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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

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

In recent years, U.S. electric utilities have increased their reliance on demand-side management (DSM) programs to modify the growth in demand and energy use. DSM consists of the planning, implementing, and monitoring of utility activities that encourage consumers to modify their pattern of electricity usage, including the timing and level of electricity demand. According to data collected on the Form EIA-861, "Annual Electric Utility Report," the energy saved from electric utility DSM programs increased to more than 23 billion kilowatthours in 1991 from 16 billion kilowatthours in 1989. The overall objectives of most DSM programs are to provide cost-effective energy and capacity resources that help defer the need to build new power plants. Identifying the right mix of DSM options can be mutually beneficial to the utility, the consumer, and society. For example, according to data gathered by the EIA, in 1991 U. S. electric utilities spent approximately 1 percent of their revenue on DSM programs. This resulted in approximately a 1-percent reduction in sales of electricity and approximately a 3-percent reduction in peak load.

DSM programs are a key consideration in the integrated resource plans (IRPs) of a growing number of electric utilities. The IRP process provides a framework for load forecasting, load shape analysis, and improved consumer relations. It provides utilities and State regulatory commissions a means to assess a variety of supply and demand resources that cost-effectively meet consumer energy-service requirements. The goal of the IRP process is to develop a robust but flexible resource portfolio of supply and demand options.

Source: Energy Information Administration, *Electric Power Annual*, DOE/EIA-0348(91).

For more information concerning DSM programs, see the following EIA publications:

- "Electric Utility Demand-Side Management," *Electric Power Monthly* (DOE/EIA-0226(92/04);
- *Electric Power Annual* (DOE/EIA-348);
- *Housing Characteristics 1990* (DOE/EIA-0314/90);
- *Housing Energy and Consumption and Expenditures 1993* (DOE/EIA-0321/93);
- *Commerce Buildings Characteristics 1989* (DOE/EIA-318/89); and
- *Consumption and Expenditures 1989* (DOE/EIA-318/89).

Also look for an upcoming *Electric Power Monthly* feature article scheduled for late 1993 dealing with electric utility DSM programs. For additional information regarding DSM data, contact Linda Bromley at (202) 254-5653.

Monthly Update

April 1993

Receipts and Fuel Costs. Receipts of coal delivered to electric utilities in April 1993 totaled 64 million short tons, an increase of 3 million short tons from April 1992. This increase may be attributed to the building of coal stockpiles at some electric utilities, in anticipation of a possible UMWA strike. Nationwide, stocks of coal at electric utilities are about 10 percent less than they were a year ago. The average cost of coal, while increasing \$0.63 per short ton from March 1993, was \$0.87 per short ton less than that of April 1992.

Receipts of petroleum in April 1993 were unchanged from April 1992 at 11 million barrels. The average cost of petroleum was \$18.15 per barrel, \$3.88 per barrel more than the \$14.27 per barrel reported in April 1992, when petroleum prices were unusually low.

Receipts of gas totaled 170 billion cubic feet (Bcf), a decrease of 49 Bcf from that reported in April 1992. The cost of gas delivered to electric utilities in April 1993 was \$2.75 per million cubic feet (Mcf), \$0.68 per Mcf higher than that of April 1992.

May 1993

Generation. Total U.S. net generation of electricity in May 1993 was 222 billion kilowatthours, 1 percent above the amount reported in May 1992. The energy source with the largest quantitative difference, compared with May of last year, was hydroelectric (higher by 7 billion kilowatthours). During May this year, hydroelectric plants produced 29 billion kilowatthours of electricity, 32 percent more than the amount reported in May of last year. This was the sixth consecutive month of increased hydroelectric generation, indicating a continuing recovery trend for this energy source. This was also the highest monthly level of hydroelectric generation reported since May 1984--when hydroelectric plants produced 32 billion kilowatthours of electricity.

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."

In the Pacific Contiguous Census Division, where 60 percent of the hydroelectric generation in the Nation is produced, generation from hydroelectric plants was 37 percent above the amount reported in May 1992. Generation from hydroelectric plants in California--which supplied 5 billion kilowatthours (16 percent of total U.S. hydroelectric generation) during May 1993--more than doubled that reported for May 1992. In Oregon and Washington, generation from hydroelectric plants was above the level reported during May 1992--by 29 and 19 percent, respectively.

Sales and Revenue. Total sales of electricity to ultimate consumers in May 1993 were 215 billion kilowatthours. This was an increase of 1 percent, compared with May 1992 sales. All major sectors--except residential--had higher levels for sales of electricity when compared with levels a year ago. Total revenue from the sale of electricity to ultimate consumers increased by 2 percent, compared with May 1992.

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^R						
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						
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
Russell City of	Russell	KS	11	3.4	Gas	IC
Total Capability of Newly Added Units	--	--	--	2,036.2	--	--
Total Capability of Retired Units	--	--	--	1,109.4	--	--
U.S. Total Capability	--	--	--	695,682.5	--	--

¹ Net summer capability is estimated.

^R 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	May 1993 ¹	April 1993 ¹	May 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
Net Generation (Million kWh)						
Coal	120,878	120,325	123,768	645,918	630,413	2.5
Petroleum ²	5,268	5,205	5,156	33,218	38,968	-14.8
Gas	15,843	16,591	22,689	82,757	96,852	-14.6
Hydroelectric Power ³	29,323	25,171	22,285	122,295	102,773	19.0
Nuclear Power	50,367	43,199	45,627	250,566	244,383	2.5
Other Sources ⁴	716	802	830	4,023	4,200	-4.2
All Energy Sources	222,396	211,292	220,355	1,138,778	1,117,588	1.9
Consumption						
Coal (1,000 short tons)	60,102	59,563	60,591	320,429	310,536	3.2
Petroleum (1,000 barrels) ⁵	8,590	8,448	8,752	54,439	64,278	-15.3
Gas (1,000 Mcf)	167,146	173,709	236,316	860,827	1,012,401	-15.0
Stocks (end-of-month)						
Coal (1,000 short tons)	150,070	148,049	165,512	--	--	--
Petroleum (1,000 barrels) ⁶	65,103	62,793	70,358	--	--	--
Sales (Million kWh)⁷						
Residential	63,852	69,668	64,662	393,699	379,951	3.6
Commercial	61,420	59,389	60,559	307,532	300,531	2.3
Industrial	82,100	79,593	80,191	396,289	389,610	1.7
Other ⁸	7,602	7,568	7,767	39,162	37,989	3.1
All Sectors	214,975	216,238	213,179	1,136,681	1,108,081	2.6
Revenue (Million Dollars)⁷						
Residential	5,473	5,672	5,436	31,406	30,278	3.7
Commercial	4,754	4,441	4,588	22,936	22,245	3.1
Industrial	3,895	3,669	3,812	18,529	18,321	1.1
Other ⁸	525	513	504	2,588	2,444	5.9
All Sectors	14,647	14,295	14,340	75,458	73,288	3.0
Average Revenue/kWh (Cents)^{7, 9}						
Residential	8.6	8.1	8.4	8.0	8.0	--
Commercial	7.7	7.5	7.6	7.5	7.4	1.4
Industrial	4.7	4.6	4.8	4.7	4.7	--
Other ⁸	6.9	6.8	6.5	6.6	6.4	3.1
All Sectors	6.8	6.6	6.7	6.6	6.6	--

	April 1993 ¹⁰	March 1993 ¹⁰	April 1992 ¹⁰	Year to Date		Difference (Percent)
				1993 ¹⁰	1992 ¹⁰	
Receipts¹¹						
Coal (1,000 short tons)	63,807	63,894	60,661	252,149	250,800	0.5
Petroleum (1,000 barrels) ¹²	10,539	9,022	10,555	36,008	50,386	-28.5
Gas (1,000 Mcf) ¹³	169,844	186,075	218,468	668,918	736,651	-9.2
Cost (cents/million Btu)^{11, 14}						
Coal	139.3	137.6	142.7	138.7	141.9	-2.3
Petroleum ¹⁵	286.6	258.8	225.7	268.0	221.0	21.3
Gas ¹³	268.9	256.6	202.6	260.9	210.5	24.0

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 May 1993 was 1,675 million kilowatthours.

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

⁵ The May 1993 petroleum coke consumption was 85,826 short tons.

⁶ The May 1993 petroleum coke stocks were 82,287 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 April 1993 petroleum coke receipts were 71,760 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 April 1993 petroleum coke cost was 66.4 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 May 1993

Period	All Energy Sources (Million) (Kilowatthours)	Share of Total U.S. Net Generation (Percent)					
		Coal ¹	Petroleum ²	Gas	Hydroelectric	Nuclear	Other ³
1992 ⁴							
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	9.5	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
1993 ⁵							
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
Year to Date							
1993 ⁵	1,138,778	56.7	2.9	7.3	10.7	22.0	.4
1992 ⁴	1,117,588	56.4	3.5	8.7	9.2	21.9	.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 May 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	264,019	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	16,165	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
Year to Date							
1993 ⁶	1,138,778	645,918	33,218	82,757	122,295	250,566	4,023
1992 ⁵	1,117,588	630,413	38,968	96,852	102,773	244,383	4,200

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 May 1993 was 1,675 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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	36,951	37,243	38,234	199,631	198,829	0.4
ERCOT	15,443	13,587	15,279	71,823	70,690	1.6
MAAC	15,106	15,049	13,964	82,592	79,209	4.3
MAIN	17,169	16,178	15,114	86,672	79,629	8.8
MAPP (U.S.)	10,421	11,265	10,754	59,215	57,612	2.8
NPCC (U.S.)	14,497	14,347	15,513	81,405	87,159	-6.6
SERC	51,103	46,133	48,878	252,206	243,932	3.4
SPP	19,959	18,703	20,816	99,568	98,292	1.3
WSCC (U.S.)	40,903	37,938	40,886	201,296	197,481	1.9
Contiguous U.S.	221,550	210,443	219,438	1,134,408	1,112,833	1.9
ASCC	349	360	310	1,920	1,744	10.0
Hawaii	496	489	606	2,451	3,011	-18.6
U.S. Total	222,396	211,292	220,355	1,138,778	1,117,588	1.9

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	6,361	6,525	6,922	35,961	37,489	-4.1
Connecticut	2,412	2,417	2,287	13,015	11,452	13.7
Maine	848	855	823	3,959	3,250	21.8
Massachusetts	1,606	1,647	2,257	10,960	14,366	-23.7
New Hampshire	1,012	1,241	1,062	5,818	6,619	-12.1
Rhode Island	4	5	8	21	77	-72.7
Vermont	479	359	484	2,188	1,726	26.8
Middle Atlantic	23,144	23,059	23,118	127,330	128,828	-1.2
New Jersey	2,273	2,170	1,975	13,435	11,483	17.0
New York	7,781	7,543	8,211	43,054	47,097	-8.6
Pennsylvania	13,090	13,346	12,932	70,841	70,249	8
East North Central	39,637	38,706	37,356	206,890	198,640	4.2
Illinois	11,257	10,172	9,885	54,868	50,254	9.2
Indiana	7,203	7,381	7,522	40,780	38,755	5.2
Michigan	7,548	7,440	6,638	38,467	35,505	8.3
Ohio	10,045	10,093	9,798	53,526	55,077	-2.8
Wisconsin	3,584	3,620	3,513	19,250	19,049	1.1
West North Central	16,438	16,706	15,980	88,521	84,484	4.8
Iowa	2,512	2,665	2,069	13,431	11,807	13.8
Kansas	2,552	2,330	2,533	12,793	12,004	6.6
Minnesota	2,977	3,262	2,972	16,257	16,099	1.0
Missouri	4,609	4,530	3,806	23,192	20,961	10.6
Nebraska	1,429	1,478	1,895	9,242	9,021	2.4
North Dakota	1,904	2,072	2,046	11,460	11,884	-3.6
South Dakota	454	370	659	2,146	2,708	-20.8
South Atlantic	43,602	39,330	43,125	218,370	215,626	1.3
Delaware	466	564	490	2,867	2,540	12.9
District of Columbia	-1	-1	-1	2	16	-86.8
Florida	10,779	9,031	10,504	49,678	51,424	-3.4
Georgia	7,623	6,480	7,475	36,121	33,955	6.4
Maryland	2,949	2,723	2,765	16,178	16,055	8
North Carolina	6,432	5,378	6,020	33,761	31,506	7.2
South Carolina	6,250	6,369	5,863	30,866	29,855	3.4
Virginia	3,754	3,398	3,965	20,354	19,499	4.4
West Virginia	5,350	5,387	6,043	28,543	30,777	-7.3
East South Central	21,115	20,191	20,079	107,761	103,632	4.0
Alabama	7,104	7,008	6,977	34,947	34,415	1.5
Kentucky	6,269	6,064	5,986	33,612	30,927	8.7
Mississippi	1,878	1,518	1,380	7,878	8,069	-2.4
Tennessee	5,864	5,602	5,736	31,324	30,220	3.7
West South Central	29,687	27,028	31,362	144,172	143,116	.7
Arkansas	2,918	2,897	3,312	15,279	13,614	12.2
Louisiana	3,989	3,555	5,031	20,262	21,487	-5.7
Oklahoma	3,459	3,342	3,597	18,122	17,383	4.2
Texas	19,322	17,235	19,422	90,510	90,631	-1
Mountain	18,608	18,404	20,141	100,390	100,908	-5
Arizona	5,343	5,051	5,523	27,888	25,852	7.9
Colorado	2,645	2,267	2,732	13,051	13,144	-7
Idaho	1,259	872	854	3,680	2,839	29.6
Montana	1,178	1,060	1,540	8,404	9,988	-15.9
Nevada	1,284	1,082	1,655	7,350	8,209	-10.5
New Mexico	2,096	2,251	2,302	10,810	10,491	3.0
Utah	2,416	2,507	2,530	13,297	13,442	-1.1
Wyoming	2,386	3,313	3,004	15,909	16,945	-6.1
Pacific Contiguous	22,957	20,494	21,356	105,013	100,108	4.9
California	9,928	10,186	10,170	51,261	45,589	12.4
Oregon	4,383	3,901	3,350	18,517	17,657	4.9
Washington	8,647	6,407	7,836	35,235	36,862	-4.4
Pacific Noncontiguous	846	849	916	4,371	4,755	-8.1
Alaska	349	360	310	1,920	1,744	10.0
Hawaii	496	489	606	2,451	3,011	-18.6
U.S. Total	222,396	211,292	220,355	1,138,778	1,117,588	1.9

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Coal Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	875	836	953	6,154	7,024	-12.4	17.1	18.7
Connecticut	203	104	152	938	997	-5.9	7.2	8.7
Maine	--	--	--	--	--	--	--	--
Massachusetts	555	547	723	4,003	4,741	-15.6	36.5	33.0
New Hampshire	117	185	79	1,214	1,287	-5.7	20.9	19.4
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	8,679	9,448	11,039	53,211	56,713	-6.2	41.8	44.0
New Jersey	327	290	559	2,456	2,320	5.9	18.3	20.2
New York	1,335	1,630	2,088	9,003	10,693	-15.8	20.9	22.7
Pennsylvania	7,016	7,527	8,392	41,752	43,700	-4.5	58.9	62.2
East North Central	27,220	29,107	27,425	151,134	148,252	1.9	73.1	74.6
Illinois	3,706	4,092	3,996	22,094	22,848	-3.3	40.3	45.5
Indiana	7,115	7,298	7,369	40,297	37,981	6.1	98.8	98.0
Michigan	4,724	4,804	4,450	23,962	24,492	-2.2	62.3	69.0
Ohio	9,412	10,074	9,092	51,006	49,408	3.2	95.3	89.7
Wisconsin	2,263	2,838	2,517	13,775	13,524	1.9	71.6	71.0
West North Central	12,286	13,372	11,465	68,218	65,273	4.5	77.1	77.3
Iowa	2,094	2,236	1,596	11,269	10,365	8.7	83.9	87.8
Kansas	2,133	2,293	1,569	10,444	8,995	16.1	81.6	74.9
Minnesota	1,648	1,944	1,667	10,899	10,006	8.9	67.0	62.2
Missouri	3,388	3,464	3,560	17,407	18,235	-4.5	75.1	87.0
Nebraska	1,023	1,203	967	6,206	5,416	14.6	67.1	60.0
North Dakota	1,767	1,988	1,875	10,882	11,110	-2.1	95.0	93.5
South Dakota	233	245	231	1,112	1,145	-2.9	51.8	42.3
South Atlantic	25,561	23,479	26,488	128,684	122,958	4.7	58.9	57.0
Delaware	319	416	311	1,993	1,462	36.3	69.5	57.6
District of Columbia	--	--	--	--	--	--	--	--
Florida	5,228	4,244	5,368	24,558	23,378	5.0	49.4	45.5
Georgia	4,927	4,771	5,155	22,866	21,026	8.8	63.3	61.9
Maryland	1,983	1,729	1,795	9,669	9,195	5.2	59.8	57.3
North Carolina	4,418	3,229	4,339	21,173	18,807	12.6	62.7	59.7
South Carolina	2,067	2,070	2,035	10,025	8,625	16.2	32.5	28.9
Virginia	1,331	1,707	1,503	10,176	10,012	1.6	50.0	51.3
West Virginia	5,290	5,313	5,982	28,224	30,453	-7.3	98.9	98.9
East South Central	17,167	15,825	16,061	82,376	76,550	7.6	76.4	73.9
Alabama	5,159	4,831	5,064	23,066	22,120	4.3	66.0	64.3
Kentucky	5,993	5,736	5,793	32,042	29,442	8.8	95.3	95.2
Mississippi	699	591	856	2,935	3,093	-5.1	37.3	38.3
Tennessee	5,316	4,667	4,348	24,332	21,895	11.1	77.7	72.5
West South Central	16,169	13,555	14,751	76,124	70,187	8.5	52.8	49.0
Arkansas	1,624	1,242	1,746	7,199	7,408	-2.8	47.1	54.4
Louisiana	1,654	1,284	1,711	7,658	7,635	.3	37.8	35.5
Oklahoma	2,005	1,866	2,076	10,924	10,430	4.7	60.3	60.0
Texas	10,886	9,162	9,218	50,344	44,714	12.6	55.6	49.3
Mountain	12,692	13,466	14,860	74,899	78,060	-4.0	74.6	77.4
Arizona	2,703	2,537	2,900	13,800	12,869	7.2	49.5	49.8
Colorado	2,394	2,089	2,535	12,167	12,441	-2.2	93.2	94.7
Idaho	--	--	--	--	--	--	--	--
Montana	380	534	878	5,095	6,947	-26.7	60.6	69.5
Nevada	807	698	1,198	5,783	6,723	-14.0	78.7	81.9
New Mexico	1,868	1,965	2,039	9,673	9,573	1.1	89.5	91.3
Utah	2,242	2,371	2,365	12,694	12,779	-.7	95.5	95.1
Wyoming	2,297	3,271	2,946	15,686	16,729	-6.2	98.6	98.7
Pacific Contiguous	215	1,210	706	4,987	5,270	-5.4	4.7	5.3
California	--	--	--	--	--	--	--	--
Oregon	73	355	3	1,360	1,437	-5.4	7.3	8.1
Washington	142	855	703	3,627	3,833	-5.4	10.3	10.4
Pacific Noncontiguous	15	28	20	131	124	5.1	3.0	2.6
Alaska	15	28	20	131	124	5.1	6.8	7.1
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	120,878	120,325	123,768	645,918	630,413	2.5	56.7	56.4

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Petroleum Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	883	958	892	6,328	11,097	-43.0	17.6	29.6
Connecticut	62	251	182	1,346	2,936	-54.1	10.3	25.6
Maine	5	31	16	182	914	-80.0	4.6	28.1
Massachusetts	789	650	668	4,545	6,565	-30.8	41.5	45.7
New Hampshire	23	22	23	231	619	-62.7	4.0	9.4
Rhode Island	4	5	3	21	62	-65.6	100.0	79.4
Vermont	.	.	.	1	1	19.3	.1	.1
Middle Atlantic	673	783	1,200	8,068	10,506	-23.2	6.3	8.2
New Jersey	19	.	36	257	363	-29.1	1.9	3.2
New York	495	648	1,025	6,547	9,353	-30.0	15.2	19.9
Pennsylvania	160	135	139	1,264	790	60.0	1.8	1.1
East North Central	108	110	95	672	636	5.8	.3	.3
Illinois	19	32	32	244	141	73.7	4	.3
Indiana	16	13	12	80	155	-48.4	.2	.4
Michigan	38	33	31	195	243	-19.6	.5	.7
Ohio	30	17	15	111	75	47.1	.2	.1
Wisconsin	5	14	5	42	21	95.8	.2	.1
West North Central	94	51	38	448	300	49.4	.5	.4
Iowa	3	3	4	12	12	4.1	.1	.1
Kansas	5	3	2	27	10	158.3	.2	.1
Minnesota	17	35	21	234	232	.8	1.4	1.4
Missouri	61	7	7	145	31	359.0	.6	.2
Nebraska	2	2	1	8	3	171.1	.1	.
North Dakota	4	1	3	16	9	90.8	.1	.1
South Dakota	2	.	.	6	2	155.6	.3	.1
South Atlantic	2,584	2,588	2,213	12,566	12,306	2.1	5.8	5.7
Delaware	124	122	135	758	892	-15.1	26.4	35.1
District of Columbia	-1	-1	-1	2	16	-86.8	100.0	100.0
Florida	2,286	2,311	1,915	9,909	8,776	12.9	19.9	17.1
Georgia	10	10	6	40	29	38.7	.1	.1
Maryland	125	73	117	1,199	1,420	-15.5	7.4	8.8
North Carolina	11	15	13	67	51	31.2	.2	.2
South Carolina	4	6	5	34	19	77.2	.1	.1
Virginia	4	28	8	465	1,022	-54.5	2.3	5.2
West Virginia	21	17	15	93	80	15.5	.3	.3
East South Central	133	29	23	256	407	-37.3	.2	.4
Alabama	4	4	7	32	37	-14.7	.1	.1
Kentucky	9	8	5	36	32	10.3	.1	.1
Mississippi	113	8	3	129	293	-56.0	1.6	3.6
Tennessee	7	10	8	60	46	30.9	.2	.2
West South Central	230	148	23	930	112	729.3	.6	.1
Arkansas	5	9	5	25	23	10.5	.2	.2
Louisiana	216	124	3	836	17	4893.6	4.1	.1
Oklahoma	2	1	1	5	6	-16.2	.	.
Texas	8	14	14	64	67	-4.8	.1	.1
Mountain	24	23	31	295	194	52.3	.3	.2
Arizona	7	11	7	40	35	15.9	.1	.1
Colorado	1	.	3	4	9	-54.9	.	.1
Idaho	.	.	.	.	.	NM	.	.
Montana	3	.	3	6	6	3.7	.1	.1
Nevada	3	1	5	199	95	110.5	2.7	1.2
New Mexico	2	1	5	10	14	-31.0	.1	.1
Utah	3	4	4	13	15	-11.1	.1	.1
Wyoming	5	4	3	23	21	8.9	.1	.1
Pacific Contiguous	3	3	10	1,008	200	403.2	1.0	.2
California	2	3	9	955	197	384.2	1.9	.4
Oregon	.	.	.	27	1	1805.3	.1	.
Washington	1	1	.	26	2	1566.5	.1	.
Pacific Noncontiguous	535	511	631	2,647	3,211	-17.5	60.6	67.5
Alaska	40	22	25	202	201	.4	10.5	11.5
Hawaii	495	489	606	2,446	3,010	-18.7	99.8	100.0
U.S. Total	5,268	5,205	5,156	33,218	38,968	-14.8	2.9	3.5

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: •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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Petroleum (Steam)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	874	949	880	6,250	10,975	-43.1	17.4	29.3
Connecticut	61	251	181	1,345	2,931	-54.1	10.3	25.6
Maine	5	31	16	182	914	-80.1	4.6	28.1
Massachusetts	781	641	658	4,472	6,452	-30.7	40.8	44.9
New Hampshire	23	22	23	231	619	-62.7	4.0	9.4
Rhode Island	3	5	2	19	59	-68.0	89.0	76.0
Vermont	*	*	--	*	*	NM	*	*
Middle Atlantic	652	776	1,190	7,966	10,441	-23.7	6.3	8.1
New Jersey	10	-4	33	221	348	-36.6	1.6	3.0
New York	483	645	1,019	6,500	9,314	-30.2	15.1	19.8
Pennsylvania	158	134	137	1,245	780	59.7	1.8	1.1
East North Central	101	108	94	657	631	4.1	.3	.3
Illinois	19	32	32	243	139	74.5	.4	.3
Indiana	16	13	12	78	155	-49.6	.2	.4
Michigan	36	33	31	193	241	-20.2	.5	.7
Ohio	26	16	14	103	74	39.7	.2	.1
Wisconsin	5	14	5	41	22	84.4	.2	.1
West North Central	89	51	34	440	291	51.3	.5	.3
Iowa	2	2	4	12	11	8.2	.1	.1
Kansas	3	2	1	21	5	351.6	.2	*
Minnesota	17	35	20	235	232	1.1	1.4	1.4
Missouri	61	7	6	147	32	360.6	.6	.2
Nebraska	1	2	*	6	2	290.8	.1	*
North Dakota	4	1	3	16	8	93.2	.1	.1
South Dakota	*	*	*	4	2	140.3	.2	.1
South Atlantic	2,566	2,562	2,188	12,326	12,146	1.5	5.6	5.6
Delaware	123	121	135	750	889	-15.6	26.2	35.0
District of Columbia	*	-1	-1	3	7	-63.4	126.0	45.2
Florida	2,276	2,303	1,895	9,765	8,687	12.4	19.7	16.9
Georgia	9	5	6	31	28	10.8	.1	.1
Maryland	122	72	116	1,158	1,410	-17.9	7.2	8.8
North Carolina	10	14	13	57	49	14.8	.2	.2
South Carolina	3	4	5	19	17	10.6	.1	.1
Virginia	3	26	5	452	979	-53.8	2.2	5.0
West Virginia	21	17	15	93	80	15.5	.3	.3
East South Central	132	28	20	236	378	-37.7	.2	.4
Alabama	4	4	6	31	29	6.3	.1	.1
Kentucky	9	7	5	35	32	9.7	.1	.1
Mississippi	113	8	3	129	293	-55.8	1.6	3.6
Tennessee	6	9	6	40	24	63.4	.1	.1
West South Central	230	147	23	926	107	768.9	.6	.1
Arkansas	5	9	5	24	22	7.5	.2	.2
Louisiana	216	124	3	836	18	4612.3	4.1	.1
Oklahoma	2	1	1	4	5	-18.6	*	*
Texas	7	13	13	61	61	-.5	.1	.1
Mountain	24	22	29	291	190	52.8	.3	.2
Arizona	7	11	7	39	34	14.4	.1	.1
Colorado	1	*	2	4	7	-39.6	*	.1
Idaho	--	--	--	--	--	--	--	--
Montana	3	*	3	6	6	2.4	.1	.1
Nevada	3	1	5	198	95	107.3	2.7	1.2
New Mexico	2	1	5	9	14	-30.8	.1	.1
Utah	3	4	3	12	14	-13.4	.1	.1
Wyoming	5	4	3	23	21	8.9	.1	.1
Pacific Contiguous	1	*	7	940	176	432.7	.9	.2
California	*	*	7	937	174	439.0	1.8	.4
Oregon	*	*	*	1	1	-38.3	*	*
Washington	1	*	*	2	1	28.2	*	*
Pacific Noncontiguous	407	398	513	2,005	2,588	-22.5	45.9	54.4
Alaska	*	--	*	*	1	NM	*	*
Hawaii	407	398	513	2,005	2,587	-22.5	81.8	85.9
U.S. Total	5,077	5,041	4,979	32,036	37,924	-15.5	2.8	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, 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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Petroleum (GT/IC)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	9	9	12	78	122	-36.2	0.2	0.3
Connecticut	.	.	1	2	5	-70.9	.	.
Maine	.	.	.	.	.	NM	.	.
Massachusetts	8	9	10	73	113	-35.7	.7	.8
New Hampshire	.	.	.	.	.	NM	.	.
Rhode Island	1	.	1	2	3	-11.3	11.0	3.4
Vermont	.	.	.	1	1	17.3	.	.
Middle Atlantic	22	8	10	102	65	58.5	.1	.1
New Jersey	10	4	3	37	15	141.0	.3	.1
New York	11	3	6	47	39	20.1	.1	.1
Pennsylvania	1	.	1	18	10	83.3	.	.
East North Central	7	2	1	15	4	245.1	.	.
Illinois	.	1	.	2	2	-4.1	.	.
Indiana	1	.	.	2	.	NM	.	.
Michigan	2	.	.	3	1	89.9	.	.
Ohio	4	1	1	8	2	349.8	.	.
Wisconsin	.	.	.	1	-1	NM	.	.
West North Central	5	1	4	8	9	-11.6	.	.
Iowa	.	.	.	.	1	NM	.	.
Kansas	2	1	1	6	6	4.0	.	.
Minnesota	.	.	.	.	.	NM	.	.
Missouri	.	.	1	-2	.	NM	.	.
Nebraska	.	.	.	2	1	22.3	.	.
North Dakota	.	.	.	.	.	NM	.	.
South Dakota	2	.	.	2	1	183.4	.1	.
South Atlantic	17	27	25	240	160	50.3	.1	.1
Delaware	1	.	.	7	3	120.1	.3	.1
District of Columbia	.	.	.	-1	9	NM	-26.0	54.8
Florida	10	14	20	144	89	62.0	.3	.2
Georgia	1	5	1	9	1	698.2	.	.
Maryland	3	1	1	41	10	320.1	.3	.1
North Carolina	1	1	.	11	2	437.0	.	.
South Carolina	1	3	.	15	2	644.7	.	.
Virginia	1	2	3	13	44	-70.0	.1	.2
West Virginia	--	.	--	.	.	NM	.	.
East South Central	1	1	3	20	29	-31.5	.	.
Alabama	.	.	1	.	8	NM	.	.
Kentucky	.	.	.	.	.	NM	.	.
Mississippi	.	.	--	-1	.	NM	.	.
Tennessee	1	1	2	20	21	-6.7	.1	.1
West South Central	1	1	2	4	6	-25.4	.	.
Arkansas	.	--	.	1	.	NM	.	.
Louisiana	.	.	.	.	-1	NM	.	.
Oklahoma	.	.	.	.	.	NM	.	.
Texas	1	1	.	3	6	-47.7	.	.
Mountain	.	.	2	4	4	25.4	.	.
Arizona	.	.	.	1	1	88.4	.	.
Colorado	.	.	1	.	2	NM	.	.
Idaho	.	.	.	.	.	NM	.	.
Montana	.	.	.	.	.	NM	.	.
Nevada	.	.	.	2	-1	NM	.	.
New Mexico	.	.	.	.	.	NM	.	.
Utah	.	.	.	1	1	17.2	.	.
Wyoming	--	--	.	--	.	NM	--	--
Pacific Contiguous	2	3	2	68	24	185.0	.1	.
California	2	3	2	18	23	-23.2	.	.1
Oregon	--	--	.	26	.	NM	.1	.
Washington	.	.	.	24	.	NM	1	.
Pacific								
Noncontiguous	127	113	118	642	623	3.1	14.7	13.1
Alaska	40	22	25	201	200	.6	10.5	11.5
Hawaii	88	91	93	441	423	4.3	18.0	14.0
U.S. Total	191	164	177	1,182	1,044	13.2	.1	.1

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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 = 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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Gas Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	271	393	398	992	950	4.5	2.8	2.5
Connecticut	.	.	12	9	99	-91.3	.1	.9
Maine	--	--	--	--	--	--	--	--
Massachusetts	262	391	371	973	814	19.5	8.9	5.7
New Hampshire	8	.	--	8	--	--	.1	--
Rhode Island	--	--	6	--	16	--	--	20.6
Vermont	1	1	9	2	20	-88.2	.1	1.2
Middle Atlantic	1,250	1,434	2,173	6,382	8,529	-25.2	5.0	6.6
New Jersey	97	29	149	379	791	-52.0	2.8	6.9
New York	1,135	1,373	2,012	5,654	7,674	-26.3	13.1	16.3
Pennsylvania	18	32	12	349	63	450.3	.5	.1
East North Central	105	142	354	817	1,711	-52.2	.4	.9
Illinois	30	37	83	181	472	-61.7	.3	.9
Indiana	27	42	87	218	386	-43.6	.5	1.0
Michigan	23	32	138	232	637	-63.5	.6	1.8
Ohio	10	6	26	100	129	-22.6	.2	.2
Wisconsin	15	26	20	86	87	-.6	.4	.5
West North Central	109	85	170	463	648	-28.6	.5	.8
Iowa	16	17	11	69	51	35.3	.5	.4
Kansas	57	43	108	267	325	-18.0	2.1	2.7
Minnesota	21	11	28	59	169	-65.2	.4	1.1
Missouri	4	4	15	26	51	-49.7	.1	.2
Nebraska	11	11	8	43	53	-18.7	.5	.6
North Dakota	.	.	.	.	.	NM	.	.
South Dakota	.	.	.	.	-1	NM	.	.
South Atlantic	1,821	1,423	2,112	7,392	8,696	-15.0	3.4	4.0
Delaware	23	27	45	116	185	-37.2	4.1	7.3
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,744	1,226	1,879	6,290	7,587	-17.1	12.7	14.8
Georgia	6	2	1	16	8	97.3	.	.
Maryland	20	14	71	116	204	-42.9	.7	1.3
North Carolina	7	6	13	52	81	-35.5	.2	.3
South Carolina	2	2	1	12	84	-85.6	.	.3
Virginia	19	146	100	785	541	45.0	3.9	2.8
West Virginia	.	1	3	5	7	-21.0	.	.
East South Central	233	80	560	653	2,176	-70.0	.6	2.1
Alabama	27	11	35	114	144	-20.9	.3	.4
Kentucky	2	2	1	7	9	-17.2	.	.
Mississippi	202	65	520	523	2,008	-74.0	6.6	24.9
Tennessee	2	2	4	9	15	-40.0	.	.
West South Central	9,689	9,069	11,635	44,663	48,892	-8.7	31.0	34.2
Arkansas	21	27	380	124	1,201	-89.7	.8	8.8
Louisiana	1,332	1,031	2,559	5,674	9,365	-39.4	28.0	43.6
Oklahoma	1,051	1,057	1,342	5,049	5,973	-15.5	27.9	34.4
Texas	7,286	6,954	7,355	33,816	32,354	4.5	37.4	35.7
Mountain	612	632	869	2,685	2,952	-9.0	2.7	2.9
Arizona	158	135	315	564	1,009	-44.1	2.0	3.9
Colorado	21	24	24	146	120	21.4	1.1	.9
Idaho	--	--	--	--	--	--	--	--
Montana	2	.	3	6	6	3.4	.1	.1
Nevada	204	168	244	707	751	-5.8	9.6	9.1
New Mexico	185	253	227	996	794	25.4	9.2	7.6
Utah	41	51	57	261	268	-2.6	2.0	2.0
Wyoming	1	1	.	5	4	26.6	.	.
Pacific Contiguous	1,561	3,128	4,221	17,585	21,243	-17.2	16.7	21.2
California	1,561	3,070	4,205	16,667	20,761	-19.7	32.5	45.5
Oregon	--	--	--	524	439	19.3	2.8	2.5
Washington	.	58	17	394	44	805.4	1.1	.1
Pacific Noncontiguous	192	205	196	1,125	1,054	6.8	25.7	22.2
Alaska	192	205	196	1,125	1,054	6.8	58.6	60.4
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	15,843	16,591	22,689	82,757	96,852	-14.6	7.3	8.7

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.

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Gas (Steam)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	244	376	364	932	878	6.2	2.6	2.3
Connecticut	.	.	12	9	99	-91.3	.1	.9
Maine	--	--	--	--	--	--	--	--
Massachusetts	235	374	338	913	742	23.1	8.3	5.2
New Hampshire	8	.	--	8	--	NM	.1	--
Rhode Island	--	--	6	--	16	NM	--	20.6
Vermont	1	1	9	2	20	-88.2	.1	1.2
Middle Atlantic	1,199	1,412	2,140	6,232	8,325	-25.1	4.9	6.5
New Jersey	74	17	127	292	656	-55.4	2.2	5.7
New York	1,108	1,364	2,002	5,600	7,612	-26.4	13.0	16.2
Pennsylvania	17	31	11	340	56	506.5	.5	.1
East North Central	94	115	323	724	1,562	-53.7	.3	.8
Illinois	30	34	82	176	465	-62.3	.3	.9
Indiana	25	40	85	209	379	-44.8	.5	1.0
Michigan	22	13	119	178	520	-65.8	.5	1.5
Ohio	3	2	18	81	115	-29.4	.2	.2
Wisconsin	14	25	19	80	82	-2.4	.4	.4
West North Central	94	70	143	391	561	-30.3	.4	.7
Iowa	15	14	9	64	42	52.1	.5	.4
Kansas	46	33	97	214	272	-21.3	1.7	2.3
Minnesota	21	11	21	58	162	-63.9	.4	1.0
Missouri	3	3	9	20	42	-50.6	.1	.2
Nebraska	9	9	7	34	44	-23.7	.4	.5
North Dakota	--	--	--	--	.	NM	--	.
South Dakota	.	.	.	.	-1	NM	.	.
South Atlantic	1,687	1,152	1,926	6,061	7,894	-23.2	2.8	3.7
Delaware	9	3	37	58	137	-57.8	2.0	5.4
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,659	1,136	1,818	5,873	7,361	-20.2	11.8	14.3
Georgia	6	.	.	12	7	71.2	.	.
Maryland	11	11	64	88	184	-51.9	.5	1.1
North Carolina	1	.	3	11	20	-43.8	.	.1
South Carolina	1	2	1	10	84	-88.4	.	.3
Virginia	.	.	--	2	94	-97.6	.	.5
West Virginia	.	1	3	5	7	-21.0	.	.
East South Central	190	38	492	412	1,888	-78.2	.4	1.8
Alabama	26	10	31	107	129	-17.1	.3	.4
Kentucky	1	2	1	7	9	-19.6	.	.
Mississippi	162	27	459	298	1,750	-83.0	3.8	21.7
Tennessee	--	--	--	--	--	NM	--	--
West South Central	9,283	8,708	11,179	42,315	46,191	-8.4	29.4	32.3
Arkansas	21	27	380	124	1,201	-89.7	.8	8.8
Louisiana	1,278	980	2,530	5,367	9,114	-41.1	26.5	42.4
Oklahoma	860	878	1,081	4,014	4,590	-12.6	22.1	26.4
Texas	7,124	6,823	7,188	32,811	31,286	4.9	36.3	34.5
Mountain	511	536	748	2,210	2,556	-13.5	2.2	2.5
Arizona	102	68	210	260	685	-62.0	.9	2.7
Colorado	20	23	24	121	119	2.0	.9	.9
Idaho	--	--	--	--	--	--	--	--
Montana	2	.	2	4	4	6.0	.	.
Nevada	174	158	239	643	744	-13.5	8.8	9.1
New Mexico	185	252	226	987	788	25.1	9.1	7.5
Utah	26	35	47	190	213	-10.7	1.4	1.6
Wyoming	1	1	.	5	4	26.6	.	.
Pacific Contiguous	1,550	3,046	4,101	16,396	20,215	-18.9	15.6	20.2
California	1,550	3,046	4,101	16,396	20,214	-18.9	32.0	44.3
Oregon	--	--	--	--	--	NM	--	--
Washington	.	.	.	.	1	NM	.	.
Pacific Noncontiguous	40	48	30	236	204	15.8	5.4	4.3
Alaska	40	48	30	236	204	15.8	12.3	11.7
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	14,892	15,502	21,446	75,909	90,274	-15.9	6.7	8.1

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: *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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Gas (GT/IC)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	27	16	34	60	72	-17.1	0.2	0.2
Connecticut	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--
Massachusetts	27	16	34	60	72	-17.1	.5	.5
New Hampshire	--	--	--	--	--	NM	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	51	22	34	150	204	-26.4	.1	.2
New Jersey	23	12	22	87	135	-35.4	.6	1.2
New York	27	9	11	54	62	-12.8	.1	.1
Pennsylvania	1	1	1	9	7	24.2	*	*
East North Central	12	28	30	93	149	-37.5	*	.1
Illinois	*	3	1	5	7	-22.0	*	*
Indiana	2	1	2	9	7	29.8	*	*
Michigan	1	19	19	55	118	-53.4	.1	.3
Ohio	7	4	7	18	13	37.3	*	*
Wisconsin	2	1	1	7	5	28.8	*	*
West North Central	15	15	27	72	87	-17.4	.1	.1
Iowa	2	2	2	4	9	-47.5	*	.1
Kansas	11	10	11	53	54	-1.4	.4	.4
Minnesota	*	*	7	*	7	NM	*	*
Missouri	*	1	6	5	10	-45.9	*	*
Nebraska	2	1	1	9	8	8.6	.1	.1
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	*	*	*	*	*	NM	*	*
South Atlantic	134	271	186	1,332	802	66.0	.6	.4
Delaware	14	24	8	58	48	21.4	2.0	1.9
District of Columbia	--	--	--	--	--	--	--	--
Florida	85	90	61	416	226	84.5	.8	.4
Georgia	*	2	*	4	1	312.6	*	*
Maryland	9	3	7	28	20	40.0	.2	.1
North Carolina	6	6	10	41	60	-32.7	.1	.2
South Carolina	1	*	*	2	*	NM	*	*
Virginia	19	146	100	782	447	75.0	3.8	2.3
West Virginia	--	--	--	--	--	--	--	--
East South Central	43	42	68	241	288	-16.3	.2	.3
Alabama	1	2	4	7	15	-54.1	*	*
Kentucky	*	*	*	*	*	NM	*	*
Mississippi	40	39	61	225	258	-12.9	2.9	3.2
Tennessee	2	2	4	9	15	-40.0	*	*
West South Central	406	361	457	2,347	2,701	-13.1	1.6	1.9
Arkansas	--	--	--	--	--	NM	--	--
Louisiana	53	52	29	307	251	22.5	1.5	1.2
Oklahoma	191	179	261	1,036	1,383	-25.1	5.7	8.0
Texas	162	131	167	1,005	1,067	-5.8	1.1	1.2
Mountain	101	96	121	475	396	20.1	.5	.4
Arizona	56	67	105	304	324	-6.3	1.1	1.3
Colorado	*	2	*	25	2	1314.0	.2	*
Idaho	--	--	--	--	--	--	--	--
Montana	*	*	1	2	2	-2.8	*	*
Nevada	29	9	4	64	7	807.7	.9	.1
New Mexico	*	2	*	9	6	56.3	.1	.1
Utah	15	16	10	71	55	29.2	.5	.4
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	11	81	120	1,189	1,028	15.6	1.1	1.0
California	11	24	104	271	546	-50.3	.5	1.2
Oregon	--	--	--	524	439	19.3	2.8	2.5
Washington	--	58	17	394	43	823.7	1.1	.1
Pacific Noncontiguous	152	157	166	889	850	4.6	20.3	17.9
Alaska	152	157	166	889	850	4.6	46.3	48.7
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	951	1,089	1,243	6,848	6,577	4.1	.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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Hydroelectric Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	427	612	395	1,958	2,143	-8.7	5.4	5.7
Connecticut	32	64	30	218	169	28.8	1.7	1.5
Maine	202	194	161	747	853	-12.4	18.9	26.2
Massachusetts	*	29	7	65	155	-58.2	.6	1.1
New Hampshire	97	205	106	511	529	-3.4	8.8	8.0
Rhode Island	--	--	--	--	--	--	--	--
Vermont	97	119	90	418	438	-4.6	19.1	25.4
Middle Atlantic	2,549	2,803	2,306	12,697	11,000	15.4	10.0	8.5
New Jersey	-11	-9	-9	-38	-42	NM	-.3	-.4
New York	2,436	2,472	2,187	11,849	10,372	14.2	27.5	22.0
Pennsylvania	124	339	128	886	670	32.2	1.3	1.0
East North Central	458	425	408	1,686	1,840	-8.3	.8	.9
Illinois	3	3	4	17	21	-21.9	*	*
Indiana	45	29	54	185	233	-20.6	.5	.6
Michigan	141	123	115	448	426	5.1	1.2	1.2
Ohio	21	11	25	74	108	-31.8	.1	.2
Wisconsin	247	259	209	963	1,051	-8.4	5.0	5.5
West North Central	874	686	900	4,075	3,920	3.9	4.6	4.6
Iowa	50	42	83	331	400	-17.3	2.5	3.4
Kansas	--	--	--	--	--	--	--	--
Minnesota	88	91	90	323	367	-12.2	2.0	2.3
Missouri	302	282	30	1,460	388	276.4	6.3	1.9
Nebraska	82	64	102	371	438	-15.2	4.0	4.9
North Dakota	133	83	168	562	765	-26.6	4.9	6.4
South Dakota	219	125	428	1,027	1,561	-34.2	47.9	57.6
South Atlantic	1,410	2,260	1,111	10,582	6,568	61.1	4.8	3.0
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	18	21	18	100	109	-7.9	.2	.2
Georgia	433	565	281	3,067	1,811	69.4	8.5	5.3
Maryland	179	286	152	1,020	899	13.5	6.3	5.6
North Carolina	435	683	391	3,361	2,215	51.7	10.0	7.0
South Carolina	246	425	155	2,138	1,003	113.1	6.9	3.4
Virginia	60	223	71	675	294	129.5	3.3	1.5
West Virginia	39	56	44	221	237	-6.5	.8	.8
East South Central	1,545	2,241	995	11,802	9,098	29.7	11.0	8.8
Alabama	732	993	362	5,853	4,221	38.7	16.7	12.3
Kentucky	266	318	187	1,527	1,444	5.8	4.5	4.7
Mississippi	--	--	--	--	--	--	--	--
Tennessee	547	930	447	4,422	3,433	28.8	14.1	11.4
West South Central	965	1,093	595	5,277	3,937	34.0	3.7	2.8
Arkansas	349	426	212	2,137	1,378	55.1	14.0	10.1
Louisiana	--	--	--	--	--	--	--	--
Oklahoma	402	418	178	2,144	975	119.9	11.8	5.6
Texas	213	250	205	997	1,585	-37.1	1.1	1.7
Mountain	3,492	2,519	2,748	11,731	10,596	10.7	11.7	10.5
Arizona	708	625	690	2,769	2,947	-6.0	9.9	11.4
Colorado	230	153	170	733	573	28.0	5.6	4.4
Idaho	1,259	872	854	3,680	2,839	29.6	100.0	100.0
Montana	788	519	651	3,266	2,999	8.9	38.9	30.0
Nevada	271	216	208	660	640	3.0	9.0	7.8
New Mexico	41	31	31	131	110	19.8	1.2	1.0
Utah	113	66	88	295	296	-.3	2.2	2.2
Wyoming	82	36	55	196	192	2.0	1.2	1.1
Pacific Contiguous	17,500	12,428	12,759	62,020	53,304	16.3	59.1	53.2
California	4,682	4,165	2,285	16,798	7,803	115.3	32.8	17.1
Oregon	4,313	3,550	3,354	16,617	14,745	12.7	89.7	83.5
Washington	8,505	4,714	7,119	28,605	30,756	-7.0	81.2	83.4
Pacific Noncontiguous	104	105	69	467	366	27.6	10.7	7.7
Alaska	102	104	69	462	365	26.5	24.1	20.9
Hawaii	1	1	*	5	1	426.6	.2	*
U.S. Total	29,323	25,171	22,295	122,295	102,773	19.0	10.7	9.2

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 May 1993 was 1,675 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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Nuclear Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	3,858	3,685	4,241	20,318	16,046	26.6	56.5	42.8
Connecticut	2,073	1,958	1,872	10,333	7,070	46.2	79.4	61.7
Maine	641	631	646	3,030	1,484	104.2	76.5	45.6
Massachusetts	--	31	488	1,374	2,091	-34.3	12.5	14.6
New Hampshire	767	829	855	3,854	4,184	-7.9	66.2	63.2
Rhode Island	--	--	--	--	--	--	--	--
Vermont	376	237	380	1,726	1,218	41.8	78.9	70.6
Middle Atlantic	9,997	8,591	6,400	46,970	42,080	11.6	36.9	32.7
New Jersey	1,841	1,859	1,241	10,380	8,051	28.9	77.3	70.1
New York	2,380	1,418	898	10,000	9,004	11.1	23.2	19.1
Pennsylvania	5,771	5,313	4,261	26,590	25,025	6.3	37.5	35.6
East North Central	11,731	8,909	9,041	52,444	46,029	13.9	25.3	23.2
Illinois	7,498	6,008	5,770	32,332	26,772	20.8	58.9	53.3
Indiana	--	--	--	--	--	--	--	--
Michigan	2,622	2,448	1,903	13,630	9,707	40.4	35.4	27.3
Ohio	573	-15	614	2,171	5,240	-58.6	4.1	9.5
Wisconsin	1,038	470	754	4,311	4,311	--	22.4	22.6
West North Central	3,041	2,474	3,372	15,147	14,171	6.9	17.1	16.8
Iowa	348	367	375	1,743	975	78.8	13.0	8.3
Kansas	357	-9	853	2,055	2,673	-23.1	16.1	22.3
Minnesota	1,169	1,144	1,132	4,580	5,156	-11.2	28.2	32.0
Missouri	855	774	194	4,154	2,255	84.2	17.9	10.8
Nebraska	312	198	818	2,614	3,112	-16.0	28.3	34.5
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	12,226	9,580	11,200	59,146	65,098	-9.1	27.1	30.2
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,504	1,222	1,324	8,821	11,573	-23.8	17.8	22.5
Georgia	2,248	1,132	2,032	10,133	11,082	-8.6	28.1	32.6
Maryland	641	622	631	4,173	4,338	-3.8	25.8	27.0
North Carolina	1,561	1,445	1,263	9,108	10,352	-12.0	27.0	32.9
South Carolina	3,932	3,866	3,666	18,658	20,124	-7.3	60.4	67.4
Virginia	2,340	1,293	2,283	8,253	7,630	8.2	40.5	39.1
West Virginia	--	--	--	--	--	--	--	--
East South Central	2,038	2,016	2,440	12,675	15,400	-17.7	11.8	14.9
Alabama	1,182	1,169	1,510	5,883	7,893	-25.5	16.8	22.9
Kentucky	--	--	--	--	--	--	--	--
Mississippi	863	854	--	4,291	2,676	60.4	54.5	33.2
Tennessee	-8	-7	930	2,502	4,832	-48.2	8.0	16.0
West South Central	2,608	3,148	4,333	17,057	19,871	-14.2	11.8	13.9
Arkansas	919	1,193	969	5,794	3,605	60.7	37.9	26.5
Louisiana	786	1,115	758	6,094	4,471	36.3	30.1	20.8
Oklahoma	--	--	--	--	--	--	--	--
Texas	903	839	2,606	5,169	11,795	-56.2	5.7	13.0
Mountain	1,766	1,743	1,612	10,714	8,992	19.2	10.7	8.9
Arizona	1,766	1,743	1,612	10,714	8,992	19.2	38.4	34.8
Colorado	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	3,107	3,052	2,990	16,095	16,696	-3.6	15.3	16.7
California	3,117	2,309	3,003	13,693	13,533	1.2	26.7	29.7
Oregon	-3	-4	-7	-21	1,034	NM	-1	5.9
Washington	-7	748	-7	2,423	2,129	13.8	6.9	5.8
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	50,367	43,199	45,627	250,566	244,383	2.5	22.0	21.9

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: •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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date				
				Other Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	46	41	44	211	229	-7.9	0.6	0.6
Connecticut	42	39	39	171	180	-5.2	1.3	1.6
Maine	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	5	2	5	40	49	-17.5	1.8	2.8
Middle Atlantic	1	1	--	2	--	--	*	--
New Jersey	--	--	--	--	--	--	--	--
New York	1	1	--	2	--	--	*	--
Pennsylvania	--	--	--	--	--	--	--	--
East North Central	15	13	34	137	172	-20.6	.1	.1
Illinois	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	--	--
Ohio	--	--	27	64	117	-45.3	.1	.2
Wisconsin	15	13	7	73	55	32.2	.4	.3
West North Central	35	37	35	170	172	-1.1	.2	.2
Iowa	1	1	1	7	4	74.7	.1	*
Kansas	*	*	*	*	*	NM	*	*
Minnesota	34	37	34	163	168	-2.9	1.0	1.0
Missouri	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--
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	26	16	25	121	117	2.7	.1	.1
Arkansas	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--
Texas	26	16	25	121	117	2.7	.1	.1
Mountain	22	21	22	65	115	-43.3	.1	.1
Arizona	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Montana	5	6	5	31	31	2.0	.4	.3
Nevada	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--
Utah	17	15	17	34	84	-59.9	.3	.6
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	572	672	672	3,318	3,395	-2.3	3.2	3.4
California	565	639	667	3,147	3,295	-4.5	6.1	7.2
Oregon	--	*	--	11	--	--	.1	--
Washington	6	33	5	161	100	61.1	.5	.3
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	716	802	830	4,023	4,200	-4.2	.4	.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 May 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	409	2,635,613
1989	1,049	688,504	77,335	766,888	25,491	241,960	267,451	517	2,787,012
1990	1,031	694,317	78,201	773,549	14,823	181,231	196,054	819	2,787,332
1991	994	691,275	79,999	772,268	13,729	171,157	184,886	722	2,789,014
1992 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	906	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
Year to Date									
1993 ⁴	434	287,617	32,378	320,429	4,909	49,530	54,439	424	860,827
1992 ³	393	278,790	31,353	310,536	4,406	59,872	64,278	346	1,012,401

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	14,206	14,541	14,784	76,859	75,779	1.4
ERCOT	6,212	5,224	5,364	28,813	25,718	12.0
MAAC	2,735	2,800	3,172	16,357	16,648	-1.7
MAIN	4,047	4,652	4,246	23,939	23,333	2.6
MAPP (U.S.)	4,850	5,432	4,659	28,809	27,832	3.5
NPCC (U.S.)	863	973	1,175	5,913	6,851	-13.7
SERC	12,639	11,324	12,051	60,304	55,273	9.1
SPP	7,442	6,575	6,724	35,512	33,702	5.4
WSCC (U.S.)	7,086	8,018	8,390	43,795	45,279	-3.3
Contiguous U.S.	60,080	59,539	60,564	320,300	310,413	3.2
ASCC	21	25	26	128	123	4.5
Hawaii	--	--	--	--	--	--
U.S. Total	60,102	59,563	60,591	320,429	310,536	3.2

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	226	179	171	1,049	1,091	-3.8
ERCOT	12	23	25	107	112	-4.6
MAAC	776	579	687	6,340	5,860	8.2
MAIN	137	170	190	1,004	1,031	-2.6
MAPP (U.S.)	26	22	27	117	91	28.3
NPCC (U.S.)	2,346	2,697	3,277	21,237	33,272	-36.2
SERC	3,712	3,755	3,147	16,892	15,847	6.6
SPP	353	56	45	791	645	22.7
WSCC (U.S.)	55	53	79	2,195	727	202.0
Contiguous U.S.	7,643	7,533	7,647	49,732	58,675	-15.2
ASCC	73	41	46	373	370	.6
Hawaii	873	874	1,059	4,334	5,233	-17.2
U.S. Total	8,590	8,448	8,752	54,439	64,278	-15.3

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	1,740	1,388	3,553	10,955	18,510	-40.8
ERCOT	60,856	57,045	55,641	276,495	247,712	11.6
MAAC	2,141	1,155	3,481	11,109	15,751	-29.5
MAIN	650	931	1,249	3,707	6,781	-45.3
MAPP (U.S.)	688	578	660	2,615	3,826	-31.6
NPCC (U.S.)	14,906	18,180	24,897	69,512	89,936	-22.7
SERC	18,182	15,467	23,008	79,303	98,995	-19.9
SPP	41,660	37,802	70,327	185,814	273,796	-32.1
WSCC (U.S.)	24,218	39,009	51,386	209,256	245,364	-14.7
Contiguous U.S.	165,040	171,553	234,200	848,768	1,000,671	-15.2
ASCC	2,105	2,155	2,116	12,059	11,730	2.8
Hawaii	--	--	--	--	--	--
U.S. Total	167,146	173,709	236,316	860,827	1,012,401	-15.0

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	335	324	354	2,333	2,598	-10.2
Connecticut	76	41	57	356	374	-4.9
Maine	--	--	--	--	--	--
Massachusetts	210	209	264	1,492	1,724	-13.5
New Hampshire	48	75	33	486	500	-2.8
Rhode Island	--	--	--	--	--	--
Vermont	--	--	--	--	--	--
Middle Atlantic	3,468	3,774	4,405	21,032	22,414	-6.2
New Jersey	130	111	218	936	891	5.0
New York	528	649	821	3,580	4,253	-15.8
Pennsylvania	2,810	3,014	3,365	16,516	17,270	-4.4
East North Central	12,860	13,715	12,800	71,589	69,252	3.4
Illinois	1,948	2,148	1,997	11,555	11,510	.4
Indiana	3,475	3,521	3,612	19,758	18,458	7.0
Michigan	2,263	2,281	2,049	11,215	11,172	.4
Ohio	3,908	4,135	3,780	21,262	20,609	3.2
Wisconsin	1,267	1,630	1,361	7,799	7,504	3.9
West North Central	7,813	8,484	7,293	43,543	41,806	4.2
Iowa	1,296	1,392	978	7,012	6,404	9.5
Kansas	1,371	1,462	982	6,684	5,699	17.3
Minnesota	1,009	1,138	1,101	6,510	6,542	-.5
Missouri	1,766	1,775	1,795	9,017	9,112	-1.0
Nebraska	648	748	616	3,879	3,432	13.0
North Dakota	1,513	1,752	1,610	9,442	9,579	-1.4
South Dakota	209	218	210	999	1,037	-3.7
South Atlantic	10,063	9,194	10,440	50,578	48,315	4.7
Delaware	134	175	133	835	625	33.5
District of Columbia	--	--	--	--	--	--
Florida	2,102	1,711	2,145	9,923	9,432	5.2
Georgia	1,989	1,885	2,100	9,171	8,519	7.7
Maryland	759	664	671	3,697	3,503	5.5
North Carolina	1,695	1,259	1,702	8,173	7,236	13.0
South Carolina	810	804	794	3,930	3,363	16.9
Virginia	514	649	567	3,862	3,806	1.5
West Virginia	2,059	2,047	2,327	10,986	11,832	-7.2
East South Central	7,102	6,641	6,675	34,396	31,886	7.9
Alabama	2,117	1,972	2,060	9,511	9,068	4.9
Kentucky	2,565	2,450	2,514	13,767	12,718	8.2
Mississippi	303	344	346	1,357	1,313	3.3
Tennessee	2,117	1,875	1,754	9,761	8,787	11.1
West South Central	11,344	9,373	10,205	52,950	48,855	8.4
Arkansas	1,014	768	1,054	4,447	4,481	-.8
Louisiana	1,264	808	1,098	5,196	5,001	3.9
Oklahoma	1,223	1,123	1,255	6,642	6,206	7.0
Texas	7,843	6,673	6,798	36,665	33,167	10.5
Mountain	6,971	7,299	7,928	40,754	41,926	-2.8
Arizona	1,438	1,276	1,423	6,877	6,450	6.6
Colorado	1,274	1,117	1,353	6,523	6,588	-1.0
Idaho	--	--	--	--	--	--
Montana	256	354	552	3,279	4,352	-24.7
Nevada	392	334	568	3,122	3,207	-2.6
New Mexico	1,132	1,122	1,200	5,699	5,603	1.7
Utah	998	1,073	1,027	5,581	5,535	.8
Wyoming	1,480	2,023	1,805	9,674	10,191	-5.1
Pacific Contiguous	125	735	466	3,125	3,360	-7.0
California	--	--	--	--	--	--
Oregon	34	198	3	801	820	-2.4
Washington	91	537	463	2,325	2,540	-8.5
Pacific Noncontiguous	21	25	26	128	123	4.5
Alaska	21	25	26	128	123	4.5
Hawaii	--	--	--	--	--	--
U.S. Total	60,102	59,563	60,591	320,429	310,536	3.2

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	1,493	1,598	1,556	10,486	18,054	-41.9
Connecticut	126	414	310	2,253	4,834	-53.4
Maine	14	61	35	366	1,557	-76.5
Massachusetts	1,298	1,064	1,156	7,386	10,453	-29.3
New Hampshire	44	44	47	418	1,064	-60.7
Rhode Island	11	14	7	58	142	-59.1
Vermont	.	.	.	4	3	16.5
Middle Atlantic	1,182	1,334	1,940	13,461	17,080	-21.2
New Jersey	49	15	20	566	678	-16.5
New York	852	1,100	1,721	10,751	15,218	-29.4
Pennsylvania	280	219	198	2,144	1,184	81.0
East North Central	304	292	317	1,761	1,836	-4.1
Illinois	116	147	173	908	963	-5.7
Indiana	35	25	23	158	106	49.1
Michigan	87	74	78	434	544	-20.1
Ohio	60	34	33	218	193	12.7
Wisconsin	7	13	10	44	31	44.3
West North Central	59	45	47	274	201	36.3
Iowa	6	6	10	30	29	3.4
Kansas	10	8	6	59	32	87.2
Minnesota	7	6	5	24	23	.9
Missouri	23	17	17	99	82	21.5
Nebraska	3	5	1	18	8	126.7
North Dakota	8	3	7	32	19	68.8
South Dakota	2	1	1	11	8	46.4
South Atlantic	4,182	4,105	3,613	20,500	19,889	3.2
Delaware	203	197	243	1,235	1,335	-7.5
District of Columbia	1	.	2	26	73	-63.9
Florida	3,623	3,618	3,048	15,639	13,834	13.0
Georgia	18	19	13	85	61	40.1
Maryland	247	150	228	2,386	2,643	-9.7
North Carolina	20	30	31	144	113	27.9
South Carolina	8	17	10	84	46	83.6
Virginia	8	47	14	744	1,629	-54.3
West Virginia	36	28	25	155	135	14.4
East South Central	225	55	50	488	696	-32.8
Alabama	8	7	11	56	63	-10.9
Kentucky	17	16	14	86	79	9.8
Mississippi	188	15	10	223	473	-52.8
Tennessee	12	18	14	102	82	24.5
West South Central	164	51	45	593	215	175.4
Arkansas	10	17	10	49	43	12.2
Louisiana	137	5	7	415	33	1158.6
Oklahoma	3	2	2	9	10	-5.2
Texas	14	26	27	120	129	-7.2
Mountain	47	43	59	536	359	49.1
Arizona	13	20	13	73	62	17.3
Colorado	3	1	6	10	20	-50.0
Idaho	.	.	.	.	.	.
Montana	7	1	7	13	12	14.5
Nevada	3	2	10	353	172	105.9
New Mexico	5	3	11	20	29	-30.3
Utah	6	7	7	24	27	-9.5
Wyoming	10	8	5	42	39	8.9
Pacific Contiguous	7	10	21	1,654	364	353.8
California	6	8	21	1,561	358	335.9
Oregon	.	.	.	43	2	1647.3
Washington	2	2	.	50	4	1167.4
Pacific Noncontiguous	948	914	1,105	4,707	5,603	-16.0
Alaska	73	41	46	373	370	.6
Hawaii	873	874	1,059	4,334	5,233	-17.2
U.S. Total	8,590	8,448	8,752	54,439	64,278	-15.3

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 May 1993 petroleum coke consumption was 85,826 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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	1,475	1,580	1,531	10,310	17,803	-42.1
Connecticut	125	413	307	2,248	4,818	-53.3
Maine	14	61	35	364	1,555	-76.6
Massachusetts	1,282	1,048	1,137	7,228	10,230	-29.3
New Hampshire	44	44	47	417	1,063	-60.8
Rhode Island	10	13	5	53	136	-61.3
Vermont	.	.	--	1	1	-4.3
Middle Atlantic	1,115	1,305	1,913	13,169	16,882	-22.0
New Jersey	24	1	13	465	631	-26.3
New York	815	1,089	1,707	10,615	15,109	-29.7
Pennsylvania	275	215	193	2,088	1,142	82.9
East North Central	285	281	310	1,694	1,791	-5.4
Illinois	115	145	171	900	956	-5.8
Indiana	32	24	22	150	103	45.7
Michigan	82	71	76	419	527	-20.5
Ohio	51	30	31	192	180	6.6
Wisconsin	5	11	9	33	25	29.3
West North Central	47	37	33	220	147	50.0
Iowa	4	5	7	24	22	10.3
Kansas	6	6	2	44	16	164.6
Minnesota	5	4	3	16	15	4.6
Missouri	21	15	11	87	69	25.6
Nebraska	2	4	1	11	3	277.8
North Dakota	8	3	7	31	18	72.8
South Dakota	.	1	.	7	3	132.1
South Atlantic	4,122	4,039	3,558	19,922	19,498	2.2
Delaware	201	196	242	1,218	1,324	-8.0
District of Columbia	.	.	.	24	45	-45.5
Florida	3,601	3,586	3,011	15,325	13,650	12.3
Georgia	16	9	11	60	52	16.1
Maryland	240	147	225	2,293	2,616	-12.3
North Carolina	17	24	26	97	89	8.6
South Carolina	5	6	9	32	34	-6.2
Virginia	6	43	10	718	1,553	-53.8
West Virginia	36	28	25	155	135	14.4
East South Central	223	52	44	426	643	-33.7
Alabama	8	6	11	53	51	4.9
Kentucky	17	15	14	85	78	8.6
Mississippi	188	15	10	223	473	-52.8
Tennessee	10	15	9	65	41	57.5
West South Central	162	49	44	581	201	189.6
Arkansas	10	17	9	46	43	7.6
Louisiana	137	5	7	415	33	1170.2
Oklahoma	3	2	1	8	9	-8.7
Texas	13	25	26	112	116	-3.7
Mountain	45	41	55	519	347	49.6
Arizona	13	20	12	69	60	15.3
Colorado	2	.	4	8	14	-37.9
Idaho	--	--	--	--	--	--
Montana	7	1	6	13	11	13.4
Nevada	3	2	10	346	171	102.7
New Mexico	5	3	11	20	29	-30.0
Utah	5	7	6	21	24	-13.3
Wyoming	10	8	5	42	39	8.9
Pacific Contiguous	2	.	15	1,522	305	398.8
California	.	--	14	1,517	300	405.7
Oregon	.	.	.	1	2	-33.2
Washington	2	.	.	4	3	25.4
Pacific Noncontiguous	723	710	883	3,529	4,460	-20.9
Alaska	.	.	.	1	2	-44.4
Hawaii	723	710	883	3,528	4,458	-20.9
U.S. Total	8,198	8,094	8,385	51,893	62,077	-16.4

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.

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 May 1993 petroleum coke consumption was 85,826 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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	18	18	24	176	250	-29.9
Connecticut	1	•	3	5	16	-65.7
Maine	•	•	•	2	2	14.6
Massachusetts	15	16	20	158	223	-29.2
New Hampshire	--	•	•	1	1	28.0
Rhode Island	1	1	2	6	6	-8.3
Vermont	•	•	•	3	2	23.3
Middle Atlantic	67	29	27	291	198	47.1
New Jersey	25	14	8	101	47	116.3
New York	37	11	14	135	109	24.2
Pennsylvania	5	4	5	55	43	30.2
East North Central	19	12	7	67	45	50.6
Illinois	1	2	2	8	7	6.3
Indiana	2	1	•	8	3	164.8
Michigan	5	3	3	15	16	-8.8
Ohio	9	4	2	25	13	98.4
Wisconsin	2	2	•	11	5	115.4
West North Central	13	8	15	54	54	-.5
Iowa	1	1	3	7	8	-15.5
Kansas	4	2	3	16	15	3.3
Minnesota	2	2	2	7	8	-6.3
Missouri	2	2	5	13	13	-.4
Nebraska	1	1	1	7	5	33.6
North Dakota	•	•	•	•	1	-
South Dakota	2	•	1	4	5	-8.5
South Atlantic	40	66	55	578	371	55.9
Delaware	1	1	1	17	11	59.9
District of Columbia	•	--	2	2	28	-92.8
Florida	22	32	37	315	185	70.3
Georgia	2	10	2	25	9	176.6
Maryland	7	3	3	93	27	249.6
North Carolina	3	5	5	48	24	99.3
South Carolina	3	10	1	52	11	354.7
Virginia	1	4	4	27	76	-65.1
West Virginia	--	•	--	•	•	-
East South Central	2	4	5	42	54	-21.9
Alabama	•	1	1	3	12	-76.3
Kentucky	•	•	•	2	1	100.4
Mississippi	•	•	--	•	•	-
Tennessee	2	3	4	37	41	-9.3
West South Central	2	2	1	12	15	-17.9
Arkansas	•	--	•	3	1	324.8
Louisiana	•	•	•	•	•	-
Oklahoma	•	•	•	1	1	41.5
Texas	1	1	1	8	13	-38.6
Mountain	2	2	4	16	12	35.4
Arizona	•	•	1	4	2	75.4
Colorado	•	•	2	1	6	-77.1
Idaho	•	•	•	•	•	-
Montana	•	•	•	•	•	-
Nevada	•	•	•	8	1	611.8
New Mexico	•	•	•	•	1	-
Utah	1	1	1	3	2	33.3
Wyoming	--	--	--	--	--	-
Pacific Contiguous	5	10	7	132	59	122.0
California	5	8	7	44	58	-24.3
Oregon	--	--	•	42	•	-
Washington	•	2	•	46	1	5832.0
Pacific Noncontiguous	223	205	222	1,178	1,144	3.0
Alaska	73	41	46	372	369	.8
Hawaii	150	164	176	806	775	4.1
U.S. Total	392	354	367	2,546	2,202	15.7

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: •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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	2,630	3,846	3,961	9,807	9,485	3.4
Connecticut	8	10	131	124	1,008	-87.7
Maine	--	--	--	--	--	--
Massachusetts	2,513	3,815	3,630	9,549	8,001	19.4
New Hampshire	91	6	--	97	--	--
Rhode Island	--	--	78	--	211	--
Vermont	18	15	122	37	267	-86.3
Middle Atlantic	13,765	15,000	22,859	68,133	90,714	-24.9
New Jersey	1,278	329	1,794	4,836	9,599	-49.6
New York	12,276	14,335	20,936	59,705	80,451	-25.8
Pennsylvania	211	337	129	3,593	664	440.9
East North Central	2,352	2,251	4,745	14,413	24,947	-42.2
Illinois	377	445	955	2,208	5,347	-58.7
Indiana	273	437	1,056	2,275	4,345	-47.6
Michigan	1,345	925	2,126	7,335	12,432	-41.0
Ohio	135	102	339	1,438	1,629	-11.7
Wisconsin	222	343	269	1,156	1,194	-3.1
West North Central	1,569	1,283	2,181	6,655	8,840	-24.8
Iowa	233	238	155	982	785	25.1
Kansas	846	649	1,385	3,779	4,441	-14.9
Minnesota	297	185	352	966	2,217	-56.4
Missouri	54	63	176	365	690	-47.2
Nebraska	137	148	111	548	709	-22.7
North Dakota	*	*	--	*	1	-
South Dakota	2	*	1	14	4	237.6
South Atlantic	17,296	14,540	22,665	74,111	94,511	-21.6
Delaware	272	322	598	1,067	2,640	-59.6
District of Columbia	--	--	--	--	--	--
Florida	16,262	12,549	19,942	63,123	81,837	-22.9
Georgia	74	33	24	189	157	20.5
Maryland	385	187	974	1,710	2,954	-42.1
North Carolina	100	99	180	713	1,047	-31.9
South Carolina	24	21	10	151	834	-81.9
Virginia	174	1,317	909	7,108	4,980	42.7
West Virginia	4	11	28	50	62	-19.7
East South Central	3,268	1,520	7,029	10,603	27,499	-61.4
Alabama	266	144	350	1,180	1,352	-12.7
Kentucky	19	27	16	81	104	-22.8
Mississippi	2,968	1,335	6,629	9,257	25,902	-64.3
Tennessee	15	14	33	86	140	-38.8
West South Central	99,550	93,176	119,439	454,539	501,516	-9.4
Arkansas	267	311	3,881	1,443	12,742	-88.7
Louisiana	13,920	10,869	26,127	58,941	96,265	-38.8
Oklahoma	10,542	10,485	13,004	49,991	58,197	-14.1
Texas	74,821	71,510	76,427	344,164	334,312	2.9
Mountain	6,794	6,865	9,440	29,893	32,444	-7.9
Arizona	1,765	1,402	3,300	6,207	10,722	-42.1
Colorado	278	354	357	2,071	1,732	19.6
Idaho	--	--	--	--	--	--
Montana	13	4	26	53	54	-3.3
Nevada	2,157	1,695	2,681	7,630	8,170	-6.6
New Mexico	2,067	2,811	2,444	10,833	8,616	25.7
Utah	507	592	627	3,053	3,114	-2.0
Wyoming	7	7	4	47	37	28.9
Pacific Contiguous	17,817	33,073	41,882	180,613	210,708	-14.3
California	17,816	32,390	41,687	170,874	206,068	-17.1
Oregon	--	--	--	5,177	4,128	25.4
Washington	*	683	195	4,562	511	792.6
Pacific Noncontiguous	2,105	2,155	2,116	12,059	11,730	2.8
Alaska	2,105	2,155	2,116	12,059	11,730	2.8
Hawaii	--	--	--	--	--	--
U.S. Total	167,146	173,709	236,316	860,827	1,012,401	-15.0

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.

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	2,372	3,693	3,553	9,228	8,642	6.8
Connecticut	8	10	131	124	1,008	-87.7
Maine	--	--	--	--	--	--
Massachusetts	2,255	3,662	3,222	8,971	7,157	25.3
New Hampshire	91	6	--	97	--	NM
Rhode Island	--	--	78	--	211	NM
Vermont	18	15	122	37	267	-86.3
Middle Atlantic	13,006	14,672	22,391	65,928	87,951	-25.0
New Jersey	952	159	1,505	3,605	7,897	-54.3
New York	11,856	14,189	20,777	58,866	79,491	-25.9
Pennsylvania	199	325	109	3,457	563	514.6
East North Central	2,182	1,875	4,368	13,111	23,196	-43.5
Illinois	371	414	936	2,135	5,250	-59.3
Indiana	248	420	1,030	2,152	4,254	-49.4
Michigan	1,327	686	1,915	6,702	11,155	-39.9
Ohio	42	27	233	1,073	1,438	-25.4
Wisconsin	194	328	255	1,048	1,099	-4.6
West North Central	1,327	1,052	1,820	5,548	7,592	-26.9
Iowa	196	201	121	872	634	37.4
Kansas	689	524	1,239	3,078	3,742	-17.7
Minnesota	293	170	281	922	2,130	-56.7
Missouri	37	32	85	239	486	-50.7
Nebraska	113	125	94	427	598	-28.6
North Dakota	--	*	--	*	1	NM
South Dakota	*	*	*	10	2	320.8
South Atlantic	15,724	11,714	20,557	60,024	85,253	-29.6
Delaware	99	32	512	360	2,077	-82.7
District of Columbia	--	--	--	--	--	--
Florida	15,278	11,506	19,107	58,014	78,569	-26.2
Georgia	66	1	19	135	135	*
Maryland	270	144	883	1,341	2,676	-49.9
North Carolina	--	--	--	--	--	NM
South Carolina	6	18	8	101	825	-87.8
Virginia	*	2	--	22	909	-97.5
West Virginia	4	11	28	50	62	-19.7
East South Central	2,268	521	5,591	4,863	20,946	-76.8
Alabama	259	129	328	1,111	1,251	-11.2
Kentucky	15	22	14	72	39	-26.9
Mississippi	1,994	370	5,249	3,680	19,596	-81.2
Tennessee	--	--	--	--	--	NM
West South Central	94,793	88,821	114,164	427,795	471,330	-9.2
Arkansas	267	311	3,881	1,443	12,742	-88.7
Louisiana	13,386	10,338	25,846	55,461	93,649	-40.8
Oklahoma	8,285	8,510	10,226	38,692	43,539	-11.1
Texas	72,855	69,662	74,211	332,200	321,401	3.4
Mountain	5,654	5,748	8,102	24,181	27,837	-13.1
Arizona	1,138	706	2,204	2,889	7,233	-60.1
Colorado	274	326	353	1,690	1,699	-.5
Idaho	--	--	--	--	--	--
Montana	13	3	13	32	31	2.1
Nevada	1,853	1,535	2,596	6,737	7,979	-15.6
New Mexico	2,066	2,786	2,440	10,711	8,533	25.5
Utah	303	385	492	2,076	2,326	-10.8
Wyoming	7	7	4	47	37	28.9
Pacific Contiguous	17,613	32,068	40,619	167,733	200,188	-16.2
California	17,613	32,068	40,618	167,728	200,177	-16.2
Oregon	--	--	--	--	--	NM
Washington	*	*	1	6	10	-46.3
Pacific Noncontiguous	--	--	--	--	--	NM
Alaska	--	--	--	--	--	NM
Hawaii	--	--	--	--	--	--
U.S. Total	154,939	160,164	221,165	778,410	932,936	-16.6

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: *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	May 1993 ¹	April 1993 ¹	May 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	258	153	408	579	843	-31.3
Connecticut	--	--	--	--	--	--
Maine	--	--	--	--	--	--
Massachusetts	258	153	408	579	843	-31.3
New Hampshire	--	--	--	--	--	NM
Rhode Island	--	--	--	--	--	--
Vermont	--	--	--	--	--	--
Middle Atlantic	759	328	468	2,205	2,764	-20.2
New Jersey	326	170	289	1,231	1,703	-27.7
New York	420	146	159	839	959	-12.5
Pennsylvania	12	12	20	135	102	33.2
East North Central	170	376	377	1,302	1,751	-25.6
Illinois	6	30	19	73	97	-24.8
Indiana	25	17	25	123	92	34.5
Michigan	18	239	211	633	1,276	-50.4
Ohio	93	75	107	365	191	91.6
Wisconsin	28	14	14	108	95	13.9
West North Central	242	231	360	1,107	1,255	-11.8
Iowa	37	37	34	110	151	-26.9
Kansas	157	125	146	701	699	.3
Minnesota	4	15	71	44	87	-49.4
Missouri	18	31	91	126	205	-38.7
Nebraska	25	23	18	121	111	9.0
North Dakota	.	--	--	.	.	NM
South Dakota	2	.	.	4	2	135.2
South Atlantic	1,572	2,825	2,108	14,087	9,258	52.2
Delaware	173	290	86	707	564	25.4
District of Columbia	--	--	--	--	--	--
Florida	984	1,043	835	5,109	3,268	56.3
Georgia	8	32	5	54	22	148.5
Maryland	115	42	91	369	278	32.6
North Carolina	100	99	180	713	1,047	-31.9
South Carolina	17	4	2	50	9	463.4
Virginia	174	1,315	909	7,085	4,071	74.1
West Virginia	--	--	--	--	--	--
East South Central	1,000	998	1,438	5,740	6,553	-12.4
Alabama	7	15	22	69	101	-31.8
Kentucky	4	4	2	8	6	48.8
Mississippi	974	965	1,380	5,577	6,306	-11.6
Tennessee	15	14	33	86	140	-38.8
West South Central	4,757	4,355	5,275	26,744	30,186	-11.4
Arkansas	--	--	--	--	--	NM
Louisiana	534	531	281	3,480	2,616	33.0
Oklahoma	2,258	1,975	2,778	11,300	14,658	-22.9
Texas	1,966	1,849	2,216	11,964	12,912	-7.3
Mountain	1,140	1,117	1,338	5,712	4,606	24.0
Arizona	627	696	1,096	3,318	3,489	-4.9
Colorado	5	28	5	381	33	1067.7
Idaho	--	--	--	--	--	--
Montana	--	2	13	21	23	-10.4
Nevada	304	159	85	893	191	367.9
New Mexico	1	25	5	122	83	47.5
Utah	204	207	135	977	788	24.0
Wyoming	--	--	--	--	--	--
Pacific Contiguous	204	1,005	1,262	12,880	10,520	22.4
California	204	322	1,068	3,146	5,891	-46.6
Oregon	--	--	--	5,177	4,128	25.4
Washington	--	683	194	4,556	501	810.2
Pacific Noncontiguous	2,105	2,155	2,116	12,059	11,730	2.8
Alaska	2,105	2,155	2,116	12,059	11,730	2.8
Hawaii	--	--	--	--	--	--
U.S. Total	12,207	13,544	15,150	82,416	79,465	3.7

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.

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 May 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

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
ECAR	40,646	39,997	45,349	1.6	-10.4
ERCOT	5,903	6,026	8,077	-2.0	-26.9
MAAC	15,332	14,865	15,222	3.1	.7
MAIN	12,122	11,968	13,609	1.3	-10.9
MAPP (U.S.)	9,997	9,882	11,581	1.2	-13.7
NPCC (U.S.)	2,919	2,984	2,658	-2.2	9.9
SERC	29,967	29,632	30,171	1.1	-.7
SPP	15,378	15,310	19,428	.4	-20.8
WSCC (U.S.)	17,799	17,379	19,409	2.4	-8.3
Contiguous U.S.	150,064	148,043	165,504	1.4	-9.3
ASCC	6	6	7	-2.9	-20.0
Hawaii	--	--	--	--	--
U.S. Total	150,070	148,049	165,512	1.4	-9.3

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
ECAR	1,552	1,590	1,753	-2.4	-11.5
ERCOT	5,183	5,193	5,389	-.2	-3.8
MAAC	5,166	5,420	6,295	-4.7	-17.9
MAIN	1,228	1,141	1,395	7.6	-12.0
MAPP (U.S.)	749	762	740	-1.7	1.2
NPCC (U.S.)	14,070	12,631	15,263	11.4	-7.8
SERC	12,433	11,101	13,050	12.0	-4.7
SPP	4,863	4,560	4,429	6.6	9.8
WSCC (U.S.)	18,665	19,249	20,795	-3.0	-10.2
Contiguous U.S.	63,908	61,647	69,108	3.7	-7.5
ASCC	187	193	214	-3.1	-12.3
Hawaii	1,008	953	1,036	5.7	-2.7
U.S. Total	65,103	62,793	70,358	3.7	-7.5

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. •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	May 1993 ¹	April 1993 ¹	May 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
New England	1,302	1,274	1,134	2.2	14.8
Connecticut	169	176	174	-4.2	-2.9
Maine	--	--	--	--	--
Massachusetts	703	684	576	2.9	22.2
New Hampshire	430	414	385	3.7	11.8
Rhode Island	--	--	--	--	--
Vermont	--	--	--	--	--
Middle Atlantic	16,864	16,588	16,592	1.7	1.6
New Jersey	886	840	810	5.4	9.3
New York	1,617	1,710	1,524	-5.4	6.2
Pennsylvania	14,361	14,036	14,258	2.3	.7
East North Central	36,540	35,847	42,184	1.9	-13.4
Illinois	6,423	6,540	6,507	-1.8	-1.3
Indiana	9,611	9,342	12,464	2.9	-22.9
Michigan	6,816	6,803	8,033	.2	-15.2
Ohio	10,321	10,305	10,986	.2	-6.1
Wisconsin	3,368	2,858	4,194	17.9	-19.7
West North Central	17,189	17,167	21,017	.1	-18.2
Iowa	3,625	3,459	4,350	4.8	-16.7
Kansas	2,344	2,229	3,756	5.2	-37.6
Minnesota	1,655	1,895	2,051	-12.7	-19.3
Missouri	5,513	5,608	6,679	-1.7	-17.4
Nebraska	1,630	1,605	1,808	1.6	-9.8
North Dakota	2,146	2,090	2,088	2.7	2.8
South Dakota	274	282	286	-2.7	-4.2
South Atlantic	29,007	28,370	30,928	2.2	-6.2
Delaware	433	351	461	23.2	-6.1
District of Columbia	--	--	--	--	--
Florida	4,323	4,214	5,605	2.6	-22.9
Georgia	5,175	5,230	5,373	-1.1	-3.7
Maryland	2,459	2,496	2,359	-1.4	4.3
North Carolina	4,360	4,335	4,742	.6	-8.1
South Carolina	2,133	2,092	2,335	2.0	-8.7
Virginia	1,910	1,723	1,788	10.8	6.8
West Virginia	8,214	7,929	8,265	3.6	-6
East South Central	15,638	15,440	14,090	1.3	11.0
Alabama	5,329	5,112	4,750	4.2	12.2
Kentucky	5,330	5,425	5,389	-1.7	-1.1
Mississippi	1,020	877	952	16.3	7.2
Tennessee	3,959	4,026	3,000	-1.7	32.0
West South Central	15,716	15,967	20,143	-1.6	-22.0
Arkansas	1,502	1,688	2,592	-11.1	-42.1
Louisiana	1,780	1,983	2,138	-10.2	-16.8
Oklahoma	3,189	3,060	3,054	4.2	4.4
Texas	9,246	9,236	12,358	.1	-25.2
Mountain	16,496	16,357	18,152	.8	-9.1
Arizona	3,751	3,691	4,566	1.6	-17.9
Colorado	3,573	3,653	3,427	-2.2	4.3
Idaho	--	--	--	--	--
Montana	762	829	738	-8.2	3.2
Nevada	1,334	1,315	1,498	1.4	-11.0
New Mexico	1,494	1,500	1,393	-.4	7.2
Utah	2,034	3,426	3,849	6.0	-5.6
Wyoming	1,950	1,943	2,680	.3	-27.2
Pacific Contiguous	1,313	1,031	1,264	27.3	3.9
California	--	--	--	--	--
Oregon	555	576	616	-3.8	-10.0
Washington	759	455	648	66.7	17.1
Pacific Noncontiguous	6	6	7	-2.9	-20.0
Alaska	6	6	7	-2.9	-20.0
Hawaii	--	--	--	--	--
U.S. Total	150,070	148,049	165,512	1.4	-9.3

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	May 1993 ¹	April 1993 ¹	May 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
New England	5,809	5,059	5,620	16.4	4.8
Connecticut	2,045	1,866	2,514	9.6	-18.7
Maine	520	533	446	-2.5	16.5
Massachusetts	2,623	2,204	2,183	19.0	20.2
New Hampshire	582	360	391	61.7	48.8
Rhode Island	84	61	58	38.6	46.1
Vermont	35	35	28	-9	22.2
Middle Atlantic	11,260	10,903	13,430	3.3	-16.2
New Jersey	1,473	1,488	1,861	-1.0	-20.8
New York	8,182	7,572	9,643	8.0	-15.2
Pennsylvania	1,606	1,842	1,926	-12.8	-16.6
East North Central	2,442	2,388	2,770	2.3	-11.8
Illinois	1,038	968	1,156	7.2	-10.2
Indiana	155	151	150	3.1	3.2
Michigan	643	661	841	-2.7	-23.6
Ohio	401	414	383	-3.1	4.7
Wisconsin	205	194	240	5.7	-14.3
West North Central	1,677	1,680	1,709	-2	-1.9
Iowa	194	198	205	-2.0	-5.6
Kansas	636	646	672	-1.5	-5.3
Minnesota	144	150	143	-4.5	6
Missouri	384	362	379	6.1	1.2
Nebraska	204	206	208	-8	-1.8
North Dakota	53	53	42	-4	25.1
South Dakota	63	65	59	-3.9	5.4
South Atlantic	14,133	12,795	15,194	10.5	-7.0
Delaware	574	462	678	24.1	-15.4
District of Columbia	116	116	118		-2.0
Florida	8,629	7,249	9,595	19.0	-10.1
Georgia	460	488	539	-5.7	-14.6
Maryland	1,559	1,679	1,872	-7.1	-16.7
North Carolina	202	201	232	4	-13.2
South Carolina	311	310	369	4	-15.7
Virginia	2,152	2,153	1,636	-1	31.6
West Virginia	130	137	155	-5.0	-15.7
East South Central	1,936	1,759	1,526	10.1	26.9
Alabama	147	151	178	-3.0	17.4
Kentucky	98	108	95	-8.9	2.7
Mississippi	1,294	1,097	897	17.9	44.3
Tennessee	397	402	356	-1.3	11.7
West South Central	7,925	7,837	8,185	1.1	-3.2
Arkansas	240	245	244	-1.9	1.3
Louisiana	1,524	1,419	1,518	7.4	4
Oklahoma	612	613	516	-2	18.6
Texas	5,549	5,560	5,908	-2	6.1
Mountain	1,338	1,348	1,504	-7	-11.0
Arizona	678	685	763	-1.0	11.1
Colorado	182	184	216	-9	15.5
Idaho	14	14	15	1	5.7
Montana	15	19	14	21.1	8.7
Nevada	286	286	339	-1	-15.5
New Mexico	106	103	95	2.7	10.8
Utah	21	23	34	-11.9	-38.5
Wyoming	35	33	28	7.9	24.3
Pacific Contiguous	17,308	17,879	19,171	-3.2	-9.7
California	16,718	17,289	18,532	-3.3	-9.8
Oregon	240	241	278	-2	-13.7
Washington	350	350	361	-1	3.2
Pacific Noncontiguous	1,195	1,147	1,250	4.3	-4.4
Alaska	187	193	214	3.1	12.3
Hawaii	1,008	953	1,036	5.7	2.7
U.S. Total	65,103	62,793	70,358	3.7	-7.5

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

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 May 1993 petroleum coke stocks were 62,287 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 April 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	12,035	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
Year-to-Date									
1993 ⁴	252,149	138.7	34,060	259.1	36,008	268.0	668,918	260.9	157.1
1992 ⁴	250,800	141.9	48,596	214.4	50,386	221.0	736,651	210.5	154.1

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	April 1993 ¹	March 1993 ¹	April 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	14,992	14,986	14,933	57,997	61,458	-5.6
ERCOT	5,838	5,800	5,294	23,757	23,226	2.3
MAAC	3,580	3,388	3,403	13,266	13,170	.7
MAIN	4,738	4,695	4,699	17,458	18,311	-4.7
MAPP (U.S.)	6,201	6,516	5,453	24,999	24,011	4.1
NPCC (U.S.)	1,066	1,288	1,330	4,667	5,361	-12.9
SERC	12,946	11,538	11,013	50,342	45,561	10.5
SPP	6,610	6,730	6,471	25,716	26,228	-2.0
WSCC (U.S.)	7,837	8,953	8,064	33,946	33,472	1.4
Contiguous U.S.	63,807	63,894	60,661	252,149	250,800	.5
ASCC	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--
U.S. Total	63,807	63,894	60,661	252,149	250,800	.5

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	April 1993 ¹	March 1993 ¹	April 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	136.5	136.0	139.9	136.6	139.6	-2.2
ERCOT	143.6	154.5	153.8	144.4	142.7	1.2
MAAC	145.2	145.3	152.8	147.3	162.3	-9.3
MAIN	153.8	151.7	158.8	152.9	160.0	-4.4
MAPP (U.S.)	92.1	89.0	98.4	89.5	92.8	-3.6
NPCC (U.S.)	152.9	154.6	159.2	155.7	161.5	-3.6
SERC	158.8	160.1	163.1	159.0	164.2	-3.2
SPP	136.5	128.9	140.6	137.2	141.3	-2.9
WSCC (U.S.)	120.5	116.9	115.2	117.7	112.3	4.8
Contiguous U.S.	139.3	137.6	142.7	138.7	141.9	-2.3
ASCC	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--
U.S. Total	139.3	137.6	142.7	138.7	141.9	-2.3

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	April 1993 ¹	March 1993 ¹	April 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	154	210	219	669	773	-13.4
ERCOT	16	21	17	71	117	-39.3
MAAC	1,310	1,561	1,270	5,483	5,118	7.1
MAIN	187	168	210	726	693	4.8
MAPP (U.S.)	26	31	14	103	62	66.3
NPCC (U.S.)	3,952	3,591	5,403	14,759	28,751	-48.7
SERC	4,298	2,563	2,562	11,077	10,862	2.0
SPP	38	79	26	380	599	-36.5
WSCC (U.S.)	18	91	22	481	246	95.6
Contiguous U.S.	10,000	8,316	9,742	33,749	47,219	-28.5
ASCC	--	--	--	--	--	--
Hawaii	538	706	813	2,258	3,167	-28.7
U.S. Total	10,539	9,022	10,555	36,008	50,386	-28.5

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	April 1993 ¹	March 1993 ¹	April 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	382.8	398.5	323.7	401.1	344.1	16.6
ERCOT	406.2	418.5	484.1	401.9	385.6	4.2
MAAC	284.6	246.2	229.2	260.4	220.6	18.0
MAIN	331.3	316.2	297.4	318.7	288.1	10.6
MAPP (U.S.)	455.8	467.2	447.7	448.0	405.9	10.4
NPCC (U.S.)	310.2	253.5	222.3	273.1	216.9	25.9
SERC	254.5	235.1	201.5	237.8	197.3	20.5
SPP	341.1	277.0	380.2	252.9	219.4	15.2
WSCC (U.S.)	517.7	376.9	448.1	369.9	366.6	9
Contiguous U.S.	285.3	253.8	223.1	264.7	217.2	21.8
ASCC	--	--	--	--	--	--
Hawaii	311.4	318.0	257.3	319.3	278.6	14.6
U.S. Total	286.6	258.8	225.7	268.0	221.0	21.3

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	April 1993 ¹	March 1993 ¹	April 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	1,060	1,939	3,190	8,068	13,614	-40.7
ERCOT	57,287	60,128	54,641	216,463	187,718	15.3
MAAC	846	2,696	3,859	7,242	8,872	-18.4
MAIN	1,327	815	1,286	3,265	5,369	-39.2
MAPP (U.S.)	383	313	469	1,246	2,236	-44.3
NPCC (U.S.)	18,097	16,060	22,440	54,849	59,228	-7.4
SERC	14,452	14,300	17,872	54,951	67,467	-18.6
SPP	37,469	40,871	62,103	138,542	192,671	-28.1
WSCC (U.S.)	37,722	47,844	51,390	179,407	194,724	-7.9
Contiguous U.S.	168,643	184,965	217,249	664,033	731,900	-9.3
ASCC	1,201	1,110	1,219	4,885	4,752	2.8
Hawaii	--	--	--	--	--	--
U.S. Total	169,844	186,075	218,468	668,918	736,651	-9.2

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.

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	April 1993 ¹	March 1993 ¹	April 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	275.8	228.2	187.7	257.5	208.0	23.8
ERCOT	254.1	236.5	200.6	240.7	205.3	17.2
MAAC	290.2	250.0	183.9	251.0	200.1	25.5
MAIN	258.2	271.4	196.0	273.0	201.1	35.8
MAPP (U.S.)	297.9	290.8	194.1	303.8	199.5	52.3
NPCC (U.S.)	278.6	270.8	212.3	276.1	227.7	21.3
SERC	258.9	246.2	199.8	243.8	187.8	29.9
SPP	266.0	254.5	182.4	255.2	190.5	34.0
WSCC (U.S.)	299.3	286.7	231.3	295.4	242.3	21.9
Contiguous U.S.	270.3	257.7	203.4	262.4	211.5	24.1
ASCC	63.3	64.3	56.3	64.0	59.4	7.8
Hawaii	--	--	--	--	--	--
U.S. Total	268.9	256.6	202.6	260.9	210.5	24.0

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 40. Electric Utility Receipts of Coal by Type, Census Division, and State,
April 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	--	--	523	13,643	--	--	--	--	523	13,643
Connecticut	--	--	55	1,438	--	--	--	--	55	1,438
Maine	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	357	9,250	--	--	--	--	357	9,250
New Hampshire	--	--	111	2,955	--	--	--	--	111	2,955
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	27	459	4,241	106,563	--	--	--	--	4,268	107,022
New Jersey	--	--	229	6,153	--	--	--	--	229	6,153
New York	--	--	543	14,039	--	--	--	--	543	14,039
Pennsylvania	27	459	3,470	86,371	--	--	--	--	3,497	86,830
East North Central	--	--	9,738	230,101	4,053	72,087	--	--	13,791	302,188
Illinois	--	--	1,592	36,219	722	13,076	--	--	2,314	49,295
Indiana	--	--	2,641	59,375	762	13,241	--	--	3,403	72,616
Michigan	--	--	1,142	28,808	1,260	23,091	--	--	2,402	51,899
Ohio	--	--	4,103	99,293	--	--	--	--	4,103	99,293
Wisconsin	--	--	260	6,407	1,309	22,678	--	--	1,569	29,085
West North Central	--	--	1,099	24,744	5,185	89,034	2,075	26,853	8,359	140,631
Iowa	--	--	102	2,278	1,375	23,276	--	--	1,477	25,554
Kansas	--	--	269	5,849	1,119	18,624	--	--	1,388	24,473
Minnesota	--	--	9	224	1,151	20,387	--	--	1,160	20,611
Missouri	--	--	718	16,382	813	14,251	--	--	1,531	30,633
Nebraska	--	--	1	11	727	12,497	--	--	727	12,507
North Dakota	--	--	--	--	--	--	1,867	24,318	1,867	24,318
South Dakota	--	--	--	--	--	--	208	2,535	208	2,535
South Atlantic	--	--	10,936	273,584	--	--	--	--	10,936	273,584
Delaware	--	--	197	5,164	--	--	--	--	197	5,164
District of Columbia	--	--	--	--	--	--	--	--	--	--
Florida	--	--	1,926	47,624	--	--	--	--	1,926	47,624
Georgia	--	--	2,086	51,226	--	--	--	--	2,086	51,226
Maryland	--	--	872	22,249	--	--	--	--	872	22,249
North Carolina	--	--	1,611	40,210	--	--	--	--	1,611	40,210
South Carolina	--	--	744	19,013	--	--	--	--	744	19,013
Virginia	--	--	972	24,829	--	--	--	--	972	24,829
West Virginia	--	--	2,527	63,270	--	--	--	--	2,527	63,270
East South Central	--	--	7,170	171,595	95	1,787	--	--	7,264	173,382
Alabama	--	--	2,134	51,465	--	--	--	--	2,134	51,465
Kentucky	--	--	2,754	64,325	--	--	--	--	2,754	64,325
Mississippi	--	--	251	6,274	95	1,787	--	--	345	8,060
Tennessee	--	--	2,031	49,531	--	--	--	--	2,031	49,531
West South Central	--	--	92	1,947	5,975	102,575	4,130	51,578	10,198	156,100
Arkansas	--	--	--	--	1,048	18,192	--	--	1,048	18,192
Louisiana	--	--	--	--	856	14,464	172	2,396	1,028	16,860
Oklahoma	--	--	6	153	1,154	19,917	--	--	1,160	20,070
Texas	--	--	86	1,794	2,917	50,003	3,958	49,182	6,961	100,978
Mountain	--	--	3,224	70,338	4,490	80,147	22	287	7,736	150,772
Arizona	--	--	939	19,267	416	8,260	--	--	1,354	27,527
Colorado	--	--	474	10,248	783	14,487	--	--	1,257	24,735
Idaho	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	339	5,849	22	287	361	6,137
Nevada	--	--	374	8,473	34	661	--	--	408	9,134
New Mexico	--	--	--	--	1,149	20,574	--	--	1,149	20,574
Utah	--	--	1,210	27,938	--	--	--	--	1,210	27,938
Wyoming	--	--	226	4,412	1,769	30,316	--	--	1,995	34,727
Pacific	--	--	4	77	728	12,336	--	--	732	12,412
California	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	187	3,308	--	--	187	3,308
Washington	--	--	4	77	541	9,028	--	--	545	9,105
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--
U.S. Total	27	459	37,027	892,592	20,526	357,966	6,226	78,718	63,807	1,329,734

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	April 1993 Receipts		April 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	523	13,643	395	10,456	52,489	53,102	168.1	174.8
Connecticut	55	1,438	67	1,761	7,725	8,084	169.2	204.0
Maine	--	--	--	--	--	--	--	--
Massachusetts	357	9,250	232	6,118	32,111	33,550	168.9	169.6
New Hampshire	111	2,955	96	2,577	12,653	11,468	165.7	169.5
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	4,268	107,022	4,626	116,788	419,879	446,422	145.7	155.7
New Jersey	229	6,153	198	5,373	23,331	22,338	178.1	174.3
New York	543	14,039	934	24,324	68,750	86,891	146.3	153.4
Pennsylvania	3,497	86,830	3,493	87,091	327,798	337,194	143.3	155.1
East North Central	13,791	302,188	13,616	300,816	1,141,298	1,212,454	141.4	146.5
Illinois	2,314	49,295	2,177	46,734	184,974	193,155	173.3	173.1
Indiana	3,403	72,616	4,071	86,936	299,082	356,137	127.4	131.8
Michigan	2,402	51,899	2,070	45,974	142,838	145,475	153.4	158.8
Ohio	4,103	99,293	3,723	89,840	412,487	410,389	138.6	144.4
Wisconsin	1,569	29,085	1,575	31,333	101,916	107,297	119.8	138.7
West North Central	8,359	140,631	7,952	137,104	562,619	586,311	102.0	110.6
Iowa	1,477	25,554	1,171	21,034	83,067	85,746	97.0	108.2
Kansas	1,388	24,473	1,353	23,725	83,779	91,388	103.3	119.6
Minnesota	1,160	20,611	957	17,041	97,522	82,838	116.7	125.1
Missouri	1,531	30,633	1,976	40,806	132,914	168,701	125.7	133.8
Nebraska	727	12,507	558	9,487	52,426	45,230	78.7	75.3
North Dakota	1,867	24,318	1,728	22,486	104,195	103,704	72.1	70.1
South Dakota	208	2,535	209	2,526	8,716	8,703	110.7	118.7
South Atlantic	10,936	273,584	9,904	247,097	1,011,809	1,000,437	163.5	167.6
Delaware	197	5,164	78	2,026	17,971	13,002	170.9	175.7
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,926	47,624	1,984	48,931	194,137	197,414	175.8	187.0
Georgia	2,086	51,226	1,516	36,559	183,274	162,730	178.5	184.5
Maryland	872	22,249	790	20,290	78,000	73,345	157.5	164.9
North Carolina	1,611	40,210	1,259	31,354	155,093	144,336	172.2	179.1
South Carolina	744	19,013	699	18,037	75,845	78,364	157.3	151.7
Virginia	972	24,829	893	22,927	80,430	80,748	146.8	146.7
West Virginia	2,527	63,270	2,686	66,973	227,058	250,499	144.3	146.7
East South Central	7,264	173,382	6,113	146,471	711,072	619,714	137.8	139.3
Alabama	2,134	51,465	1,720	41,633	206,293	187,023	178.0	177.4
Kentucky	2,754	64,325	2,420	56,454	270,229	239,751	115.3	116.1
Mississippi	345	8,060	273	6,937	24,689	24,754	165.0	160.0
Tennessee	2,031	49,531	1,700	41,447	209,861	168,186	124.3	127.0
West South Central	10,198	156,100	9,385	145,013	625,705	613,992	148.0	148.2
Arkansas	1,048	18,192	1,002	17,620	62,452	66,787	161.5	165.4
Louisiana	1,028	16,860	856	13,610	66,890	58,261	159.9	158.2
Oklahoma	1,160	20,070	1,064	18,804	93,134	88,902	124.4	126.0
Texas	6,961	100,978	6,462	94,979	403,229	400,042	149.5	148.8
Mountain	7,736	150,772	8,061	157,066	655,776	657,509	113.0	107.6
Arizona	1,354	27,527	1,462	30,564	113,508	111,058	131.1	127.5
Colorado	1,257	24,735	1,113	22,407	105,220	99,402	112.2	108.9
Idaho	--	--	--	--	--	--	--	--
Montana	361	6,137	830	14,172	52,802	65,467	64.5	71.4
Nevada	409	9,134	531	11,663	48,783	56,409	150.4	138.1
New Mexico	1,149	20,574	1,095	19,613	81,246	79,119	143.3	133.2
Utah	1,210	27,938	1,111	25,003	111,825	100,357	119.9	118.2
Wyoming	1,995	34,727	1,920	33,645	142,391	145,697	81.7	74.6
Pacific Contiguous	732	12,412	607	10,242	45,166	37,415	128.6	131.1
California	--	--	--	--	--	--	--	--
Oregon	187	3,308	185	3,525	12,475	11,630	112.8	109.1
Washington	545	9,105	422	6,717	32,691	25,784	134.6	141.0
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	63,807	1,329,734	60,661	1,271,053	5,225,814	5,227,355	138.7	141.9

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, April 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	415	165.8	43.56	108	166.6	42.28	5	194.2	50.99	518	165.7	43.22
Connecticut	55	169.7	44.35	--	--	--	--	--	--	55	169.7	44.35
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	268	165.5	43.30	89	170.2	42.77	5	194.2	50.99	352	166.2	43.05
New Hampshire	92	164.5	43.83	18	149.9	39.93	--	--	--	111	162.0	43.18
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	3,021	150.9	38.11	1,247	121.5	29.92	1,466	128.8	31.46	2,803	149.3	37.94
New Jersey	208	177.1	47.61	21	171.9	46.06	70	171.8	44.25	159	178.6	48.90
New York	256	150.6	39.66	287	130.6	33.26	97	139.3	32.53	445	140.4	37.09
Pennsylvania	2,557	148.6	37.18	940	117.4	28.55	1,298	125.6	30.69	2,199	148.9	37.33
East North Central	10,489	151.4	32.87	3,302	113.2	25.55	9,432	141.6	29.59	4,359	142.7	34.41
Illinois	1,929	182.2	38.07	385	117.6	27.44	1,323	200.9	40.44	991	134.6	30.79
Indiana	2,644	136.0	28.73	759	108.9	24.09	2,698	121.7	25.57	705	158.3	35.81
Michigan	2,132	154.2	33.15	271	137.1	30.80	1,964	150.1	31.01	438	159.9	41.26
Ohio	2,821	150.3	36.05	1,282	110.1	27.17	2,005	138.8	32.78	2,098	136.3	33.74
Wisconsin	964	127.7	23.89	606	111.8	20.40	1,443	116.3	20.82	126	164.3	42.28
West North Central	7,208	103.4	17.18	1,152	99.5	18.05	7,901	97.8	16.09	458	164.8	38.13
Iowa	966	107.0	18.57	512	99.9	17.17	1,450	103.2	17.74	27	158.7	36.09
Kansas	998	106.5	18.20	390	100.4	19.09	1,360	104.3	18.28	27	118.5	26.81
Minnesota	1,130	118.4	20.99	30	131.2	25.03	1,157	118.6	21.04	3	174.0	41.48
Missouri	1,451	121.5	24.16	81	124.6	27.67	1,131	101.5	19.16	400	168.2	39.01
Nebraska	589	80.8	14.01	139	67.7	11.24	727	78.4	13.48	--	--	--
North Dakota	1,867	73.4	9.57	--	--	--	1,867	73.4	9.57	--	--	--
South Dakota	208	113.1	13.78	--	--	--	208	113.1	13.78	--	--	--
South Atlantic	8,739	170.1	42.49	2,197	128.7	32.37	3,850	162.3	40.38	7,087	161.4	40.49
Delaware	182	169.7	44.49	14	163.9	43.39	14	156.5	40.55	183	170.3	44.71
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	1,511	190.5	47.27	414	128.3	31.34	568	181.7	44.74	1,357	175.5	43.47
Georgia	1,675	181.3	44.16	411	149.2	37.82	773	159.3	39.47	1,313	184.1	44.94
Maryland	665	157.7	40.07	207	141.3	36.53	484	159.7	40.20	388	146.7	38.02
North Carolina	1,394	174.1	43.35	217	140.1	35.49	762	168.2	41.69	849	170.6	42.83
South Carolina	684	161.3	41.21	61	148.2	37.90	89	153.8	41.01	655	161.2	40.93
Virginia	660	148.4	37.99	312	141.5	35.94	355	142.3	36.12	617	148.3	38.02
West Virginia	1,968	157.1	39.35	560	94.1	23.51	803	157.7	38.84	1,724	136.5	34.45
East South Central	5,853	143.2	34.21	1,411	116.8	27.78	3,031	135.1	32.14	4,233	140.2	33.55
Alabama	1,834	184.9	44.51	301	126.6	30.77	908	172.7	42.10	1,226	179.5	42.93
Kentucky	2,140	116.0	26.97	614	105.2	24.95	1,769	116.2	27.45	985	108.6	24.85
Mississippi	185	166.8	42.07	161	148.0	31.34	148	147.6	31.31	197	166.1	41.43
Tennessee	1,695	128.8	31.35	335	115.6	28.57	205	119.3	29.09	1,825	127.5	31.09
West South Central	9,510	148.5	22.55	688	150.6	25.61	10,187	148.6	22.74	11	158.1	33.19
Arkansas	846	171.5	29.91	202	126.7	21.61	1,048	163.0	28.31	--	--	--
Louisiana	1,028	162.3	26.61	--	--	--	1,028	162.3	26.61	--	--	--
Oklahoma	1,160	124.1	21.46	--	--	--	1,160	124.1	21.46	--	--	--
Texas	6,475	147.6	21.14	486	160.5	27.27	6,950	148.6	21.55	11	158.1	33.19
Mountain	6,688	119.4	23.20	1,048	89.6	17.84	6,085	111.9	20.74	1,651	125.3	28.86
Arizona	810	142.8	29.41	544	108.1	21.53	1,354	129.1	26.25	--	--	--
Colorado	1,198	115.9	22.83	59	81.7	15.76	979	114.2	21.57	278	114.7	25.75
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	361	60.1	10.22	--	--	--	361	60.1	10.22	--	--	--
Nevada	408	178.0	39.80	--	--	--	246	175.6	37.82	162	181.4	42.81
New Mexico	1,149	144.7	25.89	--	--	--	1,149	144.7	25.89	--	--	--
Utah	1,077	126.0	29.00	134	72.8	17.25	--	--	--	1,210	120.0	27.71
Wyoming	1,684	79.4	13.67	311	65.4	12.04	1,995	77.1	13.42	--	--	--
Pacific	375	140.7	22.09	357	118.9	21.73	732	129.2	21.91	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	187	112.7	19.94	187	112.7	19.94	--	--	--
Washington	375	140.7	22.09	170	125.3	23.70	545	135.2	22.59	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	52,297	144.6	29.66	11,510	117.4	26.19	42,688	132.9	25.29	21,120	149.3	36.61

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, April 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	--	--	--	210	169.3	43.46	170	165.3	43.24
Connecticut	--	--	--	55	169.7	44.35	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	155	169.1	43.15	170	165.3	43.24
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	4	98.7	15.66	396	166.7	43.33	194	155.1	38.48
New Jersey	--	--	--	161	181.1	49.45	--	--	--
New York	--	--	--	57	178.8	46.22	37	147.5	33.04
Pennsylvania	4	98.7	15.66	178	148.3	36.87	157	156.7	39.76
East North Central	4,014	148.2	26.75	2,537	155.5	37.25	934	160.0	38.35
Illinois	824	244.0	45.93	222	158.1	39.81	42	160.3	33.18
Indiana	818	130.2	23.13	299	161.1	37.80	425	158.3	35.33
Michigan	1,159	134.3	24.70	886	165.3	39.94	280	162.4	42.39
Ohio	--	--	--	916	143.1	34.77	186	159.8	40.35
Wisconsin	1,212	104.1	18.12	213	158.4	33.28	--	--	--
West North Central	4,841	99.1	17.13	2,653	88.5	12.45	162	194.1	45.21
Iowa	1,267	101.8	17.08	108	94.8	17.73	--	--	--
Kansas	1,250	101.7	17.40	--	--	--	--	--	--
Minnesota	786	115.5	20.58	371	125.2	22.02	3	174.0	41.48
Missouri	811	93.1	16.72	98	115.1	22.61	159	194.6	45.29
Nebraska	727	78.4	13.49	1	22.7	4.00	--	--	--
North Dakota	--	--	--	1,867	73.4	9.57	--	--	--
South Dakota	--	--	--	208	113.1	13.78	--	--	--
South Atlantic	42	154.1	36.66	4,435	167.9	42.28	2,834	164.4	41.43
Delaware	--	--	--	128	175.3	45.94	69	158.1	41.55
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	42	154.1	36.66	682	183.2	46.25	330	183.0	46.15
Georgia	--	--	--	679	178.4	44.75	668	161.2	40.08
Maryland	--	--	--	468	151.9	38.76	117	144.2	36.48
North Carolina	--	--	--	846	162.6	40.54	765	177.1	44.22
South Carolina	--	--	--	189	162.9	42.03	512	159.9	40.87
Virginia	--	--	--	703	145.1	36.85	249	146.4	37.80
West Virginia	--	--	--	739	182.4	45.18	125	133.7	33.14
East South Central	95	158.1	29.83	1,977	169.1	41.32	837	123.1	30.42
Alabama	--	--	--	1,078	200.8	48.48	192	135.4	33.52
Kentucky	--	--	--	644	122.5	30.00	165	109.0	25.97
Mississippi	95	158.1	29.83	153	176.8	43.91	--	--	--
Tennessee	--	--	--	103	125.3	33.31	480	122.9	30.71
West South Central	6,672	160.0	26.68	559	120.2	16.35	2,429	118.7	15.46
Arkansas	1,048	163.0	28.31	--	--	--	--	--	--
Louisiana	856	163.4	27.60	172	155.7	21.69	--	--	--
Oklahoma	1,154	124.1	21.43	--	--	--	--	--	--
Texas	3,614	170.3	27.67	387	103.9	13.98	2,429	118.7	15.46
Mountain	3,693	117.5	22.94	4,036	113.3	22.06	7	65.0	14.00
Arizona	654	132.6	26.55	700	126.0	25.96	--	--	--
Colorado	1,170	115.5	22.67	87	98.6	20.10	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	361	60.1	10.22	--	--	--
Nevada	334	173.5	38.35	75	196.9	46.29	--	--	--
New Mexico	--	--	--	1,149	144.7	25.89	--	--	--
Utah	556	151.6	34.91	654	93.3	21.58	--	--	--
Wyoming	979	54.3	8.79	1,009	96.4	17.90	7	65.0	14.00
Pacific	349	118.7	21.58	383	140.3	22.22	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	187	112.7	19.94	--	--	--	--	--	--
Washington	162	125.2	23.47	383	140.3	22.22	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U. S. Total	19,710	133.3	23.59	17,186	144.7	30.82	7,567	149.7	31.52

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, April 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	103	164.9	43.76	40	154.8	41.47	--	--	--	166.0	43.30
Connecticut	--	--	--	--	--	--	--	--	--	169.7	44.35
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	32	162.0	42.93	--	--	--	--	--	--	166.7	43.17
New Hampshire	71	166.1	44.13	40	154.8	41.47	--	--	--	162.0	43.18
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	1,510	138.1	35.01	1,586	132.4	32.85	577	160.4	39.44	142.5	35.72
New Jersey	7	143.8	39.02	61	168.1	43.26	--	--	--	176.6	47.47
New York	276	139.6	36.34	172	127.1	33.55	--	--	--	140.2	36.28
Pennsylvania	1,227	137.7	34.69	1,353	131.4	32.29	577	160.4	39.44	140.4	34.86
East North Central	594	115.7	28.71	3,007	127.5	29.33	2,705	137.6	31.87	142.0	31.12
Illinois	69	102.9	23.48	851	133.7	29.96	306	131.9	28.81	170.4	36.31
Indiana	159	106.1	23.92	1,196	116.5	25.95	504	124.5	28.00	129.8	27.70
Michigan	--	--	--	65	168.3	40.57	13	162.0	38.89	152.2	32.88
Ohio	305	111.7	29.14	813	127.2	31.33	1,882	141.6	33.36	137.5	33.27
Wisconsin	61	169.2	44.89	82	188.8	43.24	--	--	--	121.6	22.54
West North Central	77	127.4	29.34	338	142.2	31.61	288	128.8	29.06	102.8	17.30
Iowa	21	120.2	27.06	78	142.7	31.82	3	174.1	34.36	104.5	18.08
Kansas	8	106.3	24.82	122	126.6	28.00	8	120.3	30.13	104.6	18.45
Minnesota	--	--	--	--	--	--	--	--	--	118.8	21.10
Missouri	47	134.3	31.15	138	155.6	34.70	278	128.6	28.97	121.7	24.35
Nebraska	--	--	--	--	--	--	--	--	--	78.4	13.48
North Dakota	--	--	--	--	--	--	--	--	--	73.4	9.57
South Dakota	--	--	--	--	--	--	--	--	--	113.1	13.78
South Atlantic	1,382	149.6	37.17	1,612	165.1	40.08	632	124.6	31.63	161.7	40.45
Delaware	--	--	--	--	--	--	--	--	--	169.3	44.41
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	8	124.2	29.14	851	172.7	41.77	13	110.1	26.75	177.3	43.84
Georgia	373	167.8	41.76	367	202.1	45.84	--	--	--	174.8	42.91
Maryland	257	163.2	41.57	30	139.5	37.28	--	--	--	153.8	39.23
North Carolina	--	--	--	--	--	--	--	--	--	169.5	42.29
South Carolina	43	152.4	36.98	--	--	--	--	--	--	160.3	40.94
Virginia	--	--	--	20	180.0	48.61	--	--	--	146.2	37.33
West Virginia	701	134.8	33.22	343	114.2	29.50	620	124.9	31.73	143.2	35.84
East South Central	1,309	145.4	35.07	2,008	120.1	28.30	1,038	112.6	25.72	138.1	32.96
Alabama	672	166.4	39.96	122	122.3	29.28	70	107.4	24.82	176.6	42.58
Kentucky	175	115.5	27.47	883	109.3	25.41	888	111.2	25.01	113.5	26.52
Mississippi	--	--	--	98	131.9	33.41	--	--	--	158.9	37.08
Tennessee	463	126.4	30.85	905	128.7	30.43	80	129.5	34.32	126.6	30.89
West South Central	531	131.7	13.43	--	--	--	6	113.0	27.17	148.6	22.75
Arkansas	--	--	--	--	--	--	--	--	--	163.0	28.31
Louisiana	--	--	--	--	--	--	--	--	--	162.3	26.61
Oklahoma	--	--	--	--	--	--	6	113.0	27.17	124.1	21.46
Texas	531	131.7	13.43	--	--	--	--	--	--	148.7	21.56
Mountain	--	--	--	--	--	--	--	--	--	115.3	22.47
Arizona	--	--	--	--	--	--	--	--	--	129.1	26.25
Colorado	--	--	--	--	--	--	--	--	--	114.3	22.50
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	60.1	10.22
Nevada	--	--	--	--	--	--	--	--	--	178.0	39.80
New Mexico	--	--	--	--	--	--	--	--	--	144.7	25.89
Utah	--	--	--	--	--	--	--	--	--	120.0	27.71
Wyoming	--	--	--	--	--	--	--	--	--	77.1	13.42
Pacific	--	--	--	--	--	--	--	--	--	129.2	21.91
California	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	112.7	19.94
Washington	--	--	--	--	--	--	--	--	--	135.2	22.59
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	5,506	140.6	32.89	8,591	134.6	31.90	5,247	133.2	31.30	139.3	29.03

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,
April 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	9	50	--	--	--	--	1,407	8,964	1,415	9,014
Connecticut	4	21	--	--	--	--	238	1,527	242	1,548
Maine	--	--	--	--	--	--	--	--	--	--
Massachusetts	1	6	--	--	--	--	1,168	7,437	1,169	7,443
New Hampshire	3	18	--	--	--	--	--	--	3	18
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont	1	6	--	--	--	--	--	--	1	6
Middle Atlantic	113	663	--	--	--	--	2,789	17,715	2,901	18,378
New Jersey	1	3	--	--	--	--	252	1,585	252	1,589
New York	6	34	--	--	--	--	2,531	16,091	2,537	16,126
Pennsylvania	106	625	--	--	--	--	6	38	112	664
East North Central	126	733	--	--	--	--	186	1,218	313	1,951
Illinois	39	229	--	--	--	--	129	844	168	1,073
Indiana	20	113	--	--	--	--	--	--	20	113
Michigan	25	145	--	--	--	--	57	374	82	520
Ohio	25	145	--	--	--	--	--	--	25	145
Wisconsin	17	101	--	--	--	--	--	--	17	101
West North Central	23	132	--	--	--	--	--	--	23	132
Iowa	9	51	--	--	--	--	--	--	9	51
Kansas	--	--	--	--	--	--	--	--	--	--
Minnesota	1	4	--	--	--	--	--	--	1	4
Missouri	3	19	--	--	--	--	--	--	3	19
Nebraska	5	30	--	--	--	--	--	--	5	30
North Dakota	5	28	--	--	--	--	--	--	5	28
South Dakota	--	--	--	--	--	--	--	--	--	--
South Atlantic	99	577	--	--	--	--	5,139	32,658	5,238	33,235
Delaware	4	25	--	--	--	--	205	1,297	209	1,322
District of Columbia	--	--	--	--	--	--	--	--	--	--
Florida	24	139	--	--	--	--	4,206	26,741	4,230	26,880
Georgia	4	25	--	--	--	--	--	--	4	25
Maryland	11	65	--	--	--	--	728	4,619	739	4,684
North Carolina	22	126	--	--	--	--	--	--	22	126
South Carolina	8	44	--	--	--	--	--	--	8	44
Virginia	6	34	--	--	--	--	--	--	6	34
West Virginia	20	119	--	--	--	--	--	--	20	119
East South Central	36	207	--	--	--	--	13	84	49	290
Alabama	7	38	--	--	--	--	--	--	7	38
Kentucky	11	65	--	--	--	--	--	--	11	65
Mississippi	2	13	--	--	--	--	13	84	15	97
Tennessee	16	91	--	--	--	--	--	--	16	91
West South Central	36	211	--	--	--	--	2	12	38	223
Arkansas	16	94	--	--	--	--	--	--	16	94
Louisiana	4	24	--	--	--	--	2	12	6	36
Oklahoma	--	--	--	--	--	--	--	--	--	--
Texas	16	93	--	--	--	--	--	--	16	93
Mountain	21	122	--	--	--	--	--	--	21	122
Arizona	6	35	--	--	--	--	--	--	6	35
Colorado	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--
Montana	2	12	--	--	--	--	--	--	2	12
Nevada	2	12	--	--	--	--	--	--	2	12
New Mexico	--	--	--	--	--	--	--	--	--	--
Utah	5	29	--	--	--	--	--	--	5	29
Wyoming	6	35	--	--	--	--	--	--	6	35
Pacific	2	14	--	--	--	--	--	--	2	14
California	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--
Washington	2	14	--	--	--	--	--	--	2	14
Pacific Noncontiguous	--	--	--	--	--	--	538	3,372	538	3,372
Alaska	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	538	3,372	538	3,372
U.S. Total	465	2,709	--	--	--	--	10,074	64,023	10,539	66,732

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

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 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	April 1993 Receipts		April 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	1,415	9,014	2,436	15,412	51,728	103,989	271.9	200.1
Connecticut	242	1,548	1,151	7,273	11,505	32,504	253.2	222.0
Maine	--	--	416	2,630	1,150	7,162	198.8	204.3
Massachusetts	1,169	7,443	868	5,501	37,650	55,763	282.6	193.3
New Hampshire	3	18	1	8	1,417	8,049	194.7	154.9
Rhode Island	--	--	--	--	--	511	--	195.0
Vermont	1	6	--	--	6	--	503.7	--
Middle Atlantic	2,901	18,378	3,137	19,933	58,487	89,654	275.0	241.2
New Jersey	252	1,589	21	133	4,781	3,169	287.5	264.3
New York	2,537	16,126	2,967	18,863	42,327	78,235	274.7	239.4
Pennsylvania	112	664	149	937	11,378	8,249	271.2	249.8
East North Central	313	1,951	396	2,467	7,403	7,607	304.4	295.9
Illinois	168	1,073	204	1,275	4,195	4,130	311.1	280.3
Indiana	20	113	13	77	630	395	433.5	399.0
Michigan	82	520	148	938	1,555	2,286	321.1	260.6
Ohio	25	145	23	130	807	631	434.3	420.1
Wisconsin	17	101	8	47	216	165	425.6	457.4
West North Central	23	132	13	77	890	729	385.1	279.3
Iowa	9	51	1	4	186	114	438.5	373.6
Kansas	--	--	--	--	117	78	428.3	396.2
Minnesota	1	4	2	13	20	61	465.7	415.1
Missouri	3	19	8	48	300	422	273.4	194.4
Nebraska	5	30	--	--	77	2	427.8	386.9
North Dakota	5	28	2	12	157	51	455.2	421.4
South Dakota	--	--	--	--	33	--	467.2	--
South Atlantic	5,238	33,235	3,661	23,208	88,889	90,258	240.4	199.7
Delaware	209	1,322	428	2,715	5,787	6,536	245.8	213.0
District of Columbia	--	--	11	64	12	327	432.1	329.2
Florida	4,230	26,880	2,503	15,901	68,762	62,500	233.3	193.6
Georgia	4	25	11	64	213	267	450.7	431.3
Maryland	739	4,684	650	4,122	12,789	14,216	249.2	197.4
North Carolina	22	126	14	80	398	351	429.3	409.7
South Carolina	8	44	9	51	144	128	444.4	432.1
Virginia	6	34	17	99	194	5,212	449.8	189.1
West Virginia	20	119	19	113	590	722	486.7	443.2
East South Central	49	290	40	234	981	3,687	427.6	248.8
Alabama	7	38	11	66	231	224	443.4	447.5
Kentucky	11	65	17	101	303	388	460.3	447.5
Mississippi	15	97	4	21	128	2,903	271.2	191.2
Tennessee	16	91	8	46	319	173	447.6	513.4
West South Central	38	223	34	197	2,396	1,157	274.7	397.8
Arkansas	16	94	7	41	211	215	472.4	474.5
Louisiana	6	36	9	52	1,772	183	221.5	362.0
Oklahoma	--	--	1	4	--	24	--	390.5
Texas	16	93	17	99	413	735	401.9	384.6
Mountain	21	122	24	142	2,721	1,530	369.6	367.4
Arizona	6	35	8	45	58	358	531.4	423.6
Colorado	--	--	4	21	--	34	--	379.7
Idaho	--	--	--	--	--	--	--	--
Montana	2	12	1	6	24	18	467.2	487.2
Nevada	2	12	2	13	2,359	735	350.8	304.1
New Mexico	--	--	3	19	91	116	502.4	458.5
Utah	5	29	3	18	61	65	533.8	437.4
Wyoming	6	35	4	20	127	204	451.7	410.7
Pacific Contiguous	2	14	1	6	349	30	395.2	483.7
California	--	--	--	--	323	--	388.5	--
Oregon	--	--	--	--	--	--	--	--
Washington	2	14	1	6	26	30	478.0	483.7
Pacific Noncontiguous	538	3,372	813	5,082	14,112	19,879	319.3	278.6
Alaska	--	--	--	--	--	--	--	--
Hawaii	538	3,372	813	5,082	14,112	19,879	319.3	278.6
U.S. Total	10,539	66,732	10,555	66,756	227,956	318,519	268.0	221.0

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. •The April 1993 petroleum coke receipts were 71,760 short tons and the cost was 66.4 cents per million Btu.

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

Table 40. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Type, Census Division, and State, April 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 ⁴ Btu)	(\$ per bbl)	(Cents per 10 ⁴ Btu)	(\$ per bbl)	(Cents per 10 ⁴ Btu)	(\$ per bbl)
	(1,000 bbls)	(Cents per 10 ⁴ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁴ Btu)	(\$ per bbl)						
New England	1,174	326.8	20.86	232	392.2	24.79	444.0	25.83	--	--	337.5	21.51
Connecticut	216	290.9	18.70	22	320.9	20.16	442.3	25.94	--	--	293.6	18.84
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	958	334.9	21.35	210	399.6	25.28	426.3	24.81	--	--	346.5	22.05
New Hampshire	--	--	--	--	--	--	432.1	24.88	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	503.7	29.37	--	--	--	--
Middle Atlantic	2,027	289.4	18.42	761	310.4	19.59	422.6	24.87	--	--	295.1	18.74
New Jersey	231	302.8	19.07	21	330.7	20.80	464.1	26.99	--	--	305.1	19.21
New York	1,792	287.6	18.34	739	309.9	19.56	508.1	29.66	--	--	294.1	18.70
Pennsylvania	4	303.4	19.27	2	276.5	17.70	417.7	24.60	--	--	294.4	18.75
East North Central	129	290.5	19.00	57	269.0	17.55	439.5	25.49	--	--	283.9	18.56
Illinois	129	290.5	19.00	--	--	--	444.5	25.82	--	--	290.5	19.00
Indiana	--	--	--	--	--	--	435.7	25.09	--	--	--	--
Michigan	--	--	--	57	269.0	17.55	438.4	25.44	--	--	269.0	17.55
Ohio	--	--	--	--	--	--	453.2	26.22	--	--	--	--
Wisconsin	--	--	--	--	--	--	414.3	24.21	--	--	--	--
West North Central	--	--	--	--	--	--	441.9	25.65	--	--	--	--
Iowa	--	--	--	--	--	--	434.8	25.27	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	452.2	26.33	--	--	--	--
Missouri	--	--	--	--	--	--	416.2	24.43	--	--	--	--
Nebraska	--	--	--	--	--	--	444.8	25.69	--	--	--	--
North Dakota	--	--	--	--	--	--	467.2	27.00	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	3,259	258.1	16.42	1,879	244.2	15.49	448.0	26.12	--	--	253.0	16.08
Delaware	205	264.9	16.76	--	--	--	422.9	25.01	--	--	264.9	16.76
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	2,326	256.0	16.31	1,879	244.2	15.49	445.1	25.93	--	--	250.8	15.94
Georgia	--	--	--	--	--	--	455.6	26.50	--	--	--	--
Maryland	728	262.8	16.68	--	--	--	417.3	24.20	--	--	262.8	16.68
North Carolina	--	--	--	--	--	--	429.9	25.00	--	--	--	--
South Carolina	--	--	--	--	--	--	440.8	25.62	--	--	--	--
Virginia	--	--	--	--	--	--	453.9	26.66	--	--	--	--
West Virginia	--	--	--	--	--	--	492.1	28.76	--	--	--	--
East South Central	--	--	--	13	174.1	11.12	450.0	26.09	--	--	174.1	11.12
Alabama	--	--	--	--	--	--	445.8	25.59	--	--	--	--
Kentucky	--	--	--	--	--	--	472.6	27.55	--	--	--	--
Mississippi	--	--	--	13	174.1	11.12	439.6	25.46	--	--	174.1	11.12
Tennessee	--	--	--	--	--	--	437.1	25.36	--	--	--	--
West South Central	--	--	--	2	200.6	12.78	436.8	25.24	--	--	200.6	12.78
Arkansas	--	--	--	--	--	--	468.5	26.90	--	--	--	--
Louisiana	--	--	--	2	200.6	12.78	431.2	25.22	--	--	200.6	12.78
Oklahoma	--	--	--	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	406.2	23.54	--	--	--	--
Mountain	--	--	--	--	--	--	514.0	29.97	--	--	--	--
Arizona	--	--	--	--	--	--	549.4	31.80	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	450.0	26.65	--	--	--	--
Nevada	--	--	--	--	--	--	537.8	31.28	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	507.5	29.84	--	--	--	--
Wyoming	--	--	--	--	--	--	498.0	28.91	--	--	--	--
Pacific	--	--	--	--	--	--	505.4	29.66	--	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	505.4	29.66	--	--	--	--
Pacific Noncontiguous	538	311.4	19.51	--	--	--	--	--	--	--	311.4	19.51
Alaska	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	538	311.4	19.51	--	--	--	--	--	--	--	311.4	19.51
U. S. Total	7,128	282.9	18.00	2,946	273.1	17.30	441.7	25.74	--	--	280.0	17.80

Monetary values are expressed in nominal terms.

Notes: ¹Totals may not equal sum of components because of independent rounding. ²Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. ³Data 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, April 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	--	--	--	70	326.3	20.81	694	268.3	17.16
Connecticut	--	--	--	65	327.3	20.88	173	281.0	18.06
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	5	313.1	19.89	521	264.1	16.86
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	832	314.2	19.84	324	317.6	19.96	1,110	304.2	19.40
New Jersey	199	310.5	19.50	--	--	--	53	285.0	18.12
New York	633	315.4	19.94	320	317.8	19.97	1,055	305.2	19.46
Pennsylvania	--	--	--	4	303.4	19.27	2	276.5	17.70
East North Central	--	--	--	--	--	--	186	283.9	18.56
Illinois	--	--	--	--	--	--	129	290.5	19.00
Indiana	--	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	57	269.0	17.55
Ohio	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	--	--	--	--	--	--	2,910	266.0	16.93
Delaware	--	--	--	--	--	--	190	262.6	16.60
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	2,334	262.0	16.69
Georgia	--	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	386	291.8	18.49
North Carolina	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	--	--	--
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	538	311.4	19.51	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	538	311.4	19.51	--	--	--
U. S. Total	832	314.2	19.84	933	314.7	19.76	4,900	275.7	17.58

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 47. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, April 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	362	421.3	26.81	281	404.3	25.61	--	--	--	337.5	21.51
Connecticut	--	--	--	--	--	--	--	--	--	293.6	18.84
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	362	421.3	26.81	281	404.3	25.61	--	--	--	346.5	22.05
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	523	232.1	14.87	--	--	--	--	--	--	295.1	18.74
New Jersey	--	--	--	--	--	--	--	--	--	305.1	19.21
New York	523	232.1	14.87	--	--	--	--	--	--	294.1	18.70
Pennsylvania	--	--	--	--	--	--	--	--	--	294.4	18.75
East North Central	--	--	--	--	--	--	--	--	--	283.9	18.56
Illinois	--	--	--	--	--	--	--	--	--	290.5	19.00
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	--	--	--	269.0	17.55
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	1,718	242.1	15.38	511	215.6	13.60	--	--	--	253.0	16.08
Delaware	15	294.0	18.78	--	--	--	--	--	--	264.9	16.76
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,361	244.5	15.54	511	215.6	13.60	--	--	--	250.8	15.94
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	342	230.2	14.63	--	--	--	--	--	--	262.8	16.68
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	13	174.1	11.12	--	--	--	174.1	11.12
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	13	174.1	11.12	--	--	--	174.1	11.12
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	2	200.6	12.78	--	--	--	--	--	--	200.6	12.78
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	2	200.6	12.78	--	--	--	--	--	--	200.6	12.78
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	311.4	19.51
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	311.4	19.51
U. S. Total	2,605	264.9	16.87	804	280.9	17.75	--	--	--	280.0	17.80

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,
April 1993**

Census Division and State	Natural		Blast-Furnace		Refinery		Total	
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)
New England	3,714	3,834	--	--	--	--	3,714	3,834
Connecticut	9	9	--	--	--	--	9	9
Maine	--	--	--	--	--	--	--	--
Massachusetts	3,684	3,804	--	--	--	--	3,684	3,804
New Hampshire	6	6	--	--	--	--	6	6
Rhode Island	--	--	--	--	--	--	--	--
Vermont	15	15	--	--	--	--	15	15
Middle Atlantic	15,072	15,563	--	--	--	--	15,072	15,563
New Jersey	417	431	--	--	--	--	417	431
New York	14,383	14,852	--	--	--	--	14,383	14,852
Pennsylvania	271	279	--	--	--	--	271	279
East North Central	1,694	1,714	615	48	--	--	2,309	1,762
Illinois	848	861	--	--	--	--	848	861
Indiana	426	429	--	--	--	--	426	429
Michigan	59	59	615	48	--	--	674	107
Ohio	30	31	--	--	--	--	30	31
Wisconsin	331	334	--	--	--	--	331	334
West North Central	972	959	--	--	--	--	972	959
Iowa	201	201	--	--	--	--	201	201
Kansas	536	525	--	--	--	--	536	525
Minnesota	83	84	--	--	--	--	83	84
Missouri	54	54	--	--	--	--	54	54
Nebraska	99	95	--	--	--	--	99	95
North Dakota	*	*	--	--	--	--	*	*
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	14,212	14,395	--	--	--	--	14,212	14,395
Delaware	33	34	--	--	--	--	33	34
District of Columbia	--	--	--	--	--	--	--	--
Florida	12,552	12,676	--	--	--	--	12,552	12,676
Georgia	30	31	--	--	--	--	30	31
Maryland	144	149	--	--	--	--	144	149
North Carolina	90	93	--	--	--	--	90	93
South Carolina	18	18	--	--	--	--	18	18
Virginia	1,317	1,366	--	--	--	--	1,317	1,366
West Virginia	28	28	--	--	--	--	28	28
East South Central	569	572	--	--	--	--	569	572
Alabama	130	133	--	--	--	--	130	133
Kentucky	22	23	--	--	--	--	22	23
Mississippi	417	417	--	--	--	--	417	417
Tennessee	--	--	--	--	--	--	--	--
West South Central	93,129	95,705	--	--	--	--	93,129	95,705
Arkansas	277	306	--	--	--	--	277	306
Louisiana	10,895	11,359	--	--	--	--	10,895	11,359
Oklahoma	10,255	10,657	--	--	--	--	10,255	10,657
Texas	71,702	73,382	--	--	--	--	71,702	73,382
Mountain	6,268	6,385	--	--	--	--	6,268	6,385
Arizona	1,371	1,411	--	--	--	--	1,371	1,411
Colorado	194	194	--	--	--	--	194	194
Idaho	--	--	--	--	--	--	--	--
Montana	2	2	--	--	--	--	2	2
Nevada	1,535	1,563	--	--	--	--	1,535	1,563
New Mexico	2,774	2,808	--	--	--	--	2,774	2,808
Utah	384	399	--	--	--	--	384	399
Wyoming	7	7	--	--	--	--	7	7
Pacific	31,900	32,785	--	--	--	--	31,900	32,785
California	31,899	32,785	--	--	--	--	31,899	32,785
Oregon	--	--	--	--	--	--	--	--
Washington	*	*	--	--	--	--	*	*
Pacific Noncontiguous	1,699	1,696	--	--	--	--	1,699	1,696
Alaska	1,699	1,696	--	--	--	--	1,699	1,696
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	169,229	173,609	615	48	--	--	169,844	173,657

* 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	April 1993 Receipts		April 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	3,714	3,834	4,400	4,515	7,282	5,665	285.3	222.1
Connecticut	9	9	389	400	120	901	479.2	245.4
Maine	--	--	--	--	--	--	--	--
Massachusetts	3,684	3,804	3,803	3,905	7,138	4,471	282.2	219.9
New Hampshire	6	6	--	--	6	--	219.2	--
Rhode Island	--	--	86	89	--	150	--	190.5
Vermont	15	15	122	121	18	143	249.9	176.8
Middle Atlantic	15,072	15,563	21,461	22,115	55,481	62,476	271.3	223.2
New Jersey	417	431	3,382	3,505	3,144	7,009	240.5	181.7
New York	14,383	14,852	18,040	18,569	49,279	55,316	274.8	228.3
Pennsylvania	271	279	39	40	3,058	152	247.3	286.7
East North Central	2,309	1,762	4,380	3,468	7,404	13,887	261.9	204.3
Illinois	848	861	919	934	2,125	4,363	280.9	199.3
Indiana	426	429	587	588	1,915	3,226	271.0	238.3
Michigan	674	107	2,309	1,371	1,478	4,251	228.8	175.3
Ohio	30	31	265	274	1,029	1,215	254.4	227.3
Wisconsin	331	334	300	301	857	831	261.1	213.1
West North Central	972	959	1,147	1,134	3,675	4,680	266.7	197.3
Iowa	201	201	139	140	732	528	332.5	264.6
Kansas	536	525	618	605	2,177	2,189	246.7	191.2
Minnesota	83	84	220	223	236	1,332	253.9	167.4
Missouri	54	54	60	60	256	258	257.0	232.1
Nebraska	99	95	110	105	269	371	270.1	220.7
North Dakota	*	*	--	--	*	*	401.9	403.7
South Dakota	--	--	--	--	5	2	262.4	261.8
South Atlantic	14,212	14,395	17,648	17,911	55,274	67,453	245.7	191.5
Delaware	33	34	186	194	270	693	321.4	250.2
District of Columbia	--	--	--	--	--	--	--	--
Florida	12,552	12,676	15,696	15,881	45,861	59,026	236.6	185.5
Georgia	30	31	122	125	115	149	362.0	278.2
Maryland	144	149	285	296	1,107	1,429	282.5	261.7
North Carolina	90	93	155	161	613	887	379.8	260.8
South Carolina	18	18	10	10	101	840	325.1	149.4
Virginia	1,317	1,366	1,193	1,244	7,156	4,391	280.1	229.7
West Virginia	28	28	--	--	51	38	393.0	367.6
East South Central	569	572	5,002	5,132	2,639	15,869	228.0	155.6
Alabama	130	133	207	210	855	911	240.9	182.9
Kentucky	23	23	20	21	59	86	292.9	260.0
Mississippi	417	417	4,775	4,901	1,725	14,873	219.3	153.3
Tennessee	--	--	--	--	--	--	--	--
West South Central	93,129	95,705	112,142	115,431	360,921	379,124	246.6	199.1
Arkansas	277	306	4,060	4,143	1,241	9,108	140.0	135.9
Louisiana	10,895	11,359	21,289	22,109	43,284	64,853	224.4	143.7
Oklahoma	10,255	10,657	13,495	13,974	39,453	45,719	329.3	304.0
Texas	71,702	73,382	73,298	75,205	276,943	259,444	238.7	196.8
Mountain	6,268	6,385	6,772	6,957	20,683	21,356	237.0	175.5
Arizona	1,371	1,411	2,180	2,248	4,223	7,252	278.5	197.5
Colorado	194	194	80	81	655	513	237.9	200.3
Idaho	--	--	--	--	--	--	--	--
Montana	2	2	3	4	21	22	446.5	687.1
Nevada	1,535	1,563	2,125	2,187	5,290	5,523	244.8	148.1
New Mexico	2,774	2,808	1,900	1,920	8,593	6,068	222.8	170.1
Utah	384	399	472	504	1,860	1,945	182.1	173.5
Wyoming	7	7	12	13	41	34	309.4	326.9
Pacific Contiguous	31,900	32,785	43,733	45,094	162,000	173,974	303.2	251.6
California	31,899	32,785	43,733	45,094	156,814	169,357	305.9	254.0
Oregon	--	--	--	--	5,180	4,607	221.5	163.5
Washington	*	*	*	*	6	10	384.0	317.7
Pacific Noncontiguous	1,699	1,696	1,783	1,783	7,258	7,049	119.8	115.7
Alaska	1,699	1,696	1,783	1,783	7,258	7,049	119.8	115.7
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	169,844	173,657	218,468	223,540	682,617	751,533	260.9	210.5

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, April 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	9	837.8	8.63	3,705	278.9	2.88	--	--	--	3,714	280.3	2.89
Connecticut	9	837.8	8.63	--	--	--	--	--	--	9	837.8	8.63
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	3,684	279.2	2.88	--	--	--	3,684	279.2	2.88
New Hampshire	--	--	--	6	219.2	2.22	--	--	--	6	219.2	2.22
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	15	230.9	2.28	--	--	--	15	230.9	2.28
Middle Atlantic	5,535	283.3	2.93	7,927	279.0	2.88	1,610	256.8	2.65	15,072	278.2	2.87
New Jersey	--	--	--	417	263.2	2.72	--	--	--	417	263.2	2.72
New York	5,530	283.3	2.93	7,243	279.0	2.88	1,610	256.8	2.65	14,383	278.1	2.87
Pennsylvania	5	313.1	3.22	266	304.9	3.14	--	--	--	271	305.1	3.14
East North Central	376	295.5	2.97	1,185	251.7	1.33	748	247.5	2.51	2,309	259.3	1.98
Illinois	56	392.9	3.97	46	275.9	2.80	746	246.9	2.51	848	258.1	2.62
Indiana	277	260.1	2.60	149	247.0	2.52	--	--	--	426	255.5	2.57
Michigan	8	388.5	3.88	665	226.8	.34	--	--	--	674	239.5	.38
Ohio	14	337.7	3.50	14	369.3	3.79	2	459.0	4.70	30	360.5	3.72
Wisconsin	20	436.9	4.44	311	252.8	2.55	--	--	--	331	264.0	2.66
West North Central	339	260.5	2.53	630	281.0	2.80	3	254.6	2.55	972	273.9	2.70
Iowa	24	372.5	3.79	177	325.9	3.26	--	--	--	201	331.6	3.33
Kansas	303	248.2	2.40	229	272.0	2.72	3	254.6	2.55	536	258.6	2.53
Minnesota	4	495.1	5.04	79	254.1	2.58	--	--	--	83	264.3	2.68
Missouri	--	--	--	54	253.4	2.56	--	--	--	54	253.4	2.56
Nebraska	8	263.6	2.61	91	255.3	2.44	--	--	--	99	255.9	2.45
North Dakota	--	--	--	*	401.9	4.27	--	--	--	*	401.9	4.27
South Dakota	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	10,341	255.0	2.57	2,297	276.8	2.84	1,574	274.1	2.84	14,212	260.8	2.64
Delaware	33	513.7	5.31	--	--	--	--	--	--	33	513.7	5.31
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	10,309	254.2	2.56	1,984	268.2	2.75	259	255.8	2.66	12,552	256.5	2.59
Georgia	--	--	--	30	371.4	3.82	--	--	--	30	371.4	3.82
Maryland	--	--	--	144	299.5	3.10	--	--	--	144	299.5	3.10
North Carolina	--	--	--	90	327.9	3.38	--	--	--	90	327.9	3.38
South Carolina	--	--	--	18	312.2	3.18	--	--	--	18	312.2	3.18
Virginia	--	--	--	2	1,453.3	15.11	1,315	277.7	2.88	1,317	279.9	2.90
West Virginia	--	--	--	28	380.0	3.80	--	--	--	28	380.0	3.80
East South Central	1	292.9	2.79	549	238.8	2.40	19	312.4	3.20	569	241.4	2.43
Alabama	--	--	--	130	262.4	2.69	--	--	--	130	262.4	2.69
Kentucky	--	--	--	4	334.0	3.34	19	312.4	3.20	22	315.8	3.22
Mississippi	1	292.9	2.79	416	230.4	2.30	--	--	--	417	230.6	2.30
Tennessee	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	75,166	265.6	2.73	12,932	229.8	2.34	5,032	235.7	2.45	93,129	259.1	2.66
Arkansas	266	142.2	1.57	11	252.5	2.63	--	--	--	277	146.3	1.61
Louisiana	7,061	248.6	2.59	2,059	237.5	2.46	1,775	239.6	2.53	10,895	245.1	2.55
Oklahoma	9,500	334.7	3.48	755	216.8	2.21	--	--	--	10,255	326.2	3.39
Texas	58,339	256.9	2.63	10,106	229.2	2.33	3,257	233.5	2.40	71,702	252.0	2.58
Mountain	2,038	242.0	2.43	3,401	223.7	2.29	829	236.8	2.45	6,268	231.3	2.36
Arizona	766	268.8	2.76	75	492.2	5.06	530	205.9	2.12	1,371	256.7	2.64
Colorado	33	194.8	1.91	161	228.0	2.28	--	--	--	194	222.4	2.22
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	* 2	772.5	9.09	*	424.1	4.64	--	--	--	2	757.1	8.88
Nevada	--	--	--	1,401	212.0	2.16	134	284.6	2.93	1,535	218.4	2.22
New Mexico	1,237	225.1	2.23	1,372	232.2	2.38	165	295.7	3.12	2,774	233.0	2.36
Utah	--	--	--	384	179.8	1.87	--	--	--	384	179.8	1.87
Wyoming	--	--	--	7	327.7	3.41	--	--	--	7	327.7	3.41
Pacific	--	--	--	8,428	342.2	3.50	23,472	300.7	3.10	31,900	311.6	3.20
California	--	--	--	8,427	342.2	3.50	23,472	300.7	3.10	31,899	311.6	3.20
Oregon	--	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	*	621.0	6.52	--	--	--	*	621.0	6.52
Pacific Noncontiguous	1,699	114.3	1.14	--	--	--	--	--	--	1,699	114.3	1.14
Alaska	1,699	114.3	1.14	--	--	--	--	--	--	1,699	114.3	1.14
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	95,505	262.6	2.69	41,052	270.8	2.74	33,287	284.6	2.93	169,844	268.9	2.75

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 May 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	--
Year to Date										
1993 ⁴	393,699	--	307,532	--	396,289	--	39,162	--	1,136,681	--
1992 ⁴	379,951	--	300,531	--	389,610	--	37,989	--	1,108,081	--

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, May 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	2,590	2,792	2,939	2,907	2,102	2,165	161	153	7,792	8,018
Connecticut	685	752	834	802	449	463	26	28	1,994	2,045
Maine	275	296	203	208	394	390	31	13	903	908
Massachusetts	1,086	1,153	1,429	1,422	774	782	80	84	3,369	3,442
New Hampshire	243	281	164	172	260	301	9	10	676	764
Rhode Island	167	176	192	188	120	117	12	14	491	495
Vermont	135	135	115	113	105	112	4	4	359	364
Middle Atlantic	6,749	7,066	8,176	8,058	7,472	7,572	989	1,082	23,386	23,777
New Jersey	1,402	1,382	2,188	2,126	1,209	1,232	36	36	4,834	4,776
New York	2,706	2,894	3,499	3,541	2,452	2,604	870	930	9,528	9,968
Pennsylvania	2,641	2,790	2,489	2,391	3,810	3,736	84	116	9,024	9,033
East North Central	9,432	9,654	9,379	8,961	17,156	16,989	1,265	1,247	37,231	36,849
Illinois	2,197	2,253	2,705	2,494	3,222	3,369	665	680	8,789	8,796
Indiana	1,482	1,511	1,300	1,238	3,388	3,180	34	49	6,204	5,978
Michigan	1,851	1,907	1,756	1,703	3,095	2,988	89	96	6,791	6,695
Ohio	2,640	2,708	2,540	2,492	5,689	5,757	367	371	11,236	11,328
Wisconsin	1,262	1,275	1,079	1,033	1,761	1,695	110	50	4,212	4,053
West North Central	4,688	4,711	4,224	4,117	5,819	5,376	452	385	15,184	14,590
Iowa	765	708	596	546	1,125	977	150	63	2,636	2,294
Kansas	604	586	755	753	760	652	32	31	2,151	2,022
Minnesota	1,060	1,122	665	676	2,047	1,857	47	63	3,819	3,718
Missouri	1,405	1,420	1,540	1,471	1,189	1,227	75	71	4,209	4,190
Nebraska	449	461	417	425	409	362	77	92	1,352	1,339
North Dakota	198	217	135	132	145	154	42	36	520	539
South Dakota	207	197	116	114	144	148	30	29	497	488
South Atlantic	14,737	14,539	13,098	12,370	13,217	12,778	1,467	1,408	42,520	41,095
Delaware	180	186	191	186	270	260	5	6	646	638
District of Columbia	99	93	443	391	252	238	27	26	821	748
Florida	5,067	4,987	4,278	4,140	1,405	1,353	364	385	11,115	10,865
Georgia	2,229	2,081	2,013	1,901	2,494	2,297	79	70	6,816	6,350
Maryland	1,334	1,263	866	773	1,643	1,500	67	52	3,911	3,588
North Carolina	2,252	2,269	2,099	1,986	2,603	2,690	152	136	7,105	7,081
South Carolina	1,194	1,148	1,021	927	2,233	2,213	65	62	4,513	4,351
Virginia	1,824	1,942	1,777	1,665	1,475	1,378	699	663	5,775	5,647
West Virginia	558	570	410	401	842	848	7	8	1,817	1,827
East South Central	5,208	5,276	3,245	3,040	10,269	9,694	407	394	19,129	18,404
Alabama	1,444	1,438	1,011	946	2,589	2,417	57	50	5,101	4,851
Kentucky	1,088	1,104	792	730	3,285	3,120	220	212	5,384	5,167
Mississippi	824	829	564	528	1,142	1,088	45	48	2,575	2,493
Tennessee	1,853	1,904	878	836	3,252	3,069	86	84	6,068	5,893
West South Central	8,071	8,508	7,231	7,424	11,327	10,781	1,284	1,344	27,912	28,057
Arkansas	699	655	503	495	937	866	45	54	2,184	2,070
Louisiana	1,430	1,507	1,060	1,118	2,269	2,236	186	229	4,944	5,090
Oklahoma	854	880	806	796	1,003	952	182	175	2,845	2,803
Texas	5,087	5,465	4,862	5,015	7,118	6,727	871	886	17,939	18,093
Mountain	3,785	3,736	4,370	4,635	4,851	5,126	547	569	13,553	14,065
Arizona	1,136	1,180	1,223	1,232	961	880	146	156	3,466	3,448
Colorado	796	742	1,132	1,195	581	527	70	47	2,578	2,511
Idaho	429	441	422	612	634	1,029	28	66	1,513	2,148
Montana	229	226	223	224	489	544	31	39	972	1,032
Nevada	453	443	385	377	627	641	96	86	1,561	1,546
New Mexico	269	267	378	386	402	343	122	103	1,172	1,100
Utah	343	316	427	434	500	534	44	61	1,313	1,346
Wyoming	130	121	181	174	658	628	9	11	978	933
Pacific Contiguous	8,275	8,053	8,388	8,681	9,530	9,363	1,001	1,166	27,194	27,262
California	4,798	4,911	5,986	6,367	5,251	4,814	630	747	16,665	16,839
Oregon	1,185	1,068	923	942	1,286	1,305	51	53	3,446	3,368
Washington	2,292	2,074	1,479	1,372	2,993	3,244	320	366	7,083	7,056
Pacific Noncontiguous	316	329	369	367	359	347	29	19	1,074	1,062
Alaska	114	125	163	166	38	33	24	14	340	338
Hawaii	202	204	207	202	320	314	5	5	734	724
U.S. Total	63,852	64,662	61,420	60,559	82,100	80,191	7,602	7,767	214,975	213,179

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, May 1993
(Percent)**

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.3	0.2	0.4	3.3	0.2
Connecticut	.2	.2	.5	2.3	.2
Maine	.1	.0	.4	11.0	.9
Massachusetts	.7	.4	.8	5.1	.3
New Hampshire	.5	1.4	1.5	1.1	.5
Rhode Island	.1	.2	.1	2.0	.1
Vermont	1.0	.3	1.4	17.4	.2
Middle Atlantic	1.2	.6	.8	2.2	.6
New Jersey	.3	.3	.5	1.0	.5
New York	2.4	1.1	.9	.2	1.3
Pennsylvania	1.8	1.5	1.3	26.3	.9
East North Central	.7	.8	1.0	5.3	.5
Illinois	1.3	2.6	1.2	3.8	.6
Indiana	1.8	1.6	1.5	17.9	1.7
Michigan	1.2	.4	1.3	1.7	.7
Ohio	1.5	.9	2.6	3.5	1.3
Wisconsin	1.5	.3	1.5	55.1	1.3
West North Central	1.1	.8	1.6	8.4	.8
Iowa	1.4	1.7	6.5	22.4	3.0
Kansas	3.7	4.1	6.7	7.8	4.2
Minnesota	4.0	1.3	1.0	5.7	.5
Missouri	.6	.3	.5	2.4	.3
Nebraska	.6	2.1	2.5	21.8	.9
North Dakota	2.4	3.3	1.5	2.5	1.2
South Dakota	.4	.8	.5	13.9	.7
South Atlantic	.4	.4	.7	.8	.3
Delaware	.7	.1	.4	3.3	.5
District of Columbia	.0	.0	.0	.0	.0
Florida	.8	.6	2.6	2.9	.4
Georgia	1.0	.3	.8	2.0	1.3
Maryland	1.1	1.1	.3	6.3	.6
North Carolina	1.6	2.1	2.9	1.8	.3
South Carolina	.7	1.8	1.0	1.4	1.4
Virginia	.4	.3	.2	.1	.3
West Virginia	2.6	.1	1.9	4.8	.5
East South Central	.9	2.2	1.4	1.7	1.6
Alabama	1.5	4.6	.4	4.6	2.0
Kentucky	2.3	1.2	3.9	.2	4.7
Mississippi	3.6	5.2	2.1	13.9	4.4
Tennessee	.6	4.9	1.7	1.3	.8
West South Central	1.2	.2	.4	.8	.6
Arkansas	1.4	.2	1.8	4.4	1.1
Louisiana	3.7	.9	.2	3.3	.6
Oklahoma	1.1	.7	1.7	.4	1.0
Texas	1.5	.2	.5	.9	.9
Mountain	1.1	1.1	.8	10.9	.9
Arizona	1.2	.7	1.8	8.3	1.2
Colorado	4.7	4.3	3.5	17.1	4.3
Idaho	1.7	1.2	2.8	2.2	1.1
Montana	.8	.3	2.3	5.7	2.5
Nevada	.1	.2	1.4	5.1	.7
New Mexico	.8	2.4	2.6	3.8	1.4
Utah	.7	1.5	2.1	127.6	.8
Wyoming	2.4	1.0	1.9	20.2	.8
Pacific Contiguous	.8	2.2	2.7	8.2	.8
California	.5	3.1	4.2	12.6	.8
Oregon	1.1	.2	1.4	25.8	.6
Washington	2.8	.8	4.4	5.2	2.6
Pacific Noncontiguous	.5	.5	.5	33.6	.4
Alaska	1.3	1.1	3.4	40.3	1.2
Hawaii	.2	.2	.5	.3	.3
U.S. Total	.3	.4	.4	1.7	.2

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 May 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	17,009	17,191	15,890	15,783	10,548	10,737	925	872	44,372	44,583
Connecticut	4,658	4,678	4,300	4,330	2,190	2,295	154	161	11,302	11,464
Maine	1,711	1,792	1,148	1,150	2,007	1,947	139	71	5,006	4,960
Massachusetts	7,099	7,142	7,872	7,749	3,834	3,913	491	489	19,297	19,294
New Hampshire	1,589	1,610	900	886	1,380	1,418	46	50	3,916	3,965
Rhode Island	1,055	1,055	1,029	1,029	574	557	76	78	2,733	2,718
Vermont	896	914	641	639	563	607	19	22	2,119	2,182
Middle Atlantic	43,138	43,387	43,530	42,970	36,887	37,441	5,698	5,811	129,253	129,610
New Jersey	8,585	8,243	11,254	10,988	5,815	6,044	207	205	25,861	25,481
New York	16,476	16,963	19,077	18,919	12,408	12,949	4,921	4,987	52,882	53,819
Pennsylvania	18,077	18,180	13,198	13,063	18,665	18,448	570	619	50,511	50,310
East North Central	60,468	58,429	48,259	46,040	84,254	82,818	6,662	6,435	199,644	193,721
Illinois	14,400	13,690	14,046	12,846	16,134	17,120	3,616	3,537	48,196	47,193
Indiana	10,298	9,537	6,718	6,352	16,150	15,084	198	268	33,363	31,241
Michigan	10,948	10,915	8,811	8,653	15,103	14,284	534	509	35,396	34,362
Ohio	17,591	17,005	13,155	12,826	28,301	28,292	1,794	1,856	60,841	59,979
Wisconsin	7,231	7,281	5,529	5,362	8,567	8,038	520	265	21,846	20,946
West North Central	29,921	28,268	21,739	20,491	28,048	26,678	2,307	1,965	82,015	77,402
Iowa	4,634	4,281	3,000	2,774	5,446	4,873	630	329	13,709	12,258
Kansas	3,781	3,328	3,911	3,651	3,687	3,261	173	146	11,553	10,386
Minnesota	6,388	6,564	3,481	3,471	9,851	9,532	268	331	19,988	19,898
Missouri	9,215	8,609	7,733	7,197	5,578	5,771	388	367	22,914	21,944
Nebraska	2,939	2,785	2,161	2,070	1,975	1,721	452	445	7,527	7,021
North Dakota	1,554	1,456	798	731	784	821	220	192	3,355	3,199
South Dakota	1,410	1,245	655	597	728	699	176	155	2,968	2,696
South Atlantic	88,949	85,906	63,525	61,328	63,321	62,048	7,271	7,092	223,066	216,374
Delaware	1,279	1,242	1,045	1,010	1,338	1,279	24	24	3,686	3,556
District of Columbia	619	625	2,102	2,051	1,143	1,151	140	139	4,005	3,965
Florida	26,074	26,018	20,357	19,536	6,600	6,594	1,782	1,807	54,813	53,955
Georgia	11,769	11,268	9,492	9,158	11,459	10,845	395	352	33,115	31,624
Maryland	8,974	8,523	4,457	4,252	8,041	7,925	343	285	21,815	20,985
North Carolina	15,284	14,591	10,246	9,958	13,052	12,726	742	711	39,325	37,986
South Carolina	7,839	7,136	4,897	4,629	10,462	10,388	321	322	23,520	22,475
Virginia	13,306	12,774	8,745	8,565	6,837	6,742	3,484	3,406	32,372	31,487
West Virginia	3,804	3,730	2,182	2,170	4,389	4,397	40	46	10,415	10,342
East South Central	33,385	31,766	15,263	14,752	49,071	46,063	2,000	1,975	99,718	94,557
Alabama	8,128	7,966	4,421	4,311	12,120	11,248	274	272	24,943	23,797
Kentucky	7,528	7,063	3,828	3,613	15,833	15,118	1,083	1,046	28,272	26,840
Mississippi	4,676	4,363	2,584	2,398	5,510	5,240	219	231	12,988	12,233
Tennessee	13,053	12,374	4,430	4,430	15,609	14,457	424	425	33,515	31,687
West South Central	45,669	44,241	34,899	34,665	55,239	52,837	6,095	5,947	141,901	137,690
Arkansas	4,339	3,803	2,432	2,318	4,485	4,237	210	249	11,466	10,607
Louisiana	7,011	7,277	5,085	5,194	11,429	11,068	953	996	24,479	24,534
Oklahoma	5,606	4,967	4,029	3,812	4,767	4,568	837	804	15,238	14,151
Texas	28,713	28,194	23,353	23,342	34,558	32,963	4,095	3,899	90,719	88,398
Mountain	22,084	20,891	20,825	20,922	22,998	23,933	2,994	2,319	68,902	68,066
Arizona	5,836	5,736	5,410	5,371	4,416	4,007	614	642	16,276	15,756
Colorado	4,922	4,496	5,929	6,039	2,848	2,547	379	252	14,078	13,334
Idaho	2,928	2,842	1,708	1,961	2,959	4,514	137	104	7,732	9,421
Montana	1,623	1,389	1,235	1,135	2,403	2,706	214	197	5,474	5,428
Nevada	2,289	2,183	1,651	1,563	2,828	2,869	707	342	7,474	6,957
New Mexico	1,602	1,573	1,825	1,850	1,915	1,715	536	468	5,878	5,606
Utah	1,993	1,845	2,054	2,067	2,464	2,448	349	265	6,859	6,625
Wyoming	892	826	1,013	936	3,167	3,128	58	50	5,131	4,940
Pacific Contiguous	51,336	48,107	41,791	41,763	44,219	45,365	5,097	5,472	142,443	140,707
California	27,422	26,967	28,457	29,302	24,433	23,518	3,108	3,487	83,420	83,273
Oregon	8,071	6,962	5,004	4,879	5,765	6,144	255	175	19,094	18,160
Washington	15,843	14,178	8,331	7,582	14,021	15,703	1,734	1,811	39,929	39,273
Pacific Noncontiguous	1,739	1,765	1,813	1,816	1,703	1,691	112	100	5,367	5,372
Alaska	730	761	875	878	193	175	88	76	1,886	1,890
Hawaii	1,009	1,003	938	938	1,509	1,516	24	24	3,481	3,482
U.S. Total	393,699	379,951	307,532	300,531	396,289	389,610	39,162	37,989	1,136,681	1,108,081

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 May 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	--
Year to Date										
1993 ³	31,406	--	22,936	--	18,529	--	2,588	--	75,458	--
1992 ³	30,278	--	22,245	--	18,321	--	2,444	--	73,288	--

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, May 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	296	306	285	276	168	172	21	19	770	773
Connecticut	82	89	86	86	39	40	4	4	211	219
Maine	31	33	18	18	24	23	3	2	76	76
Massachusetts	123	121	135	127	66	66	10	9	335	324
New Hampshire	30	32	18	18	22	25	1	1	71	77
Rhode Island	19	19	19	17	10	9	2	2	49	48
Vermont	12	12	9	9	7	8			28	29
Middle Atlantic	775	766	833	771	477	479	104	98	2,190	2,114
New Jersey	157	149	216	199	97	95	7	7	477	450
New York	364	355	405	373	154	156	87	78	1,010	962
Pennsylvania	254	262	211	199	227	227	10	13	702	702
East North Central	802	825	689	672	783	795	84	87	2,359	2,379
Illinois	223	234	202	195	165	181	43	45	633	656
Indiana	108	111	78	76	133	125	4	4	323	316
Michigan	148	153	147	142	178	179	9	9	482	483
Ohio	232	236	196	197	235	240	22	24	686	698
Wisconsin	91	90	65	62	72	70	6	4	235	226
West North Central	358	356	276	265	257	239	29	26	921	886
Iowa	63	59	37	34	42	39	8	4	150	136
Kansas	49	50	52	50	34	32	3	4	138	135
Minnesota	79	76	43	40	93	80	4	5	218	202
Missouri	110	113	104	101	58	60	6	5	278	279
Nebraska	28	29	23	23	16	14	6	6	74	71
North Dakota	14	14	9	9	7	7	2	2	32	32
South Dakota	15	15	8	8	7	7	1	1	31	30
South Atlantic	1,204	1,146	893	814	615	587	95	91	2,807	2,638
Delaware	16	16	13	13	13	12	1	1	42	42
District of Columbia	7	5	33	23	13	11	2	2	55	41
Florida	418	385	294	271	74	66	25	26	810	749
Georgia	176	164	152	143	118	111	7	6	453	424
Maryland	119	104	67	51	83	78	5	5	275	239
North Carolina	186	187	136	129	130	128	11	10	462	455
South Carolina	88	90	63	57	87	87	4	4	242	238
Virginia	157	158	112	103	65	59	40	38	373	357
West Virginia	37	36	24	23	32	33	1	1	94	93
East South Central	337	339	207	196	407	398	24	24	976	957
Alabama	100	101	67	66	112	109	3	4	281	279
Kentucky	65	65	43	39	101	101	11	10	220	215
Mississippi	63	62	42	38	53	48	4	4	162	152
Tennessee	109	111	56	52	141	142	6	6	312	311
West South Central	667	688	508	509	493	461	86	79	1,755	1,737
Arkansas	58	57	35	36	44	45	3	4	140	142
Louisiana	112	115	79	79	99	90	16	13	305	297
Oklahoma	66	63	51	47	42	34	11	10	170	155
Texas	431	453	343	346	309	292	56	53	1,139	1,144
Mountain	292	284	289	296	200	206	33	31	814	818
Arizona	113	115	102	101	56	53	9	10	279	279
Colorado	60	54	68	70	27	25	6	4	161	153
Idaho	22	22	19	27	16	30	1	3	58	81
Montana	13	12	10	11	14	14	1	2	38	39
Nevada	28	27	23	22	26	25	4	4	81	78
New Mexico	25	25	31	32	20	17	9	6	85	80
Utah	24	22	26	25	19	20	2	3	71	69
Wyoming	8	8	9	9	22	23	1	1	40	39
Pacific Contiguous	703	693	734	752	462	449	45	46	1,944	1,940
California	547	553	626	650	356	344	31	33	1,559	1,579
Oregon	57	52	44	44	40	37	3	3	145	136
Washington	99	88	63	59	67	68	11	10	239	225
Pacific Noncontiguous	38	34	39	36	32	25	3	3	113	99
Alaska	13	14	15	17	3	3	2	2	34	35
Hawaii	25	21	24	20	29	23	1		78	63
U.S. Total	5,473	5,436	4,754	4,588	3,895	3,812	525	504	14,647	14,340

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: •Estimates 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, May 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.6	0.3	0.6	1.3	0.4
Connecticut	.4	.4	.3	.6	.3
Maine	.5	.3	1.1	7.8	.8
Massachusetts	1.4	.6	1.3	1.3	1.0
New Hampshire	2.2	1.0	1.8	.9	.8
Rhode Island	.2	.1	.4	.3	.1
Vermont	1.8	.4	4.4	1.6	1.9
Middle Atlantic	1.6	1.2	2.1	3.6	1.3
New Jersey	.4	.2	.3	.2	.4
New York	2.9	2.4	5.7	3.8	2.7
Pennsylvania	2.5	1.4	2.1	18.5	1.6
East North Central	.8	1.1	1.0	2.9	.8
Illinois	1.0	3.1	1.1	2.9	1.6
Indiana	1.9	1.4	1.2	7.5	1.1
Michigan	2.2	.8	2.5	1.2	1.8
Ohio	2.0	2.1	2.4	4.6	1.9
Wisconsin	1.6	.6	.8	31.5	1.0
West North Central	.9	1.1	1.6	6.2	.9
Iowa	1.0	1.3	4.3	15.7	.7
Kansas	4.9	5.0	9.5	10.5	5.9
Minnesota	2.1	.6	1.9	3.9	.7
Missouri	.7	1.1	1.3	.8	.8
Nebraska	.9	3.0	1.3	20.8	1.7
North Dakota	1.0	2.1	2.2	3.8	1.1
South Dakota	1.2	1.8	1.7	6.7	1.7
South Atlantic	.5	.6	.6	1.0	.5
Delaware	1.7	1.5	2.0	.6	1.2
District of Columbia	.0	.0	.0	.0	.0
Florida	1.1	1.3	3.4	3.6	1.4
Georgia	.8	.3	.3	1.9	.8
Maryland	1.8	2.5	2.4	.4	2.6
North Carolina	.3	2.1	1.0	1.8	1.0
South Carolina	1.5	1.6	1.3	1.3	1.5
Virginia	.1	.0	.2	.4	.2
West Virginia	1.8	.6	.9	.5	.4
East South Central	.8	2.1	.9	1.6	.9
Alabama	1.9	4.2	.5	3.6	2.0
Kentucky	2.3	2.0	2.9	.6	2.4
Mississippi	2.1	3.2	2.3	8.7	2.8
Tennessee	.6	5.4	1.3	1.2	.4
West South Central	1.4	1.5	1.4	2.6	1.3
Arkansas	2.1	2.5	6.6	6.3	3.4
Louisiana	3.8	.6	.5	4.0	1.5
Oklahoma	2.7	4.1	1.6	.9	3.4
Texas	1.9	2.1	2.0	3.8	1.9
Mountain	1.3	1.2	1.0	7.0	1.1
Arizona	1.8	1.0	1.9	3.9	1.4
Colorado	5.3	4.5	3.4	9.9	4.5
Idaho	2.2	1.8	2.6	3.8	.6
Montana	2.9	2.0	3.4	4.7	1.8
Nevada	.3	.1	3.9	4.6	1.2
New Mexico	2.8	3.8	2.6	6.8	2.8
Utah	1.2	.6	2.3	92.1	.2
Wyoming	1.3	1.0	1.9	11.9	.8
Pacific Contiguous	.6	1.2	6.9	3.0	1.3
California	.4	1.4	8.8	3.6	1.5
Oregon	1.3	.8	2.4	13.6	.8
Washington	3.9	2.2	8.2	6.1	3.9
Pacific Noncontiguous	1.1	1.1	.9	17.2	.9
Alaska	2.0	2.5	6.8	21.2	2.2
Hawaii	1.4	1.0	.6	1.3	1.0
U.S. Total	.3	.4	.9	1.2	.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 May 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	1,887	1,836	1,521	1,459	868	879	109	95	4,385	4,270
Connecticut	527	510	434	426	186	137	22	22	1,168	1,145
Maine	109	207	117	115	153	147	14	9	484	478
Massachusetts	764	729	708	665	317	335	55	47	1,844	1,776
New Hampshire	191	182	97	91	16	114	7	6	411	394
Rhode Island	116	115	101	98	51	49	8	8	275	271
Vermont	91	94	64	63	45	47	2	3	202	207
Middle Atlantic	4,631	4,490	4,192	3,969	2,339	2,378	523	498	11,685	11,335
New Jersey	925	857	1,071	1,000	461	460	35	34	2,493	2,350
New York	2,074	1,975	2,040	1,909	753	757	422	395	5,288	5,036
Pennsylvania	1,632	1,658	1,081	1,060	1,125	1,161	66	69	3,904	3,949
East North Central	4,754	4,666	3,433	3,333	3,807	3,833	432	431	12,426	12,263
Illinois	1,326	1,313	1,008	963	810	885	226	227	3,370	3,387
Indiana	658	639	390	380	623	586	19	21	1,699	1,627
Michigan	879	879	731	716	865	859	50	48	2,526	2,502
Ohio	1,374	1,343	975	958	1,165	1,175	110	115	3,624	3,591
Wisconsin	507	492	329	317	344	328	27	19	1,206	1,156
West North Central	2,020	1,947	1,305	1,247	1,194	1,137	137	121	4,656	4,452
Iowa	346	334	178	169	196	190	33	20	756	712
Kansas	280	253	258	243	176	161	16	13	730	671
Minnesota	443	425	208	198	425	395	19	23	1,095	1,042
Missouri	596	605	450	439	246	256	27	26	1,319	1,326
Nebraska	167	159	118	111	79	66	27	27	390	363
North Dakota	93	86	51	46	38	37	8	8	190	177
South Dakota	94	85	42	40	33	31	7	5	176	161
South Atlantic	6,769	6,491	4,154	4,036	2,835	2,824	461	456	14,218	13,808
Delaware	105	101	70	67	63	58	3	3	241	229
District of Columbia	38	36	128	115	54	52	9	8	229	211
Florida	2,085	2,034	1,368	1,310	338	330	119	124	3,911	3,799
Georgia	850	820	713	691	530	514	35	31	2,127	2,057
Maryland	659	627	284	264	381	396	26	25	1,350	1,311
North Carolina	1,210	1,156	661	645	612	602	53	51	2,536	2,454
South Carolina	562	539	304	279	409	413	19	19	1,293	1,249
Virginia	1,025	952	499	541	274	292	194	193	1,991	1,977
West Virginia	236	226	126	123	173	168	4	4	539	520
East South Central	2,022	1,926	964	933	1,937	1,870	116	116	5,039	4,845
Alabama	532	527	295	298	496	492	16	18	1,338	1,335
Kentucky	417	389	202	190	510	491	50	48	1,179	1,118
Mississippi	324	304	192	174	249	230	20	20	785	727
Tennessee	749	705	275	272	682	658	30	31	1,736	1,666
West South Central	3,356	3,284	2,399	2,329	2,361	2,226	394	355	8,510	8,194
Arkansas	341	308	163	161	207	213	14	17	726	699
Louisiana	532	543	379	379	490	453	73	67	1,475	1,442
Oklahoma	374	342	230	214	181	165	45	36	830	757
Texas	2,108	2,091	1,626	1,574	1,483	1,396	262	235	5,479	5,296
Mountain	1,605	1,514	1,361	1,339	950	950	173	130	4,089	3,933
Arizona	534	520	446	436	247	235	37	40	1,265	1,231
Colorado	353	312	342	334	130	114	29	21	854	781
Idaho	145	140	79	91	82	123	7	5	313	358
Montana	91	85	66	60	75	77	9	9	240	231
Nevada	150	139	106	99	121	118	29	15	406	370
New Mexico	144	143	150	154	93	81	44	26	431	404
Utah	136	128	121	118	91	90	15	11	363	347
Wyoming	51	48	51	48	111	112	3	3	217	212
Pacific Contiguous	4,159	3,942	3,418	3,421	2,085	2,100	231	228	9,892	9,690
California	3,055	2,994	2,792	2,845	1,557	1,568	155	158	7,559	7,566
Oregon	392	340	250	238	194	188	16	12	852	777
Washington	711	608	375	338	34	344	60	57	1,481	1,348
Pacific Noncontiguous	203	182	190	178	153	124	13	14	559	497
Alaska	79	80	80	85	17	13	10	11	186	190
Hawaii	123	102	110	93	136	111	3	2	372	308
U.S. Total	31,406	30,278	22,936	22,245	18,529	18,321	2,588	2,444	75,458	73,288

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 May 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	--
Year-to-Date Average										
1993 Average ³	8.0	--	7.5	--	4.7	--	6.6	--	6.6	--
1992 Average ³	8.0	--	7.4	--	4.7	--	6.4	--	6.6	--

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, May 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	11.4	11.0	9.7	9.5	8.0	7.9	12.9	12.1	9.9	9.6
Connecticut	11.9	11.8	10.3	10.7	8.6	8.7	16.3	15.3	10.6	10.7
Maine	11.4	11.2	8.6	8.5	6.2	6.0	9.6	13.6	8.4	8.4
Massachusetts	11.3	10.5	9.5	9.0	8.5	8.5	13.0	10.9	9.9	9.4
New Hampshire	12.3	11.4	10.9	10.5	8.5	8.4	14.2	13.2	10.6	10.0
Rhode Island	11.3	11.0	9.8	9.2	8.4	8.1	12.9	11.0	10.0	9.6
Vermont	8.7	8.7	7.9	8.1	6.7	6.7	12.8	13.6	7.9	8.0
Middle Atlantic	11.5	10.8	10.2	9.6	6.4	6.3	10.5	9.1	9.4	8.9
New Jersey	11.2	10.8	9.9	9.4	8.0	7.7	20.0	19.0	9.9	9.4
New York	13.5	12.3	11.6	10.5	6.3	6.0	10.0	8.4	10.6	9.7
Pennsylvania	9.6	9.4	8.5	8.3	5.9	6.1	11.8	11.4	7.8	7.8
East North Central	8.5	8.5	7.4	7.5	4.6	4.7	6.7	7.0	6.3	6.5
Illinois	10.1	10.4	7.5	7.8	5.1	5.4	6.4	6.7	7.2	7.5
Indiana	7.3	7.4	6.0	6.1	3.9	3.9	11.0	8.8	5.2	5.3
Michigan	8.0	8.0	8.4	8.3	5.8	6.0	10.5	9.9	7.1	7.2
Ohio	8.8	8.7	7.7	7.9	4.1	4.2	6.1	6.4	6.1	6.2
Wisconsin	7.2	7.1	6.1	6.0	4.1	4.1	5.3	7.5	5.6	5.6
West North Central	7.6	7.6	6.5	6.4	4.4	4.4	6.5	6.9	6.1	6.1
Iowa	8.2	8.4	6.3	6.2	3.7	4.0	5.3	5.9	5.7	5.9
Kansas	8.1	8.5	6.9	6.7	4.5	4.9	9.8	11.9	6.4	6.7
Minnesota	7.4	6.8	6.4	5.9	4.5	4.3	8.0	8.4	5.7	5.4
Missouri	7.9	8.0	6.7	6.9	4.9	4.9	7.4	7.5	6.6	6.7
Nebraska	6.3	6.2	5.6	5.4	4.0	3.8	8.0	6.3	5.5	5.3
North Dakota	7.1	6.5	6.9	6.6	5.1	4.7	4.1	4.2	6.2	5.9
South Dakota	7.4	7.4	6.9	6.9	4.7	4.6	4.6	3.7	6.3	6.2
South Atlantic	8.2	7.9	6.8	6.6	4.6	4.6	6.5	6.5	6.6	6.4
Delaware	8.9	8.8	6.9	6.9	4.7	4.6	10.4	9.2	6.6	6.5
District of Columbia	7.1	5.7	7.4	5.8	5.3	4.7	6.5	6.4	6.7	5.5
Florida	8.2	7.7	6.9	6.6	5.2	4.9	7.0	6.7	7.3	6.9
Georgia	7.9	7.9	7.5	7.5	4.7	4.8	8.9	8.9	6.6	6.7
Maryland	8.9	8.2	7.8	6.7	5.0	5.2	7.9	9.3	7.0	6.7
North Carolina	8.2	8.3	6.5	6.5	5.0	4.8	7.3	7.4	6.5	6.4
South Carolina	7.4	7.8	6.1	6.2	3.9	4.0	5.9	6.1	5.4	5.5
Virginia	8.6	8.1	6.3	6.2	4.4	4.3	5.7	5.7	6.5	6.3
West Virginia	6.6	6.4	5.9	5.8	3.9	3.9	10.1	8.8	5.2	5.1
East South Central	6.5	6.4	6.4	6.4	4.0	4.1	6.0	6.1	5.1	5.2
Alabama	6.9	7.0	6.6	7.0	4.3	4.5	6.0	7.4	5.5	5.8
Kentucky	6.0	5.9	5.4	5.3	3.1	3.2	4.9	4.7	4.1	4.2
Mississippi	7.7	7.5	7.4	7.3	4.6	4.4	9.2	8.8	6.3	6.1
Tennessee	5.9	5.8	6.4	6.2	4.3	4.6	7.2	7.1	5.1	5.3
West South Central	8.3	8.1	7.0	6.9	4.4	4.3	6.7	5.9	6.3	6.2
Arkansas	8.3	8.7	7.0	7.2	4.7	5.2	6.9	7.0	6.4	6.9
Louisiana	7.8	7.6	7.4	7.1	4.4	4.0	8.4	5.6	6.2	5.8
Oklahoma	7.8	7.2	6.3	5.9	4.2	3.6	6.1	5.6	6.0	5.5
Texas	8.5	8.3	7.1	6.9	4.3	4.3	6.5	6.0	6.3	6.3
Mountain	7.7	7.6	6.6	6.4	4.1	4.0	6.1	5.5	6.0	5.8
Arizona	9.9	9.7	8.3	8.2	5.8	6.1	6.1	6.2	8.1	8.1
Colorado	7.5	7.3	6.1	5.9	4.6	4.7	8.3	9.0	6.2	6.1
Idaho	5.0	5.1	4.6	4.3	2.6	2.9	4.7	3.9	3.9	3.8
Montana	5.5	5.3	4.7	4.8	2.8	2.6	4.2	4.4	3.9	3.7
Nevada	6.2	6.0	6.0	5.9	4.1	3.9	4.3	4.3	5.2	5.0
New Mexico	9.4	9.3	8.3	8.4	4.9	4.8	7.4	5.8	7.3	7.3
Utah	6.9	6.9	6.0	5.7	3.8	3.7	5.2	4.1	5.4	5.1
Wyoming	6.1	6.2	5.0	5.0	3.4	3.6	7.0	6.5	4.1	4.2
Pacific Contiguous	8.5	8.6	8.7	8.7	4.9	4.8	4.4	3.9	7.1	7.1
California	11.4	11.3	10.5	10.2	6.8	7.1	4.9	4.4	9.4	9.4
Oregon	4.8	4.9	4.8	4.6	3.1	2.8	6.3	5.7	4.2	4.0
Washington	4.3	4.2	4.3	4.3	2.2	2.1	3.3	2.7	3.4	3.2
Pacific Noncontiguous	12.0	10.4	10.7	9.9	9.0	7.3	10.0	13.8	10.5	9.3
Alaska	11.5	11.0	9.4	10.1	8.9	7.6	9.8	15.4	10.1	10.4
Hawaii	12.3	10.1	11.7	9.8	9.0	7.2	11.3	9.2	10.7	8.8
U.S. Average	8.6	8.4	7.7	7.6	4.7	4.8	6.9	6.5	6.8	6.7

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, May 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.5	0.3	0.6	2.3	0.4
Connecticut	.2	.6	.5	1.8	.5
Maine	.5	.2	.7	3.4	.1
Massachusetts	1.1	.3	1.3	3.9	.7
New Hampshire	2.6	2.3	.5	1.6	1.4
Rhode Island	.1	.1	.4	2.2	.1
Vermont	2.8	.3	3.1	17.4	1.7
Middle Atlantic	.8	.7	2.0	3.2	.8
New Jersey	.1	.2	.5	1.1	.2
New York	1.3	1.3	6.2	3.8	1.5
Pennsylvania	1.3	.2	.8	9.1	1.0
East North Central	.9	.5	.7	2.8	.6
Illinois	2.2	.7	.8	1.0	1.0
Indiana	.8	.4	.5	10.3	.7
Michigan	1.0	1.0	1.3	2.6	1.1
Ohio	2.6	1.3	1.6	2.6	1.7
Wisconsin	.8	.5	1.1	24.0	.9
West North Central	.6	.6	.9	5.0	.7
Iowa	1.6	1.4	2.6	7.2	2.7
Kansas	1.8	1.5	3.5	11.9	2.4
Minnesota	2.0	1.8	.9	3.3	1.0
Missouri	.2	1.2	1.0	2.3	.9
Nebraska	.7	1.0	1.8	17.7	1.0
North Dakota	2.6	2.0	1.1	2.5	1.7
South Dakota	1.4	1.4	1.3	11.6	1.5
South Atlantic	.7	.3	.9	.4	.5
Delaware	1.0	1.4	2.3	2.7	1.6
District of Columbia	.0	.0	.0	.0	.0
Florida	1.9	.8	2.4	.8	1.3
Georgia	.4	.2	.5	.6	.5
Maryland	1.3	1.4	2.2	6.2	2.4
North Carolina	1.7	.2	3.8	.5	1.3
South Carolina	1.0	.4	.9	.5	.7
Virginia	.3	.3	.4	.3	.1
West Virginia	.8	.6	1.0	5.2	.1
East South Central	.4	.3	.7	.5	.9
Alabama	.4	.4	.4	2.0	.3
Kentucky	.6	1.0	1.3	.5	2.4
Mississippi	2.0	1.9	.7	5.2	1.8
Tennessee	.2	.4	1.0	1.6	.9
West South Central	.8	1.5	1.2	2.0	.8
Arkansas	1.0	2.4	5.1	2.1	2.4
Louisiana	.2	.4	.3	4.9	.9
Oklahoma	3.0	3.4	.2	.5	2.4
Texas	1.1	2.1	1.7	2.9	1.1
Mountain	.6	.4	.5	5.3	.4
Arizona	1.4	.8	.8	10.2	.8
Colorado	.7	.5	.7	7.4	.4
Idaho	.7	.7	.5	1.7	.6
Montana	2.3	2.1	1.2	1.4	.8
Nevada	.3	.2	2.4	.0	.5
New Mexico	2.1	1.6	1.6	4.7	1.8
Utah	1.9	.9	.3	42.8	1.0
Wyoming	1.4	.5	.4	10.0	.5
Pacific Contiguous	.5	1.1	4.6	7.6	1.2
California	.4	1.8	4.9	12.0	1.5
Oregon	2.4	.6	1.0	12.9	1.3
Washington	1.7	1.8	4.1	.0	1.9
Pacific Noncontiguous	1.1	1.1	1.0	18.7	1.0
Alaska	1.0	2.2	4.6	22.0	1.7
Hawaii	1.6	1.2	1.0	1.6	1.3
U.S. Total	.3	.3	.7	1.4	.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 Stocks**

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	13	--	1,359	--	--	--	*	--	--	*
Abbeville (SC)	--	13	--	1,359	--	--	--	*	--	--	*
Accomack-Northampton Electric											
Coop	--	8	--	--	--	--	--	*	--	--	*
Smith (VA)	--	2	--	--	--	--	--	*	--	--	*
Tangier (VA)	--	6	--	--	--	--	--	*	--	--	*
Adrian Lt & Water Comm	--	--	--	--	--	--	--	--	--	--	--
Adrian (MN)	--	--	--	--	--	--	--	--	--	--	--
Aitkin Public Utilities Comm	--	-23	--	--	--	--	--	--	--	--	*
Aitkin (MN)	--	-23	--	--	--	--	--	--	--	--	*
Alabama Elec Coop, Inc	205,516	-252	--	3,536	--	--	89	*	--	356	4
Gantt (AL)	--	--	--	1,219	--	--	--	--	--	--	--
Lowman (AL)	205,571	--	--	--	--	--	89	--	--	352	--
McIntosh-CAES (AL)	--	-239	--	--	--	--	--	--	--	--	4
McWilliams (AL)	-55	--	--	--	--	--	--	--	--	4	--
Point "A" (AL)	--	--	--	2,317	--	--	--	--	--	--	--
Portland (FL)	--	-13	--	--	--	--	--	*	--	--	1
Alabama Power Co (SC)	3,201,459	2,360	9,526	493,851	1,177,226	--	1,273	4	129	3,642	57
Bankhead Dam (AL)	--	--	--	21,634	--	--	--	--	--	--	--
Barry (AL)	598,500	--	447	--	--	--	245	--	43	848	16
Chickasaw (AL)	--	--	-52	--	--	--	--	--	--	--	3
Farley (AL)	--	--	--	--	1,177,226	--	--	--	--	--	--
Gadsden New (AL)	-386	--	--	--	--	--	--	--	--	83	1
Gaston, E C (AL)	913,737	936	--	--	--	--	365	2	--	602	17
Gorgas (AL)	485,371	1,302	--	--	--	--	196	2	--	628	11
Greene County (AL)	340,826	107	--	--	--	--	135	*	--	183	2
H Neely Henry Dam (AL)	--	--	--	23,510	--	--	--	--	--	--	--
Harris (AL)	--	--	--	15,557	--	--	--	--	--	--	--
Holt Dam (AL)	--	--	--	19,818	--	--	--	--	--	--	--
Jordan (AL)	--	--	--	29,966	--	--	--	--	--	--	--
Lay Dam (AL)	--	--	--	68,691	--	--	--	--	--	--	--
Lewis Smith Dam (AL)	--	--	--	25,125	--	--	--	--	--	--	--
Logan Martin Dam (AL)	--	--	--	41,734	--	--	--	--	--	--	--
Martin Dam (AL)	--	--	--	39,893	--	--	--	--	--	--	--
Miller (AL)	863,411	15	9,131	--	--	--	332	*	86	1,297	7
Mitchell Dam (AL)	--	--	--	56,377	--	--	--	--	--	--	--
Thurlow Dam (AL)	--	--	--	27,673	--	--	--	--	--	--	--
Walter Bouldin Dam (AL)	--	--	--	81,141	--	--	--	--	--	--	--
Weiss Dam (AL)	--	--	--	27,177	--	--	--	--	--	--	--
Yates Dam (AL)	--	--	--	15,555	--	--	--	--	--	--	--
Alaska Electric Lt & Pwr Co	--	--	--	5,344	--	--	--	--	--	--	4
Annex Creek (AK)	--	--	--	2,082	--	--	--	--	--	--	--
Gold Creek (AK)	--	--	--	412	--	--	--	--	--	--	--
Lemon Creek (AK)	--	--	--	--	--	--	--	--	--	--	4
Salmon Creek (AK)	--	--	--	2,850	--	--	--	--	--	--	--
Salmon Creek 2 (AK)	--	--	--	--	--	--	--	--	--	--	--
Alaska Power Administration	--	--	--	30,739	--	--	--	--	--	--	--
Eklutna (AK)	--	--	--	12,606	--	--	--	--	--	--	--
Snettisham (AK)	--	--	--	18,133	--	--	--	--	--	--	--
Alaska Power And Telephone											
Company	--	2,641	--	45	--	--	--	5	--	--	1
Chistochina (AK)	--	16	--	--	--	--	--	*	--	--	*
Coffman Cove (AK)	--	55	--	--	--	--	--	--	--	--	*
Craig (AK)	--	1,061	--	--	--	--	--	2	--	--	*
Dot Lake (AK)	--	--	--	--	--	--	--	--	--	--	*
Hollis (AK)	--	20	--	--	--	--	--	*	--	--	*
Hydaburg (AK)	--	134	--	--	--	--	--	*	--	--	*
Mentasta (AK)	--	24	--	--	--	--	--	*	--	--	*
Skagway (AK)	--	584	--	45	--	--	--	1	--	--	*
Tetlin (AK)	--	--	--	--	--	--	--	--	--	--	--
Tok (AK)	--	747	--	--	--	--	--	1	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Alaska Village Electric Coop, Inc	--	3,992	--	--	--	--	--	8	--	--	41
Alakanuk (AK)	--	99	--	--	--	--	--	*	--	--	1
Ambler (AK)	--	81	--	--	--	--	--	*	--	--	1
Anvik (AK)	--	32	--	--	--	--	--	*	--	--	1
Chevak (AK)	--	110	--	--	--	--	--	*	--	--	1
Eek (AK)	--	41	--	--	--	--	--	*	--	--	1
Elim (AK)	--	60	--	--	--	--	--	*	--	--	1
Emmonak (AK)	--	191	--	--	--	--	--	*	--	--	1
Gambell (AK)	--	131	--	--	--	--	--	*	--	--	1
Goodnews Bay (AK)	--	43	--	--	--	--	--	*	--	--	1
Grayling (AK)	--	40	--	--	--	--	--	*	--	--	1
Holy Cross (AK)	--	55	--	--	--	--	--	*	--	--	1
Hooper Bay (AK)	--	166	--	--	--	--	--	*	--	--	1
Huslia (AK)	--	43	--	--	--	--	--	*	--	--	1
Kaltag (AK)	--	47	--	--	--	--	--	*	--	--	1
Kiana (AK)	--	99	--	--	--	--	--	*	--	--	1
Kivalina (AK)	--	84	--	--	--	--	--	*	--	--	1
Koyuk (AK)	--	67	--	--	--	--	--	*	--	--	1
Lower Kalskag (AK)	--	79	--	--	--	--	--	*	--	--	1
Marshall (AK)	--	68	--	--	--	--	--	*	--	--	1
Mekoryuk (AK)	--	65	--	--	--	--	--	*	--	--	1
Minto (AK)	--	53	--	--	--	--	--	*	--	--	1
Mountain Village (AK)	--	201	--	--	--	--	--	*	--	--	2
New Stuyahok (AK)	--	74	--	--	--	--	--	*	--	--	1
Noatak (AK)	--	86	--	--	--	--	--	*	--	--	1
Noorvik (AK)	--	126	--	--	--	--	--	*	--	--	2
Nulato (AK)	--	75	--	--	--	--	--	*	--	--	1
Nunapitchuk (AK)	--	163	--	--	--	--	--	*	--	--	1
Old Harbor (AK)	--	70	--	--	--	--	--	*	--	--	1
Pilot Station (AK)	--	94	--	--	--	--	--	*	--	--	1
Quinhagak (AK)	--	93	--	--	--	--	--	*	--	--	1
Russion Mission (AK)	--	47	--	--	--	--	--	*	--	--	1
Savoonga (AK)	--	112	--	--	--	--	--	*	--	--	2
Scammon Bay (AK)	--	79	--	--	--	--	--	*	--	--	1
Selawik (AK)	--	114	--	--	--	--	--	*	--	--	1
Shageluk (AK)	--	24	--	--	--	--	--	*	--	--	1
Shaktolik (AK)	--	52	--	--	--	--	--	*	--	--	1
Shishmaref (AK)	--	112	--	--	--	--	--	*	--	--	1
Shungnak (AK)	--	92	--	--	--	--	--	*	--	--	1
St Marys (AK)	--	225	--	--	--	--	--	*	--	--	2
St Michael (AK)	--	63	--	--	--	--	--	*	--	--	1
Stebbins (AK)	--	94	--	--	--	--	--	*	--	--	1
Togiak (AK)	--	137	--	--	--	--	--	*	--	--	1
Toksook Bay (AK)	--	93	--	--	--	--	--	*	--	--	1
Tununak (AK)	--	62	--	--	--	--	--	*	--	--	1
Wales (AK)	--	45	--	--	--	--	--	*	--	--	1
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	--	15	--	--	--	--	--	*	--	--	2
Algona (IA)	--	15	--	--	--	--	--	*	--	--	2
Allegheny Electric Coop	--	--	--	14,806	--	--	--	--	--	--	--
Raystown (PA)	--	--	--	14,806	--	--	--	--	--	--	--
Alta Mun Elec Lt & Pwr Plt Sys ..	--	-2	--	--	--	--	--	--	--	--	*
Alta (IA)	--	-2	--	--	--	--	--	--	--	--	*
American Municipal Power-Ohio											
Inc	88,107	--	566	--	--	--	60	--	8	100	--
Richard Gorsuch (OH)	88,107	--	566	--	--	--	60	--	8	100	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	18,561	279	--	--	--	--	11	*	--	24	3
Ames (IA)	18,561	279	--	--	--	--	11	*	--	24	1
Ames Gt (IA)	--	--	--	--	--	--	--	--	--	--	2
Anchorage Mun Lt & Pwr Dept	--	--	54,091	--	--	--	--	--	548	--	41
Anchorage (AK)	--	--	730	--	--	--	--	--	18	--	*
GMS 2 (AK)	--	--	53,361	--	--	--	--	--	530	--	41
Aniak Light & Power Company, Inc	--	164	--	--	--	--	--	*	--	--	1
Aniak (AK)	--	164	--	--	--	--	--	*	--	--	1
Anita Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Anita (IA)	--	--	--	--	--	--	--	--	--	--	--
Ansley Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Ansley (NE)	--	--	--	--	--	--	--	--	--	--	--
Anthony City Of	--	2	67	--	--	--	--	*	2	--	*
Anthony (KS)	--	2	67	--	--	--	--	*	2	--	*
Appalachian Power Co (AEP)	1,828,385	10,939	--	115,583	--	--	702	18	--	3,028	34
Amos, John E (WV)	810,366	3,670	--	--	--	--	317	6	--	1,493	4
Buck (VA)	--	--	--	5,450	--	--	--	--	--	--	--
Byllesby 2 (VA)	--	--	--	8,821	--	--	--	--	--	--	--
Claytor (VA)	--	--	--	41,946	--	--	--	--	--	--	--
Clinch River (VA)	363,310	477	--	--	--	--	133	1	--	340	1
Glen Lyn (VA)	24,387	894	--	--	--	--	10	2	--	82	2
Kanawha River (WV)	75,199	130	--	--	--	--	27	*	--	245	*
Leesville (VA)	--	--	--	10,680	--	--	--	--	--	--	--
London (WV)	--	--	--	10,360	--	--	--	--	--	--	--
Marmet (WV)	--	--	--	9,064	--	--	--	--	--	--	--
Mountaineer (WV)	555,123	5,768	--	--	--	--	214	10	--	868	27
Niagara (VA)	--	--	--	1,861	--	--	--	--	--	--	--
Reusens (VA)	--	--	--	4,561	--	--	--	--	--	--	--
Smith Mountain (VA)	--	--	--	11,102	--	--	--	--	--	--	--
Winfield (WV)	--	--	--	11,738	--	--	--	--	--	--	--
Arcadia Mun Electric Utility	--	23	30	--	--	--	--	*	*	--	1
Arcadia (WI)	--	23	30	--	--	--	--	*	*	--	1
Arcanum Water & Light Plant	--	--	--	--	--	--	--	--	--	--	*
Arcanum (OH)	--	--	--	--	--	--	--	--	--	--	*
Argyle Municipal Elec & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Argyle (WI)	--	--	--	--	--	--	--	--	--	--	--
Arizona Electric Pwr Coop, Inc	127,810	--	56,905	--	--	--	61	--	530	147	--
Apache Station (AZ)	127,810	--	56,905	--	--	--	61	--	530	147	--
Arizona Public Service Company	1,856,291	1,154	61,409	2,506	1,743,183	--	1,012	2	645	1,640	192
Childs (AZ)	--	--	--	1,548	--	--	--	--	--	--	--
Cholla (AZ)	573,443	1,089	422	--	--	--	305	2	5	1,019	4
Fairview (AZ)	--	5	--	--	--	--	--	*	--	--	8
Four Corners (NM)	1,282,848	--	3,372	--	--	--	706	--	32	621	--
Irving (AZ)	--	--	--	958	--	--	--	--	--	--	--
Ocotillo (AZ) ..	--	--	7,331	--	--	--	--	--	84	--	37
Palo Verde (AZ) ..	--	--	--	1,743,183	--	--	--	--	--	--	--
Phoenix (AZ)	--	35	49,314	--	--	--	--	*	510	--	45
Saguaro (AZ)	--	25	670	--	--	--	--	*	8	--	39
Yucca (AZ)	--	--	--	--	--	--	--	--	--	--	--
Yuma Axis (AZ)	--	--	300	--	--	--	--	--	5	--	58
Arkansas Electric Coop Corp	--	--	2,994	3,029	--	--	--	--	34	--	--
Bailey (AR)	--	--	--	--	--	--	--	--	--	--	--
Clyde Ellis (AR)	--	--	--	3,029	--	--	--	--	--	--	--
Fitzhugh (AR)	--	--	2,994	--	--	--	--	--	34	--	--
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, April 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)
Arkansas Power & Light Co											
(MSU)	974,763	8,623	23,597	14,984	1,193,417	--	601	16	278	1,463	239
Arkansas Nuclear One(AR)	--	--	--	--	1,193,417	--	--	--	--	--	--
Blytheville (AR)	--	--	--	--	--	--	--	--	--	--	28
Carpenter (AR)	--	--	--	9,621	--	--	--	--	--	--	--
Couch, Harvey (AR)	--	--	23,597	--	--	--	--	--	278	--	5
Independence (AR)	576,527	3,964	--	--	--	--	347	7	--	545	22
L Catherine (AR)	--	--	--	--	--	--	--	--	--	--	39
Lynch, Cecil (AR)	--	--	--	--	--	--	--	--	--	--	2
Mablevale (AR)	--	--	--	--	--	--	--	--	--	--	9
Moses, Ham (AR)	--	--	--	--	--	--	--	--	--	--	5
Rommel (AR)	--	--	--	5,363	--	--	--	--	--	--	--
Ritchie, R E (AR)	--	--	--	--	--	--	--	--	--	--	103
White Bluff (AR)	398,236	4,659	--	--	--	--	254	9	--	918	26
Arnold Municipal Plant	--	--	--	--	--	--	--	--	--	--	*
Arnold (NE)	--	--	--	--	--	--	--	--	--	--	*
Ashland, City Of	--	10	--	--	--	--	--	*	--	--	1
Ashland (KS)	--	10	--	--	--	--	--	*	--	--	1
Associated Electric Coop, Inc	552,568	445	--	--	--	--	263	1	--	1,699	21
New Madrid (MO)	496,061	38	--	--	--	--	231	*	--	501	1
Thomas Hill (MO)	56,507	407	--	--	--	--	32	1	--	1,198	5
Unionville (MO)	--	--	--	--	--	--	--	*	--	--	15
Atlantic City Electric Co (ACE)	119,051	-165	18,464	--	--	--	51	1	221	148	389
* Central Storage *	--	--	--	--	--	--	--	--	--	--	140
Carlis Corner (NJ)	--	-8	-86	--	--	--	--	*	5	--	8
Cedar (NJ)	--	-133	--	--	--	--	--	*	--	--	9
Cumberland St (NJ)	--	--	3,275	--	--	--	--	--	42	--	12
Deepwater (NJ)	29,232	49	12,657	--	--	--	13	*	138	52	95
England, B L (NJ)	89,819	193	--	--	--	--	38	*	--	96	84
Mickleton Street (NJ)	--	51	574	--	--	--	--	*	9	--	10
Middle (NJ)	--	-298	--	--	--	--	--	*	--	--	11
Missouri Avenue (NJ)	--	-19	--	--	--	--	--	*	--	--	8
Sherman Avenue (NJ)	--	--	2,044	--	--	--	--	--	28	--	13
Atlantic Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Atlantic (IA)	--	--	--	--	--	--	--	--	--	--	1
Attica City Of	--	--	--	--	--	--	--	--	--	--	--
Attica (KS)	--	--	--	--	--	--	--	--	--	--	--
Auburn City Of	--	-85	--	--	--	--	--	--	--	--	1
Auburn (NE)	--	-85	--	--	--	--	--	--	--	--	1
Augusta City Of	--	-36	--	--	--	--	--	*	*	--	*
Plant No 1 (KS)	--	-28	--	--	--	--	--	--	--	--	*
Plant No 2 (KS)	--	-8	--	--	--	--	--	*	*	--	*
Augusta Light And Water Plant	--	--	--	--	--	--	--	--	--	--	--
Fairbanks (AR)	--	--	--	--	--	--	--	--	--	--	--
Austin Electric Dept	--	--	119,544	--	--	39	--	*	1,284	--	209
Decker Creek (TX)	--	--	112,985	--	--	39	--	--	1,190	--	88
Holly Street (TX)	--	--	6,747	--	--	--	--	*	94	--	118
Seaholm (TX)	--	--	-188	--	--	--	--	--	--	--	3
Austin Utilities	5,686	--	363	--	--	--	3	--	5	21	--
Northeast Station (MN)	5,686	--	363	--	--	--	3	--	5	21	--
Baldwin City Of	--	1	--	--	--	--	--	*	--	--	*
Attica (KS)	--	1	--	--	--	--	--	*	--	--	*
Baltimore Gas & Electric Co	775,493	26,034	9,316	--	621,807	--	307	50	112	1,116	501
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Brandon (MD)	373,075	2,818	--	--	--	--	145	5	--	730	2

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	--	621,807	--	--	--	--	--	--
Crane, C P (MD)	197,129	212	--	--	--	--	78	*	--	183	4
Gould Street (MD)	--	3,945	--	--	--	--	--	8	--	--	36
Notch Cliff (MD)	--	--	--	--	--	--	--	--	--	--	--
Perryman (MD)	--	16	--	--	--	--	--	*	--	--	53
Philadelphia Road (MD)	--	154	--	--	--	--	--	--	--	--	10
Riverside (MD)	--	2,171	1,755	--	--	--	--	7	33	--	119
Wagner, H A (MD)	205,289	16,679	7,554	--	--	--	83	28	77	203	247
Westport (MD)	--	39	7	--	--	--	--	2	2	--	31
Bancroft Mun Electric Plant	--	--	--	--	--	--	--	--	--	--	--
Bancroft (IA)	--	--	--	--	--	--	--	--	--	--	--
Bangor Hydro Electric Co	--	90	--	15,542	--	--	--	*	--	--	1
Bar Harbor (ME)	--	49	--	--	--	--	--	*	--	--	1
Eastport (ME)	--	20	--	--	--	--	--	*	--	--	--
Ellsworth (ME)	--	--	--	4,801	--	--	--	--	--	--	--
Graham Station (ME)	--	--	--	--	--	--	--	--	--	--	--
Howland (ME)	--	--	--	346	--	--	--	--	--	--	--
Medway (ME)	--	21	--	2,778	--	--	--	*	--	--	*
Millford (ME)	--	--	--	2,903	--	--	--	--	--	--	--
Orono (ME)	--	--	--	787	--	--	--	--	--	--	--
Stillwater (ME)	--	--	--	790	--	--	--	--	--	--	--
Veazie (ME)	--	--	--	--	--	--	--	--	--	--	--
Veazie A (ME)	--	--	--	3,137	--	--	--	--	--	--	--
Barron Light & Water Dept	--	2	--	45	--	--	--	*	--	--	*
Barron (WI)	--	2	--	45	--	--	--	*	--	--	*
Barrow Utils & Elec Coop Inc	--	--	3,993	--	--	--	--	--	52	--	*
Barrow (AK)	--	--	3,993	--	--	--	--	--	52	--	*
Barton Village Electric Dept	--	--	--	827	--	--	--	--	--	--	*
W. Charleston (VT)	--	--	--	827	--	--	--	--	--	--	*
Basin Electric Pwr Coop, Inc	1,819,727	1,163	--	--	--	--	1,332	2	--	1,304	32
Antelope Valley (ND)	443,285	88	--	--	--	--	375	*	--	162	5
Laramie River (WY)	1,052,873	891	--	--	--	--	681	2	--	761	10
Leland Olds (ND)	323,569	145	--	--	--	--	276	*	--	381	3
Spirit Mound (SD)	--	39	--	--	--	--	--	*	--	--	14
Baudette Light & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Baudette (MN)	--	--	--	--	--	--	--	--	--	--	--
Beaver City Corporation	--	--	--	830	--	--	--	--	--	--	--
Beaver Lower (UT)	--	--	--	101	--	--	--	--	--	--	--
Beaver Upper (UT)	--	--	--	359	--	--	--	--	--	--	--
Beaver 3 (UT)	--	--	--	370	--	--	--	--	--	--	--
Beaver City Of	--	--	--	--	--	--	--	--	--	--	*
Beaver City (NE)	--	--	--	--	--	--	--	--	--	--	*
Bedford Electric Dept	--	--	--	2,832	--	--	--	--	--	--	--
Snowden (VA)	--	--	--	2,832	--	--	--	--	--	--	--
Bellevue City Of	--	26	266	--	--	--	--	*	3	--	2
Bellevue (KS)	--	26	266	--	--	--	--	*	3	--	2
Bellevue Municipal Utilities	--	--	--	--	--	--	--	*	--	--	*
Bellevue (IA)	--	--	--	--	--	--	--	*	--	--	*
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, April 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	--	52	--	--	--	--	--	*	--	--	1
Berlin (MD)	--	52	--	--	--	--	--	*	--	--	1
Bethany City	--	12	--	--	--	--	--	*	--	--	1
Bethany (MO)	--	12	--	--	--	--	--	*	--	--	1
Bethel Utilities Commission	--	2,538	--	--	--	--	--	4	--	--	1
Bethel (AK)	--	2,538	--	--	--	--	--	4	--	--	1
Bettles Light & Power Inc	--	80	--	--	--	--	--	*	--	--	2
Bettles (AK)	--	80	--	--	--	--	--	*	--	--	2
Big Rivers Electric Corporation ...	897,902	1,244	340	--	--	--	409	2	4	774	26
Coleman (KY)	293,361	--	340	--	--	--	137	--	4	114	2
Green (KY)	155,597	95	--	--	--	--	79	*	--	303	1
Henderson li (KY)	146,638	174	--	--	--	--	60	*	--	--	1
Reid, Robert (KY)	24,619	218	--	--	--	--	12	*	--	109	11
Wilson (KY)	277,687	757	--	--	--	--	122	1	--	247	12
Black Hills Corp	43,913	170	7	--	--	--	40	*	*	13	22
French, Ben (SD)	14,642	107	7	--	--	--	12	*	*	3	22
K. K. (SD)	9,690	--	--	--	--	--	9	--	--	5	--
Osage (WY)	14,713	--	--	--	--	--	15	--	--	5	--
Simpson, Neil (WY)	4,868	63	--	--	--	--	4	*	--	--	*
Black River Falls, City Of	--	--	--	474	--	--	--	--	--	--	--
Black River Falls (WI)	--	--	--	474	--	--	--	--	--	--	--
Block Island Power Co	--	469	--	--	--	--	--	1	--	--	2
Block Island (RI)	--	469	--	--	--	--	--	1	--	--	2
Bloomfield Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Bloomfield (IA)	--	--	--	--	--	--	--	--	--	--	1
Blooming Prairie Pub Utls Comm	--	--	--	--	--	--	--	--	--	--	*
Blooming Prairie (MN)	--	--	--	--	--	--	--	--	--	--	*
Blue Earth Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	--
Blue Earth (MN)	--	--	--	--	--	--	--	--	--	--	--
Blue Ridge Electric Membership Corp	--	--	--	44	--	--	--	--	--	--	--
Sharp Falls (NC)	--	--	--	44	--	--	--	--	--	--	--
Bluffton Utilities	--	15	347	--	--	--	--	*	1	--	2
Bluffton (IN)	--	15	347	--	--	--	--	*	1	--	2
Bonnets Ferry City Of (Lt & Wtr Dpt)	--	--	--	3,132	--	--	--	--	--	--	--
Moyie (ID)	--	--	--	3,132	--	--	--	--	--	--	--
Boston Edison Company	--	82,425	360,800	--	30,664	--	--	149	3,514	--	394
Edgar (MA)	--	43	--	--	--	--	--	*	--	--	1
Framingham (MA)	--	67	--	--	--	--	--	*	--	--	2
L Street (MA)	--	34	--	--	--	--	--	*	--	--	1
Mystic (MA)	--	82,098	--	--	--	--	--	148	--	--	366
New Boston (MA)	--	--	360,800	--	--	--	--	--	3,514	--	18
Pilgrim (MA)	--	--	--	--	30,664	--	--	--	--	--	--
West Medway (MA)	--	183	--	--	--	--	--	*	--	--	7
Bountiful City Light & Power	--	87	1,660	1,283	--	--	--	*	16	--	1
Bountiful (UT)	--	87	1,660	--	--	--	--	*	16	--	1
Echo Dam (UT)	--	--	--	691	--	--	--	--	--	--	--
Pine View Dam (UT)	--	--	--	592	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	68	--	--	--	--	--	*	--	--	1
Brady (TX)	--	68	--	--	--	--	--	*	--	--	1
Braintree Electric Light Dept	--	--	569	--	--	--	--	--	7	--	9
Potter Station (MA)	--	--	569	--	--	--	--	--	7	--	9
Brazos Elec Pwr Coop, Inc	--	--	106,402	--	--	--	--	--	1,143	--	110
Miller, R W (TX)	--	--	103,470	--	--	--	--	--	1,105	--	100
North Texas (TX)	--	--	2,932	--	--	--	--	--	37	--	10
Brazos River Authority	--	--	--	2,463	--	--	--	--	--	--	--
M Sheppard (TX)	--	--	--	2,463	--	--	--	--	--	--	--
Breese City Of	--	21	--	--	--	--	--	*	--	--	1
Breese (IL)	--	21	--	--	--	--	--	*	--	--	1
Brigham City Corporation	--	--	--	873	--	--	--	--	--	--	--
Brigham City (UT)	--	--	--	545	--	--	--	--	--	--	--
Brigham 2 (UT)	--	--	--	328	--	--	--	--	--	--	--
Broken Bow Mun Utilities	--	7	58	--	--	--	--	*	1	--	*
Broken Bow (NE)	--	7	58	--	--	--	--	*	1	--	*
Brooklyn Mun Utilities	--	7	--	--	--	--	--	*	--	--	*
Brooklyn (IA)	--	7	--	--	--	--	--	*	--	--	*
Brownfield Mun Pr & Lt Plant	--	15	34	--	--	--	--	*	1	--	1
Brownfield (TX)	--	15	34	--	--	--	--	*	1	--	1
Brownsville City Of (Pub Utils Brd)	--	--	7,312	--	--	--	--	--	118	--	28
Brownsville (TX)	--	--	7,312	--	--	--	--	--	118	--	28
Bryan City Of	--	--	27,936	--	--	--	--	--	324	--	77
Bryan (TX)	--	--	15,190	--	--	--	--	--	190	--	40
Dansby (TX)	--	--	12,746	--	--	--	--	--	134	--	37
Bryan Municipal Light & Water Works	--	8	68	--	--	--	--	*	1	--	8
Bryan (OH)	--	8	68	--	--	--	--	*	1	--	8
Bryant Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Bryant (SD)	--	--	--	--	--	--	--	--	--	--	--
Buhl Public Utilities Dept	--	--	--	--	--	--	--	--	--	--	--
Buhl (MN)	--	--	--	--	--	--	--	--	--	--	--
Burbank Public Service Department	--	--	6,901	--	--	--	--	--	114	--	41
Magnolia (CA)	--	--	155	--	--	--	--	--	3	--	39
Olive (CA)	--	--	7,056	--	--	--	--	--	111	--	2
Burlingame City Of	--	--	6	--	--	--	--	--	*	--	--
Burlingame (KS)	--	--	6	--	--	--	--	--	*	--	--
Burlington City Of	--	12	2	--	--	--	--	*	*	--	1
Burlington (KS)	--	12	2	--	--	--	--	*	*	--	1
Burlington City Of	--	--	--	--	--	--	--	--	--	--	--
Burlington (CO)	--	--	--	--	--	--	--	--	--	--	--
Burlington Electric Light Dept	--	33	1,039	--	--	1,853	--	*	15	--	4
Burlington (VT)	--	--	--	--	--	--	--	--	--	--	2
J C McNeil (VT)	--	33	1,039	--	--	1,853	--	*	15	--	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, April 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)
Bushnell Mun Elec Lt & Pwr Util ..	--	--	--	--	--	--	--	--	--	--	1
Bushnell (IL)	--	--	--	--	--	--	--	--	--	--	1
Butler Light & Water Service	--	--	--	--	--	--	--	--	--	--	*
Butler (MO)	--	--	--	--	--	--	--	--	--	--	*
Ca State Dept Of Water											
Resources	--	--	--	244,238	--	-94	--	--	--	--	--
Alamo (CA)	--	--	--	-65	--	--	--	--	--	--	--
Bottle Rock (CA)	--	--	--	--	--	-94	--	--	--	--	--
Devil Canyon (CA)	--	--	--	21,976	--	--	--	--	--	--	--
Edw Hyatt (CA)	--	--	--	253,424	--	--	--	--	--	--	--
San Luis (CA)	--	--	--	-67,535	--	--	--	--	--	--	--
Thermal Div (CA)	--	--	--	1,815	--	--	--	--	--	--	--
Thermalito (CA)	--	--	--	34,696	--	--	--	--	--	--	--
W E Warne (CA)	--	--	--	-73	--	--	--	--	--	--	--
Cajun Elec Power Coop Inc	613,564	811	-624	--	--	--	397	2	--	820	26
Big Cajun 1 (LA)	--	--	-624	--	--	--	--	--	--	--	14
Big Cajun 2 (LA)	613,564	811	--	--	--	--	397	2	--	820	13
Callaway Mun Elec Utilities	--	--	--	--	--	--	--	--	--	--	--
Callaway (NE)	--	--	--	--	--	--	--	--	--	--	--
Cambridge Lt & Water Works	--	--	--	--	--	--	--	--	--	--	--
Cambridge (NE)	--	--	--	--	--	--	--	--	--	--	--
Campbell Municipal Elec Dept	--	--	--	--	--	--	--	--	--	--	--
Campbell (NE)	--	--	--	--	--	--	--	--	--	--	--
Campell Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Campbell (MO)	--	--	--	--	--	--	--	--	--	--	--
Cardinal Operating Company											
(AEP)	792,076	289	--	--	--	--	317	*	--	969	28
Cardinal (OH)	792,076	289	--	--	--	--	317	*	--	969	28
Carlyle Municipal Utilities	--	12	--	--	--	--	--	*	*	--	*
Carlyle (IL)	--	12	--	--	--	--	--	*	*	--	*
Carmi Light & Water	--	8	20	--	--	--	--	*	*	--	*
Carmi (IL)	--	8	20	--	--	--	--	*	*	--	*
Carolina Power & Light Co	1,828,297	10,993	56	118,349	1,143,746	--	725	24	6	2,294	139
Asheville (NC)	215,142	107	--	--	--	--	79	*	--	95	1
Blewett (NC)	--	-33	--	15,678	--	--	--	--	--	--	6
Brunswick (NC)	--	--	--	--	-13,116	--	--	--	--	--	--
Cape Fear (NC)	107,707	245	--	--	--	--	43	*	--	134	13
Darlington County (SC)	--	2,704	73	--	--	--	--	8	4	--	63
Harris (NC)	--	--	--	--	634,366	--	--	--	--	--	--
Lee (NC)	65,970	880	--	--	--	--	27	2	--	129	14
Marshall (NC)	--	--	--	1,864	--	--	--	--	--	--	--
Mayo (NC)	409,257	837	--	--	--	--	169	1	--	368	6
Morehead (NC)	--	1	--	--	--	--	--	*	--	--	1
Robinson, H B (SC)	58,142	270	--	--	522,496	--	22	*	--	42	3
Roxboro (NC)	941,969	5,391	--	--	--	--	369	10	--	1,266	8
Sutton (NC)	17,781	323	--	--	--	--	9	1	--	191	11
Tillery (NC)	--	--	--	40,610	--	--	--	--	--	--	--
Walters (NC)	--	--	--	60,197	--	--	--	--	--	--	--
Weatherspoon (NC)	12,329	268	-17	--	--	--	6	1	2	69	12
Carrollton Municipal Utilities	--	19	34	--	--	--	--	*	5	--	5
Carrollton (MO)	--	19	34	--	--	--	--	*	5	--	5
Carthage Water & Elec Plant	--	-6	-52	--	--	--	--	*	*	--	4
Carthage (MO)	--	-6	-52	--	--	--	--	*	*	--	4
Cascade Mun Elec Plant	--	2	--	--	--	--	--	*	--	--	*
Cascade (IA)	--	2	--	--	--	--	--	*	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	--	--	563	--	--	--	--	--	--	--
Brevard (NC)	--	--	--	563	--	--	--	--	--	--	--
Cashton Light & Water Plant	--	--	--	--	--	--	--	--	--	--	--
Cashton (WI)	--	--	--	--	--	--	--	--	--	--	--
Cedar Falls Utilities	1,253	--	-9	--	--	--	1	--	*	21	5
Cedar Falls Gt (IA)	1,253	--	13	--	--	--	1	--	*	21	--
Streeter (IA)	--	--	-22	--	--	--	--	--	--	--	5
Center Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Center (CO)	--	--	--	--	--	--	--	--	--	--	--
Central Electric Power Coop	23,306	17	--	--	--	--	11	*	--	28	*
Chamais (MO)	23,306	17	--	--	--	--	11	*	--	28	*
Central Hudson Gas & Elec Corp	126,064	37,956	13,685	23,168	--	--	47	63	194	198	795
Coxsackie (NY)	--	--	1,936	--	--	--	--	--	26	--	2
Danskammer (NY)	126,064	19	10,531	--	--	--	47	*	155	198	11
Dashville (NY)	--	--	--	2,014	--	--	--	--	--	--	--
High Falls (NY)	--	--	--	1,927	--	--	--	--	--	--	--
Neversink (NY)	--	--	--	8,620	--	--	--	--	--	--	--
Roseton (NY)	--	37,881	1,218	--	--	--	--	63	13	--	779
South Cairo (NY)	--	56	--	--	--	--	--	*	--	--	3
Sturgeon Pool (NY)	--	--	--	10,607	--	--	--	--	--	--	--
Central Illinois Light Co	361,726	756	--	--	--	--	151	1	--	365	1
Duck Creek (IL)	109,933	27	--	--	--	--	53	*	--	167	1
E D Edwards (IL)	251,793	729	--	--	--	--	98	1	--	198	1
Sterling Avenue (IL)	--	--	--	--	--	--	--	--	--	--	--
Central Illinois Public Service Co	826,536	2,075	--	--	--	--	389	4	--	650	45
Coffeen (IL)	154,455	321	--	--	--	--	83	1	--	154	5
Grand Tower (IL)	27,226	363	--	--	--	--	14	1	--	50	1
Hutsonville (IL)	17,656	503	--	--	--	--	9	1	--	107	3
Meredosia (IL)	91,426	561	--	--	--	--	44	1	--	123	28
Newton (IL)	535,773	327	--	--	--	--	240	1	--	216	8
Central Iowa Power Coop	19,608	--	--	--	--	--	11	--	--	53	3
Fair Station (IA)	19,608	--	--	--	--	--	11	--	--	53	--
Summit Lake (IA)	--	--	--	--	--	--	--	--	--	--	3
Central Louisiana Elec Co, Inc	281,746	--	159,445	--	--	--	173	--	1,590	929	209
Coughlin (LA)	--	--	6,180	--	--	--	--	--	90	--	49
Dolet Hills (LA)	--	--	--	--	--	--	--	--	--	543	--
Franklin (LA)	--	--	--	--	--	--	--	--	--	--	--
Rodemacher (LA)	281,746	--	-599	--	--	--	173	--	1	386	118
Teche (LA)	--	--	153,864	--	--	--	--	--	1,498	--	42
Central Maine Power Company	--	30,528	--	176,863	--	--	--	61	--	--	521
Andro Lower (ME)	--	--	--	24	--	--	--	--	--	--	--
Androscoggin 3 (ME)	--	--	--	1,973	--	--	--	--	--	--	--
Automatic (ME)	--	--	--	397	--	--	--	--	--	--	--
Bar Mills (ME)	--	--	--	1,909	--	--	--	--	--	--	--
Bates Lower (ME)	--	--	--	101	--	--	--	--	--	--	--
Bates Upper (ME)	--	--	--	1,252	--	--	--	--	--	--	--
Bonny Eagle (ME)	--	--	--	6,651	--	--	--	--	--	--	--
Brassua (ME)	--	--	--	--	--	--	--	--	--	--	--
Brunswick (ME)	--	--	--	10,227	--	--	--	--	--	--	--
C. E. Monty (ME)	--	--	--	17,558	--	--	--	--	--	--	--
Cape (ME)	--	-58	--	--	--	--	--	*	--	--	10
Cataract (ME)	--	--	--	5,201	--	--	--	--	--	--	--
Continental Mills (ME)	--	--	--	358	--	--	--	--	--	--	--
Deer Rips (ME)	--	--	--	4,113	--	--	--	--	--	--	--
Fort Halifax (ME)	--	--	--	681	--	--	--	--	--	--	--
Gulf Island (ME)	--	--	--	15,412	--	--	--	--	--	--	--
Harris (ME)	--	--	--	19,831	--	--	--	--	--	--	--
Hill Mill (ME)	--	--	--	438	--	--	--	--	--	--	--

See footnotes at end of table.

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

Company (Holding Compa. ? 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)	--	--	--	6,351	--	--	--	--	--	--	--
Islesboro (ME)	--	--	--	--	--	--	--	--	--	--	--
Mason (ME)	--	--	--	--	--	--	--	--	--	--	--
North Gorham (ME)	--	--	--	884	--	--	--	--	--	--	--
Oakland (ME)	--	--	--	1,811	--	--	--	--	--	--	--
Peaks Island (ME)	--	--	--	--	--	--	--	--	--	--	--
Rice Rips (ME)	--	--	--	1,159	--	--	--	--	--	--	--
Shawmut (ME)	--	--	--	4,871	--	--	--	--	--	--	--
Skelton (ME)	--	--	--	13,082	--	--	--	--	--	--	--
Union Gas (ME)	--	--	--	1,060	--	--	--	--	--	--	--
West Buxton (ME)	--	--	--	4,240	--	--	--	--	--	--	--
West Channel (MA)	--	--	--	-8	--	--	--	--	--	--	--
Weston (ME)	--	--	--	5,537	--	--	--	--	--	--	--
Williams (ME)	--	--	--	7,938	--	--	--	--	--	--	--
Wyman Hydro (ME)	--	--	--	43,812	--	--	--	--	--	--	--
Wyman, W F (ME)	--	30,586	--	--	--	--	--	61	--	--	511
Central Nebraska Pub Pwr & Irr											
Dist	--	--	-13	14,388	--	--	--	--	1	--	80
Canaday (NE)	--	--	-13	--	--	--	--	--	1	--	80
Jeffrey Canyon (NE)	--	--	--	6,053	--	--	--	--	--	--	--
Johnson No 1 (NE)	--	--	--	3,656	--	--	--	--	--	--	--
Johnson No 2 (NE)	--	--	--	4,300	--	--	--	--	--	--	--
Kingsley (NE)	--	--	--	379	--	--	--	--	--	--	--
Central Operating Company											
(AEP)	133,253	527	--	--	--	--	52	1	--	839	15
Sporn, Phil (WV)	133,253	527	--	--	--	--	52	1	--	839	15
Central Power & Light Co (CSW)											
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Bates, J L (TX)	--	--	76,522	--	--	--	--	--	829	--	40
Coletto Creek (TX)	27,1	813	--	--	--	--	14	2	--	286	7
Davis, Barney M (TX)	--	139	272,183	--	--	--	--	*	2,683	--	137
Eagle Pass (TX)	--	--	--	3,661	--	--	--	--	--	--	--
Hill, Lon C (TX)	--	--	163,584	--	--	--	--	*	1,721	--	66
Joslin, E S (TX)	--	55	82,320	--	--	--	--	*	819	--	51
La Palma (TX)	--	--	2,621	--	--	--	--	--	37	--	43
Laredo (TX)	--	119	57,784	--	--	--	--	*	608	--	21
Nueces Bay (TX)	--	13	70,895	--	--	--	--	*	726	--	62
Victoria (TX)	--	22	60,396	--	--	--	--	*	638	--	53
Central Vermont Pub Serv Corp											
Arnold Falls (VT)	--	-16	--	22,639	--	--	--	*	--	--	5
Ascutney (VT)	--	--	--	38	--	--	--	--	--	--	--
Bradford (VT)	--	4	--	--	--	--	--	*	--	--	2
Carver Falls (NY)	--	--	--	610	--	--	--	--	--	--	--
Cavendish (VT)	--	--	--	629	--	--	--	--	--	--	--
Clarks Falls (VT)	--	--	--	989	--	--	--	--	--	--	--
East Barnet (VT)	--	--	--	1,927	--	--	--	--	--	--	--
Fairfax Falls (VT)	--	--	--	290	--	--	--	--	--	--	--
Gage (VT)	--	--	--	2,013	--	--	--	--	--	--	--
Glen (VT)	--	--	--	359	--	--	--	--	--	--	--
Lower Middlebury (VT)	--	--	--	1,170	--	--	--	--	--	--	--
Milton (VT)	--	--	--	1,269	--	--	--	--	--	--	--
Passumpsic (VT)	--	--	--	4,539	--	--	--	--	--	--	--
Patch (VT)	--	--	--	364	--	--	--	--	--	--	--
Peterson (VT)	--	--	--	152	--	--	--	--	--	--	--
Pierce Mills (VT)	--	--	--	4,400	--	--	--	--	--	--	--
Pittsford (VT)	--	--	--	122	--	--	--	--	--	--	--
Rutland (VT)	--	-13	--	131	--	--	--	--	--	--	3
Salisbury (VT)	--	--	--	544	--	--	--	--	--	--	--
Silver Lake (VT)	--	--	--	919	--	--	--	--	--	--	--
St. Albans (VT)	--	-7	--	--	--	--	--	--	--	--	*
Taftsville (VT)	--	--	--	227	--	--	--	--	--	--	--
Weybridge (VT)	--	--	--	1,947	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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 ...	--	--	--	6,797	--	--	--	--	--	--	--
Centralia (WA)	--	--	--	6,797	--	--	--	--	--	--	--
Champion International	--	--	--	2,583	--	6,146	--	--	--	--	--
Lake Creek (MT)	--	--	--	2,583	--	--	--	--	--	--	--
Libby (MT)	--	--	--	--	--	6,146	--	--	--	--	--
Chanute City Of	--	--	-69	--	--	--	--	*	1	--	1
Chanute (KS)	--	--	--	--	--	--	--	--	--	--	--
Chanute 2 (KS)	--	--	-1	--	--	--	--	*	*	--	*
Chanute 3 (KS)	--	--	-68	--	--	--	--	*	*	--	1
Chappell City Of	--	--	--	--	--	--	--	--	--	--	--
Chappell (NE)	--	--	--	--	--	--	--	--	--	--	--
Chelan County P U D No 1	--	--	--	366,161	--	--	--	--	--	--	--
Chelan (WA)	--	--	--	-298	--	--	--	--	--	--	--
Rock Island (WA)	--	--	--	123,540	--	--	--	--	--	--	--
Rocky Reach (WA)	--	--	--	242,919	--	--	--	--	--	--	--
Cheyenne Lt, Fuel & Power Co ...	--	--	--	--	--	--	--	--	--	--	--
Snyder (WY)	--	--	--	--	--	--	--	--	--	--	--
Chillicothe Municipal Utilities	1,723	9	33	--	--	--	1	*	1	2	8
Beardmore (MO)	1,723	9	33	--	--	--	1	*	1	2	8
Chugach Electric Assn, Inc	--	--	146,825	32,008	--	--	--	--	1,555	--	10
Beluga (AK)	--	--	146,795	--	--	--	--	--	1,553	--	--
Bernice Lake (AK)	--	--	96	--	--	--	--	--	1	--	3
Bradley Lake (AK)	--	--	--	25,303	--	--	--	--	--	--	--
Cooper Lake (AK)	--	--	--	6,705	--	--	--	--	--	--	--
International (AK)	--	--	--	--	--	--	--	--	*	--	7
Soldotna (AK)	--	--	-66	--	--	--	--	--	--	--	--
Cincinnati Gas & Electric Co	1,665,157	4,534	1,651	--	--	--	653	8	40	1,702	154
Beckjord, Walter C (OH)	539,721	1,081	--	--	--	--	222	2	--	311	17
Dicks Creek (OH)	--	37	-133	--	--	--	--	*	*	--	3
East Bend (KY)	29,462	688	--	--	--	--	16	2	--	211	6
Miami Fort (OH)	392,511	2,460	--	--	--	--	158	4	--	544	13
W. H. Zimmer ()	703,463	268	--	--	--	--	257	*	--	636	18
Woodsdale (OH)	--	--	1,784	--	--	--	--	--	40	--	98
Citizens Utilities Co	--	--	--	4,348	--	--	--	--	--	--	*
Charleston (VT)	--	--	--	481	--	--	--	--	--	--	--
Newport (VT)	--	--	--	3,716	--	--	--	--	--	--	--
Newport Diesel (VT)	--	--	--	--	--	--	--	--	--	--	*
North Troy (VT)	--	--	--	151	--	--	--	--	--	--	--
Citizens Utilities Company	--	-26	--	--	--	--	--	--	--	--	1
Valencia (AZ)	--	-26	--	--	--	--	--	--	--	--	1
Clarksdale Water & Light Dept ...	--	--	--	--	--	--	--	--	--	--	13
South (MS)	--	--	--	--	--	--	--	--	--	--	13
Third St (MS)	--	--	--	--	--	--	--	--	--	--	--
Clay Center Mun Lt & Water											
Plant	--	--	336	--	--	--	--	*	7	--	3
Claycenter (KS)	--	--	336	--	--	--	--	*	7	--	3
Cleveland Elec Illum Co, The	1,368,537	2,430	--	--	-15,962	--	527	6	--	627	86
Ashtabula (OH)	199,476	400	--	--	--	--	85	1	--	143	1
Avon Lake (OH)	445,799	667	--	--	--	--	171	2	--	182	15
Eastlake (OH)	648,834	1,084	--	--	--	--	240	3	--	259	13
Lake Shore (OH)	74,428	279	--	--	--	--	30	1	--	44	57
Perry (OH)	--	--	--	--	-15,962	--	--	--	--	--	--
Cleveland Publ Utills Dept	--	--	248	--	--	--	--	--	7	--	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, April 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 Utils Dept											
Lake Road (OH)	--	--	--	--	--	--	--	--	--	--	--
West 41st Street (OH)	--	--	248	--	--	--	--	--	7	--	2
Clinton Village Of	--	-11	--	--	--	--	--	--	--	--	*
Clinton (MI)	--	-11	--	--	--	--	--	--	--	--	*
Cloverland Electric Coop	--	-80	--	--	--	--	--	--	--	--	1
Dafter (MI)	--	-56	--	--	--	--	--	--	--	--	*
Detour (MI)	--	-24	--	--	--	--	--	--	--	--	*
Coffeyville Mun Lt Dept	--	--	8,896	--	--	--	--	--	132	--	--
Coffeyville (KS)	--	--	8,896	--	--	--	--	--	132	--	--
Coggon Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Coggon (IA)	--	--	--	--	--	--	--	--	--	--	--
Colby Mun Wtr & Lt Plant	--	--	--	--	--	--	--	--	*	--	2
Colby (KS)	--	--	--	--	--	--	--	--	*	--	2
Coldwater City Of (Bd Of Pub Utils)	--	--	--	--	--	--	--	--	--	--	1
Coldwater (MI)	--	--	--	--	--	--	--	--	--	--	1
Coleman City Of	--	2	--	--	--	--	--	*	*	--	1
Coleman (TX)	--	2	--	--	--	--	--	*	*	--	1
Colorado Springs, City Of	233,056	--	231	--	--	--	115	--	4	407	41
Drake, Martin (CO)	104,143	--	277	--	--	--	56	--	3	71	5
George Birdsal (CO)	--	--	-46	--	--	--	--	--	*	--	34
Manitou (CO)	--	--	--	--	--	--	--	--	--	--	--
Ray D. Nixon (CO)	128,913	--	--	--	--	--	59	--	--	336	2
Ruxton (CO)	--	--	--	--	--	--	--	--	--	--	--
Columbia Water & Light Dept	-296	--	--	--	--	--	--	--	--	5	2
Columbia (MO)	-296	--	--	--	--	--	--	--	--	5	2
Columbus & Southern Ohio Elec Co	260,459	310	--	--	--	--	118	1	--	990	12
Conesville (OH)	232,449	309	--	--	--	--	100	1	--	927	11
Picway (OH)	28,010	1	--	--	--	--	18	*	--	63	2
Columbus City Of	--	--	--	--	--	--	--	--	--	--	--
Municipal Electric (OH)	--	--	--	--	--	--	--	--	--	--	--
O Shaugrassy (OH)	--	--	--	--	--	--	--	--	--	--	--
Commonwealth Edison Co Of Indiana	176,203	--	13,049	--	--	--	99	--	134	218	--
State Line (IN)	176,203	--	13,049	--	--	--	99	--	134	218	--
Commonwealth Edison Company (CES)	1,311,191	24,702	34,519	581	5,339,790	--	836	131	374	3,717	778
Bloom (IL)	--	--	--	--	--	--	--	--	--	--	--
Braidwood (IL)	--	--	--	--	790,311	--	--	--	--	--	--
Byron (IL)	--	--	--	--	1,056,018	--	--	--	--	--	--
Calumet (IL)	--	--	15	--	--	--	--	--	*	--	8
Collins (IL)	--	14,026	--	--	--	--	--	112	--	--	681
Crawford (IL)	93,043	--	5,719	--	--	--	60	--	65	170	6
Dixon (IL)	--	--	--	581	--	--	--	--	--	--	--
Dresden (IL)	--	--	--	--	6,917	--	--	--	--	--	--
Electric Junction (IL)	--	--	--	--	--	--	--	--	--	--	17
Fisk Street (IL)	109,140	119	10,117	--	--	--	65	*	107	137	11
Joliet (IL)	45,311	40	1,272	--	--	--	27	*	14	237	15
Joliet 7 & 8 (IL)	194,414	--	15,094	--	--	--	113	--	158	590	2
Kincaid (IL)	58,993	--	853	--	--	--	40	--	11	392	--
Lasalle (IL)	--	--	--	--	1,470,510	--	--	--	--	--	--
Lombard (IL)	--	--	10	--	--	--	--	--	1	--	10
Powerton (IL)	385,738	--	1,439	--	--	--	276	--	18	1,334	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Commonwealth Edison Company (CES)											
Quad-cities (IL)	--	--	--	--	542,871	--	--	--	--	--	--
Sabrooke (IL)	--	62	--	--	--	--	--	*	--	--	10
Waukegan (IL)	155,905	831	--	--	--	--	93	2	--	350	15
Will County (IL)	268,647	9,624	--	--	--	--	163	17	--	507	3
Zion (IL)	--	--	--	--	1,473,163	--	--	--	--	--	--
Commonwealth Energy System (CES)											
Airport Diesel (MA)	--	310,137	6,613	--	--	--	--	466	65	--	235
Blackstone Street (MA)	--	2	--	--	--	--	--	*	--	--	*
Canal (MA)	--	--	--	--	--	--	--	--	--	--	3
Cannon Street (MA)	--	309,872	--	--	--	--	--	466	--	--	183
Kendall Square (MA)	--	--	--	--	--	--	--	--	--	--	--
Oak Bluffs (MA)	--	237	6,613	--	--	--	--	*	65	--	47
West Tisbury (MA)	--	5	--	--	--	--	--	*	--	--	1
West Tisbury (MA)	--	21	--	--	--	--	--	*	--	--	2
Connecticut Light & Power Co (NU)											
Bantam (CT)	--	94,850	161	56,223	--	39,081	--	168	10	--	1,172
Branford (CT)	--	--	--	205	--	--	--	--	--	--	--
Bulls Bridge (CT)	--	-12	--	--	--	--	--	--	--	--	1
Cos Cob (CT)	--	5	--	4,994	--	--	--	*	--	--	6
Devon (CT)	--	14,757	--	--	--	--	--	30	--	--	214
Falls Village (CT)	--	--	--	6,780	--	--	--	--	--	--	--
Franklin (CT)	--	-13	--	--	--	--	--	--	--	--	1
Middletown (CT)	--	43,494	--	--	--	--	--	73	--	--	433
Montville (CT)	--	333	161	--	--	--	--	3	10	--	274
Norwalk Harbor (CT)	--	36,323	--	--	--	--	--	62	--	--	192
Robertsville (CT)	--	--	--	302	--	--	--	--	--	--	--
Rocky River (CT)	--	--	--	-4,939	--	--	--	--	--	--	--
Scotland (CT)	--	--	--	-2,923	--	--	--	--	--	--	--
Shepaug (CT)	--	--	--	28,286	--	--	--	--	--	--	--
South Meadow (CT)	--	-40	--	--	--	39,081	--	--	--	--	48
Stevenson (CT)	--	--	--	20,702	--	--	--	--	--	--	--
Taftville (CT)	--	--	--	1,317	--	--	--	--	--	--	--
Torrington (CT)	--	-8	--	--	--	--	--	--	--	--	1
Tunnel (CT)	--	11	--	1,499	--	--	--	*	--	--	1
Connecticut Yankee Atomic Pwr Co											
Haddam Neck (CT)	--	--	--	--	418,511	--	--	--	--	--	--
Consolidated Edison Co Of N Y, Inc											
* Central Storage *	--	164,405	774,900	--	79,765	--	--	290	7,933	--	2,979
Arthur Kill (NY)	--	--	--	--	--	--	--	*	*	--	2,002
Astoria (NY)	--	104	-1,804	--	--	--	--	*	*	--	20
Buchanan (NY)	--	21,322	302,942	--	--	--	--	36	3,126	--	220
East River (NY)	--	120	--	--	--	--	--	*	--	--	3
Gowanus (NY)	--	26,552	6,931	--	--	--	--	56	91	--	320
Hudson Avenue (NY)	--	1,416	--	--	--	--	--	4	--	--	59
Indian Point (NY)	--	13,590	--	--	--	--	--	18	--	--	198
Narrows (NY)	--	50	--	--	79,765	--	--	*	--	--	1
Ravenswood (NY)	--	1	1,645	--	--	--	--	*	26	--	78
Waterside (NY)	--	90,782	406,608	--	--	--	--	147	4,086	--	65
59Th Street (NY)	--	34	58,578	--	--	--	--	*	604	--	1
74Th Street (NY)	--	9,093	--	--	--	--	--	22	--	--	10
Consolidated Water Power Company	--	1,341	--	--	--	--	--	7	--	--	2
Biron (WI)	--	--	--	12,313	--	--	--	--	--	--	--
Du Bay (WI)	--	--	--	2,009	--	--	--	--	--	--	--
Stevens Point (WI)	--	--	--	5,127	--	--	--	--	--	--	--
Wisconsin Rapids (WI)	--	--	--	2,659	--	--	--	--	--	--	--
Wisconsin River Di (WI)	--	--	--	2,518	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	1,340,628	7,570	4,802	7,305	564,855	--	544	13	73	752	199
Alcona (MI)	--	--	--	3,246	--	--	--	--	--	--	--
Allegan Dam (MI)	--	--	--	1,312	--	--	--	--	--	--	--
Big Rock Point (MI)	--	--	--	--	41,062	--	--	--	--	--	--
Campbell, J H (MI)	663,270	1,491	--	--	--	--	251	2	--	322	6
Cobb, B C (MI)	62,921	111	4	--	--	--	28	*	*	194	--
Cooke (MI)	--	--	--	3,435	--	--	--	--	--	--	--
Croton (MI)	--	--	--	5,648	--	--	--	--	--	--	--
Five Channels (MI)	--	--	--	3,088	--	--	--	--	--	--	--
Footo (MI)	--	--	--	3,876	--	--	--	--	--	--	--
Gaylord (MI)	--	--	3,889	--	--	--	--	--	59	--	--
Hardy (MI)	--	--	--	18,351	--	--	--	--	--	--	--
Hodenpyl (MI)	--	--	--	4,760	--	--	--	--	--	--	--
Karn, D E (MI)	278,763	5,704	791	--	--	--	121	10	9	129	190
Loud (MI)	--	--	--	2,377	--	--	--	--	--	--	--
Ludington (MI)	--	--	--	-53,796	--	--	--	--	--	--	--
Mio (MI)	--	--	--	1,866	--	--	--	--	--	--	--
Morrow, B E (MI)	--	--	--	--	--	--	--	--	--	--	--
Palisades (MI)	--	--	--	--	523,793	--	--	--	--	--	--
Rogers (MI)	--	--	--	3,754	--	--	--	--	--	--	--
Straits (MI)	--	--	160	--	--	--	--	--	5	--	--
Thetford (MI)	--	--	-43	--	--	--	--	--	--	--	--
Tippy, C W (MI)	--	--	--	7,410	--	--	--	--	--	--	--
Weadock, J C (MI)	153,429	233	1	--	--	--	67	*	*	62	--
Webber (MI)	--	--	--	1,978	--	--	--	--	--	--	--
Whiting, J R (MI)	182,245	31	--	--	--	--	77	*	--	45	3
Coon Rapids Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Coon Rapids (IA)	--	--	--	--	--	--	--	--	--	--	1
Cooperative Power Association ..	719,989	64	--	--	--	--	645	*	--	693	34
Bonifacius (MN)	--	50	--	--	--	--	--	*	--	--	7
Coal Creek (ND)	719,989	14	--	--	--	--	645	*	--	693	27
Copper Valley Electric Assn, Inc ..	--	3,559	--	2,080	--	--	--	7	--	--	2
Glennallen (AK)	--	2,689	--	--	--	--	--	5	--	--	1
Valdez (AK)	--	--	--	2,080	--	--	--	--	--	--	--
Valdez (AK)	--	870	--	--	--	--	--	2	--	--	1
Cordova City Of	--	1,288	--	280	--	--	--	2	--	--	1
Cordova (AK)	--	70	--	--	--	--	--	*	--	--	*
Humpback Creek (AK)	--	--	--	280	--	--	--	--	--	--	--
Ocean Dock (AK)	--	1,218	--	--	--	--	--	2	--	--	1
Corn Belt Power Coop	1,345	--	31	--	--	--	1	--	*	22	--
Humboldt (IA)	-45	--	--	--	--	--	--	--	--	--	--
Wisdom, Earl F (IA)	1,390	--	31	--	--	--	1	--	*	22	--
Corning Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Corning (IA)	--	--	--	--	--	--	--	--	--	--	--
Craig-Botetourt Electric Coop	--	--	--	196	--	--	--	--	--	--	--
New Castle (VA)	--	--	--	196	--	--	--	--	--	--	--
Crawfordsville Elec Lt & Pwr Util ..	--	--	--	--	--	--	--	--	--	1	--
Crawfordsville (IN)	--	--	--	--	--	--	--	--	--	1	--
Crete City Of	--	17	50	--	--	--	--	*	1	--	2
Crete (NE)	--	17	50	--	--	--	--	*	1	--	2
Crisp County Power Commission ..	-100	--	-1	6,588	--	--	--	--	*	4	--
Crisp (GA)	-100	--	-1	--	--	--	--	--	*	4	--
Warwick (GA)	--	--	--	6,588	--	--	--	--	--	--	--
Crystal Falls City Of (Lt & Wtr)	--	--	--	847	--	--	--	--	--	--	--
Crystal Falls (MI)	--	--	--	847	--	--	--	--	--	--	--
Culpeper Town Of	--	56	19	--	--	--	--	*	*	--	1
Culpeper (VA)	--	56	19	--	--	--	--	*	*	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	5	3	--	--	--	--	*	*	--	1
Cumberland (WI)	--	5	3	--	--	--	--	*	*	--	1
Curtis City Of	--	--	--	--	--	--	--	--	--	--	--
Curtis (NE)	--	--	--	--	--	--	--	--	--	--	--
Cushing City Of	--	2	19	--	--	--	--	*	*	--	1
Cushing (OK)	--	2	19	--	--	--	--	*	*	--	1
Dahlberg Light & Power Co	--	--	--	610	--	--	--	--	--	--	*
Gordon (WI)	--	--	--	66	--	--	--	--	--	--	*
Nancy (WI)	--	--	--	544	--	--	--	--	--	--	--
Solon Diesel (WI)	--	--	--	--	--	--	--	--	--	--	*
Dairyland Power Cooperative	325,081	634	--	9,309	--	--	183	1	--	526	7
Alma (WI)	51,795	49	--	--	--	--	30	*	--	50	*
Flambeau (WI)	--	--	--	9,309	--	--	--	--	--	--	--
Genoa (WI)	136,688	460	--	--	--	--	61	1	--	365	5
J P Madgett (WI)	134,147	55	--	--	--	--	91	*	--	87	1
Stoneman (WI)	2,451	70	--	--	--	--	1	*	--	24	*
Danville Water, Gas & Elec Dept ..	--	--	--	5,200	--	--	--	--	--	--	--
Pinnacles (VA)	--	--	--	5,200	--	--	--	--	--	--	--
Dayton Light & Power	--	--	--	--	--	--	--	--	--	--	--
Dayton (IA)	--	--	--	--	--	--	--	--	--	--	--
Dayton Power & Light Company,											
The	1,282,885	3,532	2,398	--	--	--	543	6	32	841	40
Frank M Tait (OH)	--	8	--	--	--	--	--	*	--	--	1
Hutchings (OH)	24,531	--	923	--	--	--	12	*	10	45	1
Killen Station (OH)	339,691	958	--	--	--	--	138	2	--	93	31
Monument (OH)	--	11	--	--	--	--	--	*	--	--	*
Sidney (OH)	--	21	--	--	--	--	--	*	--	--	*
Stuart, J M (OH)	918,663	2,516	--	--	--	--	393	4	--	703	2
Yankee Street (OH)	--	18	1,475	--	--	--	--	*	22	--	5
Delano Municipal Power Plant	--	--	--	--	--	--	--	--	--	--	2
Delano (MN)	--	--	--	--	--	--	--	--	--	--	2
Delmarva Power & Light Co. Of											
Del	415,515	115,239	25,904	--	--	--	175	182	310	351	636
Bayview (VA)	--	4	--	--	--	--	--	*	--	--	2
Christiana (DE)	--	18	--	--	--	--	--	*	--	--	14
Crisfield (MD)	--	32	--	--	--	--	--	*	--	--	*
Delaware City (DE)	--	13	--	--	--	--	--	*	--	--	6
Edge Moor (DE)	88,970	112,061	2,094	--	--	--	38	175	22	64	326
Hay Road (DE)	--	228	23,810	--	--	--	--	1	289	--	91
Indian River (DE)	326,545	3,082	--	--	--	--	137	5	--	287	9
Madison Street (DE)	--	7	--	--	--	--	--	*	--	--	1
Tasley (VA)	--	-32	--	--	--	--	--	--	--	--	10
Vienna (MD)	--	-186	--	--	--	--	--	*	--	--	176
West Substation (DE)	--	12	--	--	--	--	--	*	--	--	1
Delta City Of	--	4	42	--	--	--	--	*	*	--	*
Delta (CO)	--	4	42	--	--	--	--	*	*	--	*
Denison Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Denison (IA)	--	--	--	--	--	--	--	--	--	--	--
Denton Municipal Utilities	--	--	14,593	1,307	--	--	--	--	173	--	30
Lewisdale (TX)	--	--	--	724	--	--	--	--	--	--	--
Roberts (TX)	--	--	--	563	--	--	--	--	--	--	--
Spencer (TX)	--	--	14,593	--	--	--	--	--	173	--	30
Denver City & County Of	--	--	--	4,014	--	--	--	--	--	--	--
Blue River (CO)	--	--	--	1,116	--	--	--	--	--	--	--
Foothills (CO)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	840	--	--	--	--	--	--	--
Strontia Sprgs (CO)	--	--	--	786	--	--	--	--	--	--	--
Williams Fork (CO)	--	--	--	1,272	--	--	--	--	--	--	--
Deseret Generating & Transmission	238,461	298	--	--	--	--	110	1	--	422	3
Bonanza (UT)	238,461	298	--	--	--	--	110	1	--	422	3
Deshler Municipal Utilities	--	--	--	--	--	--	--	*	--	--	*
Deshler (NE)	--	--	--	--	--	--	--	*	--	--	*
Detroit City Of (Pub Lighting Dept)	--	15,557	--	--	--	--	--	38	--	--	51
Mistersky (MI)	--	15,557	--	--	--	--	--	38	--	--	51
Detroit Edison Company, The	3,024,202	9,088	12,245	--	428,754	--	1,508	19	679	5,270	354
* Central Storage *	--	--	--	--	--	--	--	--	--	2,826	--
Beacon Heating (MI)	--	--	2,252	--	--	--	--	--	10	--	7
Belle River (MI)	534,823	2,155	--	--	--	--	294	4	--	--	10
Colfax (MI)	--	-35	--	--	--	--	--	--	--	--	1
Conners Creek (MI)	--	-14	--	--	--	--	--	--	--	--	*
Dayton (MI)	--	-44	--	--	--	--	--	--	--	--	*
Enrico Fermi (MI)	--	9	--	--	428,754	--	--	*	--	--	4
Greenwood (MI)	--	-1,180	--	--	--	--	--	--	--	--	263
Hancock (MI)	--	--	9	--	--	--	--	--	1	--	--
Harbor Beach (MI)	7,477	253	--	--	--	--	4	1	--	16	*
Marysville (MI)	9,812	--	571	--	--	--	5	--	7	9	--
Monroe (MI)	1,513,986	5,785	--	--	--	--	704	10	--	1,139	7
Northeast (MI)	--	-21	9	--	--	--	--	*	1	--	2
Oliver (MI)	--	-44	--	--	--	--	--	--	--	--	1
Placid (MI)	--	-30	--	--	--	--	--	*	--	--	1
Putnam (MI)	--	-29	--	--	--	--	--	--	--	--	1
River Rouge (MI)	139,641	-32	7,302	--	--	--	64	*	639	87	*
Slocum (MI)	--	-40	--	--	--	--	--	--	--	--	*
St. Clair (MI)	560,924	2,443	2,102	--	--	--	313	5	21	1,106	44
Superior (MI)	--	-53	--	--	--	--	--	--	--	--	2
Trenton Channel (MI)	257,539	--	--	--	--	--	125	--	--	87	10
Wilmott (MI)	--	-35	--	--	--	--	--	--	--	--	1
Detroit Lakes City Of	--	--	--	--	--	--	--	--	--	--	--
Detroit Lakes (MN)	--	--	--	--	--	--	--	--	--	--	--
Douglas County Pud No 1	--	--	--	181,865	--	--	--	--	--	--	--
Wells (WA)	--	--	--	181,865	--	--	--	--	--	--	--
Dover Elec Lt & Power Plant	3,809	--	20	--	--	--	3	--	1	*	*
Dover (OH)	3,809	--	20	--	--	--	3	--	1	*	*
Dover Electric Department	--	6,204	790	--	--	--	--	15	12	--	12
McKee Run (DE)	--	6,141	685	--	--	--	--	15	10	--	10
Van Sant (DE)	--	63	105	--	--	--	--	*	2	--	3
Dowagiac Dept Of Public Service	--	23	26	--	--	--	--	*	*	--	*
Dowagiac (MI)	--	23	26	--	--	--	--	*	*	--	*
Duke Power Company	1,487,800	6,481	126	3,316	4,167,076	--	568	14	1	2,188	101
Allen (NC)	-2,159	--	--	--	--	--	2	*	--	435	2
Bad Creek (SC)	--	--	--	30,523	--	--	--	--	--	--	--
Belews Creek (NC)	784,393	2,914	--	--	--	--	296	5	--	634	6
Boyd's Mill (SC)	--	--	--	877	--	--	--	--	--	--	--
Bridgewater (NC)	--	--	--	8,671	--	--	--	--	--	--	--
Buck (NC)	16,955	-27	--	--	--	--	8	*	--	67	11
Buzzard Roost (SC)	--	-56	--	8,112	--	--	--	*	--	--	31
Catawba (NC)	--	--	--	--	1,531,563	--	--	--	--	--	--
Cedar Creek (SC)	--	--	--	21,963	--	--	--	--	--	--	--
Cliffside (NC)	44,420	514	--	--	--	--	18	1	--	189	2
Cowans Ford (NC)	--	--	--	36,070	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	43,090	-28	18	--	--	--	18	1	*	56	13
Dearborn (SC)	--	--	--	14,290	--	--	--	--	--	--	--
Fishing Creek (SC)	--	--	--	27,931	--	--	--	--	--	--	--
Gaston Shoals (SC)	--	--	--	1,147	--	--	--	--	--	--	--
Great Falls (SC)	--	--	--	16,254	--	--	--	--	--	--	--
Holidays Bridge (SC)	--	--	--	1,735	--	--	--	--	--	--	--
Idols (NC)	--	--	--	-47	--	--	--	--	--	--	--
Jocassee (SC)	--	--	--	13,904	--	--	--	--	--	--	--
Keowee (SC)	--	--	--	11,671	--	--	--	--	--	--	--
Lee (SC)	29,146	-56	--	--	--	--	11	2	--	105	11
Lookout Shoals (NC)	--	--	--	16,732	--	--	--	--	--	--	--
Marshall (NC)	537,270	2,591	--	--	--	--	201	4	--	562	6
Mc Guire (NC)	--	--	--	--	823,357	--	--	--	--	--	--
Mountain Island (NC)	--	--	--	24,651	--	--	--	--	--	--	--
Oconee (SC)	--	--	--	--	1,812,156	--	--	--	--	--	--
Oxford (NC)	--	--	--	18,356	--	--	--	--	--	--	--
Rhodhiss (NC)	--	--	--	11,006	--	--	--	--	--	--	--
Riverbend (NC)	34,685	629	108	--	--	--	14	1	1	140	16
Rocky Creek (SC)	--	--	--	8,392	--	--	--	--	--	--	--
Saluda (SC)	--	--	--	1,231	--	--	--	--	--	--	--
Spencer Mountain (NC)	--	--	--	215	--	--	--	--	--	--	--
Stice Shoals (NC)	--	--	--	258	--	--	--	--	--	--	--
Turner Shoals (NC)	--	--	--	2,835	--	--	--	--	--	--	--
Tuxedo (NC)	--	--	--	2,679	--	--	--	--	--	--	--
Urquhart (SC)	--	--	--	--	--	--	--	--	--	--	4
Wateree (SC)	--	--	--	44,759	--	--	--	--	--	--	--
Wylie (SC)	--	--	--	30,438	--	--	--	--	--	--	--
99 Islands (SC)	--	--	--	9,909	--	--	--	--	--	--	--
Duquesne Light Company											
Beaver Valley (PA)	574,526	332	1,039	--	560,534	--	235	3	10	479	57
Brunot Island (PA)	--	--	--	--	560,534	--	--	3	--	--	56
Cheswick (PA)	345,148	--	1,039	--	--	--	132	--	10	287	--
Elrama (PA)	229,378	229	--	--	--	--	103	*	--	192	1
Phillips, F (PA)	--	--	--	--	--	--	--	--	--	--	--
Durant Municipal Electric Plant											
Durant (IA)	--	--	--	--	--	--	--	--	--	--	*
East Bay Mun Utility District											
Camanche (CA)	--	--	--	25,479	--	--	--	--	--	--	--
Pardee (CA)	--	--	--	5,204	--	--	--	--	--	--	--
East Kentucky Power											
Cooperative	578,896	794	--	--	--	--	245	1	--	458	4
Cooper (KY)	100,453	45	--	--	--	--	41	*	--	100	*
Dale (KY)	75,625	51	--	--	--	--	35	*	--	28	*
Spurlock, H L (KY)	402,818	698	--	--	--	--	168	1	--	331	4
Eastern Maine Elec Coop, Inc											
Portable (ME)	--	-1	--	--	--	--	--	*	--	--	*
River Street (ME)	--	--	--	--	--	--	--	--	--	--	--
Easton Utilities Commission, The											
Easton (MD)	--	1,134	220	--	--	--	--	2	2	--	11
Easton No. 2 (MD)	--	132	183	--	--	--	--	*	--	--	6
Easton No. 2 (MD)	--	1,002	37	--	--	--	--	2	*	--	5
Edison Sault Electric Co											
Edison Sault (MI)	--	-5	--	16,728	--	--	--	*	--	--	*
Manistique (MI)	--	--	--	16,728	--	--	--	--	--	--	--
Egegik Light & Power Company											
Egegik (AK)	--	53	--	--	--	--	--	*	--	--	--
El Paso Electric Company											
Copper (TX)	--	--	133,887	--	--	--	--	--	1,575	--	78
Newman (TX)	--	--	5,834	--	--	--	--	--	83	--	7
Rio Grande (NM)	--	--	57,678	--	--	--	--	--	686	--	11
Rio Grande (NM)	--	--	70,375	--	--	--	--	--	806	--	61

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Electra City Of	--	--	--	--	--	--	--	--	--	--	--
Electra (TX)	--	--	--	--	--	--	--	--	--	--	--
Electric Energy, Inc	563,079	137	--	--	--	--	265	*	--	567	1
Joppa Steam (IL)	563,079	137	--	--	--	--	265	*	--	567	1
Elk River Municipal Utilities	--	7	--	--	--	--	--	*	--	--	*
Elk River (MN)	--	7	--	--	--	--	--	*	--	--	*
Ellinwood Lt & Water	--	--	--	--	--	--	--	--	--	--	--
Ellinwood (KS)	--	--	--	--	--	--	--	--	--	--	--
Elroy City Of	--	-2	--	--	--	--	--	*	--	--	*
Elroy (WI)	--	-2	--	--	--	--	--	*	--	--	*
Emerson Light & Power Plant	--	2	23	--	--	--	--	*	*	--	*
Emerson (NE)	--	2	23	--	--	--	--	*	*	--	*
Empire District Electric Co	101,316	-94	365	10,824	--	--	62	*	6	148	47
Asbury (MO)	65,462	9	--	--	--	--	40	*	--	96	*
Energy Center (MO)	--	-103	--	--	--	--	--	--	--	--	23
Ozark Beach (MO)	--	--	--	10,824	--	--	--	--	--	--	--
Riverton (KS)	35,854	--	365	--	--	--	22	--	6	53	23
Enosburg Falls Inc Village Of	--	--	--	403	--	--	--	*	--	--	*
Diesel Plt (VT)	--	--	--	--	--	--	--	*	--	--	*
Kendall (VT)	--	--	--	121	--	--	--	--	--	--	--
Village Plt (VT)	--	--	--	282	--	--	--	--	--	--	--
Ephraim City Corporation	--	--	--	282	--	--	--	--	--	--	--
No. 1 (UT)	--	--	--	65	--	--	--	--	--	--	--
No. 3 (UT)	--	--	--	200	--	--	--	--	--	--	--
No. 4 (UT)	--	--	--	17	--	--	--	--	--	--	--
Erie Water & Light	--	--	--	--	--	--	--	--	--	--	--
Erie (KS)	--	--	--	--	--	--	--	--	--	--	--
Escondido Mutual Wtr Co	--	--	--	380	--	--	--	--	--	--	--
Bear Valley (CA)	--	--	--	380	--	--	--	--	--	--	--
Rincon Pwr (CA)	--	--	--	--	--	--	--	--	--	--	--
Estherville City Of	--	2	--	--	--	--	--	*	*	--	2
Esterville (IA)	--	2	--	--	--	--	--	*	*	--	2
Eugene City Of	--	--	--	46,230	--	151	--	--	--	--	--
Carmen (OR)	--	--	--	33,151	--	--	--	--	--	--	--
Leaburg (OR)	--	--	--	8,954	--	--	--	--	--	--	--
Walterville (OR)	--	--	--	4,125	--	--	--	--	--	--	--
Willamette (OR)	--	--	--	--	--	151	--	--	--	--	--
Fairbanks Mun Utilities System	10,765	--	--	--	--	--	10	--	--	6	1
Chena (AK)	10,765	--	--	--	--	--	10	--	--	6	1
Fairbury Light & Water Dept	--	--	--	--	--	--	--	--	--	--	*
Fairbury (NE)	--	--	--	--	--	--	--	--	--	--	*
Fairfax Mun Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Fairfax (MN)	--	--	--	--	--	--	--	--	--	--	--
Fairfield Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Fairfield (IL)	--	--	--	--	--	--	--	--	--	--	--
Fairmont Pub Util Comm	-36	-36	271	--	--	--	--	--	6	2	1
Fairmont (MN)	-36	-36	271	--	--	--	--	--	6	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, April 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	--	--	--	--	--	--	--	--	--	--	--
Felt (ID)	--	--	--	--	--	--	--	--	--	--	--
New Felt (ID)	--	--	--	--	--	--	--	--	--	--	--
Falls City Water & Light Dept	--	3	57	--	--	--	--	*	1	--	*
Falls City (NE)	--	3	57	--	--	--	--	*	1	--	*
Farmer City City Of	--	10	16	--	--	--	--	*	*	--	*
Farmer City (IL)	--	10	16	--	--	--	--	*	*	--	*
Farmington City Of	--	--	5,072	9,068	--	--	--	--	85	--	--
Animas (NM)	--	--	5,072	--	--	--	--	--	85	--	--
Navajo (NM)	--	--	--	9,068	--	--	--	--	--	--	--
Farmington River Pwr Co	--	--	--	6,683	--	--	--	--	--	--	--
Rainbow (CT)	--	--	--	6,683	--	--	--	--	--	--	--
Fayette Water & Light Plant	--	--	--	--	--	--	--	--	--	--	*
Fayette (MO)	--	--	--	--	--	--	--	--	--	--	*
Fayetteville, Pub Works Comm											
Of	--	704	5,711	--	--	--	--	2	96	--	50
Pod #2 (NC)	--	704	5,711	--	--	--	--	2	96	--	50
Fennimore Municipal Utilities	--	6	--	--	--	--	--	*	--	--	*
Fennimore (WI)	--	6	--	--	--	--	--	*	--	--	*
Fishers Is Elec Corp (the	--	--	--	--	--	--	--	--	--	--	--
Fishers Isl (NY)	--	--	--	--	--	--	--	--	--	--	--
Fitchburg Gas & Elec Light Co	--	--	62	--	--	--	--	--	1	--	1
Fitchburg (MA)	--	--	62	--	--	--	--	--	1	--	1
Florida Keys Elec Coop Assn Inc	--	110	--	--	--	--	--	*	--	--	3
Marathon (FL)	--	110	--	--	--	--	--	*	--	--	3
Florida Power & Light Company	--	1,688,388	846,312	--	1,156,772	--	--	2,589	8,469	--	3,469
Cape Canaveral (FL)	--	283,345	77,183	--	--	--	--	419	777	--	281
Cutler (FL)	--	--	-338	--	--	--	--	--	--	--	--
Fort Meyers (FL)	--	246,569	--	--	--	--	--	369	--	--	528
Lauderdale (FL)	--	110	54,379	--	--	--	--	2	316	--	112
Manatee (FL)	--	378,702	--	--	--	--	--	591	--	--	565
Martin (FL)	--	45,495	133,407	--	--	--	--	77	1,584	--	740
Port Everglades (FL)	--	295,530	185,793	--	--	--	--	447	1,971	--	218
Putnam (FL)	--	182	220,876	--	--	--	--	*	1,988	--	30
Riviera (FL)	--	169,392	-62	--	--	--	--	260	2	--	191
Sanford (FL)	--	163,054	30,643	--	--	--	--	260	338	--	559
St. Lucie (FL)	--	--	--	--	453,716	--	--	--	--	--	--
Turkey Point (FL)	--	106,009	144,431	--	703,056	--	--	165	1,493	--	244
Florida Power Corporation	878,909	591,793	13,396	--	65,454	--	342	948	146	881	1,466
* Central Storage *	--	--	--	--	--	--	--	--	--	--	396
Anclote (FL)	--	114,228	--	--	--	--	--	630	--	--	313
Avon Park (FL)	--	15	--	--	--	--	--	*	--	--	8
Bartow, P L (FL)	--	64,880	--	--	--	--	--	105	--	--	151
Bayboro (FL)	--	306	--	--	--	--	--	1	--	--	39
Crystal River (FL)	878,909	4,291	--	--	65,454	--	342	19	--	881	15
Debarry (FL)	--	7,796	--	--	--	--	--	7	--	--	140
Higgins (FL)	--	27,873	--	--	--	--	--	54	--	--	108
Intercession City (FL)	--	203	--	--	--	--	--	*	--	--	87
Port St. Joe (FL)	--	12	--	--	--	--	--	*	--	--	3
Rio Pinar (FL)	--	--	--	--	--	--	--	--	--	--	2
Suwannee River (FL)	--	31,782	--	--	--	--	--	61	--	--	101
Turner, G E (FL)	--	40,407	13,396	--	--	--	--	71	146	--	102
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, April 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	--	-13	--	--	--	--	--	*	--	--	5
Forest City (IA)	--	-13	--	--	--	--	--	*	--	--	5
Fort Pierce Utilities Authority	--	--	18,262	--	--	--	--	--	199	--	34
King (FL)	--	--	18,262	--	--	--	--	--	199	--	34
Franklin Mun Lt & Wtr Plant	--	--	4	--	--	--	--	*	*	--	*
Franklin (NE)	--	--	4	--	--	--	--	*	*	--	*
Fredonia Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Fredonia (KS)	--	--	--	--	--	--	--	--	--	--	--
Freeburg Mun Light Plant	--	9	--	--	--	--	--	*	--	--	*
Freeburg (IL)	--	9	--	--	--	--	--	*	--	--	*
Freeport Electric Power System	--	-7	--	--	--	--	--	1	--	--	13
Plant No 1 (NY)	--	109	--	--	--	--	--	*	--	--	1
Plant No 2 (NY)	--	-116	--	--	--	--	--	*	--	--	12
Fremont Dept Of Utilities	19,330	--	513	--	--	--	14	--	7	31	2
Lon Wright (NE)	19,330	--	513	--	--	--	14	--	7	31	2
Fulton City Of	--	-81	--	--	--	--	--	*	*	--	2
Fulton (MO)	--	-81	--	--	--	--	--	*	*	--	2
Gainesville Regional Utilities	34,214	2	45,223	--	--	--	15	*	529	81	113
Deerhaven (FL)	34,214	2	28,054	--	--	--	15	*	310	81	71
Kelly, J R (FL)	--	--	17,169	--	--	--	--	--	219	--	41
Gallatin Light & Water Works	--	--	--	--	--	--	--	--	--	--	--
Gallatin (MO)	--	--	--	--	--	--	--	--	--	--	--
Garkane Power Assn, Inc	--	--	--	1,975	--	--	--	--	--	--	--
Boulder (UT)	--	--	--	1,975	--	--	--	--	--	--	--
Garland City Of	--	--	53,405	--	--	--	--	--	618	--	183
Newman, C E (TX)	--	--	2,187	--	--	--	--	--	31	--	20
Olinger, Ray (TX)	--	--	51,218	--	--	--	--	--	587	--	163
Garnett City Of	--	15	--	--	--	--	--	*	--	--	1
Garnett (KS)	--	15	--	--	--	--	--	*	--	--	1
Geneseo Municipal Utilities	--	--	--	--	--	--	--	*	*	--	*
Geneseo (IL)	--	--	--	--	--	--	--	*	*	--	*
Georgia Power Co (SC)	4,744,583	9,323	1,896	234,443	1,131,774	--	1,875	19	25	5,086	434
Arkwright (GA)	-319	--	67	--	--	--	1	--	3	54	14
Atkinson (GA)	--	--	440	--	--	--	--	--	11	--	92
Barnett Shoals (GA)	--	--	--	869	--	--	--	--	--	--	--
Bartlett Ferry (GA)	--	--	--	53,439	--	--	--	--	--	--	--
Bowen (GA)	1,538,354	263	--	--	--	--	599	*	--	1,284	12
Burton (GA)	--	--	--	2,255	--	--	--	--	--	--	--
Estatoah (GA)	--	--	--	85	--	--	--	--	--	--	--
Flint River (GA)	--	--	--	3,125	--	--	--	--	--	--	--
Goat Rock (GA)	--	--	--	15,750	--	--	--	--	--	--	--
Hammond (GA)	168,742	502	--	--	--	--	71	1	--	246	2
Harlee Branch (GA)	643,309	305	--	--	--	--	243	*	--	597	4
Hatch, Edwin I. (GA)	--	--	--	--	289,255	--	--	--	--	--	--
Langdale (GA)	--	--	--	278	--	--	--	--	--	--	--
Lloyd Shoals (GA)	--	--	--	9,394	--	--	--	--	--	--	--
McDonough, J (GA)	204,588	127	1,389	--	--	--	82	*	12	215	--
Mcmanus (GA)	--	820	--	--	--	--	--	3	--	--	127
Mitchell, W (GA)	28,439	2,421	--	--	--	--	13	4	--	53	43
Morgan Falls (GA)	--	--	--	7,984	--	--	--	--	--	--	--
Nacoochee (GA)	--	--	--	1,453	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Georgia Power Co (SC)											
North Highlands (GA)	--	--	--	17,499	--	--	--	--	--	--	--
Oliver Dam (GA)	--	--	--	29,090	--	--	--	--	--	--	--
Riverview (GA)	--	--	--	162	--	--	--	--	--	--	--
Scherer (GA)	1,211,409	--	--	--	--	--	461	--	--	1,130	15
Sinclair Dam (GA)	--	--	--	23,341	--	--	--	--	--	--	--
Tallulah Falls (GA)	--	--	--	19,316	--	--	--	--	--	--	--
Terrora (GA)	--	--	--	5,379	--	--	--	--	--	--	--
Tugalo (GA)	--	--	--	15,814	--	--	--	--	--	--	--
Vogtle (GA)	--	--	--	--	842,519	--	--	--	--	--	--
Wallace Dam (GA)	--	--	--	21,583	--	--	--	--	--	--	--
Wansley (GA)	590,044	2,358	--	--	--	--	252	4	--	835	29
Wilson (GA)	--	1,147	--	--	--	--	--	3	--	--	94
Yates (GA)	360,017	1,380	--	--	--	--	153	2	--	672	2
Yonah (GA)	--	--	--	7,627	--	--	--	--	--	--	--
Gilman Brothers Co											
Gilman (CT)	--	--	--	100	--	--	--	--	--	--	--
	--	--	--	100	--	--	--	--	--	--	--
Girard City Of											
Girard (KS)	--	--	--	--	--	--	--	--	--	--	--
Glencoe Mun Electric Plant											
Glencoe (MN)	--	70	--	--	--	--	--	*	--	--	3
	--	70	--	--	--	--	--	*	--	--	3
Glendale Public Service Dept											
Grayson (CA)	--	21	8,070	--	--	--	--	*	134	--	51
SCAMPP (CA)	--	21	8,070	--	--	--	--	*	134	--	51
	--	--	--	--	--	--	--	--	--	--	--
Golden Valley Elec Assn, Inc											
Fairbanks (AK)	17,683	-190	--	--	--	--	14	*	--	*	34
Healy (AK)	--	-41	--	--	--	--	--	*	--	--	5
North Pole (AK)	17,683	--	--	--	--	--	14	*	--	*	1
	--	-149	--	--	--	--	--	--	--	--	27
Goodland Municipal Electric Dep											
Goodland (KS)	--	67	557	--	--	--	--	*	9	--	3
	--	67	557	--	--	--	--	*	9	--	3
Gouverneur Elec Plt											
Gouverneur (NY)	--	--	--	29	--	--	--	--	--	--	--
	--	--	--	29	--	--	--	--	--	--	--
Gowrie Light & Water Plant											
Gowrie (IA)	--	--	--	--	--	--	--	--	--	--	*
	--	--	--	--	--	--	--	--	--	--	*
Graettinger Mun Light Plant											
Graettinger (IA)	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--
Grafton Light & Water Dept											
Grafton (ND)	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--
Grand Haven Board Of Lt & Pwr											
Harbor Avenue (MI)	2,091	--	--	--	--	--	1	--	--	50	10
J B Simms (MI)	--	--	--	--	--	--	--	--	--	--	10
	2,091	--	--	--	--	--	1	--	--	50	--
Grand Island Water & Light Dept											
Burdick, C W (NE)	21,145	--	2,480	--	--	--	15	--	41	79	58
Platte (NE)	--	--	2,480	--	--	--	--	--	41	--	58
	21,145	--	--	--	--	--	15	--	--	79	--
Grand Junction Mun Lt Plant											
Grand Junction (IA)	--	--	--	--	--	--	--	--	--	--	*
	--	--	--	--	--	--	--	--	--	--	*
Grand Marais, Village Of											
Grand Marais (MN)	--	-1	--	--	--	--	--	*	--	--	*
	--	-1	--	--	--	--	--	*	--	--	*
Grand River Dam Authority											
GRDA No 1 (OK)	265,038	183	1,587	111,598	--	--	174	*	17	518	1
Markham (OK)	265,038	183	1,587	--	--	--	174	*	17	518	1
Pensacola (OK)	--	--	--	47,411	--	--	--	--	--	--	--
Salina (OK)	--	--	--	68,559	--	--	--	--	--	--	--
	--	--	--	-4,372	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	--	--	393	--	--	--	--	--	--	--
Granite Falls (MN)	--	--	--	393	--	--	--	--	--	--	--
Grant County P U D No 2	--	--	--	456,951	--	--	--	--	--	--	--
Pec Hdws (WA)	--	--	--	--	--	--	--	--	--	--	--
Priest Rapids (WA)	--	--	--	240,950	--	--	--	--	--	--	--
Quincy Chut (WA)	--	--	--	997	--	--	--	--	--	--	--
Wanapum (WA)	--	--	--	215,004	--	--	--	--	--	--	--
Green Mountain Power Corporation	--	6	--	15,825	--	--	--	*	--	--	13
Berlin (VT)	--	2	--	--	--	--	--	*	--	--	11
Bolton Falls (VT)	--	--	--	3,890	--	--	--	--	--	--	--
Carthusians (VT)	--	--	--	--	--	--	--	--	--	--	--
Colchester (VT)	--	--	--	--	--	--	--	--	--	--	1
Essex Junction 19 (VT)	--	1	--	4,491	--	--	--	*	--	--	*
Gorge 18 (VT)	--	--	--	765	--	--	--	--	--	--	--
Marshfield 6 (VT)	--	--	--	484	--	--	--	--	--	--	--
Middlesex 2 (VT)	--	--	--	1,793	--	--	--	--	--	--	--
Vergennes 9 (VT)	--	3	--	1,077	--	--	--	*	--	--	1
Waterbury 22 (VT)	--	--	--	2,573	--	--	--	--	--	--	--
West Danville 15 (VT)	--	--	--	752	--	--	--	--	--	--	--
Greenfield Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Greenfield (IA)	--	--	--	--	--	--	--	--	--	--	*
Greenport Village Of	--	-27	--	--	--	--	--	--	--	--	*
Greenport (NY)	--	-27	--	--	--	--	--	--	--	--	*
Greensburg Mun Lt & Pwr	--	25	311	--	--	--	--	*	4	--	1
Greensburg (KS)	--	25	311	--	--	--	--	*	4	--	1
Greenville Electric Dept	--	--	1,785	--	--	--	--	--	29	--	18
Steam (TX)	--	--	-21	--	--	--	--	--	*	--	1
Steam (TX)	--	--	1,806	--	--	--	--	--	29	--	18
Greenwood Utilities Commission	--	--	--	--	--	--	--	--	--	11	6
Henderson (MS)	--	--	--	--	--	--	--	--	--	10	4
Wright (MS)	--	--	--	--	--	--	--	--	--	1	2
Gresham Mun Light Plant	--	--	--	448	--	--	--	--	--	--	--
Lower Weed (WI)	--	--	--	245	--	--	--	--	--	--	--
Upper Weed (WI)	--	--	--	203	--	--	--	--	--	--	--
Grundy Center Mun Lt & Pwr	--	4	--	--	--	--	--	*	--	--	*
Grundy Center (IA)	--	4	--	--	--	--	--	*	--	--	*
Guadalupe-Blanco River Auth	--	--	--	12,178	--	--	--	--	--	--	--
Abbott Tp 3 (TX)	--	--	--	1,466	--	--	--	--	--	--	--
Canyon (TX)	--	--	--	3,471	--	--	--	--	--	--	--
Dunlap Tp 1 (TX)	--	--	--	2,292	--	--	--	--	--	--	--
H-4 (TX)	--	--	--	1,234	--	--	--	--	--	--	--
H-5 (TX)	--	--	--	1,270	--	--	--	--	--	--	--
Nolte (TX)	--	--	--	1,193	--	--	--	--	--	--	--
Nolte (TX)	--	--	--	1,252	--	--	--	--	--	--	--
Gulf Power Co (SC)	354,815	291	117	--	--	--	156	1	1	523	9
Crist (FL)	245,652	155	117	--	--	--	109	*	1	390	2
Scholz (FL)	-401	--	--	--	--	--	--	--	--	16	*
Smith (FL)	109,564	136	--	--	--	--	47	*	--	117	7
Gulf States Utilities Company	388,764	121,716	1,094,337	57,000	355,709	--	239	*	11,227	234	447
Lewis Creek (TX)	--	--	185,922	--	--	--	--	--	1,967	--	34
Louisiana 1 (LA)	--	--	106,287	--	--	--	--	--	805	--	--
Louisiana 2 (LA)	--	--	--	--	--	--	--	--	--	--	--
Neches (TX)	--	--	--	--	--	--	--	--	--	--	--
Nelson, R S (LA)	388,764	121,716	3,633	--	--	--	239	*	37	234	104
River Bend (LA)	--	--	--	--	355,709	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	629,489	--	--	--	--	--	6,693	--	103
Toledo Bend (TX)	--	--	--	57,000	--	--	--	--	--	--	--
Willow Glen (LA)	--	--	169,006	--	--	--	--	--	1,725	--	205
Gwitchyaa Zhee Utility Company	--	180	--	--	--	--	--	*	--	--	*
Gwitchyaa Zhee (AK)	--	180	--	--	--	--	--	*	--	--	*
GPU Nuclear Corporation	--	--	--	--	1,031,075	--	--	--	--	--	--
Oyster Creek (NJ)	--	--	--	--	450,476	--	--	--	--	--	--
Three Mile Island (PA)	--	--	--	--	580,599	--	--	--	--	--	--
Hagerstown Mun Elec Lt Plant	--	--	--	--	--	--	--	--	--	--	--
Hagerstown (MD)	--	--	--	--	--	--	--	--	--	--	--
Haines Light And Power Company	--	731	--	--	--	--	--	2	--	--	--
Haines (AK)	--	731	--	--	--	--	--	2	--	--	--
Halstad Municipal Utilities	--	1	--	--	--	--	--	*	--	--	*
Halstad (MN)	--	1	--	--	--	--	--	*	--	--	*
Hamilton City Of	21,000	2	373	10,565	--	--	10	*	6	4	3
Hamilton (OH)	21,000	2	373	--	--	--	10	*	6	4	3
Hamilton Hydro (OH)	--	--	--	--	--	--	--	--	--	--	--
Vanceburg Hydro (KY)	--	--	--	10,565	--	--	--	--	--	--	--
Hardwick Electric Department	--	--	--	353	--	--	--	--	--	--	*
Hardwick (VT)	--	--	--	--	--	--	--	--	--	--	*
Wolcott (VT)	--	--	--	353	--	--	--	--	--	--	--
Hart Hydro Electric Dept	--	--	--	14	--	--	--	*	--	--	*
Hart (MI)	--	--	--	--	--	--	--	*	--	--	*
Hart Hydro (MI)	--	--	--	14	--	--	--	--	--	--	--
Hartley City Of	--	--	--	--	--	--	--	--	--	--	--
Hartley (IA)	--	--	--	--	--	--	--	--	--	--	--
Hastings Utilities	2,917	31	1,702	--	--	--	4	*	25	73	7
Don Henry (NE)	--	--	--	--	--	--	--	--	--	--	1
Hastings (NE)	2,917	31	--	--	--	--	4	*	--	73	2
North Denver (NE)	--	--	1,702	--	--	--	--	--	25	--	4
Hawaii Electric Light Co, Inc	--	60,770	--	836	--	--	--	137	--	--	52
Kanoelehua (HI)	--	2,527	--	--	--	--	--	5	--	--	4
Keahole (HI)	--	8,951	--	--	--	--	--	20	--	--	7
Puma (HI)	--	18,017	--	--	--	--	--	41	--	--	10
Puueo (HI)	--	--	--	724	--	--	--	--	--	--	--
Shipman (HI)	--	8,064	--	--	--	--	--	21	--	--	4
W. H. Hill (HI)	--	21,532	--	--	--	--	--	46	--	--	24
Waiau (HI)	--	--	--	112	--	--	--	--	--	--	--
Waimea (HI)	--	1,679	--	--	--	--	--	3	--	--	2
Hawaiian Electric Company, Inc	--	334,056	--	--	--	--	--	564	--	--	789
* Central Storage *	--	--	--	--	--	--	--	--	--	--	243
Honolulu (HI)	--	1,790	--	--	--	--	--	5	--	--	50
Kahe (HI)	--	269,362	--	--	--	--	--	442	--	--	341
Waiau (HI)	--	62,904	--	--	--	--	--	117	--	--	156
Hawarden City Of	--	--	--	--	--	--	--	--	--	--	--
Hawarden (IA)	--	--	--	--	--	--	--	--	--	--	--
Haxton City Of	--	--	--	--	--	--	--	--	--	--	--
Haxton (CO)	--	--	--	--	--	--	--	--	--	--	--
Heber Light & Power Plant	--	--	17	551	--	--	--	--	*	--	--
Gas Generation (UT)	--	--	17	--	--	--	--	--	*	--	--
Lake Creek (UT)	--	--	--	358	--	--	--	--	--	--	--
Snake Creek (UT)	--	--	--	193	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	652	1	--	--	--	--	*	*	--	3	*
Henderson (KY)	652	1	--	--	--	--	*	*	--	3	*
Herndon City Of	--	--	--	--	--	--	--	--	--	--	--
City Lght Plant (KS)	--	--	--	--	--	--	--	--	--	--	--
Herrington City Of	--	-41	--	--	--	--	--	--	--	--	*
Herrington (KS)	--	-41	--	--	--	--	--	--	--	--	*
Hetch Hetchy Water & Power	--	--	--	213,095	--	--	--	--	--	--	--
Holm, Dion R (CA)	--	--	--	105,544	--	--	--	--	--	--	--
Kirkwood, Robert C (CA)	--	--	--	62,456	--	--	--	--	--	--	--
Moccasin (CA)	--	--	--	43,848	--	--	--	--	--	--	--
Moccasin Low (CA)	--	--	--	1,247	--	--	--	--	--	--	--
Hibbing Public Utilites Comm	890	--	--	--	--	--	4	--	--	3	--
Hibbing (MN)	890	--	--	--	--	--	4	--	--	3	--
Higginsville City Of	--	--	--	--	--	--	--	--	--	--	--
Higginsville (MO)	--	--	--	--	--	--	--	--	--	--	--
Highland City Of	--	18	55	--	--	--	--	*	1	--	*
Highland (IL)	--	18	55	--	--	--	--	*	1	--	*
Hill City City Of	--	1	16	--	--	--	--	*	*	--	*
Hill City (KS)	--	1	16	--	--	--	--	*	*	--	*
Hillsdale Board Of Public Works ..	--	2	32	--	--	--	--	*	*	--	2
Hillsdale (MI)	--	2	32	--	--	--	--	*	*	--	2
Hoisington City Of	--	1	--	--	--	--	--	*	*	--	*
Hoisington (KS)	--	1	--	--	--	--	--	*	*	--	*
Holdrege City Of	--	4	--	--	--	--	--	*	--	--	*
Holdrege (NE)	--	4	--	--	--	--	--	*	--	--	*
Holland Board Of Public Works ...	27,795	161	--	--	--	--	13	*	--	62	6
James De Young (MI)	27,795	47	--	--	--	--	13	*	--	62	*
48 Street (MI)	--	110	--	--	--	--	--	*	--	--	5
6Th Street (MI)	--	4	--	--	--	--	--	*	--	--	1
Holly Town Of	--	--	--	--	--	--	--	--	--	--	--
Holly (CO)	--	--	--	--	--	--	--	--	--	--	--
Holton City Of	--	12	51	--	--	--	--	*	1	--	*
Holton (KS)	--	12	51	--	--	--	--	*	1	--	*
Holyoke Gas & Elec Dept	--	-414	--	941	--	--	--	--	--	--	13
Cabot-Holyoke (MA)	--	-414	--	941	--	--	--	--	--	--	13
Holyoke Mun Pwr & Lt Plt	--	--	--	--	--	--	--	--	--	--	--
Holyoke (CO)	--	--	--	--	--	--	--	--	--	--	--
Holyoke Water Power Co (NU)	74,705	279	--	17,157	--	--	28	*	--	83	*
Boatlock (MA)	--	--	--	1,763	--	--	--	--	--	--	--
Chemical (MA)	--	--	--	60	--	--	--	--	--	--	--
Hadley Falls (MA)	--	--	--	12,256	--	--	--	--	--	--	--
Holbrook, Beebe (MA)	--	--	--	317	--	--	--	--	--	--	--
Mt Tom (MA)	74,705	279	--	--	--	--	28	*	--	83	*
Riverside (MA)	--	--	--	2,592	--	--	--	--	--	--	--
Skinner (MA)	--	--	--	169	--	--	--	--	--	--	--
Homer Electric Assn, Inc	--	--	--	--	--	--	--	--	--	--	*
Seldovia (AK)	--	--	--	--	--	--	--	--	--	--	*
Homestead City Of	--	113	780	--	--	--	--	*	11	--	3
G W Ivey (FL)	--	113	780	--	--	--	--	*	11	--	3

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	446,090	486	--	--	--	--	208	1	--	618	8
Merom (IN)	322,894	390	--	--	--	--	154	1	--	540	7
Ratts (IN)	123,196	90	--	--	--	--	54	--	--	78	--
Hopkinton Municipal Utility	--	--	--	--	--	--	--	--	--	--	--
Hopkinton (IA)	--	--	--	--	--	--	--	--	--	--	--
Houma Light & Water Plant	--	-3	7,846	--	--	--	--	--	101	--	6
Houma (LA)	--	-3	7,846	--	--	--	--	--	101	--	6
Houston Lighting & Power Co	2,075,350	615	1,653,265	--	-33,946	--	1,439	2	16,468	2,135	711
* Central Storage *	--	--	--	--	--	--	--	--	--	--	21
Bertron, Sam (TX)	--	283	23,471	--	--	--	--	1	285	--	64
Cedar Bayou (TX)	--	--	592,212	--	--	--	--	--	5,806	--	277
Clarke, Hiram (TX)	--	--	-22	--	--	--	--	--	--	--	--
Deepwater (TX)	--	--	5,153	--	--	--	--	--	68	--	--
Greens Bayou (TX)	--	114	160,502	--	--	--	--	--	1,635	--	129
Limestone (TX)	942,349	--	5,504	--	--	--	761	--	57	679	32
Parish, W A (TX)	1,133,001	--	300,684	--	--	--	678	--	2,886	1,456	7
Robinson, P H (TX)	--	--	358,001	--	--	--	--	--	3,643	--	135
South Texas (TX)	--	--	--	--	-33,946	--	--	--	--	--	--
Webster (TX)	--	--	100,349	--	--	--	--	--	1,065	--	--
Wharton, T H (TX)	--	218	107,411	--	--	--	--	1	1,023	--	46
Hudson Light & Power Dept	--	4	11	--	--	--	--	*	*	--	10
Cherry Street (MA)	--	4	11	--	--	--	--	*	*	--	10
Hughes Power & Light Company	--	15	--	--	--	--	--	*	--	--	*
Hughes (AK)	--	15	--	--	--	--	--	*	--	--	*
Hugoton City Of	--	150	1,662	--	--	--	--	*	18	--	1
Hugoton (KS)	--	43	338	--	--	--	--	*	3	--	*
Hugoton #2 (KS)	--	107	1,324	--	--	--	--	*	15	--	1
Hutchinson Utilities Comm	--	5	--	--	--	--	--	*	--	--	2
Plant No. 1 (MN)	--	5	--	--	--	--	--	*	--	--	1
Plant No. 2 (MN)	--	--	--	--	--	--	--	--	--	--	2
Hydro Dev Group Inc	--	--	--	11,553	--	--	--	--	--	--	--
#3 Mill (NY)	--	--	--	454	--	--	--	--	--	--	--
#6 Mill (NY)	--	--	--	394	--	--	--	--	--	--	--
Copenhagen (NY)	--	--	--	2,008	--	--	--	--	--	--	--
Dexter (NY)	--	--	--	1,854	--	--	--	--	--	--	--
Diamond Island (NY)	--	--	--	657	--	--	--	--	--	--	--
Fowler (NY)	--	--	--	233	--	--	--	--	--	--	--
Goodyear Lake (NY)	--	--	--	480	--	--	--	--	--	--	--
Hailesboro (NY)	--	--	--	1,197	--	--	--	--	--	--	--
Pyrites (NY)	--	--	--	442	--	--	--	--	--	--	--
Pyrites #2 (NY)	--	--	--	3,056	--	--	--	--	--	--	--
Theresa (NY)	--	--	--	778	--	--	--	--	--	--	--
Hyrum City Corporation	--	--	--	294	--	--	--	--	--	--	--
Hyrum (UT)	--	--	--	294	--	--	--	--	--	--	--
I-N-N Electric Coop Inc	--	167	--	--	--	--	--	*	--	--	2
I-N-N Electric (AK)	--	167	--	--	--	--	--	*	--	--	2
Idaho Falls Elec Light Dept	--	--	--	16,612	--	--	--	--	--	--	--
City Power Plant (ID)	--	--	--	2,953	--	--	--	--	--	--	--
Gem State (ID)	--	--	--	7,408	--	--	--	--	--	--	--
Lower (ID)	--	--	--	-15	--	--	--	--	--	--	--
Lower #1 (ID)	--	--	--	2,895	--	--	--	--	--	--	--
Upper Power Plant (ID)	--	--	--	3,371	--	--	--	--	--	--	--
Idaho Power Company	--	7	--	969,309	--	--	--	*	--	--	14
American Falls (ID)	--	--	--	9,270	--	--	--	--	--	--	--
Bliss (ID)	--	--	--	25,434	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	389,810	--	--	--	--	--	--	--
Cascade (ID)	--	--	--	573	--	--	--	--	--	--	--
Clear Lake (ID)	--	--	--	1,238	--	--	--	--	--	--	--
Hells Canyon (OR)	--	--	--	295,667	--	--	--	--	--	--	--
Lower Malad (ID)	--	--	--	9,216	--	--	--	--	--	--	--
Lower Salmon (ID)	--	--	--	15,890	--	--	--	--	--	--	--
Milner (ID)	--	--	--	2,491	--	--	--	--	--	--	--
Oxbow (OR)	--	--	--	139,287	--	--	--	--	--	--	--
Salmon (ID)	--	7	--	--	--	--	--	*	--	--	*
Shoshone Falls (ID)	--	--	--	7,624	--	--	--	--	--	--	--
Strike, C J (ID)	--	--	--	36,174	--	--	--	--	--	--	--
Swan Falls (ID)	--	--	--	6,901	--	--	--	--	--	--	--
Thousand Springs (ID) ..	--	--	--	4,232	--	--	--	--	--	--	--
Twin Falls (ID)	--	--	--	3,583	--	--	--	--	--	--	--
Upper Malad (ID)	--	--	--	5,050	--	--	--	--	--	--	--
Upper Salmon (ID)	--	--	--	9,221	--	--	--	--	--	--	--
Upper Salmon (ID)	--	--	--	7,648	--	--	--	--	--	--	--
Wood River (ID)	--	--	--	--	--	--	--	--	--	--	14
Illinois Power Company	855,028	3,767	28	--	667,755	--	403	7	12	905	83
Baldwin (IL)	549,484	2,219	--	--	--	--	263	4	--	656	4
Clinton (IL)	--	--	--	--	667,755	--	--	--	--	--	--
Havana (IL)	41,205	1,194	--	--	--	--	21	2	--	66	52
Hennepin (IL)	107,328	--	809	--	--	--	52	--	8	41	*
Oglesby (IL)	--	--	--	--	--	--	--	--	--	--	3
Stallings (IL)	--	--	-81	--	--	--	--	--	1	--	5
Vermilion (IL)	14,092	354	--	--	--	--	8	1	--	52	1
Wood River (IL)	142,919	--	-700	--	--	--	59	--	4	91	18
Imperial City Of	--	--	--	--	--	--	--	--	--	--	--
Imperial (NE)	--	--	--	--	--	--	--	--	--	--	--
Imperial Irrigation District	--	34	20,184	31,667	--	--	--	*	238	--	155
Brawley (CA)	--	3	--	--	--	--	--	*	--	--	1
Coachella (CA)	--	31	1,239	--	--	--	--	*	8	--	12
Double Weir (CA)	--	--	--	--	--	--	--	--	--	--	--
Drop No 1 (CA)	--	--	--	2,364	--	--	--	--	--	--	--
Drop No. 5 (CA)	--	--	--	2,427	--	--	--	--	--	--	--
Drop 2 (CA)	--	--	--	6,690	--	--	--	--	--	--	--
Drop 3 (CA)	--	--	--	6,133	--	--	--	--	--	--	--
Drop 4 (CA)	--	--	--	13,273	--	--	--	--	--	--	--
E Highline (CA)	--	--	--	640	--	--	--	--	--	--	--
El Centro (CA)	--	--	18,569	--	--	--	--	--	224	--	123
Pilot Knob (CA)	--	--	--	--	--	--	--	--	--	--	--
Rockwood (CA)	--	--	376	--	--	--	--	--	5	--	19
Turnip (CA)	--	--	--	140	--	--	--	--	--	--	--
Independence City Of	--	-2	--	--	--	--	--	*	--	--	2
Independence (IA)	--	-2	--	--	--	--	--	*	--	--	2
Independence City Of	--	-623	2	--	--	--	--	*	1	51	8
Blue Valley (MO)	--	-479	--	--	--	--	--	*	1	26	4
Jackson Square (MO)	--	2	--	--	--	--	--	*	--	--	1
Missouri City (MO)	--	-147	--	--	--	--	--	*	--	25	1
Station H (MO)	--	--	2	--	--	--	--	*	--	--	1
Station I (MO)	--	1	--	--	--	--	--	*	--	--	1
Indiana & Michigan Power Co (AEP)	1,173,656	3,361	--	9,138	1,453,921	--	634	6	--	2,133	42
Berrien Springs (MI)	--	--	--	1,910	--	--	--	--	--	--	--
Breed (IN)	727	28	--	--	--	--	2	*	--	76	1
Buchanan (MI)	--	--	--	1,379	--	--	--	--	--	--	--
Constantine (MI)	--	--	--	509	--	--	--	--	--	--	--
Cook, Donald C. (MI)	--	--	--	--	1,453,921	--	--	--	--	--	--
Elkhart (IN)	--	--	--	1,885	--	--	--	--	--	--	--
Fourth Street (IN)	--	10	--	--	--	--	--	*	--	--	1
Mottville (MI)	--	--	--	795	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	832,488	2,426	--	--	--	--	501	4	--	1,448	31
Tanners Creek (IN)	340,441	897	--	--	--	--	131	1	--	608	9
Twin Branch (IN)	--	--	--	2,660	--	--	--	--	--	--	--
Indiana Municipal Power Agency	--	4	29	--	--	--	--	*	1	--	7
Anderson (IN)	--	4	29	--	--	--	--	*	1	--	7
Indiana-Kentucky Electric Corp ...	737,428	369	--	--	--	--	320	1	--	415	3
Clifty Creek (IN)	737,428	369	--	--	--	--	320	1	--	415	3
Indianapolis Pwr & Lt Co	941,951	1,421	--	--	--	--	438	3	--	1,702	46
Perry K (IN)	--	--	--	--	--	--	--	--	--	61	4
Perry W (IN)	--	-56	--	--	--	--	--	--	--	--	1
Petersburg (IN)	816,914	1,097	--	--	--	--	377	2	--	1,190	5
Pritchard, H T (IN)	48,941	243	--	--	--	--	25	*	--	73	11
Stout, Elmer W (IN)	76,096	137	--	--	--	--	37	1	--	378	26
Indianola Mun Light & Pwr	--	-71	-7	--	--	--	--	--	--	--	12
Indianola (IA)	--	-71	-7	--	--	--	--	--	--	--	12
Interstate Power Company	153,345	399	3,868	--	--	--	88	1	49	257	30
Dubuque (IA)	15,315	-6	622	--	--	--	10	*	9	21	1
Fox Lake (MN)	7,081	222	3,194	--	--	--	4	*	40	23	21
Hills (MN)	--	-7	--	--	--	--	--	--	--	--	*
Kapp, M L (IA)	87,232	--	52	--	--	--	40	--	1	166	--
Lansing (IA)	43,717	279	--	--	--	--	35	1	--	47	2
Lime Creek (IA)	--	-70	--	--	--	--	--	*	--	--	5
Montgomery (MN)	--	-7	--	--	--	--	--	*	--	--	1
New Albin (IA)	--	-5	--	--	--	--	--	*	--	--	*
Rushford (MN)	--	-7	--	--	--	--	--	*	--	--	*
Iola Electric System	--	--	--	--	--	--	--	--	--	--	2
Iola (KS)	--	--	--	--	--	--	--	--	--	--	2
Iowa Electric Lt & Pwr Co	125,481	131	7,490	543	367,193	829	82	1	122	293	28
Ames (IA)	--	--	--	--	--	--	--	--	--	--	1
Anamosa (IA)	--	--	--	13	--	--	--	--	--	--	--
Arnold, Duane (IA)	--	--	--	--	367,193	--	--	--	--	--	--
Iowa Falls (IA)	--	--	--	118	--	--	--	--	--	--	--
Maquoketa (IA)	--	--	--	412	--	--	--	--	--	--	--
Marshalltown (IA)	--	69	--	--	--	--	--	*	--	--	24
Prairie Creek (IA)	68,126	61	--	--	--	--	47	*	--	162	1
Sutherland (IA)	54,367	--	4,574	--	--	--	32	--	52	128	--
6Th Street (IA)	2,988	1	2,916	--	--	829	3	*	69	3	2
Iowa Southern Utilities Co	291,893	704	-43	--	--	--	183	1	--	574	20
Burlington (IA)	43,326	100	--	--	--	--	23	*	--	132	*
Centerville (IA)	--	-19	--	--	--	--	--	--	--	--	--
Grinnell (IA)	--	--	-43	--	--	--	--	--	--	--	--
Ottumwa (IA)	248,567	623	--	--	--	--	160	1	--	442	19
Iowa-Illinois Gas & Electric Co	305,370	6	3,853	170	--	--	186	*	46	416	13
Coralville (IA)	--	--	24	--	--	--	--	--	2	--	*
Louisa (IA)	249,038	6	2,519	--	--	--	160	*	26	374	10
Manson (IA)	--	--	--	--	--	--	--	--	--	--	--
Moline (IL)	--	--	171	170	--	--	--	--	4	--	2
Riverside (IA)	56,332	--	1,139	--	--	--	25	--	13	42	--
Ipswich Mun Lt Dept	--	-30	--	--	--	--	--	*	*	--	2
Ipswich (MA)	--	-30	--	--	--	--	--	*	*	--	2
Jackson Power & Light Dept	--	-118	--	--	--	--	--	--	--	--	1
Jackson (MO)	--	-118	--	--	--	--	--	--	--	--	1
Jacksonville Electric Authority	875,984	-2,628	--	--	--	--	336	2	4	450	1,117
Kennedy, J D (FL)	--	-471	--	--	--	--	--	*	*	--	72

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Jacksonville Electric Authority											
Northside (FL)	--	-2,122	--	--	--	--	--	1	1	--	928
Southside (FL)	--	-536	--	--	--	--	--	*	3	--	110
St. Johns River	875,984	501	--	--	--	--	336	1	--	450	8
Jamestown Board Of Pub											
Utilities	19,891	33	--	--	--	--	11	*	--	3	*
Carlson, S A (NY)	19,891	33	--	--	--	--	11	*	--	3	*
Janesville Mun Utilities											
Janesville (MN)	--	21	--	--	--	--	--	*	--	--	*
	--	21	--	--	--	--	--	*	--	--	*
Jasper Mun Electric Utility											
Jasper 2 (IN)	3,259	--	--	--	--	--	2	--	*	--	--
	3,259	--	--	--	--	--	2	--	*	--	--
Jersey Central Power & Light Co											
(GPS)	--	-294	2,480	-8,569	--	--	--	1	53	--	484
Forked River (NJ)	--	--	660	--	--	--	--	--	8	--	13
Gardner, Glen (NJ)	--	--	--	--	--	--	--	--	*	--	17
Gilbert (NJ)	--	-69	1,823	--	--	--	--	*	32	--	302
Sayreville (NJ)	--	27	-3	--	--	--	--	*	13	--	95
Werner (NJ)	--	-252	--	--	--	--	--	*	--	--	57
Yards Creek (NJ)	--	--	--	-8,569	--	--	--	--	--	--	--
Jetmore City Of											
Jetmore (KS)	--	--	--	--	--	--	--	--	--	--	--
Johnson City Of											
Johnson (KS)	--	28	209	--	--	--	--	*	2	--	1
	--	28	209	--	--	--	--	*	2	--	1
Julesburg City Of											
Julesburg (CO)	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--
Kahoka Municipal Power Plant											
Kahoka (MO)	--	--	44	--	--	--	--	*	6	--	*
	--	--	44	--	--	--	--	*	6	--	*
Kansas City Bd Of Pub Util											
Kaw (KS)	166,046	311	1,023	--	--	--	104	1	12	197	8
Kaw (KS)	32,994	14	722	--	--	--	17	*	8	21	*
Nearman Creek (KS)	87,203	262	--	--	--	--	59	1	--	134	3
Quindaro (KS)	45,849	35	301	--	--	--	28	*	4	42	5
Kansas City Power & Light Co											
1,471,507	339	1,123	--	--	--	--	870	1	12	1,353	109
Gardner (KS)	--	--	--	--	--	--	--	--	--	--	--
Grand Ave (MO)	--	--	--	--	--	--	--	--	--	--	--
Hawthorn (MO)	179,947	--	1,123	--	--	--	108	--	12	266	8
Iatan (MO)	417,725	18	--	--	--	--	239	*	--	290	9
La Cygne (KS)	645,448	517	--	--	--	--	377	1	--	620	18
Montrose (MO)	228,387	114	--	--	--	--	146	*	--	178	8
Northeast (MO)	--	-310	--	--	--	--	--	*	--	--	66
Kansas Gas & Electric Co											
Evans, Gordon (KS)	--	--	18,869	--	--	--	--	--	278	--	265
Gill, Murray (KS)	--	--	-746	--	--	--	--	--	2	--	81
	--	--	19,615	--	--	--	--	--	276	--	184
Kauai Electric Company											
Port Allen (HI)	--	21,254	--	--	--	--	--	37	--	--	--
	--	21,254	--	--	--	--	--	37	--	--	--
Kaukauna City Of											
Combined Locks (WI)	--	--	--	15,108	--	--	--	*	--	--	1
Kaukauna (WI)	--	--	--	4,641	--	--	--	--	--	--	--
Kaukauna Hydro (WI)	--	--	--	--	--	--	--	*	--	--	1
Little Chute (WI)	--	--	--	3,710	--	--	--	--	--	--	--
New Badger (WI)	--	--	--	2,100	--	--	--	--	--	--	--
Old Badger (WI)	--	--	--	2,278	--	--	--	--	--	--	--
Rapide Croche (WI)	--	--	--	1,299	--	--	--	--	--	--	--
	--	--	--	1,080	--	--	--	--	--	--	--
Kennett Board Of Public Works											
Kennett (MO)	--	33	95	--	--	--	--	*	*	--	6
	--	33	95	--	--	--	--	*	*	--	6

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	170,946	83	--	--	--	--	68	*	--	352	10
Big Sandy (KY)	170,946	83	--	--	--	--	68	*	--	352	10
Kentucky Utilities Company	1,108,354	620	-57	2,714	--	--	468	4	*	1,367	29
Brown, E W (KY)	255,637	87	--	--	--	--	110	1	--	311	5
Dix Dam (KY)	--	--	--	2,007	--	--	--	--	--	--	--
Ghent (KY)	764,418	619	--	--	--	--	316	3	--	963	11
Green River (KY)	88,402	10	--	--	--	--	43	*	--	72	1
Haefling (KY)	--	--	-57	--	--	--	--	--	*	--	6
Lock 7 (KY)	--	--	--	707	--	--	--	--	--	--	--
Pineville (KY)	-11	--	--	--	--	--	--	--	--	6	*
Tyrone (KY)	-92	-96	--	--	--	--	--	--	--	14	5
Kenyon Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Kenyon (MN)	--	--	--	--	--	--	--	--	--	--	--
Ketchikan Public Utilities	--	-109	--	11,772	--	--	--	*	--	--	4
Beaver Falls (AK)	--	--	--	3,281	--	--	--	--	--	--	--
Ketchikan (AK)	--	--	--	1,831	--	--	--	--	--	--	--
Ketchikan (AK)	--	-92	--	--	--	--	--	*	--	--	4
Silvis (AK)	--	--	--	1,030	--	--	--	--	--	--	--
Swan Lake (AK)	--	--	--	5,630	--	--	--	--	--	--	--
Totem Bight (AK)	--	-17	--	--	--	--	--	--	--	--	*
Key West, City Of	--	5,106	--	--	--	--	--	13	--	--	51
Big Pine (FL)	--	158	--	--	--	--	--	*	--	--	1
Cudjoe (FL)	--	262	--	--	--	--	--	*	--	--	2
Key West (FL)	--	8	--	--	--	--	--	*	--	--	16
Stock Island (FL)	--	3,386	--	--	--	--	--	10	--	--	33
Stock Island D 1 (FL)	--	1,292	--	--	--	--	--	2	--	--	--
Kimball City Of	--	2	--	--	--	--	--	*	--	--	*
Kimball (NE)	--	2	--	--	--	--	--	*	--	--	*
Kimballton Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Kimballton (IA)	--	--	--	--	--	--	--	--	--	--	--
Kingfisher City Of	--	10	--	--	--	--	--	*	--	--	*
Kingfisher (OK)	--	10	--	--	--	--	--	*	--	--	*
Kingman City Of	--	253	2,532	--	--	--	--	1	28	--	1
Kingman (KS)	--	253	2,532	--	--	--	--	1	28	--	1
Kings River Conservation Dist	--	--	--	56,042	--	--	--	--	--	--	--
Pine Flat (CA)	--	--	--	56,042	--	--	--	--	--	--	--
Kissimmee City Of	--	2	48	--	--	--	--	*	*	--	22
Kissimmee (FL)	--	2	48	--	--	--	--	*	*	--	22
Kodiak Electric Assn, Inc	--	13	--	10,136	--	--	--	*	--	--	1
Kodiak A (AK)	--	13	--	--	--	--	--	*	--	--	1
Port Lions (AK)	--	--	--	--	--	--	--	--	--	--	*
Terror Lake AK)	--	--	--	10,136	--	--	--	--	--	--	--
Kotzebue Electric Assn, Inc	--	1,413	--	--	--	--	--	2	--	--	13
Kotzebue (AK)	--	1,413	--	--	--	--	--	2	--	--	13
La Crosse City Of	--	--	--	--	--	--	--	--	--	--	--
Larned (KS)	--	--	--	--	--	--	--	--	--	--	--
La Junta Municipal Utilities	--	-117	--	--	--	--	--	*	--	--	4
La Junta (CO)	--	-117	--	--	--	--	--	*	--	--	4
La Plata Electric Assn, The	--	--	--	--	--	--	--	--	--	--	*
La Plata (MO)	--	--	--	--	--	--	--	--	--	--	*
La Porte City Municipal Utilities ..	--	13	--	--	--	--	--	*	--	--	*
La Porte (IA)	--	13	--	--	--	--	--	*	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	--	12,203	--	--	--	--	--	154	--	120
Doc Bonin (LA)	--	--	12,253	--	--	--	--	--	154	--	120
Rodemacher (LA)	--	--	-50	--	--	--	--	--	--	--	--
Lake Crystal Mun Utilities Co	--	5	--	--	--	--	--	*	--	--	*
Lake Crystal (MN)	--	5	--	--	--	--	--	*	--	--	*
Lake Lure Elec Pwr Facility	--	--	--	1,628	--	--	--	--	--	--	--
Lake Lure (NC)	--	--	--	1,628	--	--	--	--	--	--	--
Lake Mills Mun Light Plant	--	6	4	--	--	--	--	*	*	--	1
Lake Mills (IA)	--	6	4	--	--	--	--	*	*	--	1
Lake Park Mun Utilities	--	--	--	--	--	--	--	--	--	--	--
Lake Park (IA)	--	--	--	--	--	--	--	--	--	--	--
Lake Worth Utilities Authority	--	-32	15,497	--	--	--	--	*	176	--	12
Smith, Tom G (FL)	--	-32	15,497	--	--	--	--	*	176	--	12
Lakeland, Cty Of Dpt Of Elec & Wtr	-580	2,640	58,416	--	--	--	--	4	568	95	193
Larsen Memorial (FL)	--	83	47,478	--	--	--	--	*	447	--	77
Mcintosh, C D (FL)	-580	2,557	10,938	--	--	--	--	4	121	95	116
Lamar Utilities Brd Of	--	--	2,991	--	--	--	--	--	42	--	6
Lamar (CO)	--	--	2,991	--	--	--	--	--	42	--	6
Lamoni Municipal Utilities	--	18	--	--	--	--	--	*	--	--	*
Lamoni (IA)	--	18	--	--	--	--	--	*	--	--	*
Lanesboro Public Utilities	--	--	--	--	--	--	--	--	--	--	--
Lansboro (MN)	--	--	--	--	--	--	--	--	--	--	--
Lansing Board Of Wtr & Lt	115,548	32	--	326	--	--	52	1	--	181	1
Eckert Station (MI)	115,548	420	--	--	--	--	52	1	--	31	*
Erickson (MI)	--	-388	--	--	--	--	--	--	--	150	*
Moore's Park (MI)	--	--	--	326	--	--	--	--	--	--	--
Ottawa Street (MI)	--	--	--	--	--	--	--	--	--	--	--
Larned Mun Power Plant	--	--	35	--	--	--	--	--	1	--	4
Larned (KS)	--	--	--	--	--	--	--	--	--	--	--
Larned (KS)	--	--	35	--	--	--	--	--	1	--	4
Larsen Bay City Of	--	--	--	25	--	--	--	--	--	--	--
Larsen (AK)	--	--	--	25	--	--	--	--	--	--	--
Las Animas Mun Lt & Pwr	--	-21	--	--	--	--	--	*	*	--	*
Las Animas (CO)	--	-21	--	--	--	--	--	*	*	--	*
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	--	--	--	828	--	--	--	--	--	--	--
Andro Upper (ME)	--	--	--	828	--	--	--	--	--	--	--
Lincoln City Of	--	--	--	--	--	--	--	--	*	--	*
Lincoln (KS)	--	--	--	--	--	--	--	--	*	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	16	--	--	--	--	--	.	--	2
Rokeby (NE)	--	--	34	--	--	--	--	--	1	--	5
Lindsay Public Works Authority ..	--	--	--	--	--	--	--	--	--	--	--
Lindsay (OK)	--	--	--	--	--	--	--	--	--	--	--
Litchfield City Of	--	4	--	--	--	--	--	*	--	--	*
Litchfield (MN)	--	4	--	--	--	--	--	*	--	--	*
Lockhart Power Company	--	--	--	10,660	--	--	--	--	--	--	--
Lockhart (SC)	--	--	--	10,660	--	--	--	--	--	--	--
Lodgepole City Of	--	--	--	--	--	--	--	--	--	--	--
Lodgepole (NE)	--	--	--	--	--	--	--	--	--	--	--
Logan City Municipal Elect Lght											
Plt	--	-30	--	2,678	--	--	--	*	--	--	1
Logan (UT)	--	--	--	564	--	--	--	--	--	--	--
Logan 2 (UT)	--	--	--	2,114	--	--	--	--	--	--	--
Logon Diesel (UT)	--	-30	--	--	--	--	--	*	--	--	1
Logansport Municipal Utilities	9,394	--	131	--	--	--	5	--	3	6	2
Logansport (IN)	9,394	--	131	--	--	--	5	--	3	6	2
Long Island Lighting Company	--	376,156	156,472	--	--	--	--	623	1,617	--	1,820
Barrett, E F (NY)	--	8,097	157,077	--	--	--	--	14	1,616	--	353
Brookhaven (NY)	--	-79	--	--	--	--	--	*	--	--	34
East Hampton (NY)	--	-15	--	--	--	--	--	*	--	--	3
Far Rockway (NY)	--	-324	--	--	--	--	--	--	--	--	35
Glenwood (NY)	--	-10	-605	--	--	--	--	*	*	--	31
Holbrook (NY)	--	325	--	--	--	--	--	1	--	--	86
Montauk (NY)	--	-3	--	--	--	--	--	*	--	--	1
Northport (NY)	--	274,500	--	--	--	--	--	447	--	--	963
Port Jefferson (NY)	--	93,661	--	--	--	--	--	161	--	--	280
Shoreham (NY)	--	8	--	--	--	--	--	*	--	--	20
Southampton (NY)	--	-13	--	--	--	--	--	--	--	--	--
Southold (NY)	--	-12	--	--	--	--	--	--	--	--	2
West Babylon (NY)	--	21	--	--	--	--	--	*	--	--	10
Longmont City Of	--	--	--	420	--	--	--	--	--	--	--
Longmont (CO)	--	--	--	420	--	--	--	--	--	--	--
Los Angeles Dept Of Water And Power	810,878	641	444,026	25,448	--	114	331	1	4,618	1,267	3,332
Big Pine Creek (CA)	--	--	--	1,005	--	--	--	--	--	--	--
Castaic (CA)	--	--	--	-42,355	--	--	--	--	--	--	--
Control Gorge (CA)	--	--	--	9,718	--	--	--	--	--	--	--
Cottonwood (CA)	--	--	--	1,026	--	--	--	--	--	--	--
Division Creek (CA)	--	--	--	371	--	--	--	--	--	--	--
Foothill (CA)	--	--	--	199	--	--	--	--	--	--	--
Franklin Canyon (CA)	--	--	--	-1	--	--	--	--	--	--	--
Haiwee (CA)	--	--	--	-6	--	--	--	--	--	--	--
Harbor (CA)	--	2	--	--	--	--	--	*	--	--	15
Haynes (CA)	--	--	397,074	--	--	--	--	--	4,071	--	2,496
Intermountain (UT)	810,878	639	--	--	--	--	331	1	--	1,267	5
Middle Gorge (CA)	--	--	--	9,584	--	--	--	--	--	--	--
Pleasant Valley (CA)	--	--	--	775	--	--	--	--	--	--	--
San Fernando (CA)	--	--	--	3,613	--	--	--	--	--	--	--
San Francisquito 1 (CA)	--	--	--	21,656	--	--	--	--	--	--	--
San Francisquito 2 (CA)	--	--	--	10,167	--	--	--	--	--	--	--
Sawtelle (CA)	--	--	--	374	--	--	--	--	--	--	--
Scattergood (CA)	--	--	47,348	--	--	114	--	--	528	--	377
Upper Gorge (CA)	--	--	--	9,322	--	--	--	--	--	--	--
Valley (CA)	--	--	-396	--	--	--	--	--	18	--	439
Louisiana Power & Light Co (MSU)	--	30	391,142	--	759,770	--	--	1	4,507	--	565

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	19	--	--	--	--	--	*	--	1
Little Gypsy (LA)	--	--	84,342	--	--	--	--	--	1,025	--	46
Monroe (LA)	--	--	--	--	--	--	--	--	--	--	--
Nine Mile Point (LA)	--	--	225,399	--	--	--	--	--	2,429	--	314
Sterlington (LA)	--	30	95	--	--	--	--	1	16	--	24
Thibodaux (LA)	--	--	--	--	--	--	--	--	--	--	--
Waterford (LA)	--	--	--	--	759,770	--	--	--	--	--	--
Waterford (LA)	--	--	81,287	--	--	--	--	--	1,038	--	180
Louisville Gas & Electric Co	949,181	1,028	2,107	10,918	--	--	421	2	23	616	25
Cane Run (KY)	228,252	78	1,268	--	--	--	103	*	13	60	2
Mill Creek (KY)	423,734	758	575	--	--	--	188	1	6	407	19
Ohio Falls (KY)	--	--	--	10,918	--	--	--	--	--	--	--
Paddys Run (KY)	--	--	165	--	--	--	--	--	3	--	--
Trimble County (KY)	297,195	192	--	--	--	--	130	*	--	149	4
Waterside (KY)	--	--	34	--	--	--	--	--	--	--	--
Zorn (KY)	--	--	65	--	--	--	--	--	1	--	--
Lowell Light & Power											
Lowell (MI)	--	--	--	--	--	--	--	--	--	--	*
Lower Colorado River Authority											
Austin (TX)	1,030,145	247	169,528	38,609	--	--	607	*	1,688	594	173
Buchanan (TX)	--	--	--	--	--	--	--	--	--	--	--
Granite Shoals (TX)	--	--	--	5,550	--	--	--	--	--	--	--
Inks (TX)	--	--	--	5,337	--	--	--	--	--	--	--
Mansfield (TX)	--	--	--	2,420	--	--	--	--	--	--	--
Marble Falls (TX)	--	--	--	21,949	--	--	--	--	--	--	--
Sam K Seymour, Jr (TX)	1,030,145	247	--	3,353	--	--	607	*	--	594	15
Sim Gideon (TX)	--	--	111,104	--	--	--	--	--	1,091	--	78
T. C. Ferguson (TX)	--	--	58,424	--	--	--	--	--	596	--	81
Lower Valley Power & Light, Inc.											
Strawberry Creek (WY)	--	--	--	307	--	--	--	--	--	--	--
Strawberry Creek (WY)	--	--	--	307	--	--	--	--	--	--	--
Lubbock City Of (Power & Light Dept)											
Holly Ave (TX)	--	--	45,367	--	--	--	--	--	501	--	11
LP&L Co GEN	--	--	31,885	--	--	--	--	--	363	--	11
Plant 2 (TX)	--	--	13,482	--	--	--	--	--	138	--	--
Plant 2 (TX)	--	--	--	--	--	--	--	--	--	--	--
Luverne City Of											
Luverne (MN)	--	--	--	--	--	--	--	--	--	--	--
Lyndonville Electric Department											
Great Falls (VT)	--	--	--	618	--	--	--	--	--	--	--
Vail (VT)	--	--	--	496	--	--	--	--	--	--	--
Vail (VT)	--	--	--	122	--	--	--	--	--	--	--
M & A Electric Power Cooperative											
Green Forest (MO)	--	-28	--	--	--	--	--	--	--	--	*
Green Forest (MO)	--	-28	--	--	--	--	--	--	--	--	*
Macon Municipal Utilities											
Macon (MO)	--	--	--	--	--	--	--	--	--	--	1
Macon (MO)	--	--	--	--	--	--	--	--	--	--	1
Madelia Mun Lt & Pwr Plant											
Madelia (MN)	--	3	--	--	--	--	--	*	--	--	*
Madelia (MN)	--	3	--	--	--	--	--	*	--	--	*
Madison City Of											
Norridgewick (ME)	--	--	--	105	--	--	--	--	--	--	--
Norridgewick (ME)	--	--	--	105	--	--	--	--	--	--	--
Madison Gas & Electric Co											
Blount Street (WI)	1,824	--	9,339	--	--	--	1	--	146	9	14
Blount Street (WI)	1,824	--	9,082	--	--	--	1	--	141	9	3
Fitchburg (WI)	--	--	137	--	--	--	--	--	2	--	5
Nine Springs (WI)	--	--	-12	--	--	--	--	--	--	--	1
Sycamore (WI)	--	--	132	--	--	--	--	--	3	--	5

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	-64	--	401	--	--	--	*	--	--	10
Caribou (ME)	--	-43	--	413	--	--	--	*	--	--	10
Fios Inn (ME)	--	-15	--	--	--	--	--	*	--	--	*
Houlton (ME)	--	-6	--	--	--	--	--	--	--	--	*
Squa Pan (ME)	--	--	--	-12	--	--	--	--	--	--	--
Maine Yankee Atomic Power Company	--	--	--	--	631,079	--	--	--	--	--	--
Maine Yankee (ME)	--	--	--	--	631,079	--	--	--	--	--	--
Malden City Of	--	2	15	--	--	--	--	*	*	--	*
Malden (MO)	--	2	15	--	--	--	--	*	*	--	*
Mangum City Of	--	3	21	--	--	--	--	*	*	--	*
Mangum (OK)	--	3	21	--	--	--	--	*	*	--	*
Manilla Mun Service Dept	--	--	--	--	--	--	--	--	--	--	--
Manilla (IA)	--	--	--	--	--	--	--	--	--	--	--
Manitowoc Public Utilities	12,757	7,266	114	--	--	--	6	*	1	21	1
Manitowoc (WI)	12,757	7,266	114	--	--	--	6	*	1	21	1
Manley Utility Company Inc	--	20	--	--	--	--	--	*	--	--	*
Manley (AK)	--	20	--	--	--	--	--	*	--	--	*
Manning Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Manning (IA)	--	--	--	--	--	--	--	--	--	--	--
Manti City Corp Light & Power Dept	--	--	--	231	--	--	--	--	--	--	--
Lower (UT)	--	--	--	152	--	--	--	--	--	--	--
Manti (UT)	--	--	--	79	--	--	--	--	--	--	--
Maquoketa Mun Lt & Pwr	--	7	53	--	--	--	--	*	1	--	1
Maquoketa (IA)	--	7	53	--	--	--	--	*	1	--	1
Marblehead Municipal Light Dept	--	--	--	--	--	--	--	--	--	--	1
Commerce St 2 (MA)	--	--	--	--	--	--	--	--	--	--	*
Wilkins Station (MA)	--	--	--	--	--	--	--	--	--	--	1
Marquette Bd Of Lt & Pwr	18,216	27	--	2,165	--	--	14	*	--	31	4
Plant Four (MI)	--	--	--	--	--	--	--	--	--	--	4
Plant Two (MI)	--	--	--	1,706	--	--	--	--	--	--	--
Russell, Frank J (MI)	--	--	--	459	--	--	--	--	--	--	--
Shiras (MI)	18,216	27	--	--	--	--	14	*	--	31	*
Marshall City Wtr & Elec Works ..	--	30	38	209	--	--	--	*	*	--	*
Marshall (MI)	--	30	38	209	--	--	--	*	*	--	*
Marshall Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Marshall (MN)	--	--	--	--	--	--	--	--	--	--	--
Marshall Municipal Utilities	-61	-16	-82	--	--	--	--	*	*	*	3
Marshall (MO)	-61	-16	-82	--	--	--	--	*	*	*	3
Marshfield Electric & Water Dept ..	--	--	--	--	--	--	--	--	--	--	--
Wildwood (WI)	--	--	--	--	--	--	--	--	--	--	--
Martinsville Electric Department ..	--	--	--	764	--	--	--	--	--	--	--
Martinsville (VA)	--	--	--	764	--	--	--	--	--	--	--
Mascoutah City Of (Pwr & Lt Dept)	--	--	--	--	--	--	--	--	--	--	1
Mascoutah (IL)	--	--	--	--	--	--	--	--	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	850	20,896	--	--	--	--	1	192	--	96
Stonybrook (MA)	--	850	20,896	--	--	--	--	1	192	--	96
Maui Electric Co, Ltd	--	72,575	--	--	--	--	--	136	--	--	112
Cook (HI)	--	2,703	--	--	--	--	--	5	--	--	*
Kahului (HI)	--	22,359	--	--	--	--	--	49	--	--	48
Lanai City (HI)	--	831	--	--	--	--	--	2	--	--	*
Maalaea (HI)	--	45,467	--	--	--	--	--	78	--	--	64
Miki Basin (HI)	--	1,215	--	--	--	--	--	3	--	--	*
Mcgrath Light & Power Co	--	224	--	--	--	--	--	*	--	--	1
Mcgrath (AK)	--	224	--	--	--	--	--	*	--	--	1
Mcgregor Municipal Utilities	--	1	--	--	--	--	--	*	--	--	*
Mc Gregor (IA)	--	1	--	--	--	--	--	*	--	--	*
Mcleansboro City Of	--	12	--	--	--	--	--	*	--	--	*
Mc Leansboro (IL)	--	12	--	--	--	--	--	*	--	--	*
Mcperson Board Of Public Util ..	--	--	--	--	--	--	--	--	--	--	16
Plant No. 1 (KS)	--	--	--	--	--	--	--	--	--	--	*
Plant No. 2 (KS)	--	--	--	--	--	--	--	--	--	--	16
Meade City Of ..	--	16	155	--	--	--	--	*	2	--	*
Meade (KS)	--	16	155	--	--	--	--	*	2	--	*
Medina Electric Coop, Inc	--	--	891	--	--	--	--	--	12	--	21
Pearsall (TX)	--	--	891	--	--	--	--	--	12	--	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	--	--	--	39,930	--	--	--	--	--	--	--
Canal Creek (CA)	--	--	--	202	--	--	--	--	--	--	--
Exchequer (CA)	--	--	--	34,488	--	--	--	--	--	--	--
Fairfield (CA)	--	--	--	172	--	--	--	--	--	--	--
Mcswain (CA)	--	--	--	4,511	--	--	--	--	--	--	--
Parker (CA)	--	--	--	557	--	--	--	--	--	--	--
Merrilan Light & Water Dept	--	--	--	42	--	--	--	--	--	--	*
Merrilan (WI)	--	--	--	42	--	--	--	--	--	--	*
Metlakatla Power & Light	--	176	--	1,309	--	--	--	*	--	--	2
Centennial (AK)	--	176	--	--	--	--	--	*	--	--	2
Chester Lake (AK)	--	--	--	125	--	--	--	--	--	--	--
Leffel Turbine (AK)	--	--	--	1,184	--	--	--	--	--	--	--
Metropolitan Edison Co (GPS)	147,098	752	575	5,800	--	--	59	2	10	230	29
Hamilton (PA)	--	--	--	--	--	--	--	--	--	--	3
Hunterstown (PA)	--	13	238	--	--	--	--	*	4	--	2
Mountain (PA)	--	--	290	--	--	--	--	--	5	--	3
Orrtanna (PA)	--	4	--	--	--	--	--	*	--	--	2
Portland (PA)	80,523	--	47	--	--	--	31	--	1	154	11
Shawnee (PA)	--	40	--	--	--	--	--	*	--	--	2
Titus (PA)	66,575	695	--	--	--	--	28	1	--	77	4
Tolna (PA)	--	--	--	--	--	--	--	--	--	--	1
Yorkhaven (PA)	--	--	--	5,800	--	--	--	--	--	--	--
Metropolitan Wtr Dist Of So Calif	--	--	--	17,919	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	1,473	--	--	--	--	--	--	--
Coyote Creek (CA)	--	--	--	1,254	--	--	--	--	--	--	--
Foothill Feeder (CA)	--	--	--	4,200	--	--	--	--	--	--	--
Greg Avenue (CA)	--	--	--	43	--	--	--	--	--	--	--
Lake Mathews (CA)	--	--	--	3,300	--	--	--	--	--	--	--
Perris (CA)	--	--	--	621	--	--	--	--	--	--	--
Red Mountain (CA)	--	--	--	84	--	--	--	--	--	--	--
Rio Hondo (CA)	--	--	--	638	--	--	--	--	--	--	--
San Dimas (CA)	--	--	--	45	--	--	--	--	--	--	--
Sepulv Cyn (CA)	--	--	--	1,440	--	--	--	--	--	--	--
Temescal (CA)	--	--	--	1,518	--	--	--	--	--	--	--
Valley View (CA)	--	--	--	--	--	--	--	--	--	--	--
Venice (CA)	--	--	--	567	--	--	--	--	--	--	--
Yorba Linda (CA)	--	--	--	2,736	--	--	--	--	--	--	--
Mich So Central Pwr Agency	21,238	98	--	--	--	--	12	*	--	23	6
Project I (MI)	21,238	98	--	--	--	--	12	*	--	23	6
Mid-State Service Company	--	--	--	214	--	--	--	--	--	--	--
Irving (MI)	--	--	--	214	--	--	--	--	--	--	--
Midwest Energy Inc	--	-148	--	--	--	--	--	--	--	--	23
Atwood (KS)	--	-1	--	--	--	--	--	--	--	--	*
Bird City (KS)	--	-14	--	--	--	--	--	--	--	--	*
Colby (KS)	--	-63	--	--	--	--	--	--	--	--	6
Ellis (KS)	--	-7	--	--	--	--	--	--	--	--	1
Great Bend (KS)	--	-11	--	--	--	--	--	--	--	--	*
Hays (KS)	--	-29	--	--	--	--	--	--	--	--	5
Hoxie (KS)	--	-1	--	--	--	--	--	--	--	--	*
Ross Beach (KS)	--	-20	--	--	--	--	--	--	--	--	11
Wakeeney (KS)	--	-2	--	--	--	--	--	--	--	--	*
Midwest Power Co	1,227,195	932	3,909	--	--	--	766	2	53	1,751	72
Council Bluffs (IA)	430,098	436	416	--	--	--	286	1	5	513	10
Electrifiarm (IA)	--	--	1,992	--	--	--	--	--	28	--	16
Neal, George (IA)	797,097	581	1,497	--	--	--	480	1	16	1,238	17
Parr (IA)	--	--	-19	--	--	--	--	--	--	--	7
Pleasant Hill (IA)	--	-85	--	--	--	--	--	--	--	--	12
River Hills (IA)	--	--	88	--	--	--	--	--	3	--	3
Sycamore (IA)	--	--	-65	--	--	--	--	--	1	--	7
Millford Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Millford (IA)	--	--	--	--	--	--	--	--	--	--	--
Minden City Of	--	--	--	--	--	--	--	--	*	--	2
Minden (LA)	--	--	--	--	--	--	--	--	*	--	2
Minneapolis City Of	--	2	40	--	--	--	--	*	*	--	*
Minneapolis (KS)	--	2	40	--	--	--	--	*	*	--	*
Minnesota Power & Light Co	525,093	971	--	80,374	--	--	273	2	--	349	5
Aurora (MN)	4,124	48	--	--	--	--	3	*	--	37	*
Blanchard (MN)	--	--	--	10,698	--	--	--	--	--	--	--
Boswell, Clay (MN)	520,969	923	--	--	--	--	270	1	--	311	5
Fond Du Lac (MN)	--	--	--	7,607	--	--	--	--	--	--	--
Hibbard, M L (MN)	--	--	--	--	--	--	--	--	--	--	--
Knife Falls (MN)	--	--	--	1,175	--	--	--	--	--	--	--
Little Falls (MN)	--	--	--	3,058	--	--	--	--	--	--	--
Pillager (MN)	--	--	--	1,099	--	--	--	--	--	--	--
Prairie River (MN)	--	--	--	569	--	--	--	--	--	--	--
Scanlon (MN)	--	--	--	890	--	--	--	--	--	--	--
Sylvan (MN)	--	--	--	1,234	--	--	--	--	--	--	--
Thompson (MN)	--	--	--	51,377	--	--	--	--	--	--	--
Winton (MN)	--	--	--	2,667	--	--	--	--	--	--	--
Minnkota Power Coop, Inc	322,974	621	--	--	--	--	290	1	--	527	3
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, April 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)
Minnkota Power Coop, Inc											
Harwood (ND)	--	--	--	--	--	--	--	--	--	--	--
Hawley (MN)	--	--	--	--	--	--	--	--	--	--	--
Young, Milton R (ND)	322,974	621	--	--	--	--	290	1	--	527	3
Mission Valley Power	--	--	--	131	--	--	--	--	--	--	--
Hellroaring (MT)	--	--	--	131	--	--	--	--	--	--	--
Mississippi Power & Light Co											
(MSU)	--	7,320	295	--	--	--	--	13	46	--	965
Andrus (MS)	--	--	--	--	--	--	--	--	--	--	537
Brown, Rex (MS)	--	-16	295	--	--	--	--	*	46	--	36
Delta (MS)	--	--	--	--	--	--	--	--	--	--	58
Natchez (MS)	--	--	--	--	--	--	--	--	--	--	3
Wilson, B (MS)	--	7,336	--	--	--	--	--	13	--	--	331
Mississippi Power Co (SC)	493,851	251	42,296	--	--	--	302	1	1,005	490	70
Daniel, Victor J Jr. (MS)	176,512	251	--	--	--	--	163	1	--	318	5
Eaton (MS)	--	--	--	--	--	--	--	--	--	--	6
Standard Oil (MS)	--	--	38,361	--	--	--	--	--	959	--	--
Sweatt (MS)	--	--	133	--	--	--	--	--	3	--	33
Watson (MS)	317,339	--	3,802	--	--	--	139	--	43	172	26
Missouri Basin Mun Power											
Agency	--	--	--	--	--	--	--	--	--	--	--
Watertown (SD)	--	--	--	--	--	--	--	--	--	--	--
Modesto Irrigation Dist	--	9	132	555	--	--	--	*	3	--	18
McClure (CA)	--	9	132	--	--	--	--	*	3	--	18
New Hogan (CA)	--	--	--	529	--	--	--	--	--	--	--
Stone Drop (CA)	--	--	--	26	--	--	--	--	--	--	--
Monongahela Power Co (APS)	2,019,779	3,379	1,158	--	--	--	763	6	11	2,693	22
Albright (WV)	20,699	397	--	--	--	--	10	1	--	169	1
Fort Martin (WV)	505,248	892	--	--	--	--	188	1	--	708	6
Harrison (WV)	1,020,459	--	1,158	--	--	--	371	--	11	847	3
Pleasants (WV)	470,309	2,047	--	--	--	--	192	3	--	835	11
Rivesville (WV)	-503	--	--	--	--	--	--	*	--	48	1
Willow Island (WV)	3,567	43	--	--	--	--	2	*	--	87	*
Monroe City Of	--	32	6	--	--	--	--	*	*	--	1
Monroe (MO)	--	32	6	--	--	--	--	*	*	--	1
Monroe Power And Light Dept	--	--	--	287	--	--	--	--	--	--	--
Lower (UT)	--	--	--	138	--	--	--	--	--	--	--
Mon Pump St (UT)	--	--	--	25	--	--	--	--	--	--	--
Monroe Upr (UT)	--	--	--	124	--	--	--	--	--	--	--
Montana Power Company, The	511,451	487	326	230,192	--	--	332	1	3	818	16
Black Eagle (MT)	--	--	--	9,485	--	--	--	--	--	--	--
Cochrane (MT)	--	--	--	21,858	--	--	--	--	--	--	--
Colstrip (MT)	404,369	459	--	--	--	--	266	1	--	759	15
Corette, J E (MT)	107,082	--	326	--	--	--	66	--	3	59	--
Frank Bird (MT)	--	--	--	--	--	--	--	--	--	--	--
Hauser Lake (MT)	--	--	--	9,626	--	--	--	--	--	--	--
Holter (MT)	--	--	--	18,165	--	--	--	--	--	--	--
Kerr (MT)	--	--	--	56,260	--	--	--	--	--	--	--
Lake Diesel (MT)	--	--	--	--	--	--	--	--	--	--	--
Madison (MT)	--	--	--	5,267	--	--	--	--	--	--	--
Milltown (MT)	--	--	--	2,089	--	--	--	--	--	--	--
Morony (MT)	--	--	--	23,556	--	--	--	--	--	--	--
Mystic Lake (MT)	--	--	--	798	--	--	--	--	--	--	--
Rainbow (MT)	--	--	--	21,071	--	--	--	--	--	--	--
Ryan (MT)	--	--	--	36,570	--	--	--	--	--	--	--
Thompson Falls (MT)	--	--	--	25,447	--	--	--	--	--	--	--
Yellowstone (MT)	--	28	--	--	--	--	--	*	--	--	1
Montana-Dakota Utilities Co	101,109	430	108	--	--	--	92	1	2	211	9

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	44,440	428	--	--	--	--	39	1	--	159	6
Glendive (MT)	--	2	93	--	--	--	--	*	1	--	2
Heskett (ND)	34,265	--	--	--	--	--	32	--	*	40	--
Lewis & Clark (MT)	22,404	--	7	--	--	--	22	--	*	12	--
Miles City (MT)	--	--	15	--	--	--	--	--	*	--	1
Williston (ND)	--	--	-7	--	--	--	--	--	--	--	--
Montaup Electric Co (EU)	8,536	3,049	--	--	--	--	4	7	--	96	83
Somerset (MA)	8,536	3,049	--	--	--	--	4	7	--	96	83
Montezuma Mun Elec Lt & Pwr	--	--	--	--	--	--	--	--	--	--	*
Montezuma (IA)	--	--	--	--	--	--	--	--	--	--	*
Moon Lake Electric Assn, Inc	--	--	--	854	--	--	--	--	--	--	--
Utah (UT)	--	--	--	614	--	--	--	--	--	--	--
Yellowstone (UT)	--	--	--	240	--	--	--	--	--	--	--
Moorhead Public Service Dept	138	2	--	--	--	--	*	*	--	2	*
Moorhead (MN)	138	2	--	--	--	--	*	*	--	2	*
Moose Lake Public Util Comm	--	--	--	--	--	--	--	--	--	--	*
Moose Lake (MN)	--	--	--	--	--	--	--	--	--	--	*
Mora Municipal Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Mora (MN)	--	--	--	--	--	--	--	--	--	--	--
Morgan City City Of	--	--	142	--	--	--	--	--	4	--	--
Morgan City (LA)	--	--	142	--	--	--	--	--	4	--	--
Morrisville Water & Light Dept	--	--	--	1,182	--	--	--	--	--	--	--
Cady's Falls (VT)	--	--	--	272	--	--	--	--	--	--	--
Morrisville (VT)	--	--	--	617	--	--	--	--	--	--	--
W K Sanders (VT)	--	--	--	293	--	--	--	--	--	--	--
Mount Pleasant Mun Utils	--	--	--	--	--	--	--	--	--	--	*
Mt Pleasant (IA)	--	--	--	--	--	--	--	--	--	--	*
Mount Pleasant Municipal	--	--	--	173	--	--	--	--	--	--	--
Lower (UT)	--	--	--	67	--	--	--	--	--	--	--
Unit 3 (UT)	--	--	--	--	--	--	--	--	--	--	--
Upper (UT)	--	--	--	106	--	--	--	--	--	--	--
Mountain Lake Municipal Util	--	--	--	--	--	--	--	--	--	--	--
Mountain Lake (MN)	--	--	--	--	--	--	--	--	--	--	--
Mullen, Village Of	--	7	--	--	--	--	--	*	--	--	*
Mullen (NE)	--	7	--	--	--	--	--	*	--	--	*
Mulvane City Of	--	--	--	--	--	--	--	--	--	--	*
Mulvane (KS)	--	--	--	--	--	--	--	--	--	--	*
Murray City Corporation	--	1	4	746	--	--	--	*	*	--	*
Diesel (UT)	--	1	4	--	--	--	--	*	*	--	*
Little Cottonwood (UT)	--	--	--	746	--	--	--	--	--	--	--
Muscatine City Of	94,325	120	646	--	--	--	64	*	9	69	2
Muscatine (IA)	94,325	120	646	--	--	--	64	*	9	69	2
Muscoda Light & Water Comm	--	--	--	--	--	--	--	--	--	--	--
Muscoda (WI)	--	--	--	--	--	--	--	--	--	--	--
Naknek Electric Assn, Inc	--	1,478	--	--	--	--	--	2	--	--	14
Naknek (AK)	--	1,478	--	--	--	--	--	2	--	--	14
Nantahala Power & Light Co	--	--	--	56,713	--	--	--	--	--	--	--
Bear Creek (NC)	--	--	--	4,658	--	--	--	--	--	--	--
Bryson (NC)	--	--	--	632	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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											
Cedar Cliff (NC)	--	--	--	3,102	--	--	--	--	--	--	--
Dillsboro (NC)	--	--	--	76	--	--	--	--	--	--	--
Franklin (NC)	--	--	--	361	--	--	--	--	--	--	--
Mission (NC)	--	--	--	537	--	--	--	--	--	--	--
Nantahala (NC)	--	--	--	29,920	--	--	--	--	--	--	--
Queens Creek (NC)	--	--	--	778	--	--	--	--	--	--	--
Tennessee Creek (NC)	--	--	--	6,093	--	--	--	--	--	--	--
Thorpe (NC)	--	--	--	9,238	--	--	--	--	--	--	--
Tuckasegee (NC)	--	--	--	1,318	--	--	--	--	--	--	--
Nantucket Electric Company	--	6,403	--	--	--	--	--	11	--	--	6
Nantucket (MA)	--	6,403	--	--	--	--	--	11	--	--	6
Natchitoches City Of	--	--	--	--	--	--	--	--	--	--	--
Natchitoches (LA)	--	--	--	--	--	--	--	--	--	--	--
National Hydro	--	--	--	1,692	--	--	--	--	--	--	--
Dayton (IL)	--	--	--	1,692	--	--	--	--	--	--	--
Nebraska City Utilities	--	34	528	--	--	--	--	*	7	--	--
Nebraska City (NE)	--	10	153	--	--	--	--	*	3	--	--
Syracuse No 2 (NE)	--	24	375	--	--	--	--	*	4	--	--
Nebraska Public Power District ...	749,864	36	3,797	18,708	--	--	446	*	42	874	18
Columbus (NE)	--	--	--	12,520	--	--	--	--	--	--	--
Cooper (NE)	--	--	--	--	--	--	--	--	--	--	--
David City (NE)	--	2	6	--	--	--	--	*	*	--	*
Gentleman (NE)	693,809	--	3,739	--	--	--	410	--	41	718	7
Hallam (NE)	--	--	--	--	--	--	--	--	--	--	3
Hebron (NE)	--	--	--	--	--	--	--	*	--	--	3
Kearney (NE)	--	--	--	--	--	--	--	--	--	--	--
Lyons (NE)	--	2	--	--	--	--	--	*	--	--	*
Madison (NE)	--	3	14	--	--	--	--	*	*	--	*
Mc Cook (NE)	--	--	--	--	--	--	--	*	--	--	3
Minnehadzuza (NE)	--	--	--	18	--	--	--	--	--	--	--
Mobile (NE)	--	--	--	--	--	--	--	--	--	--	--
Monroe (NE)	--	--	--	1,976	--	--	--	--	--	--	--
North Platte (NE)	--	--	--	3,155	--	--	--	--	--	--	--
Ord (NE)	--	23	6	--	--	--	--	*	*	--	*
Schuyler (NE)	--	--	--	--	--	--	--	--	--	--	*
Sheldon (NE)	56,055	--	24	--	--	--	36	--	*	156	--
Spencer (NE)	--	--	--	1,039	--	--	--	--	--	--	--
Sutherland (NE)	--	6	--	--	--	--	--	*	--	--	*
Wakefield (NE)	--	--	8	--	--	--	--	--	*	--	*
Neodesha City Of	--	--	--	--	--	--	--	--	--	--	*
Neodesha (KS)	--	--	--	--	--	--	--	--	--	--	*
Nevada Irrigation District	--	--	--	1,800	--	--	--	--	--	--	--
Combie No (CA)	--	--	--	58	--	--	--	--	--	--	--
Combie So (CA)	--	--	--	1,035	--	--	--	--	--	--	--
Scott Flat (CA)	--	--	--	707	--	--	--	--	--	--	--
Nevada Irrigation District	--	--	--	51,641	--	--	--	--	--	--	--
Bowman (CA)	--	--	--	827	--	--	--	--	--	--	--
Chicago Park (CA)	--	--	--	24,686	--	--	--	--	--	--	--
Dutch Flat No.2 (CA)	--	--	--	17,177	--	--	--	--	--	--	--
Rollins (CA)	--	--	--	8,951	--	--	--	--	--	--	--
Nevada Power Company	191,667	344	9,664	--	--	--	94	1	164	384	103
Clark (NV)	--	12	9,268	--	--	--	--	*	158	--	61
Gardner, Reid (NV)	191,667	332	--	--	--	--	94	1	--	384	7
Sun Peak (NV)	--	--	396	--	--	--	--	--	6	--	--
Sunrise (NV)	--	--	--	--	--	--	--	--	--	--	35
New England Power Co (NEES) ...	463,833	249,401	--	229,826	--	--	177	437	--	504	1,214
Bear Swamp (MA)	--	--	--	-15,076	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)											
Bellows Falls (VT)	--	--	--	25,239	--	--	--	--	--	--	--
Brayton Point (MA)	302,479	103,037	--	--	--	--	111	186	--	380	759
Comerford (NH)	--	--	--	75,081	--	--	--	--	--	--	--
Deerfield No. 2 (MA)	--	--	--	3,224	--	--	--	--	--	--	--
Deerfield No. 3 (MA)	--	--	--	3,981	--	--	--	--	--	--	--
Deerfield No. 4 (MA)	--	--	--	3,239	--	--	--	--	--	--	--
Deerfield No. 5 (MA)	--	--	--	--	--	--	--	--	--	--	--
Fife Brook (MA)	--	--	--	4,193	--	--	--	--	--	--	--
Gloucester (MA)	--	250	--	--	--	--	--	*	--	--	2
Harriman (VT)	--	--	--	18,558	--	--	--	--	--	--	--
Manchester Street (RI)	--	4,686	--	--	--	--	--	13	--	--	57
McIndoes (NH)	--	--	--	7,073	--	--	--	--	--	--	--
Moore (NH)	--	--	--	62,619	--	--	--	--	--	--	--
Newburyport (MA)	--	--	--	--	--	--	--	--	--	--	1
Salem Harbor (MA)	161,354	141,428	--	--	--	--	65	237	--	124	394
Searsburg (VT)	--	--	--	3,016	--	--	--	--	--	--	--
Sherman (MA)	--	--	--	4,304	--	--	--	--	--	--	--
South Street (RI)	--	--	--	--	--	--	--	--	--	--	--
Vernon (NH)	--	--	--	7,414	--	--	--	--	--	--	--
Vernon (VT)	--	--	--	2,310	--	--	--	--	--	--	--
Wilder (NH)	--	--	--	13,579	--	--	--	--	--	--	--
Wilder (VT)	--	--	--	11,072	--	--	--	--	--	--	--
New Hampton Mun Light Plant	--	--	--	--	--	--	--	--	--	--	*
New Hampton (IA)	--	--	--	--	--	--	--	--	--	--	*
New Lisbon Mun Electric Dept	--	5	10	--	--	--	--	*	*	--	*
New Lisbon (WI)	--	5	10	--	--	--	--	*	*	--	*
New Orleans Public Service											
(MSU)	--	1,074	172,015	--	--	--	--	2	1,820	--	142
Michoud (LA)	--	1,074	172,015	--	--	--	--	2	1,820	--	141
Paterson, A B (LA)	--	--	--	--	--	--	--	--	--	--	2
New Prague Mun Utils Comm	--	1	--	--	--	--	--	*	--	--	*
New Prague (MN)	--	1	--	--	--	--	--	*	--	--	*
New Roads Light & Water Plant	--	--	--	--	--	--	--	*	*	--	1
New Roads (LA)	--	--	--	--	--	--	--	*	*	--	1
New Smyrna Beach City Of	--	-12	2	--	--	--	--	*	*	--	2
Causeway (FL)	--	--	--	--	--	--	--	--	--	--	--
Glencoe Road (FL)	--	--	--	--	--	--	--	--	--	--	--
New Smyra (FL)	--	-26	--	--	--	--	--	*	--	--	1
W E Swoope (FL)	--	14	2	--	--	--	--	*	*	--	1
New Ulm Pub Utils Comm	--	--	2,560	--	--	--	--	--	62	4	4
New Ulm (MN)	--	--	2,560	--	--	--	--	--	62	4	4
New York State Elec & Gas Corp	750,143	765	--	40,715	--	658	303	1	--	771	8
Cadyville (NY)	--	--	--	2,174	--	--	--	--	--	--	--
Goudey (NY)	64,330	271	--	--	--	--	27	1	--	52	1
Greenidge (NY)	86,916	148	--	--	--	--	35	*	--	98	1
Harris Lake (NY)	--	13	--	--	--	--	--	*	--	--	*
Hickling (NY)	36,068	--	--	--	--	--	24	--	--	34	--
High Falls (NY)	--	--	--	11,485	--	--	--	--	--	--	--
Jennison (NY)	24,634	--	--	--	--	658	18	--	--	39	--
Kents Falls (NY)	--	--	--	8,222	--	--	--	--	--	--	--
Keuka (NY)	--	--	--	--	--	--	--	--	--	--	--
Mechanicville (NY)	--	--	--	10,395	--	--	--	--	--	--	--
Mill "C" (NY)	--	--	--	2,862	--	--	--	--	--	--	--
Milliken (NY)	95,038	21	--	--	--	--	37	*	--	138	2
Rainbow Falls (NY)	--	--	--	1,788	--	--	--	--	--	--	--
Seneca Falls (NY)	--	--	--	2,818	--	--	--	--	--	--	--
Somerset (NY)	443,157	312	--	--	--	--	162	1	--	411	3
Waterloo (NY)	--	--	--	971	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	5	--	--	--	--	--	*	--	--	*
Newberry (MI)	--	5	--	--	--	--	--	*	--	--	*
Newport Electric Corporation	--	-60	--	--	--	--	--	--	--	--	2
Eldred (RI)	--	-21	--	--	--	--	--	--	--	--	1
Jepson (RI)	--	-39	--	--	--	--	--	--	--	--	1
Niagara Mohawk Power Corp	522,239	55,919	53,275	360,664	916,887	--	204	99	641	475	1,307
Albany (NY)	--	--	50,614	--	--	--	--	--	612	--	206
Allens Falls (NY)	--	--	--	2,545	--	--	--	--	--	--	--
Bakers Falls (NY)	--	--	--	--	--	--	--	--	--	--	--
Baldwinsville (NY)	--	--	--	127	--	--	--	--	--	--	--
Beardslee (NY)	--	--	--	10,313	--	--	--	--	--	--	--
Beebee Island (NY)	--	--	--	5,020	--	--	--	--	--	--	--
Belfort (NY)	--	--	--	1,210	--	--	--	--	--	--	--
Bennetts Bridge (NY)	--	--	--	16,969	--	--	--	--	--	--	--
Black River (NY)	--	--	--	3,540	--	--	--	--	--	--	--
Blake (NY)	--	--	--	9,688	--	--	--	--	--	--	--
Browns Falls (NY)	--	--	--	10,349	--	--	--	--	--	--	--
Chasm (NY)	--	--	--	1,922	--	--	--	--	--	--	--
Colton (NY)	--	--	--	20,426	--	--	--	--	--	--	--
Deferiet (NY)	--	--	--	3,266	--	--	--	--	--	--	--
Dunkirk (NY)	249,717	900	--	--	--	--	94	2	--	221	1
Eagle (NY)	--	--	--	3,447	--	--	--	--	--	--	--
East Norfolk (NY)	--	--	--	2,355	--	--	--	--	--	--	--
Eel Weir (NY)	--	--	--	592	--	--	--	--	--	--	--
Effley (NY)	--	--	--	1,614	--	--	--	--	--	--	--
Elmer (NY)	--	--	--	1,162	--	--	--	--	--	--	--
Ephratah (NY)	--	--	--	2,369	--	--	--	--	--	--	--
Feeder Dam (NY)	--	--	--	2,506	--	--	--	--	--	--	--
Five Falls (NY)	--	--	--	16,070	--	--	--	--	--	--	--
Flat Rock (NY)	--	--	--	3,472	--	--	--	--	--	--	--
Franklin (NY)	--	--	--	1,456	--	--	--	--	--	--	--
Fulton (NY)	--	--	--	790	--	--	--	--	--	--	--
Glenwood (NY)	--	--	--	849	--	--	--	--	--	--	--
Granby (NY)	--	--	--	6,335	--	--	--	--	--	--	--
Green Island (NY)	--	--	--	2,837	--	--	--	--	--	--	--
Hannawa (NY)	--	--	--	5,079	--	--	--	--	--	--	--
Herrings (NY)	--	--	--	2,029	--	--	--	--	--	--	--
Heuvelton (NY)	--	--	--	132	--	--	--	--	--	--	--
High Dam (NY)	--	--	--	3,525	--	--	--	--	--	--	--
High Falls (NY)	--	--	--	3,875	--	--	--	--	--	--	--
Higley (NY)	--	--	--	3,370	--	--	--	--	--	--	--
Hogansburg (NY)	--	--	--	168	--	--	--	--	--	--	--
Huntley, C R (NY)	272,522	4	--	--	--	--	109	1	--	255	3
Hydraulic Race (NY)	--	--	--	--	--	--	--	--	--	--	--
Inghams (NY)	--	--	--	4,367	--	--	--	--	--	--	--
Johnsonville (NY)	--	--	--	1,333	--	--	--	--	--	--	--
Kamargo (NY)	--	--	--	1,858	--	--	--	--	--	--	--
Lighthouse Hill (NY)	--	--	--	4,949	--	--	--	--	--	--	--
Macomb (NY)	--	--	--	707	--	--	--	--	--	--	--
Minetto (NY)	--	--	--	4,800	--	--	--	--	--	--	--
Moreau (NY)	--	--	--	1,866	--	--	--	--	--	--	--
Moshier (NY)	--	--	--	2,061	--	--	--	--	--	--	--
Nine Mile Point (NY)	--	14	--	--	916,887	--	--	*	--	--	2
Norfolk (NY)	--	--	--	2,962	--	--	--	--	--	--	--
Norwood (NY)	--	--	--	1,408	--	--	--	--	--	--	--
Oak Orchard (NY)	--	--	--	--	--	--	--	--	--	--	--
Oswegatchie (NY)	--	--	--	--	--	--	--	--	--	--	--
Oswego (NY)	--	55,001	2,661	--	--	--	--	96	29	--	1,094
Oswego Falls Es (NY)	--	--	--	2,537	--	--	--	--	--	--	--
Oswego Falls Ws (NY)	--	--	--	1,093	--	--	--	--	--	--	--
Parishville (NY)	--	--	--	1,431	--	--	--	--	--	--	--
Piercefield (NY)	--	--	--	1,673	--	--	--	--	--	--	--
Prospect (NY)	--	--	--	13,362	--	--	--	--	--	--	--
Rainbow (NY)	--	--	--	16,065	--	--	--	--	--	--	--
Raymondville (NY)	--	--	--	1,416	--	--	--	--	--	--	--
Schaghticoke (NY)	--	--	--	10,619	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	22,219	--	--	--	--	--	--	--
Schuylerville (NY)	--	--	--	-12	--	--	--	--	--	--	--
Sewalls (NY)	--	--	--	1,135	--	--	--	--	--	--	--
Sherman Island (NY)	--	--	--	13,258	--	--	--	--	--	--	--
So Glens Falls (NY)	--	--	--	784	--	--	--	--	--	--	--
Soft Maple (NY)	--	--	--	4,318	--	--	--	--	--	--	--
South Colton (NY)	--	--	--	13,658	--	--	--	--	--	--	--
South Edwards (NY)	--	--	--	2,115	--	--	--	--	--	--	--
Spier Falls (NY)	--	--	--	30,515	--	--	--	--	--	--	--
Stark (NY)	--	--	--	15,272	--	--	--	--	--	--	--
Stewarts Bridge (NY)	--	--	--	6,597	--	--	--	--	--	--	--
Stuyvesant Falls (NY)	--	--	--	516	--	--	--	--	--	--	--
Sugar Island (NY)	--	--	--	2,750	--	--	--	--	--	--	--
Taylorville (NY)	--	--	--	3,007	--	--	--	--	--	--	--
Trenton (NY)	--	--	--	13,187	--	--	--	--	--	--	--
Varick (NY)	--	--	--	1,590	--	--	--	--	--	--	--
Waterport (NY)	--	--	--	1,870	--	--	--	--	--	--	--
West, E J (NY)	--	--	--	3,648	--	--	--	--	--	--	--
Yaleville (NY)	--	--	--	323	--	--	--	--	--	--	--
Niles Board Of Public Works	--	--	--	--	--	--	--	--	--	--	--
Niles (MI)	--	--	--	--	--	--	--	--	--	--	--
Nodak Rural Elec Coop Inc	--	--	--	--	--	--	--	--	--	--	--
Mobile (ND)	--	--	--	--	--	--	--	--	--	--	--
Nome Light And Power Utilities ..	--	1,986	--	--	--	--	--	3	--	--	1
Snake River (AK)	--	1,986	--	--	--	--	--	3	--	--	1
North American Hydro Inc	--	--	--	--	--	--	--	--	--	--	--
Wautoma (WI)	--	--	--	--	--	--	--	--	--	--	--
North Branch Lt & Pwr Comm	--	--	--	--	--	--	--	--	--	--	--
North Branch (MN)	--	--	--	--	--	--	--	--	--	--	--
North Central Power Co Inc	--	2	--	997	--	--	--	*	--	--	*
Arpin (WI)	--	--	--	454	--	--	--	--	--	--	--
Radisson (WI)	--	2	--	192	--	--	--	*	--	--	*
Winter (WI)	--	--	--	351	--	--	--	--	--	--	*
North Little Rock City Of	--	--	--	12,711	--	--	--	--	--	--	--
Murray (AR)	--	--	--	12,711	--	--	--	--	--	--	--
Northeast Missouri Elec Pwr											
Coop	--	--	--	--	--	--	--	--	--	--	--
South River Station (MO)	--	--	--	--	--	--	--	--	--	--	--
Northeast Nuclear Energy Co	--	--	--	--	1,539,712	--	--	--	--	--	--
Millstone (CT)	--	--	--	--	1,539,712	--	--	--	--	--	--
Northern Indiana Public Serv Co .	1,195,894	--	26,788	10,867	--	--	589	--	285	1,205	--
Bailey (IN)	232,663	--	481	--	--	--	108	--	5	175	--
Michigan City (IN)	196,148	--	12,687	--	--	--	88	--	128	166	--
Mitchell, Dean H (IN)	165,340	--	616	--	--	--	94	--	7	155	--
Norway (IN)	--	--	--	4,642	--	--	--	--	--	--	--
Oakdale (IN)	--	--	--	6,225	--	--	--	--	--	--	--
Schahfer, R. M. (IN)	601,743	--	13,004	--	--	--	298	--	145	709	--
Northern States Power Co	1,350,467	33,264	3,584	134,318	1,143,943	37,488	819	3	52	1,468	175
Apple River (WI)	--	--	--	1,142	--	--	--	--	--	--	--
Bay Front (WI)	585	--	25	--	--	7,055	1	--	1	10	--
Big Falls (WI)	--	--	--	5,182	--	--	--	--	--	--	--
Black Dog (MN)	145,039	--	1,318	--	--	--	95	--	15	65	*
Blue Lake (MN)	--	-179	--	--	--	--	--	*	--	--	17
Cedar Falls (WI)	--	--	--	4,287	--	--	--	--	--	--	--
Chippewa Falls (WI)	--	--	--	11,394	--	--	--	--	--	--	--
Cornell (WI)	--	--	--	14,829	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	4,816	--	--	--	--	--	--	--
Flambeau (WI)	--	--	-19	--	--	--	--	--	*	--	4
French Island (WI)	--	-72	3	--	--	5,980	--	--	*	--	27
Granite City (MN)	--	--	32	--	--	--	--	--	8	--	4
Hayward (WI)	--	--	--	133	--	--	--	--	--	--	--
Hennepin Island (MN)	--	--	--	5,717	--	--	--	--	--	--	--
High Bridge (MN)	70,704	--	1,575	--	--	--	50	--	19	19	9
Holcombe (WI)	--	--	--	16,372	--	--	--	--	--	--	--
Holland (MN)	--	--	--	--	--	22	--	--	--	--	--
Inver Hills (MN)	--	-21	--	--	--	--	--	*	--	--	50
Jim Falls (WI)	--	--	--	24,095	--	--	--	--	--	--	--
Key City (MN)	--	--	-40	--	--	--	--	--	*	--	3
King (MN)	238,639	26,857	150	--	--	1,056	129	--	1	161	--
Ladysmith (WI)	--	--	--	1,571	--	--	--	--	--	--	--
Menomonie (WI)	--	--	--	3,072	--	--	--	--	--	--	--
Minnesota Valley (MN)	6,860	14	127	--	--	--	4	*	2	5	*
Monticello (MN)	--	--	--	--	398,374	--	--	--	--	--	--
Pathfinder (SD)	--	--	-130	--	--	--	--	--	--	--	--
Prairie Island (MN)	--	--	--	--	745,569	--	--	--	--	--	--
Redwing (MN)	--	--	62	--	--	11,456	--	--	1	--	--
Riverdale (WI)	--	--	--	359	--	--	--	--	--	--	--
Riverside (MN)	149,810	6,327	427	--	--	--	89	*	4	62	2
Saxon Falls (MI)	--	--	--	1,099	--	--	--	--	--	--	--
Sherburne County (MN)	738,830	495	--	--	--	--	451	1	--	1,146	4
St Croix Falls (WI)	--	--	--	13,380	--	--	--	--	--	--	--
Superior Falls (MI)	--	--	--	1,289	--	--	--	--	--	--	--
Thornapple (WI)	--	--	--	979	--	--	--	--	--	--	--
Trego (WI)	--	--	--	829	--	--	--	--	--	--	--
West Faribault (MN)	--	--	-15	--	--	--	--	--	--	--	--
Wheaton (WI)	--	-157	--	--	--	--	--	*	--	--	55
White River (WI)	--	--	--	584	--	--	--	--	--	--	--
Wilmarth (MN)	--	--	69	--	--	11,919	--	--	1	--	--
Wissota (WI)	--	--	--	23,189	--	--	--	--	--	--	--
Northway Power & Light Inc											
Northway (AK)	--	--	--	--	--	--	--	--	--	--	--
Northwestern Public Service											
Company	--	-21	-50	--	--	--	--	*	*	--	20
Aberdeen (SD)	--	18	--	--	--	--	--	*	--	--	9
Clark (SD)	--	-7	--	--	--	--	--	*	--	--	*
Faulkton (SD)	--	-4	--	--	--	--	--	*	--	--	*
Highmore (SD)	--	-3	--	--	--	--	--	*	--	--	*
Huron (SD)	--	--	-40	--	--	--	--	--	--	--	8
Mobile (SD)	--	-6	--	--	--	--	--	--	--	--	*
Redfield (SD)	--	-5	-11	--	--	--	--	*	*	--	*
Webster (SD)	--	-16	--	--	--	--	--	--	--	--	*
Yankton New (SD)	--	2	1	--	--	--	--	*	*	--	1
Northwestern Wisconsin Elec Co											
Black Brook (WI)	--	-23	--	1,054	--	--	--	--	--	--	2
Clam Falls (WI)	--	--	--	257	--	--	--	--	--	--	--
Clam River Dam (WI)	--	--	--	60	--	--	--	--	--	--	--
Danbury (WI)	--	--	--	480	--	--	--	--	--	--	--
Frederic (WI)	--	-16	--	257	--	--	--	--	--	--	1
Grantsburg (WI)	--	-5	--	--	--	--	--	--	--	--	*
Grantsburg (WI)	--	-2	--	--	--	--	--	--	--	--	*
Northwood City Of Mun Lt & Pwr											
Northwood (ND)	--	--	--	--	--	--	--	--	--	--	--
Norton City Of											
Norton (KS)	--	10	17	--	--	--	--	*	*	--	*
Norton (KS)	--	10	17	--	--	--	--	*	*	--	*
Norway Electric Light Dept											
Norway (MI)	--	--	--	2,786	--	--	--	--	--	--	--
Norway (MI)	--	--	--	2,786	--	--	--	--	--	--	--
Norwich Dept Of Pub Utils											
Norwich (VT)	--	3	--	1,454	--	--	--	*	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	3	--	--	--	--	--	*	--	--	1
Occum (CT)	--	--	--	551	--	--	--	--	--	--	--
10Th Street (CT)	--	--	--	630	--	--	--	--	--	--	--
2Nd Street (CT)	--	--	--	273	--	--	--	--	--	--	--
Nushagak Electric Coop, Inc	--	1,288	--	--	--	--	--	2	--	--	9
Dillingham (AK)	--	1,288	--	--	--	--	--	2	--	--	9
Oakdale & South San Joaquin	--	--	--	72,489	--	--	--	--	--	--	--
Beardsley (CA)	--	--	--	7,245	--	--	--	--	--	--	--
Donnels (CA)	--	--	--	47,039	--	--	--	--	--	--	--
Sand Bar (CA)	--	--	--	10,570	--	--	--	--	--	--	--
Tulloch (CA)	--	--	--	7,635	--	--	--	--	--	--	--
Oakely City Of	--	--	--	--	--	--	--	--	--	--	--
Oakely (KS)	--	--	--	--	--	--	--	--	--	--	--
Oberlin City Of	--	--	--	--	--	--	--	--	--	--	--
Oberlin (KS)	--	--	--	--	--	--	--	--	--	--	--
Oberlin Mun Lt Pwr System	--	12	152	--	--	--	--	*	1	--	1
Oberlin (OH)	--	12	152	--	--	--	--	*	1	--	1
Oconto Electric Coop	--	--	--	751	--	--	--	--	--	--	--
Stiles (WI)	--	--	--	751	--	--	--	--	--	--	--
Odessa City Of	--	7	10	--	--	--	--	*	*	--	1
Odessa (MO)	--	7	10	--	--	--	--	*	*	--	1
Ogden Municipal Utilities	--	1	5	--	--	--	--	*	*	--	*
Ogden (IA)	--	1	5	--	--	--	--	*	*	--	*
Oglethorpe Power Corporation	--	--	--	1,080	--	--	--	--	--	--	--
Tallassee (GA)	--	--	--	1,080	--	--	--	--	--	--	--
Ohio Edison Company	1,560,779	2,320	--	--	--	--	659	6	--	1,135	31
Burger, R E (OH)	216,646	658	--	--	--	--	101	1	--	318	2
Edgewater (OH)	4,522	195	--	--	--	--	4	1	--	1	6
Gorge Steam (OH)	--	--	--	--	--	--	--	--	--	--	--
Mad River (OH)	--	193	--	--	--	--	--	1	--	--	13
Niles (OH)	92,703	136	--	--	--	--	42	*	--	104	7
Sammis (OH)	1,206,336	1,012	--	--	--	--	487	2	--	703	3
Toronto (OH)	40,572	126	--	--	--	--	25	*	--	8	*
West Lorain (OH)	--	--	--	--	--	--	--	--	--	--	--
Ohio Power Co (AEP)	3,089,667	6,136	--	11,199	--	--	1,257	10	--	3,862	67
Gavin, Gen J M (OH)	1,294,700	1,623	--	--	--	--	540	3	--	2,322	33
Kammer (WV)	439,010	137	--	--	--	--	170	*	--	348	2
Mitchell (WV)	657,073	2,943	--	--	--	--	255	5	--	443	26
Muskingum River (OH)	698,884	1,433	--	--	--	--	292	2	--	748	6
Racine (OH)	--	--	--	11,199	--	--	--	--	--	--	--
Tidd (OH)	--	--	--	--	--	--	--	--	--	--	--
Ohio Valley Electric Corporation	649,905	602	--	--	--	--	261	1	--	870	1
Kyger Creek (OH)	649,905	602	--	--	--	--	261	1	--	870	1
Oklahoma Gas & Electric Co	1,073,003	521	444,792	--	--	--	626	1	4,584	1,662	476
Arbuckle (OK)	--	--	--	--	--	--	--	--	--	--	--
Conoco (OK)	--	--	25,128	--	--	--	--	--	245	--	--
Enid (OK)	--	--	63	--	--	--	--	--	2	--	--
Horseshoe Lake (OK)	--	449	80,209	--	--	--	--	1	799	--	79
Muskogee (OK)	616,866	--	47,827	--	--	--	371	--	507	914	41
Mustang (OK)	--	2	72,911	--	--	--	--	*	749	--	14
Seminole (OK)	--	--	218,633	--	--	--	--	--	2,282	--	319
Sooner (OK)	456,137	70	--	--	--	--	255	*	--	747	22
Woodward (OK)	--	--	21	--	--	--	--	--	*	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	410,031	2,179	1,433	--	197,655	--	269	4	21	549	28
Fort Calhoun (NE)	--	--	--	--	197,655	--	--	--	--	--	--
Jones Street (NE)	--	-9	--	--	--	--	--	*	--	--	17
Nebraska City (NE)	204,396	2,176	--	--	--	--	132	4	--	328	4
North Omaha (NE)	205,635	--	809	--	--	--	137	--	9	221	--
Sarpy (NE)	--	12	624	--	--	--	--	*	11	--	7
Onawa City Of Municipal Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Onawa (IA)	--	--	--	--	--	--	--	--	--	--	--
Opelousas Elec Lt & Wtr Works Plant	--	--	--	--	--	--	--	--	--	--	--
Opelousas (LA)	--	--	--	--	--	--	--	--	--	--	--
Orange And Rockland Utilities, Inc	53,576	11,119	231,449	15,187	--	--	23	19	2,360	72	645
Bowline Point (NY)	--	11,062	216,408	--	--	--	--	18	2,196	--	526
Grahamsville (NY)	--	--	--	495	--	--	--	--	--	--	--
Hillburn (NY)	--	3	26	--	--	--	--	*	1	--	2
Lovett (NY)	53,576	5	14,815	--	--	--	23	*	155	72	114
Mongaup (NY)	--	--	--	2,666	--	--	--	--	--	--	--
Rio (NY)	--	--	--	7,022	--	--	--	--	--	--	--
Shoemaker (NY)	--	49	200	--	--	--	--	*	8	--	2
Swinging Bridge 1 (NY)	--	--	--	1,932	--	--	--	--	--	--	--
Swinging Bridge 2 (NY)	--	--	--	3,072	--	--	--	--	--	--	--
Orange City Municipal Light Plant Orange City (IA)	--	--	--	--	--	--	--	--	--	--	--
Orcas Power & Light Company ... Eastsound (WA)	--	--	--	--	--	--	--	--	--	--	--
Oregon Trail Elec Coop	--	--	--	315	--	--	--	--	--	--	--
Rock Creek (OR)	--	--	--	315	--	--	--	--	--	--	--
Orlando Utilities Commission	293,471	9,971	124,203	--	--	--	101	17	1,316	14	292
Indian River (FL)	--	9,869	124,203	--	--	--	--	17	1,316	--	288
Stanton (FL)	293,471	102	--	--	--	--	101	*	--	14	4
Oroville Wyandotte Irrig Dist	--	--	--	86,090	--	--	--	--	--	--	--
Forbestown (CA)	--	--	--	27,231	--	--	--	--	--	--	--
Kelly Ridge (CA)	--	--	--	7,863	--	--	--	--	--	--	--
Sly Creek (CA)	--	--	--	9,907	--	--	--	--	--	--	--
Woodleaf (CA)	--	--	--	41,089	--	--	--	--	--	--	--
Orrville Mun Utilities	18,409	--	54	--	--	--	12	--	1	4	--
Orrville (OH)	18,409	--	54	--	--	--	12	--	1	4	--
Osage Mun Utilities	--	1	--	--	--	--	--	*	--	--	1
Osage (KS)	--	1	--	--	--	--	--	*	--	--	1
Osage Municipal Utilities	--	27	--	--	--	--	--	*	--	--	2
Osage (IA)	--	27	--	--	--	--	--	*	--	--	2
Osawatomie City Of	--	3	--	--	--	--	--	*	--	--	*
Osawatomie (KS)	--	3	--	--	--	--	--	*	--	--	*
Osborne City Of	--	--	--	--	--	--	--	*	*	--	*
Osborne (KS)	--	--	--	--	--	--	--	*	*	--	*
Osceola City Of	--	--	--	--	--	--	--	--	--	--	--
Osceola (AR)	--	--	--	--	--	--	--	--	--	--	--
Ottawa Water & Light Dept	--	13	1,904	--	--	--	--	*	30	--	2
Ottawa (KS)	--	13	1,904	--	--	--	--	*	30	--	2
Otter Tail Power Company	262,478	505	--	2,393	--	--	222	1	--	285	18

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	201	--	--	--	--	--	--	--
Big Stone (SD)	220,658	342	--	--	--	--	197	1	--	274	7
Dayton Hollow (MN)	--	--	--	711	--	--	--	--	--	--	--
Hoot Lake (MN)	41,820	137	--	392	--	--	25	*	--	11	*
Jamestown (ND)	--	26	--	--	--	--	--	*	--	--	8
Lake Preston (SD)	--	--	--	--	--	--	--	*	--	--	3
Pisgah (MN)	--	--	--	450	--	--	--	--	--	--	--
Port 148 (MN)	--	--	--	--	--	--	--	--	--	--	--
Taplin Gorge (MN)	--	--	--	372	--	--	--	--	--	--	--
Wright (MN)	--	--	--	267	--	--	--	--	--	--	--
Ottumwa Wtr Wrks & Hydro El Pl											
Ottumwa (IA)	--	--	--	303	--	--	--	--	--	--	--
Owatonna Municipal Public											
Utilities	--	--	389	--	--	--	--	--	6	--	--
Owatonna (MN)	--	--	389	--	--	--	--	--	6	--	--
Owensboro Municipal Utilities											
Owensboro Municipal Utilities	96,565	44	--	--	--	--	42	*	--	66	1
Elmer Smith (KY)	96,565	44	--	--	--	--	42	*	--	66	1
Owensville Municipal Utilities											
Owensville (MO)	--	--	--	--	--	--	--	*	--	--	*
Oxford Mun Lt & Pwr Plant											
Oxford (NE)	--	--	--	--	--	--	--	--	--	--	*
Pacific Gas & Electric Company											
* Central Storage *	--	291	1,218,184	1,463,011	764,761	562,327	--	1	13,226	--	7,876
Alta (CA)	--	--	--	195	--	--	--	--	--	--	84
Angels (CA)	--	--	--	705	--	--	--	--	--	--	--
Balch 1 (CA)	--	--	--	23,451	--	--	--	--	--	--	--
Balch 2 (CA)	--	--	--	76,620	--	--	--	--	--	--	--
Belden (CA)	--	--	--	3,527	--	--	--	--	--	--	--
Black, James B (CA)	--	--	--	91,355	--	--	--	--	--	--	--
Bucks Creek (CA)	--	--	--	42,456	--	--	--	--	--	--	--
Butt Valley (CA)	--	--	--	-91	--	--	--	--	--	--	--
Caribou 1 (CA)	--	--	--	-192	--	--	--	--	--	--	--
Caribou 2 (CA)	--	--	--	3,696	--	--	--	--	--	--	--
Centerville (CA)	--	--	--	4,400	--	--	--	--	--	--	--
Chili Bar (CA)	--	--	--	5,844	--	--	--	--	--	--	--
Coal Canyon (CA)	--	--	--	656	--	--	--	--	--	--	--
Coleman (CA)	--	--	--	8,422	--	--	--	--	--	--	--
Contra Costa (CA)	--	--	149,870	--	--	--	--	--	2,493	--	695
Cow Creek (CA)	--	--	--	1,474	--	--	--	--	--	--	--
Crane Valley (CA)	--	--	--	484	--	--	--	--	--	--	--
Cresta (CA)	--	--	--	52,493	--	--	--	--	--	--	--
De Sabla (CA)	--	--	--	14,158	--	--	--	--	--	--	--
Deer Creek (CA)	--	--	--	--	--	--	--	--	--	--	--
Diablo Canyon (CA)	--	--	--	--	764,761	--	--	--	--	--	--
Downieville (CA)	--	-5	--	--	--	--	--	--	--	--	*
Drum 1 (CA)	--	--	--	16,119	--	--	--	--	--	--	--
Drum 2 (CA)	--	--	--	34,967	--	--	--	--	--	--	--
Dutch Flat (CA)	--	--	--	13,731	--	--	--	--	--	--	--
El Dorado (CA)	--	--	--	-18	--	--	--	--	--	--	--
Electra (CA)	--	--	--	55,100	--	--	--	--	--	--	--
Haas (CA)	--	--	--	87,865	--	--	--	--	--	--	--
Halsey (CA)	--	--	--	6,543	--	--	--	--	--	--	--
Hamilton Branch (CA)	--	--	--	2,907	--	--	--	--	--	--	--
Hat Creek 1 (CA)	--	--	--	2,907	--	--	--	--	--	--	--
Hat Creek 2 (CA)	--	--	--	4,132	--	--	--	--	--	--	--
Helms (CA)	--	--	--	-10,606	--	--	--	--	--	--	--
Humboldt Bay (CA)	--	229	10,314	--	--	--	--	1	172	--	696
Hunters Point (CA)	--	-37	53,943	--	--	--	--	--	591	--	309
Inskip (CA)	--	--	--	5,522	--	--	--	--	--	--	--
Kerckhoff (CA)	--	--	--	-29	--	--	--	--	--	--	--
Kerckhoff 2 (CA)	--	--	--	93,482	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	8,263	--	--	--	--	--	--	--
Kilarc (CA)	--	--	--	2,360	--	--	--	--	--	--	--
Kings River (CA)	--	--	--	35,692	--	--	--	--	--	--	--
Lime Saddle (CA)	--	--	--	962	--	--	--	--	--	--	--
Merced Falls (CA)	--	--	--	1,934	--	--	--	--	--	--	--
Mobile Turbine (CA)	--	--	--	--	--	--	--	--	--	--	--
Morro Bay (CA)	--	--	109,399	--	--	--	--	--	1,135	--	1,052
Moss Landing (CA)	--	--	453,775	--	--	--	--	--	4,214	--	2,503
Murphys (CA)	--	--	--	2,462	--	--	--	--	--	--	--
Narrows (CA)	--	--	--	8,209	--	--	--	--	--	--	--
Newcastle (CA)	--	--	--	5,784	--	--	--	--	--	--	--
Oak Flat (CA)	--	--	--	733	--	--	--	--	--	--	--
Oakland (CA)	--	65	--	--	--	--	--	--	--	--	32
Phoenix (CA)	--	--	--	1,437	--	--	--	--	--	--	--
Pit 1 (CA)	--	--	--	37,048	--	--	--	--	--	--	--
Pit 3 (CA)	--	--	--	50,730	--	--	--	--	--	--	--
Pit 4 (CA)	--	--	--	68,686	--	--	--	--	--	--	--
Pit 5 (CA)	--	--	--	110,384	--	--	--	--	--	--	--
Pit 6 (CA)	--	--	--	57,041	--	--	--	--	--	--	--
Pit 7 (CA)	--	--	--	80,795	--	--	--	--	--	--	--
Pittsburg (CA)	--	--	357,389	--	--	--	--	--	3,800	--	2,224
Poe (CA)	--	--	--	90,414	--	--	--	--	--	--	--
Potrero (CA)	--	39	83,494	--	--	--	--	--	821	--	280
Potter Valley (CA)	--	--	--	6,534	--	--	--	--	--	--	--
PVUSA 1 (CA)	--	--	--	--	--	77	--	--	--	--	--
Rock Creek (CA)	--	--	--	83,681	--	--	--	--	--	--	--
Salt Springs (CA)	--	--	--	26,305	--	--	--	--	--	--	--
San Joaquin No. 1a (CA)	--	--	--	247	--	--	--	--	--	--	--
San Joaquin No. 2 (CA)	--	--	--	1,985	--	--	--	--	--	--	--
San Joaquin 3 (CA)	--	--	--	2,708	--	--	--	--	--	--	--
South (CA)	--	--	--	5,122	--	--	--	--	--	--	--
Spaulding No. 1 (CA)	--	--	--	2,327	--	--	--	--	--	--	--
Spaulding No. 2 (CA)	--	--	--	1,821	--	--	--	--	--	--	--
Spaulding No. 3 (CA)	--	--	--	4,429	--	--	--	--	--	--	--
Spring Gap (CA)	--	--	--	3,909	--	--	--	--	--	--	--
Stanislaus (CA)	--	--	--	40,099	--	--	--	--	--	--	--
The Geysers (CA)	--	--	--	--	--	562,250	--	--	--	--	--
Tiger Creek (CA)	--	--	--	33,900	--	--	--	--	--	--	--
Toadtown (CA)	--	--	--	1,030	--	--	--	--	--	--	--
Tule River (CA)	--	--	--	4,549	--	--	--	--	--	--	--
Volta (CA)	--	--	--	5,524	--	--	--	--	--	--	--
Volta 2 (CA)	--	--	--	760	--	--	--	--	--	--	--
West Point (CA)	--	--	--	9,753	--	--	--	--	--	--	--
Wise (CA)	--	--	--	10,295	--	--	--	--	--	--	--
Wise 2 (CA)	--	--	--	--	--	--	--	--	--	--	--
Wishon, A G (CA)	--	--	--	12,824	--	--	--	--	--	--	--
PacifiCorp	4,372,415	6,403	45,726	623,965	--	15,238	2,490	11	548	3,367	37
American Fork (UT)	--	--	--	605	--	--	--	--	--	--	--
Ashton (ID)	--	--	--	2,834	--	--	--	--	--	--	--
Beaver Upper (UT)	--	--	--	1,216	--	--	--	--	--	--	--
Bend (OR)	--	--	--	339	--	--	--	--	--	--	--
Big Fork (MT)	--	--	--	2,357	--	--	--	--	--	--	--
Blundell (UT)	--	--	--	--	--	15,238	--	--	--	--	--
Bridger, Jim (WY)	1,044,360	3,146	--	--	--	--	580	6	--	628	14
Carbon (UT)	103,570	185	--	--	--	--	50	--	--	61	1
Centralia (WA)	852,210	78	--	--	--	--	534	--	--	453	4
Clearwater 1 (OR)	--	--	--	6,347	--	--	--	--	--	--	--
Clearwater 2 (OR)	--	--	--	10,484	--	--	--	--	--	--	--
Cline Falls (OR)	--	--	--	409	--	--	--	--	--	--	--
Condit (WA)	--	--	--	9,210	--	--	--	--	--	--	--
Copco 1 (CA)	--	--	--	15,316	--	--	--	--	--	--	--
Copco 2 (CA)	--	--	--	20,247	--	--	--	--	--	--	--
Cove (ID)	--	--	--	366	--	--	--	--	--	--	--
Cutler (UT)	--	--	--	13,550	--	--	--	--	--	--	--
Eagle Point (OR)	--	--	--	1,445	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	1,239	--	--	--	--	--	--	--
Fall Creek (CA)	--	--	--	1,132	--	--	--	--	--	--	--
Fish Creek (OR)	--	--	--	8,427	--	--	--	--	--	--	--
Ftn Green (UT)	--	--	--	48	--	--	--	--	--	--	--
Gadsby (UT)	--	--	34,791	--	--	--	--	--	385	--	--
Grace (ID)	--	--	--	11,323	--	--	--	--	--	--	--
Granite (UT)	--	--	--	567	--	--	--	--	--	--	--
Hunter (emery) (UT)	641,262	2,731	--	--	--	--	297	5	--	956	5
Huntington Canyon (UT)	576,596	--	--	--	--	--	286	--	--	720	3
Hydro No. 1 (UT)	--	--	--	353	--	--	--	--	--	--	--
Hydro No. 2 (UT)	--	--	--	179	--	--	--	--	--	--	--
Hydro No. 3 (UT)	--	--	--	345	--	--	--	--	--	--	--
Iron Gate (CA)	--	--	--	13,385	--	--	--	--	--	--	--
John C Boyle (OR)	--	--	--	52,566	--	--	--	--	--	--	--
Johnston, Dave (WY)	558,932	95	--	--	--	--	376	*	--	209	3
Last Chance (UT)	--	--	--	163	--	--	--	--	--	--	--
Lemolo 1 (OR)	--	--	--	12,415	--	--	--	--	--	--	--
Lemolo 2 (OR)	--	--	--	20,338	--	--	--	--	--	--	--
Little Mountain (UT)	--	--	10,217	--	--	--	--	--	156	--	1
Merwin (WA)	--	--	--	81,173	--	--	--	--	--	--	--
Naches (WA)	--	--	--	1,211	--	--	--	--	--	--	--
Naches Drop (WA)	--	--	--	474	--	--	--	--	--	--	--
Naughton (WY)	353,424	141	718	--	--	--	186	*	7	340	1
Olmstead (UT)	--	--	--	3,335	--	--	--	--	--	--	--
Oneida (ID)	--	--	--	4,911	--	--	--	--	--	--	--
Paris (ID)	--	--	--	23	--	--	--	--	--	--	--
Pioneer (UT)	--	--	--	2,110	--	--	--	--	--	--	--
Powerdale (OR)	--	--	--	4,683	--	--	--	--	--	--	--
Prospect 1 (OR)	--	--	--	3,269	--	--	--	--	--	--	--
Prospect 2 (OR)	--	--	--	23,181	--	--	--	--	--	--	--
Prospect 3 (OR)	--	--	--	4,681	--	--	--	--	--	--	--
Prospect 4 (OR)	--	--	--	637	--	--	--	--	--	--	--
Skookumchuck (WA)	--	--	--	140	--	--	--	--	--	--	--
Slide Creek (OR)	--	--	--	12,194	--	--	--	--	--	--	--
Snake Creek (UT)	--	--	--	70	--	--	--	--	--	--	--
Soda (ID)	--	--	--	1,611	--	--	--	--	--	--	--
Soda Springs (OR)	--	--	--	8,248	--	--	--	--	--	--	--
St Anthony (ID)	--	--	--	-2	--	--	--	--	--	--	--
Stairs (UT)	--	--	--	572	--	--	--	--	--	--	--
Stayton (OR)	--	--	--	--	--	--	--	--	--	--	--
Swift No. 2 (WA)	--	--	--	34,405	--	--	--	--	--	--	--
Swift 1 (WA)	--	--	--	111,794	--	--	--	--	--	--	--
Toketee (OR)	--	--	--	28,254	--	--	--	--	--	--	--
Viva WY)	--	--	--	73	--	--	--	--	--	--	--
Wallo va Falls (OR)	--	--	--	211	--	--	--	--	--	--	--
Weber (UT)	--	--	--	2,248	--	--	--	--	--	--	--
West Side (OR)	--	--	--	-6	--	--	--	--	--	--	--
Wyodak (WY)	242,061	27	--	--	--	--	181	*	--	--	5
Yale (WA)	--	--	--	87,260	--	--	--	--	--	--	--
Painesville Mun Lt Plant	11,161	57	155	--	--	--	7	*	3	2	2
Painesville (OH)	11,161	57	155	--	--	--	7	*	3	2	2
Palmyra City Of Bd Of Pub											
Works	--	7	19	--	--	--	--	*	*	--	*
Palmyra (MO)	--	7	19	--	--	--	--	*	*	--	*
Palmyra 2 (MO)	--	--	--	--	--	--	--	--	--	--	--
Paragould Light Plant Comm											
Paragould (AR)	--	--	--	--	--	--	--	--	--	--	--
Paris Light & Power Dept											
Paris (KY)	--	--	--	--	--	--	--	--	--	--	--
Parowan City Corporation											
Center Creek (UT)	--	--	--	428	--	--	--	--	--	--	--
Paragonah (UT)	--	--	--	256	--	--	--	--	--	--	--
	--	--	--	172	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Pasadena City Of Wtr & Pwr											
Dept	--	--	21,453	825	--	--	--	--	251	--	119
Azusa (CA)	--	--	--	825	--	--	--	--	--	--	--
Broadway (CA)	--	--	21,310	--	--	--	--	--	249	--	105
Glenarm (CA)	--	--	143	--	--	--	--	--	3	--	14
Pattonsburg Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Pattonsburg (MO)	--	--	--	--	--	--	--	--	--	--	--
Paullina Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Paullina (IA)	--	--	--	--	--	--	--	--	--	--	--
Pawhuska Light & Water Plant	--	--	--	--	--	--	--	--	--	--	--
Pawhuska (OK)	--	--	--	--	--	--	--	--	--	--	--
Peabody Mun Light Plant	--	--	68	--	--	--	--	--	1	--	4
Waters River (MA)	--	--	68	--	--	--	--	--	1	--	4
Pelican Utility Company	--	8	--	213	--	--	--	*	--	--	*
Pelican (AK)	--	8	--	213	--	--	--	*	--	--	*
Pella Municipal Power & Light	4,251	--	--	--	--	--	3	--	--	2	--
Pella (IA)	4,251	--	--	--	--	--	3	--	--	2	--
Pend Oreille County P U D No 1	--	--	--	40,713	--	--	--	--	--	--	--
Box Canyon (WA)	--	--	--	40,375	--	--	--	--	--	--	--
Calispel Creek (WA)	--	--	--	338	--	--	--	--	--	--	--
Pender Mun Light Plant	--	11	--	--	--	--	--	*	--	--	*
Pender (NE)	--	11	--	--	--	--	--	*	--	--	*
Pennsylvania Electric Co (GPS) ... 2,684,548	8,366	659	8,774	--	--	--	1,046	14	7	3,029	51
Benton (PA)	--	50	--	--	--	--	--	--	--	--	--
Blossburg (PA)	--	--	126	--	--	--	--	--	2	--	--
Conemaugh (PA)	1,131,255	85	529	--	--	--	421	*	5	720	7
Deep Creek (MD)	--	--	--	9,279	--	--	--	--	--	--	--
Homer City (PA)	556,177	3,397	--	--	--	--	215	5	--	1,227	7
Keystone (PA)	574,098	317	--	--	--	--	222	1	--	864	9
Piney (PA)	--	--	--	13,900	--	--	--	--	--	--	--
Seneca (PA)	--	--	--	-14,405	--	--	--	--	--	--	--
Seward (PA)	92,131	807	--	--	--	--	41	2	--	90	*
Shawville (PA)	298,786	3,639	--	--	--	--	127	7	--	105	10
Warren (PA)	32,101	145	4	--	--	--	18	*	*	23	*
Wayne (PA)	--	-74	--	--	--	--	--	--	--	--	16
Pennsylvania Power & Light Co ... 1,482,484	112,697	--	86,591	1,475,760	--	--	607	172	--	7,566	1,174
* Central Storage *	--	--	--	--	--	--	--	--	--	4,855	--
Allentown (PA)	--	--	--	--	--	--	--	--	--	--	4
Brunner Island (PA)	594,046	1,875	--	--	--	--	221	6	--	851	6
Fishbach (PA)	--	--	--	--	--	--	--	--	--	--	2
Harrisburg (PA)	--	104	--	--	--	--	--	*	--	--	4
Harwood (PA)	--	--	--	--	--	--	--	--	--	--	2
Holtwood (PA)	28,116	10,264	--	61,959	--	--	18	*	--	93	1
Jenkins (PA)	--	--	--	--	--	--	--	--	--	--	2
Loch Haven (PA)	--	--	--	--	--	--	--	--	--	--	2
Martins Creek (PA)	105,129	78,810	--	--	--	--	47	160	--	61	1,130
Montour (PA)	582,120	756	--	--	--	--	225	4	--	774	11
Sunbury (PA)	163,073	20,630	--	--	--	--	96	1	--	932	5
Susquehanna (PA)	--	--	--	1,475,760	--	--	--	--	--	--	--
Wallenpaupack (PA)	--	--	--	24,632	--	--	--	--	--	--	--
West Shore (PA)	--	241	--	--	--	--	--	1	--	--	2
Williamsport (PA)	--	17	--	--	--	--	--	*	--	--	2
Pennsylvania Power Co ... 1,428,893	1,537	--	--	--	--	--	585	3	--	1,231	49
Mansfield, Bruce (PA)	1,304,304	1,365	--	--	--	--	528	2	--	1,142	48
New Castle (PA)	124,589	172	--	--	--	--	57	*	--	89	1
Peru City Of Mun Pwr Plant	--	-6	--	--	--	--	--	*	--	--	1
Peru (IL)	--	-6	--	--	--	--	--	*	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Peru Utilities	--	--	--	--	--	--	--	--	--	*	*
Peru (IN)	--	--	--	--	--	--	--	--	--	*	*
Petersburg Municipal Light & Power	--	--	--	1,260	--	--	--	--	--	--	*
Petersburg (AK)	--	--	--	1,260	--	--	--	--	--	--	*
Philadelphia Electric Company	154,536	10,113	28,503	247,458	2,696,372	--	68	24	300	239	407
* Central Storage *	--	--	--	--	--	--	--	--	--	--	15
Chester (PA)	--	--	--	--	--	--	--	--	--	--	6
Conowingo (MD)	--	--	--	276,387	--	--	--	--	--	--	--
Cromby (PA)	54,683	4,660	22,616	--	--	--	25	8	247	47	35
Croydon (PA)	--	-326	--	--	--	--	--	*	--	--	57
Delaware (PA)	--	2,787	--	--	--	--	--	9	--	--	76
Eddystone (PA)	99,853	1,314	5,887	--	--	--	43	2	54	192	162
Falls (PA)	--	1	--	--	--	--	--	*	--	--	7
Limerick (PA)	--	--	--	--	1,508,374	--	--	--	--	--	--
Moser (PA)	--	--	--	--	--	--	--	--	--	--	8
Muddy Run (PA)	--	--	--	-28,929	--	--	--	--	--	--	--
Peach Bottom (PA)	--	--	--	--	1,187,998	--	--	--	--	--	--
Richmond (PA)	--	10	--	--	--	--	--	*	--	--	32
Schuylkill (PA)	--	1,667	--	--	--	--	--	4	--	--	4
Southwark (PA)	--	--	--	--	--	--	--	--	--	--	6
Piggott Public Improvement Dist	--	--	--	--	--	--	--	--	--	--	*
1	--	--	--	--	--	--	--	--	--	--	*
Piggott (AR)	--	--	--	--	--	--	--	--	--	--	*
Piqua Municipal Power System	2,226	200	--	--	--	--	3	1	--	1	3
Piqua (OH)	2,226	200	--	--	--	--	3	1	--	1	3
Placer County Water Agency	--	--	--	140,304	--	--	--	--	--	--	--
French Meadows (CA)	--	--	--	7,749	--	--	--	--	--	--	--
Hell Hole (WA)	--	--	--	97	--	--	--	--	--	--	--
Middle Fork (CA)	--	--	--	68,676	--	--	--	--	--	--	--
Oxbow (CA)	--	--	--	4,274	--	--	--	--	--	--	--
Ralston (CA)	--	--	--	59,508	--	--	--	--	--	--	--
Plains Elec Gen & Trans Coop, Inc	72,750	--	425	--	--	--	42	--	5	152	9
Algodones (NM)	--	--	--	--	--	--	--	--	--	--	--
Escalante (NM)	72,750	--	425	--	--	--	42	--	5	152	9
Plainview Municipal Power Plant	--	--	--	--	--	--	--	--	--	--	--
Plainview (NE)	--	--	--	--	--	--	--	--	--	--	--
Plaquemine Lt & Wtr Plant	--	--	--	--	--	--	--	--	*	--	--
Plaquemine (LA)	--	--	--	--	--	--	--	--	*	--	--
Platte River Power Auth	166,871	--	--	--	--	--	100	--	--	178	5
Rawhide (CO)	166,871	--	--	--	--	--	100	--	--	178	5
Ponca City Mun Wtr & Lt Dept	--	91	823	--	--	--	--	*	10	--	1
Ponca Steam (OK)	--	--	--	--	--	--	--	--	--	--	--
Ponca Steam (OK)	--	91	823	--	--	--	--	*	10	--	1
Portland City Of Electric Dept	--	--	--	106	--	--	--	--	--	--	--
Jenkins, Frank (MI)	--	--	--	--	--	--	--	--	--	--	--
Portland (MI)	--	--	--	106	--	--	--	--	--	--	--
Portland General Electric Company	354,946	106	--	348,912	-3,910	--	198	*	--	576	241
Beaver (OR)	--	--	--	--	--	--	--	--	--	--	211
Bethel (OR)	--	--	--	--	--	--	--	--	--	--	16
Boardman (OR)	354,946	106	--	--	--	--	198	*	--	576	13
Bull Run (OR)	--	--	--	14,472	--	--	--	--	--	--	--
Faraday (OR)	--	--	--	28,484	--	--	--	--	--	--	--
North Fork (OR)	--	--	--	33,588	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	27,300	--	--	--	--	--	--	--
Pelton (OR)	--	--	--	60,752	--	--	--	--	--	--	--
Pelton Re Regulation (OR)	--	--	--	9,853	--	--	--	--	--	--	--
Portland Hydro Proj 1 (OR)	--	--	--	16,116	--	--	--	--	--	--	--
Portland Hydro Proj 2 (OR)	--	--	--	--	--	--	--	--	--	--	--
River Mill (OR)	--	--	--	15,996	--	--	--	--	--	--	--
Round Butte (OR)	--	--	--	140,880	--	--	--	--	--	--	--
Sullivan (OR)	--	--	--	1,471	--	--	--	--	--	--	--
Summit (OR)	--	--	--	--	--	--	--	--	--	--	--
Trojan (OR)	--	--	--	--	-3,910	--	--	--	--	--	--
Potomac Edison Co (APS)	21,934	167	--	2,333	--	--	9	*	--	52	1
Dam 4 (WV)	--	--	--	324	--	--	--	--	--	--	--
Dam 5 (WV)	--	--	--	233	--	--	--	--	--	--	--
Harpers Ferry (WV)	--	--	--	--	--	--	--	--	--	--	--
Luray (VA)	--	--	--	1,014	--	--	--	--	--	--	--
Millville (WV)	--	--	--	621	--	--	--	--	--	--	--
Newport (VA)	--	--	--	26	--	--	--	--	--	--	--
Shenandoah (VA)	--	--	--	--	--	--	--	--	--	--	--
Smith, R P (MD)	21,934	167	--	--	--	--	9	*	--	52	1
Warren (VA)	--	--	--	115	--	--	--	--	--	--	--
Potomac Electric Power Co	1,076,899	47,331	4,032	--	--	--	408	101	72	1,449	1,107
Bonning (DC)	--	-541	--	--	--	--	--	*	--	--	97
Buzzard Point (DC)	--	-217	--	--	--	--	--	--	--	--	19
Chalk Point (MD)	362,730	32,078	4,032	--	--	--	138	76	72	492	698
Dickerson (MD)	297,941	1,445	--	--	--	--	109	2	--	327	42
Morgantown (MD)	270,984	12,472	--	--	--	--	100	18	--	508	250
Potomac River (VA)	145,244	2,094	--	--	--	--	60	4	--	121	1
Power Authority Of The State Of NY											
Ashokan (NY)	--	1,179	143,598	1,984,836	397,035	--	--	2	1,589	--	--
Astoria (NY)	--	--	--	1,907	--	--	--	--	--	--	--
Bienheim (NY)	--	1,179	143,598	--	--	--	--	2	1,589	--	--
Crescent (NY)	--	--	--	-57,548	--	--	--	--	--	--	--
Fitzpatrick (NY)	--	--	--	8,086	--	--	--	--	--	--	--
Hinckley (NY)	--	--	--	--	397,035	--	--	--	--	--	--
Indian Point (NY)	--	--	--	5,427	--	--	--	--	--	--	--
Kensico (NY)	--	--	--	495	--	--	--	--	--	--	--
Lewiston (NY)	--	--	--	-19,154	--	--	--	--	--	--	--
Moses Niagara (NY)	--	--	--	1,414,380	--	--	--	--	--	--	--
Moses Power Dam (NY)	--	--	--	625,557	--	--	--	--	--	--	--
Vischer Ferry (NY)	--	--	--	5,686	--	--	--	--	--	--	--
Pratt City Of	--	--	53	--	--	--	--	--	2	--	2
Pratt (KS)	--	--	53	--	--	--	--	--	2	--	2
Preston Public Utilities Comm	--	-12	--	--	--	--	--	*	--	--	*
Preston (MN)	--	-12	--	--	--	--	--	*	--	--	*
Preston, Town Of Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Preston (IA)	--	--	--	--	--	--	--	--	--	--	--
Primghar Municipal Lt Plant	--	--	--	--	--	--	--	--	--	--	--
Primghar (IA)	--	--	--	--	--	--	--	--	--	--	--
Princeton Mun Pwr & Lt Plant	--	13	--	--	--	--	--	*	--	--	*
Princeton (MN)	--	13	--	--	--	--	--	*	--	--	*
Princeton Municipal Utilities	--	--	--	--	--	--	--	*	*	--	*
Princeton (IL)	--	--	--	--	--	--	--	*	*	--	*
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, April 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)
Provo City Corporation Dept Of											
Utill	--	--	6	--	--	--	--	--	*	--	1
Provo (UT)	--	--	6	--	--	--	--	--	*	--	1
Public Serv Co Of Oklahoma											
(CSW)	356,198	23	509,772	--	--	--	215	*	4,981	595	98
Comanche (OK)	--	1	101,419	--	--	--	--	*	827	--	*
Northeastern (OK)	356,198	9	21,257	--	--	--	215	*	229	595	*
Riverside (OK)	--	5	326,482	--	--	--	--	*	3,263	--	46
Southwestern (OK)	--	2	60,614	--	--	--	--	*	662	--	50
Tulsa (OK)	--	2	--	--	--	--	--	*	--	--	*
Weleetka (OK)	--	4	--	--	--	--	--	*	--	--	*
Public Service Co Of Colorado	989,901	56	14,342	12,853	--	--	538	*	202	2,092	96
Alamosa (CO)	--	--	-18	--	--	--	--	--	--	--	6
Ames (CO)	--	--	--	741	--	--	--	--	--	--	--
Arapahoe (CO)	124,737	--	129	--	--	--	65	--	2	70	--
Boulder Hydro (CO)	--	--	--	1,195	--	--	--	--	--	--	--
Cabin Creek (CO)	--	--	--	-4,725	--	--	--	--	--	--	--
Cameo (CO)	46,378	38	5	--	--	--	24	*	*	39	*
Cherokee (CO)	343,826	--	4,219	--	--	--	162	--	46	343	*
Comanche (CO)	191,295	--	159	--	--	--	115	--	2	420	3
Fort Lupton (CO)	--	--	708	--	--	--	--	--	11	--	14
Fruita (CO)	--	--	-9	--	--	--	--	--	--	--	*
Georgetown Hydro (CO)	--	--	--	399	--	--	--	--	--	--	--
Hayden (CO)	116,520	--	237	--	--	--	59	--	2	668	2
Palisade Hydro (CO)	--	--	--	1,804	--	--	--	--	--	--	--
Pawnee (CO)	167,145	18	2,414	--	--	--	112	*	25	448	8
Salida No. 1 Hydro (CO)	--	--	--	116	--	--	--	--	--	--	--
Salida No. 2 Hydro (CO)	--	--	--	211	--	--	--	--	--	--	--
Shoshone Hydro (CO)	--	--	--	10,268	--	--	--	--	--	--	--
Tacoma (CO)	--	--	--	2,844	--	--	--	--	--	--	--
Valmont (CO)	--	--	591	--	--	--	--	--	20	103	10
Zuni (CO)	--	--	5,907	--	--	--	--	--	94	--	53
Public Service Co Of New											
Hampshire	184,820	21,988	441	40,249	828,580	--	75	44	6	414	360
Amoskeag (NH)	--	--	--	9,921	--	--	--	--	--	--	--
Ayers Island (NH)	--	--	--	5,821	--	--	--	--	--	--	--
Canaan (VT)	--	--	--	652	--	--	--	--	--	--	--
Eastman Falls (NH)	--	--	--	3,409	--	--	--	--	--	--	--
Garvins Falls (NH)	--	--	--	5,480	--	--	--	--	--	--	--
Gorham (NH)	--	--	--	1,028	--	--	--	--	--	--	--
Hooksett (NH)	--	--	--	522	--	--	--	--	--	--	--
Jackman (NH)	--	--	--	2,390	--	--	--	--	--	--	--
Lost Nation (NH)	--	-9	--	--	--	--	--	--	--	--	2
Merrimack (NH)	160,824	66	--	--	--	--	62	*	--	342	3
Newington (NH)	--	20,141	441	--	--	--	--	40	6	--	312
Schiller (NH)	23,996	1,791	--	--	--	--	13	4	--	72	40
Seabrook (NH)	--	--	--	--	828,580	--	--	--	--	--	--
Smith (NH)	--	--	--	11,026	--	--	--	--	--	--	--
Swans Falls (ME)	--	-2	--	--	--	--	--	--	--	--	*
White Lake (NH)	--	1	--	--	--	--	--	*	--	--	2
Public Service Co Of New											
Mexico	606,795	1,390	22,277	--	--	--	371	3	276	725	32
Las Vegas (NM)	--	-16	--	--	--	--	--	--	--	--	4
Person (NM)	--	--	--	--	--	--	--	--	--	--	--
Reeves (NM)	--	--	22,277	--	--	--	--	--	276	--	--
San Juan (NM)	606,795	1,406	--	--	--	--	371	3	--	725	28
Public Service Elec And Gas Co	171,325	638	7,589	--	1,408,627	--	61	13	55	685	588
Bayonne (NJ)	--	-10	--	--	--	--	--	--	--	--	3
Bergen (NJ)	--	-8	5	--	--	--	--	--	*	--	1
Burlington (NJ)	--	-569	-6	--	--	--	--	*	--	--	105
Edison (NJ)	--	4,427	1,761	--	--	--	--	12	27	--	38
Essex (NJ)	--	7	1,381	--	--	--	--	*	20	--	35
Hope Creek (NJ)	--	--	--	--	790,922	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	-769	-61	-1,655	--	--	--	--	--	--	307	97
Kearny (NJ)	--	-977	-116	--	--	--	--	--	--	--	55
Linden (NJ)	--	-2,048	-122	--	--	--	--	--	--	--	208
Mercer (NJ)	172,094	3	7,256	--	--	--	61	*	8	378	*
National Park (NJ)	--	-4	--	--	--	--	--	--	--	--	2
Salem (NJ)	--	-15	--	--	617,705	--	--	--	--	--	--
Sewaren (NJ)	--	-107	-915	--	--	--	--	--	--	--	44
Puget Sound Power & Light Company	--	444	57,779	103,133	--	--	--	2	683	--	345
Crystal Mountain (WA)	--	3	--	--	--	--	--	*	--	--	*
Electron (WA)	--	--	--	14,387	--	--	--	--	--	--	--
Frederickson (WA)	--	7	57,391	--	--	--	--	*	675	--	93
Fredonia (WA)	--	370	388	--	--	--	--	1	8	--	100
Lower Baker (WA)	--	--	--	15,807	--	--	--	--	--	--	--
Nooksack (WA)	--	--	--	1,084	--	--	--	--	--	--	--
Shuffleton (WA)	--	-56	--	--	--	--	--	*	--	--	*
Snoqualmie (WA)	--	--	--	30,902	--	--	--	--	--	--	--
South Whidbey (WA)	--	19	--	--	--	--	--	*	--	--	10
Upper Baker (WA)	--	--	--	14,140	--	--	--	--	--	--	--
White River (WA)	--	--	--	26,813	--	--	--	--	--	--	--
Whitehorn (WA)	--	101	--	--	--	--	--	*	--	--	141
PSI Energy, Inc	2,221,753	7,164	--	13,558	--	--	1,034	14	--	2,401	37
Cayuga (IN)	251,982	40	--	--	--	--	123	*	--	398	4
Connersville (IN)	--	-25	--	--	--	--	--	--	--	--	7
Edwardsport (IN)	8,240	42	--	--	--	--	6	*	--	25	1
Gallagher, R (IN)	226,541	1,961	--	--	--	--	115	4	--	364	2
Gibson (IN)	1,562,363	2,962	--	--	--	--	705	5	--	1,350	7
Markland (IN)	--	--	--	13,558	--	--	--	--	--	--	--
Miami Wabash (IN)	--	-35	--	--	--	--	--	*	--	--	13
Noblesville (IN)	4,615	37	--	--	--	--	3	*	--	39	1
Wabash River (IN)	168,012	2,182	--	--	--	--	83	4	--	226	3
R V Light & Power	--	--	--	54	--	--	--	--	--	--	--
White River (SD)	--	--	--	54	--	--	--	--	--	--	--
Radford Mun Power Plant	--	--	--	704	--	--	--	--	--	--	--
Radford (VA)	--	--	--	704	--	--	--	--	--	--	--
Rantoul, Village Of, Lt & Pwr Dept	--	--	--	--	--	--	--	--	--	--	*
Rantoul (IL)	--	--	--	--	--	--	--	--	--	--	*
Raton Public Service Company ..	2,943	--	--	--	--	--	2	--	--	2	--
Raton (NM)	2,943	--	--	--	--	--	2	--	--	2	--
Rayne Elec Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Rayne (LA)	--	--	--	--	--	--	--	--	--	--	--
Red Bud City Of	--	--	--	--	--	--	--	--	--	--	1
Red Bud (IL)	--	--	--	--	--	--	--	--	--	--	1
Red Cloud City Of Mun Lt & Pwr ..	--	2	--	--	--	--	--	*	--	--	*
Red Cloud (NE)	--	2	--	--	--	--	--	*	--	--	*
Redding City Of	--	--	--	600	--	--	--	--	--	--	--
Whiskeytown (CA)	--	--	--	600	--	--	--	--	--	--	--
Redlands Water & Power Co	--	--	--	883	--	--	--	--	--	--	--
Redlands (CO)	--	--	--	883	--	--	--	--	--	--	--
Redwood Falls Pub Util Comm	--	99	--	198	--	--	--	*	--	--	2
Redwood Falls (MN)	--	99	--	198	--	--	--	*	--	--	2
Rensselaer City Of Mun Power Plant	--	4	--	--	--	--	--	*	--	--	*
Rensselaer (IN)	--	4	--	--	--	--	--	*	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	40,025	41	--	--	--	--	21	*	--	67	1
Whitewater Valley (IN)	40,025	41	--	--	--	--	21	*	--	67	1
River Falls Municipal Utilities	--	28	34	218	--	--	--	*	*	--	3
Junction (WI)	--	28	34	148	--	--	--	*	*	--	3
Powell Falls (WI)	--	--	--	70	--	--	--	--	--	--	--
Robstown City Of	--	78	567	--	--	--	--	*	8	--	7
Robstown (TX)	--	78	567	--	--	--	--	*	8	--	7
Rochelle Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Rochelle No. 1 (IL)	--	--	--	--	--	--	--	--	--	--	--
Rochelle No. 2 (IL)	--	--	--	--	--	--	--	--	--	--	*
Rochester City Of Elec Dept	8,129	-19	251	1,797	--	--	5	*	4	17	2
Cascade Creek (MN)	--	-19	--	--	--	--	--	*	--	--	2
Rochester (MN)	--	--	--	1,797	--	--	--	--	--	--	--
Silver Lake (MN)	8,129	--	251	--	--	--	5	--	4	17	--
Rochester Gas & Elec Corp	158,407	615	88	32,840	24,686	--	62	1	1	190	5
Ginna (NY)	--	--	--	--	24,686	--	--	--	--	--	--
Station 160 (NY)	--	--	--	106	--	--	--	--	--	--	--
Station 170 (NY)	--	--	--	654	--	--	--	--	--	--	--
Station 172 (NY)	--	--	--	75	--	--	--	--	--	--	--
Station 2 (NY)	--	--	--	3,442	--	--	--	--	--	--	--
Station 26 (NY)	--	--	--	--	--	--	--	--	--	--	--
Station 3 (NY)	39,409	128	--	--	--	--	15	*	--	36	3
Station 5 (NY)	--	--	--	28,563	--	--	--	--	--	--	--
Station 7 (NY)	118,998	487	--	--	--	--	47	1	--	154	1
Station 9 (NY)	--	--	88	--	--	--	--	--	1	--	--
Rock Port Bd Of Public Works	--	2	16	--	--	--	--	*	*	--	*
Rockport (MO)	--	2	16	--	--	--	--	*	*	--	*
Rock Rapids City Of (Util Div)	--	--	--	--	--	--	--	*	--	--	*
Rock Rapids (IA)	--	--	--	--	--	--	--	*	--	--	*
Rockford Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Rockford (IA)	--	--	--	--	--	--	--	--	--	--	--
Rockville Center El Lt Dept	--	3	--	--	--	--	--	*	*	--	2
Rockville (NY)	--	3	--	--	--	--	--	*	*	--	2
Roseau, Village Of	--	--	--	--	--	--	--	--	--	--	*
Roseau (MN)	--	--	--	--	--	--	--	--	--	--	*
Russell City Of	--	205	1,848	--	--	--	--	*	19	--	2
Russell (KS)	--	205	1,848	--	--	--	--	*	19	--	2
Ruston Water & Light Plant	--	--	10,595	--	--	--	--	--	126	--	--
Ruston (LA)	--	--	10,595	--	--	--	--	--	126	--	--
Sabetha City Of	--	12	10	--	--	--	--	*	*	--	*
Sabetha (KS)	--	12	10	--	--	--	--	*	*	--	*
Sacramento Municipal Utility Dist	--	1	43	322,034	--	77,105	--	*	1	--	3
Camino (CA)	--	--	--	63,419	--	--	--	--	--	--	--
Camp Far W (CA)	--	--	--	5,562	--	--	--	--	--	--	--
Coldwater Creek (CA)	--	--	--	--	--	35,947	--	--	--	--	--
Jaybird (CA)	--	--	--	85,806	--	--	--	--	--	--	--
Jones Fork (CA)	--	--	--	3,801	--	--	--	--	--	--	--
Loon Lake (CA)	--	--	--	20,721	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	1	43	--	--	--	--	*	1	--	3
Robbs Peak (CA)	--	--	--	14,959	--	--	--	--	--	--	--
Slab Creek (CA)	--	--	--	-4	--	--	--	--	--	--	--
Smudgeo (CA)	--	--	--	--	--	40,830	--	--	--	--	--
Solar (CA)	--	--	--	--	--	328	--	--	--	--	--
Union Valley (CA)	--	--	--	17,476	--	--	--	--	--	--	--
White Rock (CA)	--	--	--	110,294	--	--	--	--	--	--	--
Safe Harbor Water Power Corp ...	--	--	--	261,609	--	--	--	--	--	--	--
Safe Harbor (PA)	--	--	--	261,609	--	--	--	--	--	--	--
Salt River Proj Agri Imp Pwr Dist	1,376,677	9,311	5,536	96,596	--	--	652	17	82	2,202	472
* Central Storage *	--	--	--	--	--	--	--	--	--	--	23
Agua Fria (AZ)	--	--	-802	--	--	--	--	--	2	--	211
Coronado (AZ)	357,116	2,177	--	--	--	--	190	4	--	732	14
Crosscut (AZ)	--	--	--	2,112	--	--	--	--	--	--	--
Horse Mesa (AZ)	--	--	--	54,701	--	--	--	--	--	--	--
Kyrene (AZ)	--	1,097	2,247	--	--	--	--	2	31	--	81
Mormon Flat (AZ)	--	--	--	29,672	--	--	--	--	--	--	--
Navajo (AZ)	1,019,561	6,019	--	--	--	--	462	10	--	1,469	38
Roosevelt (AZ)	--	--	--	--	--	--	--	--	--	--	--
San Tan (AZ)	--	18	4,091	--	--	--	--	*	48	--	106
South Con (AZ)	--	--	--	907	--	--	--	--	--	--	--
Stewart Mtn (AZ)	--	--	--	9,204	--	--	--	--	--	--	--
San Antonio Public Service Bd ...	627,948	965	263,134	--	--	--	376	2	2,696	794	434
Braunig, V H (TX)	--	6	81,904	--	--	--	--	*	867	--	227
Deely, J T (TX)	257,615	959	--	--	--	--	162	2	--	794	--
J K Spruce (TX)	370,333	--	399	--	--	--	215	--	5	--	--
Leon Creek (TX)	--	--	-117	--	--	--	--	--	--	--	2
Mission Road (TX)	--	--	-142	--	--	--	--	--	--	--	--
Sommers, O W (TX)	--	--	181,395	--	--	--	--	--	1,825	--	152
Tuttle, W B (TX)	--	--	-305	--	--	--	--	--	--	--	52
San Diego Gas & Electric											
Company	--	74	314,565	--	--	--	--	*	3,321	--	1,146
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Division (CA)	--	40	--	--	--	--	--	*	--	--	--
El Cajon (CA)	--	7	78	--	--	--	--	*	1	--	1
Encina (CA)	--	--	150,230	--	--	--	--	--	1,648	--	723
Kearny (CA)	--	22	205	--	--	--	--	*	5	--	24
Miramar (CA)	--	--	--	--	--	--	--	--	--	--	4
Naval Station (CA)	--	--	31	--	--	--	--	--	*	--	15
Naval Training Cntr (CA)	--	--	--	--	--	--	--	--	--	--	1
North Island (CA)	--	3	40	--	--	--	--	*	1	--	4
Silver Gate (CA)	--	--	--	--	--	--	--	--	--	--	--
South Bay (CA)	--	2	164,062	--	--	--	--	*	1,662	--	374
Station B (CA)	--	--	-81	--	--	--	--	--	4	--	--
San Miguel Electric Coop	248,908	1,304	--	--	--	--	271	3	--	437	13
San Miguel (TX)	248,908	1,304	--	--	--	--	271	3	--	437	13
Sanborn Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Sanborn (IA)	--	--	--	--	--	--	--	--	--	--	--
Santa Clara City Of	--	--	1,819	2,165	--	--	--	--	27	--	2
Black Butte (CA)	--	--	--	--	--	--	--	--	--	--	--
Cogen Plant (CA)	--	--	1,819	--	--	--	--	--	27	--	--
Gianera (CA)	--	--	--	--	--	--	--	--	--	--	2
Highline (CA)	--	--	--	61	--	--	--	--	--	--	--
Stony Gorge (CA)	--	--	--	2,104	--	--	--	--	--	--	--
Sargent City Of	--	--	--	--	--	--	--	--	--	--	*
Sargent (NE)	--	--	--	--	--	--	--	--	--	--	*
Savannah Electric & Power Co	26,835	256	140	--	--	--	11	*	7	141	54
Boulevard (GA)	--	--	99	--	--	--	--	--	2	--	12

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	25,380	256	--	--	--	--	10	*	--	59	*
Port Wentworth (GA)	1,455	--	41	--	--	--	1	--	5	82	42
Riverside (GA)	--	--	--	--	--	--	--	--	--	--	--
Seaford Lt & Power	--	118	--	--	--	--	--	*	--	--	2
Seaford (DE)	--	118	--	--	--	--	--	*	--	--	2
Seattle Dept Of Lighting	--	--	--	409,328	--	--	--	--	--	--	--
Boundary (WA)	--	--	--	292,559	--	--	--	--	--	--	--
Cedar Falls (WA)	--	--	--	7,415	--	--	--	--	--	--	--
Diablo (WA)	--	--	--	34,205	--	--	--	--	--	--	--
Gorge (WA)	--	--	--	45,940	--	--	--	--	--	--	--
New Halem (WA)	--	--	--	1,475	--	--	--	--	--	--	--
Ross Dam (WA)	--	--	--	27,734	--	--	--	--	--	--	--
Sebewaing Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	*
Main Street (MI)	--	--	--	--	--	--	--	--	--	--	*
Pine Street (MI)	--	--	--	--	--	--	--	--	--	--	--
Sequin City Of	--	1	--	157	--	--	--	*	--	--	*
Sequin (TX)	--	1	--	157	--	--	--	*	--	--	*
Seminole Electric Coop Inc	477,087	1,565	--	--	--	--	195	3	--	461	6
Seminole (FL)	477,087	1,565	--	--	--	--	195	3	--	461	6
Seneca Hydroelectric Company Inc	--	--	--	--	--	--	--	--	--	--	--
Seneca (NY)	--	--	--	--	--	--	--	--	--	--	--
Seward Electric System	--	--	--	--	--	--	--	--	--	--	--
Schoonmaker (AK)	--	--	--	--	--	--	--	--	--	--	--
Sharon Springs City Of	--	--	6	--	--	--	--	*	*	--	*
Sharon Spring (KS)	--	--	6	--	--	--	--	*	*	--	*
Shelby Mun Light Plant	6,313	--	25	--	--	--	4	--	*	13	*
Shelby (OH)	6,313	--	25	--	--	--	4	--	*	13	*
Sho Me Power Cooperative	--	--	--	1,652	--	--	--	--	--	--	--
Niangua (MO)	--	--	--	1,652	--	--	--	--	--	--	--
Shrewsbury El Lt Plant	--	-62	--	--	--	--	--	--	--	--	2
Shrewsbury (MA)	--	-62	--	--	--	--	--	--	--	--	2
Sibley Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Sibley (IA)	--	--	--	--	--	--	--	--	--	--	--
Sibley (IA)	--	--	--	--	--	--	--	--	--	--	--
Sidney City Of (Electric Util)	--	2	21	--	--	--	--	*	*	--	1
Sidney (NE)	--	2	21	--	--	--	--	*	*	--	1
Sierra Pacific Power Company	124,827	487	144,829	3,770	--	--	64	2	1,401	181	185
Battle Mt (NV)	--	22	--	--	--	--	--	*	--	--	*
Brunswick (NV)	--	-17	--	--	--	--	--	--	--	--	*
Elko (NV)	--	-7	--	--	--	--	--	--	--	--	*
Fallon (NV)	--	-1	--	--	--	--	--	--	--	--	--
Farad (CA)	--	--	--	-3	--	--	--	--	--	--	--
Fleish (NV)	--	--	--	1,564	--	--	--	--	--	--	--
Fort Churchill (NV)	--	--	80,527	--	--	--	--	--	784	--	76
Gabbs (NV)	--	-8	--	--	--	--	--	*	--	--	1
Kings Beach (CA)	--	11	--	--	--	--	--	*	--	--	1
Lahontan (NV)	--	--	--	819	--	--	--	--	--	--	--
North Valmy (NV)	124,827	535	--	--	--	--	64	1	--	181	3
Portola (CA)	--	-8	--	--	--	--	--	*	--	--	*
Tracy (NV)	--	-89	64,288	--	--	--	--	--	617	--	103
Valley Road (NV)	--	-29	--	--	--	--	--	*	--	--	*
Verdi (NV)	--	--	--	1,140	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Sierra Pacific Power Company											
Washoe (NV)	--	--	--	59	--	--	--	--	--	--	--
Winnemucca (NV)	--	78	14	--	--	--	--	*	*	--	*
26 Foot Drop (NV)	--	--	--	191	--	--	--	--	--	--	--
Sikeston Bd Of Mun Utilities	14,464	1,093	--	--	--	--	7	2	--	180	2
Coleman, E. P. (MO)	--	--	--	--	--	--	--	--	--	--	*
Sikeston (MO)	14,464	1,093	--	--	--	--	7	2	--	180	2
Sioux Center Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Sioux Center (IA)	--	--	--	--	--	--	--	--	--	--	--
Sitka City Of (Electric Dept)	--	1	--	8,598	--	--	--	*	--	--	4
Blue Lake (AK)	--	--	--	3,677	--	--	--	--	--	--	--
Blue Lake Fish (AK)	--	--	--	28	--	--	--	--	--	--	--
Blue Lake Pulp (AK)	--	--	--	8	--	--	--	--	--	--	--
Green Lake (AK)	--	--	--	4,885	--	--	--	--	--	--	--
Indian River (AK)	--	1	--	--	--	--	--	*	--	--	4
Skaneateles City Of	--	--	--	--	--	--	--	--	--	--	--
Skaneateles (NY)	--	--	--	--	--	--	--	--	--	--	--
Sleepy Eye Public Util Comm	563	2	--	--	--	--	1	*	--	--	*
Sleepy Eye (MN)	563	2	--	--	--	--	1	*	--	--	*
Soda Springs City Of	--	--	--	73	--	--	--	--	--	--	--
Soda Springs 1 (ID)	--	--	--	31	--	--	--	--	--	--	--
Soda Springs 2 (ID)	--	--	--	42	--	--	--	--	--	--	--
South Beloit Wtr Gas & Elec Co ..	--	--	--	174	--	--	--	--	--	--	--
Rockton (IL)	--	--	--	174	--	--	--	--	--	--	--
South Carolina Public Service											
Auth	902,499	1,205	--	70,296	--	--	354	2	--	997	131
Cross (SC)	348,923	15	--	--	--	--	125	*	--	278	5
Grainger, Dolphus M (SC)	-708	--	--	--	--	--	--	*	--	66	*
Hilton Head (SC)	--	-49	--	--	--	--	--	--	--	--	33
Jefferies (SC)	82,501	233	--	24,758	--	--	36	*	--	173	49
Myrtle Beach (SC)	--	-22	--	--	--	--	--	*	--	--	35
Spillway (SC)	--	--	--	655	--	--	--	--	--	--	--
St. Stephen (SC)	--	--	--	44,883	--	--	--	--	--	--	--
Winyah (SC)	471,783	1,028	--	--	--	--	192	2	--	479	8
South Mississippi Elec Pwr Assn ..	96,718	226	22,707	--	--	--	42	*	283	376	43
Benndale (MS)	--	--	--	--	--	--	--	--	--	--	--
Morrow (MS)	96,718	226	--	--	--	--	42	*	--	376	6
Moselle (MS)	--	--	22,707	--	--	--	--	--	283	--	36
Paulding (MS)	--	--	--	--	--	--	--	--	--	--	1
South Norwalk Elec Wks, The	--	12	--	--	--	--	--	*	--	--	1
South Norwalk (CT)	--	12	--	--	--	--	--	*	--	--	1
South Texas Elec Coop, Inc	--	5	--	--	--	--	--	*	--	--	--
Rayburn, Sam (TX)	--	5	--	--	--	--	--	*	--	--	--
Southern California Edison											
Company	381,671	2,324	1,047,700	626,792	1,544,053	--	175	6	10,587	750	4,545
* Central Storage *	--	--	--	--	--	--	--	--	--	--	763
Alamitos (CA)	--	--	325,338	--	--	--	--	--	3,221	--	534
Baker Dam (CA)	--	--	--	--	--	--	--	--	--	--	--
Big Creek 1 (CA)	--	--	--	43,481	--	--	--	--	--	--	--
Big Creek 2 (CA)	--	--	--	41,702	--	--	--	--	--	--	--
Big Creek 2a (CA)	--	--	--	69,739	--	--	--	--	--	--	--
Big Creek 3 (CA)	--	--	--	128,860	--	--	--	--	--	--	--
Big Creek 4 (CA)	--	--	--	72,004	--	--	--	--	--	--	--
Big Creek 8 (CA)	--	--	--	44,102	--	--	--	--	--	--	--
Bishop Creek 2 (CA)	--	--	--	2,248	--	--	--	--	--	--	--
Bishop Creek 3 (CA)	--	--	--	2,115	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	2,815	--	--	--	--	--	--	--
Bishop Creek 5 (CA)	--	--	--	174	--	--	--	--	--	--	--
Bishop Creek 6 (CA)	--	--	--	722	--	--	--	--	--	--	--
Borel (CA)	--	--	--	7,439	--	--	--	--	--	--	--
Cool Water (CA)	--	--	13,350	--	--	--	--	--	145	--	425
Eastwood (CA)	--	--	--	27,263	--	--	--	--	--	--	--
El Segundo (CA)	--	--	131,018	--	--	--	--	--	1,277	--	292
Ellwood (CA)	--	--	-7	--	--	--	--	--	--	--	--
Etiwanda (CA)	--	--	92,370	--	--	--	--	--	990	--	602
Fontana (CA)	--	--	--	270	--	--	--	--	--	--	--
Highgrove (CA)	--	--	3,311	--	--	--	--	--	44	--	43
Huntington Beach (CA)	--	18	69,800	--	--	--	--	--	717	--	180
Kaweah 1 (CA)	--	--	--	1,379	--	--	--	--	--	--	--
Kaweah 2 (CA)	--	--	--	1,471	--	--	--	--	--	--	--
Kaweah 3 (CA)	--	--	--	2,968	--	--	--	--	--	--	--
Kern River 1 (CA)	--	--	--	16,962	--	--	--	--	--	--	--
Kern River 3 (CA)	--	--	--	26,135	--	--	--	--	--	--	--
Long Beach (CA)	--	--	12,491	--	--	--	--	--	175	--	124
Lundy (CA)	--	--	--	797	--	--	--	--	--	--	--
Lytle Creek (CA)	--	--	--	112	--	--	--	--	--	--	--
Mammoth Pool (CA)	--	--	--	115,680	--	--	--	--	--	--	--
Mandalay (CA)	--	528	89,321	--	--	--	--	1	896	--	436
Mill Creek 1 (CA)	--	--	--	644	--	--	--	--	--	--	--
Mill Creek 2&3 (CA)	--	--	--	--	--	--	--	--	--	--	--
Mill Creek 3 (CA)	--	--	--	1,643	--	--	--	--	--	--	--
Mohave (NV)	381,671	--	13,089	--	--	--	175	--	129	750	--
Ontario 1 (CA)	--	--	--	565	--	--	--	--	--	--	--
Ontario 2 (CA)	--	--	--	239	--	--	--	--	--	--	--
Ormond Beach (CA)	--	--	79,600	--	--	--	--	--	813	--	783
Pebbly Beach (CA)	--	1,921	--	--	--	--	--	5	--	--	3
Poole (CA)	--	--	--	1,546	--	--	--	--	--	--	--
Portal (CA)	--	--	--	4,493	--	--	--	--	--	--	--
Redondo Beach (CA)	--	--	218,019	--	--	--	--	--	2,180	--	289
Rush Creek (CA)	--	--	--	2,934	--	--	--	--	--	--	--
San Bernardino (CA)	--	-143	--	--	--	--	--	--	--	--	72
San Geronio (CA)	--	--	--	35	--	--	--	--	--	--	--
San Geronio (CA)	--	--	--	--	--	--	--	--	--	--	--
San Onofre (CA)	--	--	--	--	1,544,053	--	--	--	--	--	--
Santa Ana 1 (CA)	--	--	--	1,822	--	--	--	--	--	--	--
Santa Ana 2 (CA)	--	--	--	964	--	--	--	--	--	--	--
Santa Ana 3 (CA)	--	--	--	1,152	--	--	--	--	--	--	--
Sierra (CA)	--	--	--	496	--	--	--	--	--	--	--
Tule River (CA)	--	--	--	1,821	--	--	--	--	--	--	--
Southern Illinois Power Coop											
Marion (IL)	54,919	360	--	--	--	--	36	1	--	243	3
	54,919	360	--	--	--	--	36	1	--	243	3
Southern Indiana Gas & Electric											
Co	352,421	10	1,206	--	--	--	170	*	14	576	3
A. B. Brown (IN)	94,865	--	555	--	--	--	47	--	7	287	2
Broadway (IN)	--	--	308	--	--	--	--	--	3	--	1
Culley (IN)	165,434	10	187	--	--	--	80	*	2	229	*
Northeast (IN)	--	--	34	--	--	--	--	--	--	--	--
Warrick (IN)	92,122	--	122	--	--	--	43	--	1	60	--
Southwest Public Power District											
Palisade (NE)	--	--	--	--	--	--	--	--	--	--	--
Southwestern Elec Power Co											
(CSW)	1,149,566	1,220	126,710	--	--	--	777	2	1,362	2,041	116
Arsenal Hill (LA)	--	--	-104	--	--	--	--	--	--	--	--
Flint Creek (AR)	267,131	443	--	--	--	--	168	1	--	225	6
Knox Lee (TX)	--	--	29,971	--	--	--	--	--	313	--	66
Lieberman (LA)	--	--	-227	--	--	--	--	--	--	--	20
Lone Star (TX)	--	--	-33	--	--	--	--	--	--	--	14
Pirkey (TX)	259,260	--	1,243	--	--	--	220	--	14	210	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	623,175	777	--	--	--	--	389	1	--	1,605	9
Wilkes (TX)	--	--	95,860	--	--	--	--	--	1,035	--	1
Southwestern Public Service Co ..	1,160,598	31	458,119	--	--	16,021	664	*	4,781	960	87
Carlsbad (NM)	--	--	279	--	--	--	--	--	4	--	--
Celanese (TX)	--	--	--	--	--	16,021	--	--	--	--	--
Cunningham (NM)	--	19	103,360	--	--	--	--	*	1,109	--	--
Harrington (TX)	534,579	--	16,918	--	--	--	314	--	173	590	--
Jones (TX)	--	--	88,228	--	--	--	--	--	916	--	56
Maddox (NM)	--	--	48,283	--	--	--	--	--	493	--	--
Nichols (TX)	--	--	160,375	--	--	--	--	--	1,683	--	--
Plant X (TX)	--	--	38,915	--	--	--	--	--	385	--	31
Tolk Station (TX)	626,019	--	1,761	--	--	--	350	--	17	370	--
Tucumcari (NM)	--	12	--	--	--	--	--	*	--	--	1
Soyland Power Coop, Inc	3,369	-34	--	--	--	--	2	*	--	6	3
Pearl Station (IL)	3,369	8	--	--	--	--	2	*	--	6	3
Pittsfield (IL)	--	-37	--	--	--	--	--	--	--	--	*
Winchester (IL)	--	-5	--	--	--	--	--	--	--	--	*
Spalding Mun Lt & Pwr Co	--	2	--	67	--	--	--	*	--	--	*
Spalding (NE)	--	2	--	67	--	--	--	*	--	--	*
Spartanburg City Of	--	--	--	520	--	--	--	--	--	--	--
Spartanburg (SC)	--	--	--	520	--	--	--	--	--	--	--
Spencer Municipal Utilities	--	6	--	--	--	--	--	*	--	--	13
Spencer (IA)	--	6	--	--	--	--	--	*	--	--	13
Spring Valley City Of	--	--	--	--	--	--	--	--	--	--	*
Spring Valley (MN)	--	--	--	--	--	--	--	--	--	--	*
Springfield City Of	116,631	357	--	--	--	--	67	1	--	86	8
Dallman (IL)	101,860	305	--	--	--	--	57	1	--	85	--
Factory (IL)	--	6	--	--	--	--	--	*	--	--	3
Lakeside (IL)	14,771	24	--	--	--	--	10	*	--	*	4
Reynolds (IL)	--	22	--	--	--	--	--	*	--	--	1
Springfield City Of	--	--	--	--	--	--	--	--	--	--	--
Springfield (CO)	--	--	--	--	--	--	--	--	--	--	--
Springfield Public Utilities	--	--	--	--	--	--	--	--	--	--	--
Springfield (MN)	--	--	--	--	--	--	--	--	--	--	--
Springfield Utilities ..	111,539	17	1,281	--	--	--	55	*	17	144	9
James River (MO)	111,539	17	1,005	--	--	--	55	*	12	51	4
Main Street (MO)	--	--	--	--	--	--	--	--	--	--	1
Southwest (MO)	--	--	276	--	--	--	--	--	5	93	4
Springville Electric System	--	--	--	136	--	--	--	--	--	--	--
Springville (NY)	--	--	--	136	--	--	--	--	--	--	--
Springville Municipal Corporation ..	--	260	4,023	363	--	--	--	*	35	--	1
Bartholomew (UT)	--	--	--	197	--	--	--	--	--	--	--
Hobbs Creek (UT)	--	--	--	146	--	--	--	--	--	--	--
Spring Creek (UT)	--	--	--	20	--	--	--	--	--	--	--
Whitehead (UT)	--	260	4,023	--	--	--	--	*	35	--	1
St Cloud Public Utilities	--	--	--	--	--	--	--	*	--	--	3
St Cloud (FL)	--	--	--	--	--	--	--	*	--	--	3
St Francis City Of	--	13	--	--	--	--	--	*	--	--	*
St Francis (KS)	--	13	--	--	--	--	--	*	--	--	*
St George City Corp Util Commission	--	28	--	226	--	--	--	*	--	--	2

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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											
Gunlock Hydro (UT)	--	--	--	226	--	--	--	--	--	--	--
No 2 Diesel (ID)	--	28	--	--	--	--	--	*	--	--	1
St. George (UT)	--	--	--	--	--	--	--	--	--	--	1
St John City Of	--	--	--	--	--	--	--	*	--	--	1
St John (KS)	--	--	--	--	--	--	--	*	--	--	1
St Joseph Light & Power Co	6,762	733	173	--	--	--	4	2	5	59	39
Lake Road (MO)	6,762	733	173	--	--	--	4	2	5	59	39
St Louis Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Saint Louis (MI)	--	--	--	--	--	--	--	--	--	--	--
St Marys Mun Lt & Pwr Plant	--	--	--	--	--	--	--	*	--	*	1
Saint Marys (OH)	--	--	--	--	--	--	--	*	--	*	1
Stafford City Of	--	--	--	--	--	--	--	--	--	--	*
Stafford (KS)	--	--	--	--	--	--	--	--	--	--	*
Stanberry Power Co	--	--	--	--	--	--	--	--	--	--	--
Stanberry (MO)	--	--	--	--	--	--	--	--	--	--	--
Starke Mun Lt & Wtr Plant	--	40	392	--	--	--	--	*	5	--	1
Stark (FL)	--	40	392	--	--	--	--	*	5	--	1
State Center Mun Lt Plant	--	--	--	--	--	--	--	--	--	--	*
State Center (IA)	--	--	--	--	--	--	--	--	--	--	*
Sterling City Of	--	30	142	--	--	--	--	*	2	--	2
Sterling (KS)	--	30	142	--	--	--	--	*	2	--	2
Stillwater City Of	--	--	--	--	--	--	--	--	--	--	1
Boomer Lake (OK)	--	--	--	--	--	--	--	--	--	--	1
Stockton City Of	--	-16	--	--	--	--	--	*	--	--	*
Stockton (KS)	--	-16	--	--	--	--	--	*	--	--	*
Story City Mun Elec Utility	--	--	--	--	--	--	--	--	--	--	--
Story City (IA)	--	--	--	--	--	--	--	--	--	--	--
Strawberry Point Lt & Wtr Dept ..	--	--	--	--	--	--	--	--	--	--	*
Strawberry Point (IA)	--	--	--	--	--	--	--	--	--	--	*
Strawberry Water Users Assoc ..	--	--	--	2,587	--	--	--	--	--	--	--
Payson (UT)	--	--	--	221	--	--	--	--	--	--	--
Spanish Fork (UT)	--	--	--	2,366	--	--	--	--	--	--	--
Stuart Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Stuart (NE)	--	--	--	--	--	--	--	--	--	--	--
Stuart Light & Power System	--	2	--	--	--	--	--	*	--	--	*
Stuart (IA)	--	2	--	--	--	--	--	*	--	--	*
Sturgis City Of	--	144	1,335	1,391	--	--	--	*	13	--	1
Centerville (MI)	--	--	--	1,391	--	--	--	--	--	--	--
Sturgis (MI)	--	144	1,335	--	--	--	--	*	13	--	1
Sullivan City Of	--	206	2,197	--	--	--	--	*	22	--	1
Sullivan (IL)	--	206	2,197	--	--	--	--	*	22	--	1
Summer Municipal Light Dept	--	--	--	--	--	--	--	--	--	--	*
Summer (IA)	--	--	--	--	--	--	--	--	--	--	*
Sunflower Electric Coop	182,824	--	405	--	--	--	114	--	6	100	--
Garden City (KS)	--	--	-57	--	--	--	--	--	1	--	--
Holcomb (KS)	182,824	--	462	--	--	--	114	--	5	100	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Superior Water Lt & Pwr Co.	--	--	--	--	--	--	--	--	--	--	--
Winslow (WI)	--	--	--	--	--	--	--	--	--	--	--
Swans Island Electric Coop, Inc. ..	--	--	--	--	--	--	--	--	--	--	--
Minturn (ME)	--	--	--	--	--	--	--	--	--	--	--
Swanton Electric Department	--	--	--	4,368	--	--	--	--	--	--	--
Higate Falls (VT)	--	--	--	4,368	--	--	--	--	--	--	--
System Energy Resources	--	--	--	--	854,200	--	--	--	--	--	--
Grand Gulf (MS)	--	--	--	--	854,200	--	--	--	--	--	--
SCANA Corporation	1,080,091	2,088	1,697	50,149	--	--	417	4	18	948	67
Burton (SC)	--	--	--	--	--	--	--	--	--	--	--
Canadys (SC)	107,520	85	1,401	--	--	--	46	*	15	169	3
Coit (SC)	--	--	--	--	--	--	--	--	--	--	8
Columbia Hydro (SC)	--	--	--	5,721	--	--	--	--	--	--	--
Faber Place (SC)	--	--	--	--	--	--	--	--	--	--	--
Fairfield County (SC)	--	--	--	-7,741	--	--	--	--	--	--	--
Hagood (SC)	--	--	--	--	--	--	--	--	--	--	--
Hardeeville (SC)	--	30	--	--	--	--	--	--	--	--	13
Mcmeekin (SC)	21,026	94	--	--	--	--	8	*	--	120	3
Neal Shoals (SC)	--	--	--	3,480	--	--	--	--	--	--	--
Parr (SC)	--	--	--	--	--	--	--	--	--	--	8
Parr Hydro (SC)	--	--	--	9,779	--	--	--	--	--	--	--
Saluda Hydro (SC)	--	--	--	28,101	--	--	--	--	--	--	--
Stevens Creek Hydro (GA)	--	--	--	10,809	--	--	--	--	--	--	--
Urquhart (SC)	147,069	15	296	--	--	--	58	*	3	93	1
V. C. Summer (SC)	--	--	--	--	--	--	--	--	--	--	--
Wateree (SC)	422,078	924	--	--	--	--	160	2	--	299	11
Williams (SC)	382,398	940	--	--	--	--	145	2	--	268	15
Tacoma Dept Of Pub Util (Light											
Div)	2,393	--	23	133,734	--	9,146	3	--	*	2	--
Alder (WA)	--	--	--	17,162	--	--	--	--	--	--	--
Cushman 1 (WA)	--	--	--	5,106	--	--	--	--	--	--	--
Cushman 2 (WA)	--	--	--	9,209	--	--	--	--	--	--	--
La Grande (WA)	--	--	--	27,876	--	--	--	--	--	--	--
Mayfield (WA)	--	--	--	40,206	--	--	--	--	--	--	--
Mossyrock (WA)	--	--	--	34,175	--	--	--	--	--	--	--
Steam Plant 2 (WA)	2,393	--	23	--	--	9,146	3	--	*	2	--
Tallahassee City Of	--	81	89,622	3,167	--	--	--	*	942	--	243
Hopkins, Arvah B (FL)	--	81	89,795	--	--	--	--	*	941	--	120
Jackson Bluff (FL)	--	--	--	3,167	--	--	--	--	--	--	--
Purdom, S O (FL)	--	--	-173	--	--	--	--	--	1	--	123
Tampa Electric Company	1,330,395	20,168	-38	--	--	--	566	40	--	1,711	139
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Big Bend (FL)	737,960	3,304	--	--	--	--	317	5	--	987	--
Gannon, F J (FL)	592,435	1,827	--	--	--	--	249	3	--	513	44
Hookers Point (FL)	--	12,583	--	--	--	--	--	28	--	210	4
S Dinner Lk (FL)	--	--	-38	--	--	--	--	--	--	--	81
S Phillips (FL)	--	2,454	--	--	--	--	--	4	--	--	1
Tapoco, Inc	--	--	--	--	--	--	--	--	--	--	9
Calderwood (TN)	--	--	--	--	--	--	--	--	--	--	--
Cheoah (NC)	--	--	--	--	--	--	--	--	--	--	--
Chilhowee (TN)	--	--	--	--	--	--	--	--	--	--	--
Santeetlah (NC)	--	--	--	--	--	--	--	--	--	--	--
Taunton Mun Lighting Plant	--	2,392	--	--	--	--	--	6	--	--	41
Cleary, B F (MA)	--	2,392	--	--	--	--	--	6	--	--	41
Tecumseh Utility Auth	--	12	32	--	--	--	--	*	*	--	*
Tecumseh (NE)	--	12	32	--	--	--	--	*	*	--	*
Tennessee Valley Authority	7,995,194	14,814	3,072	1,304,309	-15,005	--	3,265	26	29	6,718	500

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	412,114	959	1,531	--	--	--	166	2	14	255	116
Apalachia (TN)	--	--	--	8,049	--	--	--	--	--	--	--
Blue Ridge (GA)	--	--	--	5,923	--	--	--	--	--	--	--
Boone (TN)	--	--	--	22,904	--	--	--	--	--	--	--
Browns Ferry (AL)	--	--	--	--	-7,850	--	--	--	--	--	--
Bull Run (TN)	385,145	4,709	--	--	--	--	134	7	--	599	4
Chatuge (NC)	--	--	--	2,468	--	--	--	--	--	--	--
Cherokee (TN)	--	--	--	32,924	--	--	--	--	--	--	--
Chickamauga (TN)	--	--	--	75,550	--	--	--	--	--	--	--
Colbert (AL)	736,319	830	1,541	--	--	--	311	2	15	683	89
Cumberland (TN)	1,332,695	2,086	--	--	--	--	549	3	--	1,113	8
Douglas (TN)	--	--	--	41,898	--	--	--	--	--	--	--
Fontana (NC)	--	--	--	67,182	--	--	--	--	--	--	--
Fort Loudoun (TN)	--	--	--	69,091	--	--	--	--	--	--	--
Fort Patrick Henry (TN)	--	--	--	12,939	--	--	--	--	--	--	--
Gallatin (TN)	669,589	148	--	--	--	--	256	*	--	245	69
Great Falls (TN)	--	--	--	25,696	--	--	--	--	--	--	--
Guntersville (AL)	--	--	--	72,805	--	--	--	--	--	--	--
Hiwassee (NC)	--	--	--	8,389	--	--	--	--	--	--	--
Johnsonville (TN)	709,277	1,118	--	--	--	--	325	3	--	666	201
Kentucky (KY)	--	--	--	73,639	--	--	--	--	--	--	--
Kingston (TN)	675,634	1,168	--	--	--	--	266	2	--	763	4
Melton Hill (TN)	--	--	--	19,039	--	--	--	--	--	--	--
Nickajack (TN)	--	--	--	60,676	--	--	--	--	--	--	--
Norris (TN)	--	--	--	59,204	--	--	--	--	--	--	--
Nottely (GA)	--	--	--	2,286	--	--	--	--	--	--	--
Ocoee 1 (TN)	--	--	--	9,963	--	--	--	--	--	--	--
Ocoee 2 (TN)	--	--	--	11,991	--	--	--	--	--	--	--
Ocoee 3 (TN)	--	--	--	20,194	--	--	--	--	--	--	--
Paradise (KY)	1,061,631	2,154	--	--	--	--	432	3	--	1,052	5
Pickwick (TN)	--	--	--	141,436	--	--	--	--	--	--	--
Raccoon Mountain (TN)	--	--	--	-28,482	--	--	--	--	--	--	--
Sequoyah (TN)	--	--	--	--	-7,155	--	--	--	--	--	--
Sevier, John (TN)	482,622	57	--	--	--	--	178	*	--	386	1
Shawnee (KY)	842,520	869	--	--	--	--	348	1	--	526	1
South Holston (TN)	--	--	--	-64	--	--	--	--	--	--	--
Tims Ford (TN)	--	--	--	7,483	--	--	--	--	--	--	--
Watauga (TN)	--	--	--	24,408	--	--	--	--	--	--	--
Watts Bar (TN)	-158	--	--	--	--	--	--	--	--	--	--
Watts Bar (TN)	--	--	--	86,216	--	--	--	--	--	--	--
Wheeler (AL)	--	--	--	125,489	--	--	--	--	--	--	--
Widows Creek (AL)	687,806	716	--	--	--	--	299	1	--	431	2
Wilbur (TN)	--	--	--	4,427	--	--	--	--	--	--	--
Wilson (AL)	--	--	--	240,586	--	--	--	--	--	--	--
Texas Municipal Power Agency											
Gibbons Creek (TX)	209,369	271	4,188	--	--	--	249	1	44	97	10
Texas Utils Electric Co (TU)											
Big Brown (TX)	2,454,173	6,946	2,042,438	--	872,867	--	2,135	13	20,796	1,611	2,422
Big Brown (TX)	363,379	--	6,167	--	--	--	315	--	71	402	--
Collin (TX)	--	--	-201	--	--	--	--	--	--	--	65
Comanche Peak (TX)	--	--	--	--	872,867	--	--	--	--	--	--
Dallas (TX)	--	--	-344	--	--	--	--	--	*	--	44
De Cordova (TX)	--	--	78,990	--	--	--	--	--	858	--	195
Eagle Mountain (TX)	--	--	11,113	--	--	--	--	--	131	--	71
Graham (TX)	--	--	139,127	--	--	--	--	--	1,279	--	58
Handley (TX)	--	--	210,755	--	--	--	--	--	2,332	--	252
Lake Creek (TX)	--	3	6,265	--	--	--	--	*	124	--	117
Lake Hubbard (TX)	--	--	308,210	--	--	--	--	--	3,160	--	216
Martin Lake (TX)	1,257,035	1,789	--	--	--	--	1,045	3	--	601	81
Monticello (TX)	591,680	3,779	--	--	--	--	553	7	--	374	32
Morgan Creek (TX)	--	--	141,852	--	--	--	--	--	1,544	--	250
Mountain Creek (TX)	--	--	14,397	--	--	--	--	--	172	--	148
North Lake (TX)	--	--	204,464	--	--	--	--	--	2,107	--	167
North Main (TX)	--	--	-158	--	--	--	--	--	--	--	14
Parkdale (TX)	--	--	16,262	--	--	--	--	--	210	--	50
Permian Basin (TX)	--	--	198,343	--	--	--	--	--	1,802	--	234

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	-120	--	--	--	--	--	--	--	31
Sandow (TX)	242,079	1,371	--	--	--	--	223	3	--	234	--
Stryker Creek (TX)	--	4	196,072	--	--	--	--	*	1,923	--	76
Tradinghouse Creek (TX)	--	--	444,962	--	--	--	--	--	4,311	--	181
Trinidad (TX)	--	--	-302	--	--	--	--	*	--	--	35
Valley (TX)	--	--	66,584	--	--	--	--	--	774	--	103
Texas-New Mexico Power Co	165,582	--	5,888	--	--	--	132	--	60	72	--
Lordsburg (NM)	--	--	--	--	--	--	--	--	--	--	--
TNP One (TX)	165,582	--	5,888	--	--	--	132	--	60	72	--
Thief River Falls Wtr & Lt Dept	--	--	--	201	--	--	--	--	--	--	*
Thief River Falls (MN)	--	--	--	201	--	--	--	--	--	--	*
Thumb Elec Coop Of Michigan	--	--	--	--	--	--	--	--	--	--	1
Caro (MI)	--	--	--	--	--	--	--	--	--	--	*
Ubyly (MI)	--	--	--	--	--	--	--	--	--	--	*
Tipton Mun Utilities	--	6	--	--	--	--	--	*	--	--	*
Tipton (IA)	--	6	--	--	--	--	--	*	--	--	*
Toledo Edison Company	379,520	309	109	--	496	--	141	1	2	189	6
Acme (OH)	19,153	234	109	--	--	--	10	1	2	25	*
Bay Shore (OH)	360,367	75	--	--	--	--	131	*	--	164	2
Davis-Besse (OH)	--	--	--	--	496	--	--	--	--	--	--
Richland (OH)	--	--	--	--	--	--	--	*	*	--	2
Stryker (OH)	--	--	--	--	--	--	--	--	--	--	1
Traer Municipal Utilities	--	--	3	--	--	--	--	--	*	--	*
Traer (IA)	--	--	3	--	--	--	--	--	*	--	*
Traverse City Of	2,444	--	--	1,359	--	--	1	--	--	19	--
Bayside (MI)	2,444	--	--	--	--	--	1	--	--	19	--
Boardman (MI)	--	--	--	554	--	--	--	--	--	--	--
Brown Bridge (MI)	--	--	--	265	--	--	--	--	--	--	--
Elk Rapids (MI)	--	--	--	244	--	--	--	--	--	--	--
Sabin (MI)	--	--	--	296	--	--	--	--	--	--	--
Trenton Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Trenton (NE)	--	--	--	--	--	--	--	--	--	--	--
Trenton Municipal Utilities	--	--	--	--	--	--	--	--	--	--	2
Trenton (MO)	--	--	--	--	--	--	--	--	--	--	*
Trenton PKG (MO)	--	--	--	--	--	--	--	--	--	--	1
Tri State Gen & Trans Assn, Inc	674,646	107	1,677	--	--	--	349	*	16	969	18
Burlington (CO)	--	--	--	--	--	--	--	--	--	--	14
Craig (CO)	612,664	--	1,677	--	--	--	307	--	16	960	4
Nucla (CO)	61,982	107	--	--	--	--	42	*	--	9	1
Ouray (CO)	--	--	--	--	--	--	--	--	--	--	--
Trinidad Mun Pwr & Lt Dept	1,032	1	1	--	--	--	1	*	*	1	1
Trinidad (CO)	1,032	1	1	--	--	--	1	*	*	1	1
Truman Public Util Comm	--	--	--	--	--	--	--	--	--	--	*
Truman (MN)	--	--	--	--	--	--	--	--	--	--	*
Tucson Electric Power Company	458,963	914	14,244	--	--	--	258	2	178	323	20
De Moss Petrie (AZ)	--	--	-15	--	--	--	--	--	--	--	4
Irvington (AZ)	--	--	14,310	--	--	--	--	--	177	35	5
North Loop (AZ)	--	--	-51	--	--	--	--	--	*	--	7
Springerville (AZ)	458,963	914	--	--	--	--	258	2	--	287	4
Tulia Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Tulia (TX)	--	--	--	--	--	--	--	--	--	--	--
Turlock Irrigation Dist	--	--	-33	55,353	--	--	--	--	--	--	3

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Turlock Irrigation Dist											
Hickman (CA)	--	--	--	435	--	--	--	--	--	--	--
Lagrange (CA)	--	--	--	3,431	--	--	--	--	--	--	--
New Don Pedro (CA)	--	--	--	49,362	--	--	--	--	--	--	--
Turlock Lake (CA)	--	--	--	966	--	--	--	--	--	--	--
Uppr Dawson (CA)	--	--	--	1,159	--	--	--	--	--	--	--
Walnut (CA)	--	--	-33	--	--	--	--	--	--	--	3
Two Harbors Wtr & Lt Dept	--	--	--	--	--	--	--	--	--	--	--
Two Harbors (MN)	--	--	--	--	--	--	--	--	--	--	--
Unalakleet Village Elec Assoc	--	298	--	--	--	--	--	1	--	--	2
Unalakleet (AK)	--	--	--	--	--	--	--	--	--	--	--
Unalakleet (AK)	--	298	--	--	--	--	--	1	--	--	2
Union City Village Of	--	--	--	239	--	--	--	--	--	--	--
Riley (MI)	--	--	--	239	--	--	--	--	--	--	--
Union City (MI)	--	--	--	--	--	--	--	--	--	--	--
Union Electric Company	1,680,179	5,467	717	132,530	773,845	--	813	10	40	2,439	81
Callaway (MO)	--	--	--	--	773,845	--	--	--	--	--	--
Canton (MO)	--	-24	--	--	--	--	--	--	--	--	--
Howard Bend (MO)	--	29	--	--	--	--	--	--	--	--	4
Jefferson City (MO)	--	34	--	--	--	--	--	--	--	--	6
Keokuk (IA)	--	--	--	40,887	--	--	--	--	--	--	--
Kirksville (MO)	--	--	15	--	--	--	--	--	--	--	--
Labadie (MO)	755,779	4,904	--	--	--	--	393	9	--	1,119	13
Meramec (MO)	104,921	67	723	--	--	--	48	--	8	153	5
Mexico (MO)	--	120	--	--	--	--	--	--	--	--	5
Moberly (MO)	--	-32	--	--	--	--	--	--	--	--	5
Moreau (MO)	--	25	--	--	--	--	--	--	--	--	5
Osage (MO)	--	--	--	92,665	--	--	--	--	--	--	--
Portable (MO)	--	--	--	--	--	--	--	--	--	--	--
Rush Island (MO)	574,328	48	--	--	--	--	262	--	--	567	3
Sioux (MO)	245,151	329	--	--	--	--	110	1	--	600	1
Taum Sauk (MO)	--	--	--	-1,022	--	--	--	--	--	--	--
Venice No. 2 (IL)	--	-33	-42	--	--	--	--	--	31	--	34
Viaduct (MO)	--	--	21	--	--	--	--	--	1	--	--
Unionville City Of	--	-11	--	--	--	--	--	--	--	--	--
Unionville (MO)	--	-11	--	--	--	--	--	--	--	--	--
United Gas Imp Co	28,331	242	--	--	--	--	19	1	--	44	--
Hunlock Creek (PA)	28,331	242	--	--	--	--	19	1	--	44	--
United Illuminating Company,											
Tne	104,003	156,071	--	--	--	--	41	245	--	176	688
Bridgeport Harbor (CT)	104,003	25,859	--	--	--	--	41	42	--	176	236
English (CT)	--	--	--	--	--	--	--	--	--	--	--
New Haven Harbor (CT)	--	130,212	--	--	--	--	--	203	--	--	451
United Power Association	99,446	241	371	--	--	12,062	95	1	7	128	7
Cambridge (MN)	--	49	--	--	--	--	--	--	--	--	1
Elk River (MN)	--	--	371	--	--	12,062	--	--	7	--	1
Maple Lake (MN)	--	39	--	--	--	--	--	--	--	--	2
Rock Lake (MN)	--	48	--	--	--	--	--	--	--	--	2
Stanton (ND)	99,446	105	--	--	--	--	95	--	--	128	1
Upper Peninsula Power Co	9,108	37	--	17,840	--	--	5	--	--	16	9
AuTrain (MI)	--	--	--	524	--	--	--	--	--	--	--
Cataract (MI)	--	--	--	787	--	--	--	--	--	--	--
Esanaba (MI)	--	--	--	--	--	--	--	--	--	--	--
Gladstone (MI)	--	50	--	--	--	--	--	--	--	--	2
Hoist (MI)	--	--	--	1,629	--	--	--	--	--	--	--
McClure (MI)	--	--	--	5,292	--	--	--	--	--	--	--
Portage (MI)	--	-13	--	--	--	--	--	--	--	--	7
Prickett (MI)	--	--	--	1,421	--	--	--	--	--	--	--
Victoria (MI)	--	--	--	8,187	--	--	--	--	--	--	--
Warden, John H (MI)	9,108	--	--	--	--	--	5	--	--	16	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	182,412	-102	384	--	--	--	88	*	6	172	81
Green, Ralph (MO)	--	--	414	--	--	--	--	--	6	--	--
Greenwood (MO)	--	-120	--	--	--	--	--	*	--	--	77
Kci (MO)	--	--	-30	--	--	--	--	--	--	--	--
Nevada (MO)	--	-9	--	--	--	--	--	*	--	--	5
Sibley (MO)	182,412	27	--	--	--	--	88	*	--	172	*
USBIA San Carlos Proj	--	--	--	--	--	--	--	--	--	--	--
Coolidge (AZ)	--	--	--	--	--	--	--	--	--	--	--
USBIA Wapato Irrigation Project	--	--	--	--	--	--	--	--	--	--	--
Drop 2 (WA)	--	--	--	--	--	--	--	--	--	--	--
Drop 3 (WA)	--	--	--	--	--	--	--	--	--	--	--
USBR - Great Plains Reg	--	--	--	123,297	--	--	--	--	--	--	--
Alcova (WY)	--	--	--	3,592	--	--	--	--	--	--	--
Big Thompson (CO)	--	--	--	-10	--	--	--	--	--	--	--
Boysen (WY)	--	--	--	2,500	--	--	--	--	--	--	--
Buffalo Bill (WY)	--	--	--	614	--	--	--	--	--	--	--
Canyon Ferry (MT)	--	--	--	23,283	--	--	--	--	--	--	--
Estes (CO)	--	--	--	1,900	--	--	--	--	--	--	--
Flatiron (CO)	--	--	--	3,804	--	--	--	--	--	--	--
Fremont Canyon (WY)	--	--	--	12,901	--	--	--	--	--	--	--
Glendo (WY)	--	--	--	2,199	--	--	--	--	--	--	--
Green Mountain (CO)	--	--	--	3,098	--	--	--	--	--	--	--
Guernsey (WY)	--	--	--	-31	--	--	--	--	--	--	--
Heart Mtn (WY)	--	--	--	251	--	--	--	--	--	--	--
Kortes (WY)	--	--	--	4,845	--	--	--	--	--	--	--
Marys Lake (CO)	--	--	--	891	--	--	--	--	--	--	--
Mount Elbert (CO)	--	--	--	12,598	--	--	--	--	--	--	--
Pilot Butte (WY)	--	--	--	-5	--	--	--	--	--	--	--
Pole Hill (CO)	--	--	--	3,777	--	--	--	--	--	--	--
Seminole (WY)	--	--	--	3,443	--	--	--	--	--	--	--
Shoshone (WY)	--	--	--	1,542	--	--	--	--	--	--	--
Yellowtail (MT)	--	--	--	42,115	--	--	--	--	--	--	--
USBR - Lower Colorado Reg	--	--	--	524,592	--	--	--	--	--	--	--
Davis (AZ)	--	--	--	110,905	--	--	--	--	--	--	--
Hoover (NV)	--	--	--	211,786	--	--	--	--	--	--	--
Hoover Dam (AZ)	--	--	--	157,078	--	--	--	--	--	--	--
Parker (CA)	--	--	--	44,813	--	--	--	--	--	--	--
USBR - Mid Pacific Region	--	--	--	318,803	--	--	--	--	--	--	--
Folsom (CA)	--	--	--	57,604	--	--	--	--	--	--	--
Judge F Carr (CA)	--	--	--	-48	--	--	--	--	--	--	--
Keswick (CA)	--	--	--	30,438	--	--	--	--	--	--	--
Lewiston (CA)	--	--	--	259	--	--	--	--	--	--	--
New Melones (CA)	--	--	--	25,155	--	--	--	--	--	--	--
Nimbus (CA)	--	--	--	5,866	--	--	--	--	--	--	--
Oneill (CA)	--	--	--	504	--	--	--	--	--	--	--
Shasta (CA)	--	--	--	158,167	--	--	--	--	--	--	--
Spring Creek (CA)	--	--	--	11,542	--	--	--	--	--	--	--
Stampede (CA)	--	--	--	360	--	--	--	--	--	--	--
Trinity (CA)	--	--	--	28,956	--	--	--	--	--	--	--
USBR - Pacific NW Region	--	--	--	871,254	--	--	--	--	--	--	--
Anderson Ranch (ID)	--	--	--	1,810	--	--	--	--	--	--	--
Black Canyon (ID)	--	--	--	6,687	--	--	--	--	--	--	--
Boise River Div (ID)	--	--	--	--	--	--	--	--	--	--	--
Chandler (WA)	--	--	--	6,493	--	--	--	--	--	--	--
Grand Coulee (WA)	--	--	--	832,375	--	--	--	--	--	--	--
Green Springs (OR)	--	--	--	5,000	--	--	--	--	--	--	--
Hungry Horse (MT)	--	--	--	-272	--	--	--	--	--	--	--
Minidoka (ID)	--	--	--	1,924	--	--	--	--	--	--	--
Palisades (ID)	--	--	--	10,529	--	--	--	--	--	--	--
Roza (WA)	--	--	--	6,708	--	--	--	--	--	--	--
USBR - Upper Colorado Reg	--	--	--	416,141	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	34,986	--	--	--	--	--	--	--
Crystal (CO)	--	--	--	21,203	--	--	--	--	--	--	--
Deer Creek (UT)	--	--	--	1,742	--	--	--	--	--	--	--
Elephant Butte (NM)	--	--	--	22,059	--	--	--	--	--	--	--
Flaming Gorge (UT)	--	--	--	21,312	--	--	--	--	--	--	--
Fontenelle (WY)	--	--	--	4,227	--	--	--	--	--	--	--
Glen Canyon (AZ)	--	--	--	257,769	--	--	--	--	--	--	--
Lower Molina (CO)	--	--	--	827	--	--	--	--	--	--	--
Morrow Point (CO)	--	--	--	50,584	--	--	--	--	--	--	--
Upper Molina (CO)	--	--	--	1,432	--	--	--	--	--	--	--
USBR Rio Grande-Falcon Project	--	--	--	38,396	--	--	--	--	--	--	--
Amistad (TX)	--	--	--	15,044	--	--	--	--	--	--	--
Falcon (TX)	--	--	--	23,352	--	--	--	--	--	--	--
USCE - Blakely Mtn	--	--	--	22,481	--	--	--	--	--	--	--
Blakely Mountain (AR)	--	--	--	13,782	--	--	--	--	--	--	--
Degray (AR)	--	--	--	5,819	--	--	--	--	--	--	--
Narrows (AR)	--	--	--	2,880	--	--	--	--	--	--	--
USCE - Fort Worth District	--	--	--	38,551	--	--	--	--	--	--	--
R. D. Willis (TX)	--	--	--	1,062	--	--	--	--	--	--	--
Rayburn, Sam (TX)	--	--	--	31,989	--	--	--	--	--	--	--
Whitney (TX)	--	--	--	5,500	--	--	--	--	--	--	--
USCE - Hartwell Power Plant	--	--	--	78,234	--	--	--	--	--	--	--
Hartwell Lake (GA)	--	--	--	78,234	--	--	--	--	--	--	--
USCE - J Strom Thur Power Plant	--	--	--	120,308	--	--	--	--	--	--	--
J Strom Thur (SC)	--	--	--	120,308	--	--	--	--	--	--	--
USCE - Kansas City Dist	--	--	--	50,664	--	8	--	--	--	--	--
Harry Truman (MO)	--	--	--	43,736	--	--	--	--	--	--	--
Stockton (MO)	--	--	--	6,928	--	--	--	--	--	--	--
Wilson (KS)	--	--	--	--	--	8	--	--	--	--	--
USCE - Little Rock	--	--	--	489,666	--	--	--	--	--	--	--
Beaver (AR)	--	--	--	32,896	--	--	--	--	--	--	--
Bull Shoals (AR)	--	--	--	161,871	--	--	--	--	--	--	--
Dardanelle (AR)	--	--	--	84,623	--	--	--	--	--	--	--
Greers Ferry Lake (AR)	--	--	--	27,064	--	--	--	--	--	--	--
Norfolk (AR)	--	--	--	29,229	--	--	--	--	--	--	--
Ozark (AR)	--	--	--	36,661	--	--	--	--	--	--	--
Table Rock (MO)	--	--	--	117,322	--	--	--	--	--	--	--
USCE - Mobile District	--	--	--	228,399	--	--	--	--	--	--	--
Allatoona (GA)	--	--	--	16,603	--	--	--	--	--	--	--
Buford (GA)	--	--	--	32,155	--	--	--	--	--	--	--
Carters (GA)	--	--	--	22,853	--	--	--	--	--	--	--
George, Walter F (GA)	--	--	--	55,841	--	--	--	--	--	--	--
Jones Bluff (AL)	--	--	--	24,723	--	--	--	--	--	--	--
Millers Ferry (AL)	--	--	--	31,844	--	--	--	--	--	--	--
West Point (GA)	--	--	--	26,121	--	--	--	--	--	--	--
Woodruff, J (FL)	--	--	--	18,259	--	--	--	--	--	--	--
USCE - Nashville	--	--	--	444,308	--	--	--	--	--	--	--
Barkley (KY)	--	--	--	62,820	--	--	--	--	--	--	--
Center Hill (TN)	--	--	--	65,881	--	--	--	--	--	--	--
Cheatham (TN)	--	--	--	21,306	--	--	--	--	--	--	--
Cordell Hull (TN)	--	--	--	50,158	--	--	--	--	--	--	--
Dale Hollow (TN)	--	--	--	17,950	--	--	--	--	--	--	--
Laurel (KY)	--	--	--	6,807	--	--	--	--	--	--	--
Old Hickory (TN)	--	--	--	66,497	--	--	--	--	--	--	--
Priest, J P (TN)	--	--	--	2,768	--	--	--	--	--	--	--
Wolf Creek (KY)	--	--	--	150,121	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	--	--	--	4,480,439	--	--	--	--	--	--	--
Albeni Falls (ID)	--	--	--	16,741	--	--	--	--	--	--	--
Big Cliff (OR)	--	--	--	13,513	--	--	--	--	--	--	--
Bonneville (OR)	--	--	--	364,973	--	--	--	--	--	--	--
Chief Joseph (WA)	--	--	--	456,624	--	--	--	--	--	--	--
Cougar (OR)	--	--	--	18,869	--	--	--	--	--	--	--
Dalles (WA)	--	--	--	640,075	--	--	--	--	--	--	--
Day, John (OR)	--	--	--	764,425	--	--	--	--	--	--	--
Detroit (OR)	--	--	--	59,731	--	--	--	--	--	--	--
Dexter (OR)	--	--	--	10,996	--	--	--	--	--	--	--
Dworshak (ID)	--	--	--	168,298	--	--	--	--	--	--	--
Foster (OR)	--	--	--	13,662	--	--	--	--	--	--	--
Green Peter (OR)	--	--	--	27,723	--	--	--	--	--	--	--
Hills Creek (OR)	--	--	--	23,066	--	--	--	--	--	--	--
Ice Harbor (WA)	--	--	--	247,499	--	--	--	--	--	--	--
Libby (MT)	--	--	--	42,553	--	--	--	--	--	--	--
Little Goose (WA)	--	--	--	332,005	--	--	--	--	--	--	--
Lookout Point (OR)	--	--	--	54,852	--	--	--	--	--	--	--
Lost Creek (OR)	--	--	--	37,695	--	--	--	--	--	--	--
Lower Granite (WA)	--	--	--	350,169	--	--	--	--	--	--	--
Lower Monumental (WA)	--	--	--	351,733	--	--	--	--	--	--	--
McNary (OR)	--	--	--	485,237	--	--	--	--	--	--	--
USCE - Omaha District	--	--	--	294,337	--	--	--	--	--	--	--
Big Bend (SD)	--	--	--	19,383	--	--	--	--	--	--	--
Fort Peck (MT)	--	--	--	55,863	--	--	--	--	--	--	--
Fort Randall (SD)	--	--	--	51,813	--	--	--	--	--	--	--
Garrison (ND)	--	--	--	82,590	--	--	--	--	--	--	--
Gavins Point (NE)	--	--	--	30,916	--	--	--	--	--	--	--
Oahe (SD)	--	--	--	53,772	--	--	--	--	--	--	--
USCE - R B Russell Power Plant	--	--	--	72,480	--	--	--	--	--	--	--
R B Russell Proj (GA)	--	--	--	72,480	--	--	--	--	--	--	--
USCE - St Louis Dist	--	--	--	9,434	--	--	--	--	--	--	--
Clarence Canyon (MO)	--	--	--	9,434	--	--	--	--	--	--	--
USCE - St Marys Falls	--	--	--	12,728	--	--	--	--	--	--	--
Saint Marys Falls (MI)	--	--	--	12,728	--	--	--	--	--	--	--
USCE - Tulsa District	--	--	--	363,452	--	--	--	--	--	--	--
Broken Bow (OK)	--	--	--	21,901	--	--	--	--	--	--	--
Denison (TX)	--	--	--	57,388	--	--	--	--	--	--	--
Eufaula (OK)	--	--	--	51,598	--	--	--	--	--	--	--
Fort Gibson (OK)	--	--	--	35,860	--	--	--	--	--	--	--
Kerr, Robert S (OK)	--	--	--	88,830	--	--	--	--	--	--	--
Keystone (OK)	--	--	--	42,513	--	--	--	--	--	--	--
Tenkiller Ferry (OK)	--	--	--	29,917	--	--	--	--	--	--	--
Webbers Falls (OK)	--	--	--	35,445	--	--	--	--	--	--	--
USCE - Wilmington	--	--	--	170,255	--	--	--	--	--	--	--
Kerr, John H (VA)	--	--	--	164,330	--	--	--	--	--	--	--
Philpott Lake (VA)	--	--	--	5,925	--	--	--	--	--	--	--
Valley City Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Valley City (ND)	--	--	--	--	--	--	--	--	--	--	--
Vandalia Municipal Utilities	--	--	--	--	--	--	--	--	--	--	1
Vandalia (MO)	--	--	--	--	--	--	--	--	--	--	1
Vermillion City Of	--	--	--	--	--	--	--	--	--	--	--
Vermillion (SD)	--	--	--	--	--	--	--	--	--	--	--
Vermont Electric Cooperative	--	--	--	478	--	--	--	--	--	--	--
N Hartland (VT)	--	--	--	478	--	--	--	--	--	--	--
Vermont Marble Company	--	6	--	7,513	--	--	--	*	--	--	12
Beldens (VT)	--	--	--	3,652	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	174	--	--	--	--	--	--	--
Florence (VT)	--	6	--	--	--	--	--	*	--	--	12
Proctor (VT)	--	--	--	3,687	--	--	--	--	--	--	--
Vermont Yankee Nuclear Power Co	--	--	--	--	236,819	--	--	--	--	--	--
Vt. Yankee (VT)	--	--	--	--	236,819	--	--	--	--	--	--
Vero Beach Mun Pwr System	--	-15	13,519	--	--	--	--	--	182	--	68
Municipal Plant (FL)	--	-15	13,519	--	--	--	--	--	182	--	68
Villisca Mun Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Villisca (IA)	--	--	--	--	--	--	--	--	--	--	--
Vineland Electric Utility	--	144	--	--	--	--	--	*	--	7	28
Down, Howard (NJ)	--	88	--	--	--	--	--	*	--	7	19
West (NJ)	--	56	--	--	--	--	--	*	--	--	9
Vinton Municipal Lt Plant	--	8	39	--	--	--	--	*	1	--	*
Vinton (IA)	--	8	39	--	--	--	--	*	1	--	*
Viola Municipal Elec Utility	--	--	--	--	--	--	--	--	--	--	--
Viola (WI)	--	--	--	--	--	--	--	--	--	--	--
Virginia Electric & Power Co	1,797,122	25,134	146,255	130,207	1,293,279	1	694	41	1,317	2,179	2,200
* Central Storage *	--	--	--	--	--	--	--	--	--	--	971
Bath County (VA)	--	--	--	-46,601	--	--	--	--	--	--	--
Bremo Bluff (VA)	129,775	155	--	--	--	--	52	*	--	103	4
Chesapeake (VA)	335,186	1,024	--	--	--	--	127	2	--	230	31
Chesterfield (VA)	388,810	2,272	145,997	--	--	--	142	4	1,315	581	120
Cushaw (VA)	--	--	--	3,882	--	--	--	--	--	--	--
Darbytown (VA)	--	117	--	--	--	--	--	*	--	--	89
Gaston (NC)	--	--	--	109,266	--	--	--	--	--	--	--
Gravel Neck (VA)	--	719	5	--	--	--	--	2	*	--	115
Kitty Hawk (NC)	--	13	--	--	--	--	--	*	--	--	22
Low Moor (VA)	--	--	--	--	--	--	--	--	--	--	25
Mt Storm (WV)	623,083	338	--	--	--	--	248	1	--	999	42
North Anna (VA)	--	--	--	487	729,370	1	--	--	--	--	--
Northern Neck (VA)	--	3	--	--	--	--	--	*	--	--	21
Possum Point (VA)	202,943	112	--	--	--	--	80	*	--	137	608
Roanoke Rapids (NC)	--	--	--	63,173	--	--	--	--	--	--	--
Surry (VA)	--	--	--	--	563,909	--	--	--	--	--	--
Yorktown (VA)	117,325	20,381	253	--	--	--	45	32	2	129	151
Virginia Pub Utils Comm	4,277	--	227	--	--	--	3	--	3	--	--
Virginia (MN)	4,277	--	227	--	--	--	3	--	3	--	--
Wahoo Municipal Light Plant	--	-35	--	--	--	--	--	*	*	--	*
Wahoo (NE)	--	-35	--	--	--	--	--	*	*	--	*
Wallingford City Of	--	--	--	--	--	--	--	--	--	--	4
Pierce (CT)	--	--	--	--	--	--	--	--	--	--	4
Wamego City Of	--	--	--	--	--	--	--	*	*	--	1
Wamego (KS)	--	--	--	--	--	--	--	*	*	--	1
Warren City Of	--	--	--	--	--	--	--	--	--	--	--
Warren (MN)	--	--	--	--	--	--	--	--	--	--	--
Washington City Of	--	--	--	--	--	--	--	*	*	--	*
Washington (KS)	--	--	--	--	--	--	--	*	*	--	*
Washington Electric Cooperative	--	--	--	536	--	--	--	--	--	--	--
Wrightsville (VT)	--	--	--	536	--	--	--	--	--	--	--
Washington Island Elec Coop	--	--	--	--	--	--	--	--	--	--	1
Washington Island (WI)	--	--	--	--	--	--	--	--	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
Washington Public Power Supply											
Sys	--	--	--	5,768	747,577	--	--	--	--	--	--
Packwood (WA)	--	--	--	5,768	--	--	--	--	--	--	--
WNP-2 (WA)	--	--	--	--	747,577	--	--	--	--	--	--
Washington Wtr Pwr Co, The	--	--	45	312,001	--	23,405	--	--	*	--	--
Cabinet Gorge (ID)	--	--	--	81,668	--	--	--	--	--	--	--
Kettle Fls (WA)	--	--	45	--	--	23,405	--	--	*	--	--
Little Falls (WA)	--	--	--	22,724	--	--	--	--	--	--	--
Long Lake (WA)	--	--	--	48,504	--	--	--	--	--	--	--
Meyers Falls (WA)	--	--	--	874	--	--	--	--	--	--	--
Monroe Street (WA)	--	--	--	9,791	--	--	--	--	--	--	--
Nine Mile (WA)	--	--	--	12,112	--	--	--	--	--	--	--
Northeast (WA)	--	--	--	--	--	--	--	--	--	--	--
Noxon Rapids (MT)	--	--	--	120,655	--	--	--	--	--	--	--
Post Falls (ID)	--	--	--	9,352	--	--	--	--	--	--	--
Upper Falls (WA)	--	--	--	6,321	--	--	--	--	--	--	--
Waterloo City Light & Power	--	1	6	--	--	--	--	*	*	--	1
Waterloo (IL)	--	1	6	--	--	--	--	*	*	--	1
Watertown City Of	--	--	--	2,143	--	--	--	--	--	--	--
Watertown (NY)	--	--	--	2,143	--	--	--	--	--	--	--
Wauchula City Of	--	--	--	--	--	--	--	--	--	--	2
Wauchula (FL)	--	--	--	--	--	--	--	--	--	--	2
Waverly City Of	--	100	32	173	--	--	--	*	*	--	*
East Hydro (IA)	--	--	--	173	--	--	--	--	--	--	--
East Plant (IA)	--	--	--	--	--	--	--	--	--	--	--
North Plant (IA)	--	100	32	--	--	--	--	*	*	--	*
Wayne City Of	--	31	--	--	--	--	--	*	--	--	*
Wayne (NE)	--	31	--	--	--	--	--	*	--	--	*
Weatherford City Of	--	--	--	--	--	--	--	--	--	--	--
Weatherford (TX)	--	--	--	--	--	--	--	--	--	--	--
Weber Basin Water Conservancy											
Dist	--	--	--	3,395	--	--	--	--	--	--	--
Gateway (UT)	--	--	--	2,443	--	--	--	--	--	--	--
Wanship (UT)	--	--	--	952	--	--	--	--	--	--	--
Webster City Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Webster City (IA)	--	--	--	--	--	--	--	--	--	--	--
Wellington City Of	--	--	92	--	--	--	--	--	1	--	3
Wellington (KS)	--	--	--	--	--	--	--	--	--	--	2
Wellington (KS)	--	--	92	--	--	--	--	--	1	--	1
Wells Electric Association	--	2	--	--	--	--	--	*	--	--	*
Wells (MN)	--	2	--	--	--	--	--	*	--	--	*
West Bend Mun Power Plant	--	--	15	--	--	--	--	*	*	--	*
West Bend (IA)	--	--	15	--	--	--	--	*	*	--	*
West Liberty Municipal Elec Util ..	--	--	--	--	--	--	--	--	--	--	1
West Liberty (IA)	--	--	--	--	--	--	--	--	--	--	1
West Penn Power Co (APS)	1,026,599	722	956	24,086	--	--	395	1	9	1,219	74
Armstrong (PA)	162,873	413	--	--	--	--	67	1	--	186	*
Hatfields Ferry (PA)	805,699	309	--	--	--	--	305	1	--	928	5
Lake Lynn (WV)	--	--	--	24,086	--	--	--	--	--	--	--
Mitchell (PA)	58,027	--	956	--	--	--	23	--	9	105	68
Springdale (PA)	--	--	--	--	--	--	--	--	--	--	--
West Point Light & Water Works	--	1	--	--	--	--	--	*	--	--	*
West Point (NE)	--	1	--	--	--	--	--	*	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)
West Texas Utilities Co (CSW)	280,535	1,284	339,405	--	--	--	175	2	3,520	435	290
Abilene (TX)	--	--	--	--	--	--	--	--	--	--	4
Fort Phantom (TX)	--	--	153,571	--	--	--	--	--	1,548	--	101
Ft Stockton (TX)	--	--	--	--	--	--	--	--	--	--	--
Lake Pauline (TX)	--	--	--	--	--	--	--	--	--	--	18
Oak Creek (TX)	--	--	35,733	--	--	--	--	--	358	--	28
Oklahoma (TX)	280,535	1,284	--	--	--	--	175	2	--	435	5
Paint Creek (TX)	--	--	12,682	--	--	--	--	--	138	--	80
Presidio (TX)	--	--	--	--	--	--	--	--	--	--	1
Rio Pecos (TX)	--	--	80,435	--	--	--	--	--	921	--	24
San Angelo (TX)	--	--	56,984	--	--	--	--	--	555	--	28
Vernon (TX)	--	--	--	--	--	--	--	--	--	--	1
Westbrook Mun Lt & Pwr Plant ...	--	--	--	--	--	--	--	--	--	--	--
Westbrook (MN)	--	--	--	--	--	--	--	--	--	--	--
Western Farmers Elec Coop	172,189	397	99,683	--	--	--	109	1	892	286	34
Anadarko (OK)	--	--	75,110	--	--	--	--	--	671	--	33
Hugo (OK)	172,189	397	--	--	--	--	109	1	--	286	1
Mooreland (OK)	--	--	24,573	--	--	--	--	--	221	--	--
Western Mass Electric Co (NU) ...	--	-22	1,903	6,896	--	--	--	*	35	--	151
Cabot (MA)	--	--	--	26,363	--	--	--	--	--	--	--
Cobble Mountain (MA)	--	--	--	8,107	--	--	--	--	--	--	--
Doreen (MA)	--	-16	--	--	--	--	--	--	--	--	1
Dwight (MA)	--	--	--	78	--	--	--	--	--	--	--
Gardners Falls (MA)	--	--	--	1,515	--	--	--	--	--	--	--
Indian Orchard (MA)	--	--	--	1,704	--	--	--	--	--	--	--
Northfield Mountain (MA)	--	--	--	-40,506	--	--	--	--	--	--	--
Putts Bridge (MA)	--	--	--	2,918	--	--	--	--	--	--	--
Red Bridge (MA)	--	--	--	3,081	--	--	--	--	--	--	--
Silver Lake (MA)	--	--	--	--	--	--	--	--	--	--	--
Turners Falls (MA)	--	--	--	3,636	--	--	--	--	--	--	--
West Springfield (MA)	--	6	1,903	--	--	--	--	*	35	--	149
Woodland Road (MA)	--	-12	--	--	--	--	--	--	--	--	1
Western Resources, Inc	1,262,669	833	4,143	--	--	--	845	2	65	1,259	165
Abilene (KS)	--	--	-45	--	--	--	--	--	--	--	16
Hutchinson (KS)	--	--	739	--	--	--	--	--	20	--	101
Jeffrey (KS)	1,135,377	833	--	--	--	--	768	2	--	744	39
Lawrence (KS)	61,507	--	1,639	--	--	--	40	--	23	387	3
Neosho (KS)	--	--	--	--	--	--	--	--	--	--	--
Tecumseh (KS)	65,785	--	1,810	--	--	--	37	--	22	128	7
WestPlains Energy	23,853	51	3,833	--	--	--	15	*	107	6	83
Cimarron River (KS)	--	--	-777	--	--	--	--	--	16	--	--
Clark, W N (CO)	23,853	--	--	--	--	--	15	--	--	6	--
Clifton (KS)	--	1	--	--	--	--	--	*	--	--	6
Judson Large (KS)	--	--	-374	--	--	--	--	--	1	--	43
Mullergren, Arthur (KS)	--	--	-200	--	--	--	--	--	*	--	22
Pueblo (CO)	--	66	5,184	--	--	--	--	*	90	--	5
Rocky Ford (CO)	--	-16	--	--	--	--	--	--	--	--	7
Whitesboro Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Whitesboro (TX)	--	--	--	--	--	--	--	--	--	--	--
Whittemore Mun Lt & Pwr Co	--	--	--	--	--	--	--	--	--	--	--
Whittemore (IA)	--	--	--	--	--	--	--	--	--	--	--
Wilber City Of	--	--	--	--	--	--	--	--	--	--	--
Wilber (NE)	--	--	--	--	--	--	--	--	--	--	--
Willmar Municipal Util Comm	46	--	--	--	--	--	*	--	--	6	--
Willmar (MN)	46	--	--	--	--	--	*	--	--	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, April 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 ..	--	675	114	--	--	--	--	2	3	--	15
Winfield (KS)	--	--	--	--	--	--	--	--	--	--	9
Winfield (KS)	--	675	114	--	--	--	--	2	3	--	6
Winnetka, Village Of	--	--	--	--	--	--	--	--	--	*	2
Winnetka (IL)	--	--	--	--	--	--	--	--	--	*	2
Winterset City Of	--	9	26	--	--	--	--	*	*	--	1
Winterset (IA)	--	9	26	--	--	--	--	*	*	--	1
Wisconsin Electric Power Co	1,321,454	6,018	13,606	42,858	351,569	--	725	11	159	1,558	40
* Central Storage *	--	--	--	--	--	--	--	--	--	--	3
Appleton (WI)	--	--	--	1,185	--	--	--	--	--	--	--
Big Quinnesec 61 (MI)	--	--	--	--	--	--	--	--	--	--	--
Big Quinnesec 92 (MI)	--	--	--	8,739	--	--	--	--	--	--	--
Brule (MI)	--	--	--	1,986	--	--	--	--	--	--	--
Chalk Hill (MI)	--	--	--	4,355	--	--	--	--	--	--	--
Germantown (WI)	--	471	--	--	--	--	--	1	--	--	12
Hemlock Falls (MI)	--	--	--	-18	--	--	--	--	--	--	--
Kingsford (MI)	--	--	--	3,575	--	--	--	--	--	--	--
Lower Paint (MI)	--	--	--	61	--	--	--	--	--	--	--
Michigamme Falls (MI)	--	--	--	4,079	--	--	--	--	--	--	--
Oconto Falls (WI)	--	--	--	940	--	--	--	--	--	--	--
Peavy Falls (MI)	--	--	--	6,798	--	--	--	--	--	--	--
Pine (WI)	--	--	--	2,785	--	--	--	--	--	--	--
Pleasant Prairie (WI)	695,371	19	2,505	--	--	--	439	*	27	861	7
Point Beach (WI)	--	87	--	--	351,569	--	--	*	--	--	3
Port Washington (WI)	5,980	-31	227	--	--	--	4	*	3	77	3
Presque Isle (MI)	215,093	433	--	--	--	--	114	1	--	368	5
South Oak Creek (WI)	352,570	5,037	10,388	--	--	--	140	8	121	179	5
Sturgeon (MI)	--	--	--	414	--	--	--	--	--	--	--
Twin Falls (MI)	--	--	--	3,614	--	--	--	--	--	--	--
Valley (WI)	52,440	2	486	--	--	--	29	*	7	72	*
Way (MI)	--	--	--	-12	--	--	--	--	--	--	--
Weyauwega (WI)	--	--	--	103	--	--	--	--	--	--	--
White Rapids (MI)	--	--	--	4,254	--	--	--	--	--	--	--
Wisconsin Power & Light Co	987,951	455	272	26,719	--	186	578	1	6	889	13
Blackhawk (WI)	--	--	1	92	--	--	--	--	1	--	--
Columbia (WI)	438,759	44	--	--	--	--	274	*	--	495	4
Dewey, Nelson (WI)	73,985	163	--	--	--	--	42	*	--	141	*
Edgewater (WI)	423,968	170	--	--	--	--	235	*	--	211	3
Janesville (WI)	--	--	--	98	--	--	--	--	--	--	--
Kilbourn (WI)	--	--	--	5,833	--	--	--	--	--	--	--
Portable (WI)	--	--	--	--	--	--	--	--	--	--	--
Prairie Du Sac (WI)	--	--	--	20,273	--	--	--	--	--	--	--
Rock River (WI)	51,239	76	206	--	--	186	27	*	4	41	2
Shawano (WI)	--	--	--	423	--	--	--	--	--	--	--
Sheepskin (WI)	--	2	65	--	--	--	--	*	1	--	4
Wisconsin Public Service Corp	403,841	377	2,252	37,780	117,958	--	249	1	29	210	30
Alexander (WI)	--	--	--	2,657	--	--	--	--	--	--	--
Caldron Falls (WI)	--	--	--	3,305	--	--	--	--	--	--	--
Eagle River (WI)	--	--	--	--	--	--	--	--	--	--	1
Grand Rapids (MI)	--	--	--	4,887	--	--	--	--	--	--	--
Grandfather Falls (WI)	--	--	--	10,777	--	--	--	--	--	--	--
Hat Rapids (WI)	--	--	--	785	--	--	--	--	--	--	--
High Falls (WI)	--	--	--	3,441	--	--	--	--	--	--	--
Jersey (WI)	--	--	--	60	--	--	--	--	--	--	--
Johnson Falls (WI)	--	--	--	2,194	--	--	--	--	--	--	--
Kewaunee (WI)	--	--	--	--	--	--	--	--	--	--	--
Kewaunee (WI)	--	--	--	--	117,958	--	--	--	--	--	--
Merrill (WI)	--	--	--	1,080	--	--	--	--	--	--	--
Otter Rapids (WI)	--	--	--	152	--	--	--	--	--	--	--
Peshigo (WI)	--	--	--	371	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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)	--	--	--	634	--	--	--	--	--	--	--
Pulliam (WI)	143,554	--	1,481	--	--	--	88	--	20	91	1
Sandstone Rapids (WI)	--	--	--	2,289	--	--	--	--	--	--	--
Tomahawk (WI)	--	--	--	1,224	--	--	--	--	--	--	--
Wausau (WI)	--	--	--	3,924	--	--	--	--	--	--	--
West Marinette (WI)	--	--	165	--	--	--	--	--	2	--	11
Weston (WI)	260,287	377	606	--	--	--	162	1	7	118	17
Wisconsin River Power Company	--	--	--	26,940	--	--	--	--	--	--	--
Castle Rock (WI)	--	--	--	12,409	--	--	--	--	--	--	--
Petenwell (WI)	--	--	--	14,531	--	--	--	--	--	--	--
Wisner Elec Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	--
Wisner (NE)	--	--	--	--	--	--	--	--	--	--	--
Wolf Creek Nuclear Corporation	--	--	--	--	-9,064	--	--	--	--	--	--
Wolf Creek (KS)	--	--	--	--	-9,064	--	--	--	--	--	--
Wolverine Power Corporation	--	--	--	7,597	--	--	--	--	--	--	--
Edenville (MI)	--	--	--	3,829	--	--	--	--	--	--	--
Sanford (MI)	--	--	--	2,230	--	--	--	--	--	--	--
Secord (MI)	--	--	--	837	--	--	--	--	--	--	--
Smallwood (MI)	--	--	--	701	--	--	--	--	--	--	--
Wolverine Power Supply Coop	10,349	261	13,545	1,128	--	--	5	1	156	11	8
Advance (MI)	10,349	267	--	--	--	--	5	*	--	11	*
Beaver Island (MI)	--	-6	--	--	--	--	--	*	--	--	2
Johnson, George (MI)	--	1	27	--	--	--	--	*	1	--	1
Kleber (MI)	--	--	--	850	--	--	--	--	--	--	*
Scottville (MI)	--	-17	--	--	--	--	--	--	--	--	*
Tower (MI)	--	-25	--	--	--	--	--	*	--	--	4
Tower Hydro (MI)	--	--	--	278	--	--	--	--	--	--	*
Vandyke, Claude (MI)	--	4	13,518	--	--	--	--	*	155	--	*
Vestaburg (MI)	--	37	--	--	--	--	--	*	--	--	1
Winder, C A (MI)	--	--	--	--	--	--	--	*	--	--	*
Woodsfield Elec Light Plant	--	--	--	--	--	--	--	--	--	--	--
Anadarko (OH)	--	--	--	--	--	--	--	--	--	--	--
Wrangell Light Plant	--	--	--	--	--	--	--	--	--	--	*
Wrangell (AK)	--	--	--	--	--	--	--	--	--	--	*
Wyandotte Dept Of Mun Service	16,983	--	--	--	--	--	12	--	--	20	--
Wyandotte (MI)	16,983	--	--	--	--	--	12	--	--	20	--
Yadkin, Inc	--	--	--	134,115	--	--	--	--	--	--	--
Falls (NC)	--	--	--	19,500	--	--	--	--	--	--	--
High Rock (NC)	--	--	--	20,687	--	--	--	--	--	--	--
Narrows (NC)	--	--	--	68,926	--	--	--	--	--	--	--
Tuckertown (NC)	--	--	--	25,002	--	--	--	--	--	--	--
Yakutat Power Inc	--	452	--	--	--	--	--	1	--	--	*
Yakutat (AK)	--	452	--	--	--	--	--	1	--	--	*
Yazoo City Public Service Comm	--	--	--	--	--	--	--	--	--	--	--
Yazoo (MS)	--	--	--	--	--	--	--	--	--	--	--
Yuba County Water Agency	--	--	--	273,232	--	--	--	--	--	--	--
Fish Power (CA)	--	--	--	117	--	--	--	--	--	--	--
New Colgate (CA)	--	--	--	235,641	--	--	--	--	--	--	--
New Narrows (CA)	--	--	--	37,474	--	--	--	--	--	--	--
Yuma City Of	--	--	--	--	--	--	--	--	--	--	--
Yuma (CO)	--	--	--	--	--	--	--	--	--	--	--
Zeeland Board Of Public Works	--	20	360	--	--	--	--	*	4	--	*
Zeeland (MI)	--	20	360	--	--	--	--	*	4	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, April 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	120,324,712	5,204,939	16,590,648	25,171,319	43,198,624	801,764	59,563	8,448	173,709	148,049	62,793

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, April 1993

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Alabama Electric Coop Inc	68	143.2	35.05	1.24	1	451.8	24.76	0.10	--	--	--	100	*	--
Lowman (AL)	68	143.2	35.05	1.24	1	451.8	24.76	.10	--	--	--	100	*	--
Alabama Power Co	1,527	195.5	47.19	1.20	3	427.2	25.01	.00	130	262.4	2.69	100	*	*
Barry (AL)	87	186.8	45.38	.91	--	--	--	--	43	252.0	2.65	98	--	2
Gadsden (AL)	--	--	--	--	--	--	--	--	*	254.3	2.55	--	--	100
Gaston (AL)	417	173.9	41.88	1.56	3	427.2	25.01	.00	--	--	--	100	*	--
Gorgas 2 and 3 (AL)	530	178.2	42.35	1.34	*	426.9	24.98	.00	--	--	--	100	*	--
Greene (AL)	119	131.1	32.21	1.41	*	427.4	25.02	.00	--	--	--	100	*	--
James Miller (AL)	375	265.2	65.11	.60	--	--	--	--	86	267.9	2.71	99	--	1
American Municipal Power	63	95.6	21.65	4.44	--	--	--	--	8	370.2	3.85	99	--	1
Gorsuch (OH)	63	95.6	21.65	4.44	--	--	--	--	8	370.2	3.85	99	--	1
Ames City of	18	135.3	23.63	.20	--	--	--	--	--	--	--	100	--	--
Ames (IA)	18	135.3	23.63	.20	--	--	--	--	--	--	--	100	--	--
Anchorage City of	--	--	--	--	--	--	--	--	498	236.9	2.37	--	--	100
George Sullivan (AK)	--	--	--	--	--	--	--	--	498	236.9	2.37	--	--	100
Appalachian Power Co	812	172.2	42.91	.74	12	² 520.1	30.13	.00	--	--	--	100	*	--
Amos (WV)	376	195.3	48.15	.77	1	² 1,086.0	63.52	.00	--	--	--	100	*	--
Clinch River (VA)	137	128.4	32.29	.74	1	492.7	29.16	.00	--	--	--	100	*	--
Glen Lyn (VA)	40	138.0	35.78	.88	1	451.3	26.30	.00	--	--	--	99	1	--
Kanawha River (WV)	35	175.4	44.61	.74	--	--	--	--	--	--	--	100	--	--
Mountaineer (WV)	224	166.8	41.59	.67	9	500.6	28.91	.00	--	--	--	99	1	--
Arizona Electric Pwr Coop Inc	105	126.4	25.18	.42	--	--	--	--	530	205.9	2.12	79	--	21
Apache (AZ)	105	126.4	25.18	.42	--	--	--	--	530	205.9	2.12	79	--	21
Arizona Public Service Co	1,017	108.2	19.58	.67	6	549.4	31.80	.25	647	279.7	2.87	96	*	3
Cholla (AZ)	311	101.0	20.05	.41	3	559.6	32.32	.24	4	356.4	3.65	100	*	*
Four Corners (NM)	706	111.8	19.37	.79	--	--	--	--	58	395.9	4.01	100	--	*
Ocotillo (AZ)	--	--	--	--	--	--	--	--	79	267.0	2.75	--	--	100
Phoenix (AZ)	--	--	--	--	--	--	--	--	499	268.0	2.75	--	--	100
Saguaro (AZ)	--	--	--	--	3	539.2	31.27	.27	7	265.0	2.75	--	71	29
Arkansas Power & Light Co	846	171.5	29.91	.33	16	468.5	26.90	.30	277	146.3	1.61	97	1	2
Couch (AR)	--	--	--	--	--	--	--	--	277	146.3	1.61	--	--	100
Independence (AR)	458	162.4	28.55	.23	7	475.3	27.30	.30	--	--	--	99	1	--
Whitebluff (AR)	388	182.4	31.50	.46	9	462.9	26.58	.30	--	--	--	99	1	--
Associated Electric Coop Inc	165	121.6	26.85	3.05	--	--	--	--	--	--	--	100	--	--
Madrid (MO)	165	121.6	26.85	3.05	--	--	--	--	--	--	--	100	--	--
Atlantic City Electric Co	90	167.8	43.23	1.93	51	286.5	18.20	.99	138	257.8	2.67	83	12	5
Deepwater (NJ)	22	175.7	44.59	.70	--	--	--	--	138	257.8	2.67	79	--	21
England (NJ)	68	165.3	42.80	2.31	51	286.5	18.20	.99	--	--	--	84	16	--
Austin City of	--	--	--	--	--	--	--	--	1,334	249.7	2.54	--	--	100
Decker Creek (TX)	--	--	--	--	--	--	--	--	1,237	249.7	2.54	--	--	100
Holly (TX)	--	--	--	--	--	--	--	--	97	250.0	2.54	--	--	100
Baltimore Gas & Electric Co	537	149.3	38.40	.93	58	279.5	17.52	.96	106	303.1	3.14	97	3	1
Brandon Shores (MD)	348	152.3	38.65	.67	2	414.0	24.08	.18	--	--	--	100	*	--
Crane (MD)	89	133.5	35.75	2.05	--	--	--	--	--	--	--	100	--	--
Gould St (MD)	--	--	--	--	14	275.1	17.29	.99	--	--	--	--	100	--
Riverside (MD)	--	--	--	--	14	275.1	17.29	.99	29	293.1	3.03	--	75	25
Wagner (MD)	100	153.5	39.90	.85	28	275.1	17.29	.99	77	306.8	3.18	91	6	3
Basin Electric Power Coop	1,293	65.7	9.63	.46	6	491.3	28.45	.34	--	--	--	100	*	--
Antelope Valley (ND)	392	73.0	9.60	.54	--	--	--	--	--	--	--	100	--	--
Laramie River (WY)	609	52.8	8.63	.37	5	496.3	28.74	.34	--	--	--	100	*	--
Leland Olds (ND)	292	89.2	11.73	.55	1	470.7	27.26	.34	--	--	--	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, April 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
		(Cents per 10 ⁶ Btu)	(\$ per short ton)			(Cents per 10 ⁶ Btu)	\$ per bbl			(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf		
Big Rivers Electric Corp	413	115.5	26.49	3.01	--	--	--	--	4	334.0	3.34	100	--	*
Coleman (KY)	124	95.8	21.72	2.37	--	--	--	--	4	334.0	3.34	100	--	*
R D Green (KY)	92	90.2	18.85	4.02	--	--	--	--	--	--	--	100	--	--
Reid-Henderson (KY)	90	128.8	31.69	2.64	--	--	--	--	--	--	--	100	--	--
Wilson (KY)	107	145.2	34.31	3.19	--	--	--	--	--	--	--	100	--	--
Boston Edison Co	--	--	--	--	*	417.8	24.46	0.00	3,384	282.0	2.91	--	*	100
Mystic (MA)	--	--	--	--	*	417.8	24.46	.00	--	--	--	--	100	--
New Boston (MA)	--	--	--	--	--	--	--	--	3,384	282.0	2.91	--	--	100
Braintree City of	--	--	--	--	--	--	--	--	7	274.0	2.82	--	--	100
Potter Station (MA)	--	--	--	--	--	--	--	--	7	274.0	2.82	--	--	100
Brazos Electric Power Coop Inc	--	--	--	--	--	--	--	--	1,161	218.5	2.22	--	--	100
Miller (TX)	--	--	--	--	--	--	--	--	1,120	217.9	2.21	--	--	100
North Texas (TX)	--	--	--	--	--	--	--	--	40	234.1	2.53	--	--	100
Bryan City of	--	--	--	--	--	--	--	--	325	227.8	2.43	--	--	100
Bryan (TX)	--	--	--	--	--	--	--	--	185	228.5	2.43	--	--	100
Dansby (TX)	--	--	--	--	--	--	--	--	139	226.9	2.43	--	--	100
Burbank City of	--	--	--	--	--	--	--	--	114	314.6	3.23	--	--	100
Magnolia-Olive (CA)	--	--	--	--	--	--	--	--	114	314.6	3.23	--	--	100
Burlington City of	--	--	--	--	1	503.7	29.37	.28	15	230.9	2.28	--	28	72
J C McNeil (VT)	--	--	--	--	1	503.7	29.37	.28	15	230.9	2.28	--	28	72
Cajun Electric Power Coop Inc	468	150.8	25.00	.40	3	411.9	24.22	.00	896	230.0	2.39	89	*	11
Big Cajun No 1 (LA)	--	--	--	--	--	--	--	--	896	230.0	2.39	--	--	100
Big Cajun No 2 (LA)	468	150.8	25.00	.40	3	411.9	24.22	.00	--	--	--	100	*	--
Cambridge Electric Light Co	--	--	--	--	5	313.1	19.89	.49	65	254.1	2.76	--	31	69
Kendall Square (MA)	--	--	--	--	5	313.1	19.89	.49	65	254.1	2.76	--	31	69
Canal Electric Co	--	--	--	--	521	264.1	16.86	.98	--	--	--	--	100	--
Canal (MA)	--	--	--	--	521	264.1	16.86	.98	--	--	--	--	100	--
Cardinal Operating Co	314	139.5	33.67	1.89	--	--	--	--	--	--	--	100	--	--
Cardinal (OH)	314	139.5	33.67	1.89	--	--	--	--	--	--	--	100	--	--
Carolina Power & Light Co	860	171.2	42.92	.93	10	437.0	25.33	.20	--	--	--	100	*	--
Asheville (NC)	60	127.8	34.02	.96	*	435.2	25.22	.20	--	--	--	100	*	--
Cape Fear (NC)	48	207.5	51.09	.87	--	--	--	--	--	--	--	100	--	--
Lee (NC)	48	194.0	49.57	1.09	--	--	--	--	--	--	--	100	--	--
Mayo (NC)	222	186.0	45.91	.69	1	437.2	25.34	.20	--	--	--	100	*	--
Robinson (SC)	35	229.2	58.86	1.20	1	472.0	27.36	.20	--	--	--	100	*	--
Roxboro (NC)	371	161.1	40.27	1.03	8	434.9	25.21	.20	--	--	--	100	*	--
Sutton (NC)	54	150.8	38.01	.93	--	--	--	--	--	--	--	100	--	--
Weatherspoon (NC)	22	149.3	36.41	.92	--	--	--	--	--	--	--	100	--	--
Cedar Falls City of	--	--	--	--	--	--	--	--	*	470.0	4.70	--	--	100
Streeter (IA)	--	--	--	--	--	--	--	--	*	470.0	4.70	--	--	100
Centel Corp	--	--	--	--	--	--	--	--	16	327.8	4.06	--	--	100
Cimarron River (KS)	--	--	--	--	--	--	--	--	15	329.1	4.12	--	--	100
Large (KS)	--	--	--	--	--	--	--	--	1	277.9	2.83	--	--	100
Mullergren (KS)	--	--	--	--	--	--	--	--	*	684.3	6.84	--	--	100
Central Electric Pwr Coop-MO	8	131.1	29.11	2.89	--	--	--	--	--	--	--	100	--	--
Chamois (MO)	8	131.1	29.11	2.89	--	--	--	--	--	--	--	100	--	--
Central Hudson Gas & Elec Corp	52	183.8	48.22	.65	523	232.1	14.87	1.43	168	353.3	3.61	28	69	4
Danskammer (NY)	52	183.8	48.22	.65	--	--	--	--	155	352.9	3.61	90	--	10
Roseton (NY)	--	--	--	--	523	232.1	14.87	1.43	13	358.6	3.66	--	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, April 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	Petroleum	Gas
		(Cents per 10 ⁶ Btu)	(\$ per short ton)			(Cents per 10 ⁶ Btu)	\$ per bbl			(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf		
Central Illinois Light Co	249	157.9	37.96	2.00	1	469.3	27.05	0.15	--	--	--	100	*	--
Duck Creek (IL)	106	157.0	33.76	3.41	--	--	--	--	--	--	--	100	--	--
Edwards (IL)	143	158.4	41.06	.96	1	469.3	27.05	.15	--	--	--	100	*	--
Central Illinois Pub Serv Co	376	153.3	35.13	1.84	10	450.9	25.99	.23	--	--	--	99	1	--
Coffeen (IL)	42	160.3	33.18	1.41	2	443.7	25.45	.20	--	--	--	99	1	--
Grand Tower (IL)	2	180.8	42.33	2.77	1	447.7	26.17	.25	--	--	--	89	11	--
Hutsonville (IL)	5	117.1	25.97	2.26	2	449.2	25.92	.27	--	--	--	91	9	--
Meredosia (IL)	44	155.8	36.58	3.07	2	464.9	26.73	.18	--	--	--	99	1	--
Newton (IL)	283	152.3	35.29	1.70	3	450.1	25.93	.24	--	--	--	100	*	--
Central Iowa Power Coop	--	--	--	--	--	--	--	--	*	414.1	4.20	--	--	100
Fair Station (IA)	--	--	--	--	--	--	--	--	*	414.1	4.20	--	--	100
Central Louisiana Elec Co Inc	324	174.0	26.99	.53	--	--	--	--	1,590	254.9	2.65	75	--	25
Coughlin (LA)	--	--	--	--	--	--	--	--	90	253.4	2.70	--	--	100
Dolet Hills (LA)	172	155.7	21.69	.57	--	--	--	--	1	253.4	2.58	100	--	*
Rodemacher (LA)	152	190.7	32.98	.47	--	--	--	--	1	253.4	2.54	100	--	*
Teche (LA)	--	--	--	--	--	--	--	--	1,498	255.0	2.65	--	--	100
Central Nebraska Pub P&I Dist	--	--	--	--	--	--	--	--	1	444.2	4.14	--	--	100
Canaday (NE)	--	--	--	--	--	--	--	--	1	444.2	4.14	--	--	100
Central Operating Co	71	173.2	43.43	1.21	--	--	--	--	--	--	--	100	--	--
Sporn (WV)	71	173.2	43.43	1.21	--	--	--	--	--	--	--	100	--	--
Central Power & Light Co	86	216.3	45.11	.39	--	--	--	--	8,091	232.3	2.39	18	--	82
Bates (TX)	--	--	--	--	--	--	--	--	828	218.8	2.28	--	--	100
Coletto Creek (TX)	86	216.3	45.11	.39	--	--	--	--	--	--	--	100	--	--
Davis (TX)	--	--	--	--	--	--	--	--	2,681	229.6	2.34	--	--	100
Hill (TX)	--	--	--	--	--	--	--	--	1,732	231.3	2.38	--	--	100
Joslin (TX)	--	--	--	--	--	--	--	--	825	232.4	2.40	--	--	100
La Palma (TX)	--	--	--	--	--	--	--	--	40	214.7	2.26	--	--	100
Laredo (TX)	--	--	--	--	--	--	--	--	616	273.9	2.89	--	--	100
Nueces Bay (TX)	--	--	--	--	--	--	--	--	734	226.2	2.35	--	--	100
Victoria (TX)	--	--	--	--	--	--	--	--	636	230.8	2.37	--	--	100
Chugach Electric Assn Inc	--	--	--	--	--	--	--	--	1,201	63.3	.63	--	--	100
Beluga (AK)	--	--	--	--	--	--	--	--	1,201	63.3	.63	--	--	100
Cincinnati Gas & Electric Co	625	139.6	34.04	2.18	8	432.9	24.84	.35	--	--	--	100	*	--
Beckjord (OH)	207	162.6	38.58	1.93	2	425.6	24.71	.40	--	--	--	100	*	--
East Bend (KY)	36	173.3	40.05	2.36	2	442.5	25.30	.38	--	--	--	99	1	--
Miami Fort (OH)	162	152.8	37.80	1.31	4	432.6	24.73	.31	--	--	--	99	1	--
Zimmer (OH)	219	104.1	25.99	3.03	*	431.0	24.72	.43	--	--	--	100	*	--
Cleveland Electric Illum Co	533	128.2	33.66	2.47	8	454.0	26.54	.32	--	--	--	100	*	--
Ashtabula (OH)	91	143.8	37.43	3.44	--	--	--	--	--	--	--	100	--	--
Avon Lake (OH)	152	111.6	29.69	1.87	5	454.2	26.59	.31	--	--	--	99	1	--
Eastlake (OH)	254	127.2	33.21	2.74	3	453.6	26.47	.35	--	--	--	100	*	--
Lake Shore (OH)	36	166.8	44.04	.63	--	--	--	--	--	--	--	100	--	--
Coffeyville City of	--	--	--	--	--	--	--	--	132	258.0	2.58	--	--	100
Coffeyville (KS)	--	--	--	--	--	--	--	--	132	258.0	2.58	--	--	100
Colorado Springs City of	133	169.1	36.23	.39	--	--	--	--	*	346.1	3.38	100	--	*
Birdsall (CO)	--	--	--	--	--	--	--	--	*	346.1	3.38	--	--	100
Drake (CO)	61	173.1	36.47	.39	--	--	--	--	*	346.1	3.38	100	--	*
Nixon (CO)	71	165.7	36.02	.39	--	--	--	--	--	--	--	100	--	--
Columbia City of	3	211.0	53.94	.66	--	--	--	--	--	--	--	100	--	--
Columbia (MO)	3	211.0	53.94	.66	--	--	--	--	--	--	--	100	--	--
Columbus & Southern Ohio El Co	329	142.5	33.63	3.26	1	442.2	26.17	.00	--	--	--	100	*	--
Conesville (OH)	320	143.6	33.89	3.26	1	442.2	26.17	.00	--	--	--	100	*	--
Picway (OH)	9	104.7	24.50	3.23	--	--	--	--	--	--	--	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, April 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)			
Commonwealth Edison Co	705	289.9	53.20	0.33	148	307.1	19.81	0.64	945	256.6	2.61	87	6	6
Collins (IL)	--	--	--	--	129	290.5	19.00	.70	89	239.0	2.42	--	90	10
Crawford (IL)	21	293.0	56.13	.39	--	--	--	--	30	448.3	4.57	93	--	7
Fisk (IL)	62	293.8	56.20	.39	--	--	--	--	--	--	--	100	--	--
Fisk Storage (IL)	--	--	--	--	--	--	--	--	204	219.6	2.24	--	--	100
Joliet (IL)	106	247.2	47.36	.39	--	--	--	--	--	--	--	100	--	--
Joliet Storage (IL)	--	--	--	--	--	--	--	--	345	257.7	2.61	--	--	100
Kincaid (IL)	--	--	--	--	--	--	--	--	11	273.8	2.76	--	--	100
Powerton (IL)	235	307.4	54.20	.30	--	--	--	--	18	427.3	4.27	100	--	*
State Line (IN)	93	256.0	49.04	.39	--	--	--	--	--	--	--	100	--	--
State Line Storage (IN)	--	--	--	--	--	--	--	--	140	244.4	2.49	--	--	100
Waukegan (IL)	72	273.6	50.93	.36	2	445.3	26.08	.24	--	--	--	99	1	--
Waukegan Storage (IL)	--	--	--	--	--	--	--	--	108	270.7	2.75	--	--	100
Will County (IL)	116	334.1	59.13	.22	17	431.8	25.23	.24	--	--	--	95	5	--
Connecticut Light & Power Co	--	--	--	--	152	302.6	19.39	.76	9	837.8	8.63	--	99	1
Devon (CT)	--	--	--	--	42	285.6	18.27	.98	--	--	--	--	100	--
Middletown (CT)	--	--	--	--	65	327.3	20.88	.48	--	--	--	--	100	--
Montville (CT)	--	--	--	--	--	449.2	26.34	.21	9	837.8	8.63	--	11	89
Norwalk Harbor (CT)	--	--	--	--	45	282.3	18.22	.96	--	--	--	--	100	--
Consolidated Edison Co-NY Inc	--	--	--	--	782	315.7	19.87	.29	7,956	246.2	2.55	--	37	63
Astoria (NY)	--	--	--	--	--	--	--	--	3,175	246.2	2.55	--	--	100
East River (NY)	--	--	--	--	205	314.1	19.86	.29	94	246.4	2.55	--	93	7
Hudson Avenue (NY)	--	--	--	--	214	315.2	19.87	.29	--	--	--	--	100	--
Ravenswood (NY)	--	--	--	--	--	--	--	--	4,063	246.2	2.55	--	--	100
Storage Facility #3	--	--	--	--	47	330.7	20.80	.30	--	--	--	--	100	--
Storage Facility #4	--	--	--	--	118	322.3	20.16	.29	--	--	--	--	100	--
Storage Facility #5	--	--	--	--	178	308.2	19.35	.29	--	--	--	--	100	--
Storage Facility #8	--	--	--	--	21	330.7	20.80	.30	--	--	--	--	100	--
Waterside (NY)	--	--	--	--	--	--	--	--	624	246.2	2.55	--	--	100
Consumers Power Co	615	154.6	36.33	.70	46	275.5	18.20	.87	--	--	--	98	2	--
Campbell (MI)	231	168.6	42.36	.68	3	423.8	24.57	.50	--	--	--	100	*	--
Cobb (MI)	113	150.4	31.56	.54	1	429.7	24.91	.50	--	--	--	100	*	--
Karn-Wadock (MI)	132	147.4	35.78	.87	42	264.5	17.66	.90	--	--	--	92	8	--
Wadock (MI)	85	142.5	29.25	.60	--	--	--	--	--	--	--	100	--	--
Whiting (MI)	53	134.0	33.09	.84	*	438.4	25.41	.50	--	--	--	100	*	--
Coop Power Assn	732	76.4	9.56	.74	--	--	--	--	--	--	--	100	--	--
Coal Creek (ND)	732	76.4	9.56	.74	--	--	--	--	--	--	--	100	--	--
Dairyland Power Coop	130	130.6	23.79	.37	2	448.9	26.40	.50	--	--	--	100	*	--
Alma-Madgett (WI)	94	132.2	22.51	.28	2	448.6	26.38	.50	--	--	--	99	1	--
Genoa No.3 (WI)	35	127.4	27.20	.61	--	--	--	--	--	--	--	100	--	--
Stoneman (WI)	--	--	--	--	*	452.1	26.58	.50	--	--	--	--	100	--
Dayton Power & Light Co	317	142.7	34.40	.78	4	456.1	26.26	.42	8	455.8	4.65	100	*	*
Hutchings (OH)	18	122.0	29.44	.76	--	--	--	--	8	455.8	4.65	98	--	2
Killen (OH)	179	133.6	32.60	.63	--	--	--	--	--	--	--	100	--	--
Stuart (OH)	121	159.7	37.76	1.00	4	456.1	26.26	.42	--	--	--	99	1	--
Delmarva Power & Light Co	197	169.3	44.41	.98	194	265.9	16.78	.95	22	593.8	6.13	81	19	*
Edgemoor (DE)	38	193.4	51.23	.89	190	262.6	16.60	.97	22	593.8	6.13	45	54	1
Indian River (DE)	159	163.5	42.78	1.00	4	422.9	25.01	.25	--	--	--	99	1	--
Denton City of	--	--	--	--	--	--	--	--	184	229.8	2.41	--	--	100
Spencer (TX)	--	--	--	--	--	--	--	--	184	229.8	2.41	--	--	100
Deseret Generation & Tran Coop	166	190.6	41.25	.49	--	--	--	--	--	--	--	100	--	--
Bonanza (UT)	166	190.6	41.25	.49	--	--	--	--	--	--	--	100	--	--
Detroit City of	--	--	--	--	15	283.0	17.24	.73	*	327.0	3.34	--	100	*
Mistersky (MI)	--	--	--	--	15	283.0	17.24	.73	*	327.0	3.34	--	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, April 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)			
Detroit Edison Co	1,446	147.0	30.56	0.64	19	443.8	25.75	0.27	665	226.7	0.34	99	*	*
Belle River (MI)	206	151.2	28.96	.37	4	455.0	26.36	.16	--	--	--	99	1	--
Harbor Beach (MI)	13	187.2	49.02	.76	1	456.4	26.44	.44	--	--	--	99	1	--
Marysville (MI)	6	186.2	49.02	.81	--	--	--	--	7	387.0	3.94	96	--	4
Monroe (MI)	719	140.6	29.48	.60	9	448.2	25.96	.30	--	--	--	100	*	--
River Rouge (MI)	90	147.8	33.58	.61	--	--	--	--	637	159.7	.17	97	--	3
St Clair (MI)	272	146.5	28.91	.66	5	426.0	24.82	.28	21	387.0	4.01	99	1	--
Trenton Channel (MI)	140	165.8	37.22	.76	--	--	--	--	--	--	--	100	--	--
Dover City of	--	--	--	--	15	294.0	18.78	1.04	11	357.0	3.69	--	89	11
Mckee Run (DE)	--	--	--	--	15	294.0	18.78	1.04	11	357.0	3.69	--	89	11
Duke Power Co	790	170.1	42.31	1.00	15	425.2	24.80	.30	--	--	--	100	*	--
Allen (NC)	40	179.5	44.65	1.01	1	428.9	25.10	.30	--	--	--	99	1	--
Belews Creek (NC)	426	166.9	41.40	.99	5	426.5	24.94	.30	--	--	--	100	*	--
Buck (NC)	20	142.0	35.36	1.11	--	--	--	--	--	--	--	100	--	--
Cliffside (NC)	69	166.7	42.50	.99	1	423.7	24.53	.30	--	--	--	100	*	--
Dan River (NC)	12	139.5	35.80	.87	--	--	--	--	--	--	--	100	--	--
Lee (SC)	4	142.8	37.43	.80	3	423.7	24.72	.30	--	--	--	86	14	--
Marshall (NC)	209	180.2	44.49	1.04	5	424.3	24.71	.30	--	--	--	99	1	--
Riverbend (NC)	10	187.7	48.18	.89	--	--	--	--	--	--	--	100	--	--
Duquesne Light Co	213	142.3	36.12	1.67	--	--	--	--	10	305.8	3.18	100	--	*
Cheswick (PA)	91	122.2	31.67	1.53	--	--	--	--	10	305.8	3.18	100	--	*
Elrama (PA)	122	157.9	39.44	1.77	--	--	--	--	--	--	--	100	--	--
East Kentucky Power Coop	284	113.3	27.73	1.37	*	431.5	25.12	.16	--	--	--	100	*	--
Cooper (KY)	64	111.3	27.05	1.65	*	425.0	24.74	.20	--	--	--	100	*	--
Dale (KY)	32	106.5	26.00	.80	*	438.0	25.50	.12	--	--	--	100	*	--
Spurlock (KY)	188	115.1	28.25	1.36	--	--	--	--	--	--	--	100	--	--
El Paso Electric Co	--	--	--	--	--	--	--	--	1,490	208.9	2.15	--	--	100
Newman (TX)	--	--	--	--	--	--	--	--	685	197.0	2.02	--	--	100
Rio Grande (TX)	--	--	--	--	--	--	--	--	805	219.0	2.26	--	--	100
Electric Energy Inc	410	100.3	21.94	1.69	1	484.5	28.10	.30	--	--	--	100	*	--
Joopa (IL)	410	100.3	21.94	1.69	1	484.5	28.10	.30	--	--	--	100	*	--
Empire District Electric Co	49	109.0	21.12	1.11	--	--	--	--	3	254.6	2.55	100	--	*
Asbury (MO)	27	103.9	19.51	.98	--	--	--	--	--	--	--	100	--	--
Riverton (KS)	22	114.9	23.12	1.27	--	--	--	--	3	254.6	2.55	99	--	1
Fayetteville Public Works	--	--	--	--	--	--	--	--	90	327.9	3.38	--	--	100
Butler Warner (NC)	--	--	--	--	--	--	--	--	90	327.9	3.38	--	--	100
Florida Power & Light Co	--	--	--	--	2,778	251.5	15.99	1.39	8,314	254.9	2.55	--	68	32
Cape Canaveral (FL)	--	--	--	--	320	228.5	14.44	2.02	777	254.9	2.55	--	72	28
Fort Myers (FL)	--	--	--	--	542	253.8	16.14	1.58	--	--	--	--	100	--
Lauderdale (FL)	--	--	--	--	--	--	--	--	214	254.9	2.55	--	--	100
Manatee (FL)	--	--	--	--	442	253.4	16.20	.98	--	--	--	--	100	--
Martin (FL)	--	--	--	--	--	--	--	--	1,584	254.9	2.55	--	--	100
Port Everglades (FL)	--	--	--	--	786	264.5	16.84	.99	--	1,918	254.9	2.55	--	72
Putnam (FL)	--	--	--	--	--	--	--	--	1,988	254.9	2.55	--	--	100
Riviera (FL)	--	--	--	--	114	207.9	13.19	2.00	2	254.9	2.55	--	100	*
Sanford (FL)	--	--	--	--	374	241.6	15.28	1.94	338	254.9	2.55	--	88	12
Turkey Point (FL)	--	--	--	--	199	269.5	17.19	.98	1,493	254.9	2.55	--	46	54
Florida Power Corp	449	174.6	43.87	.82	1,136	253.5	16.10	1.33	146	232.6	2.39	61	39	1
Anclote (FL)	--	--	--	--	4	440.3	25.78	.28	--	--	--	--	100	--
Cerro Transfer (WV)	10	132.4	32.23	1.07	--	--	--	--	--	--	--	--	100	--
Crystal River (FL)	309	184.0	46.36	.82	7	448.7	26.23	.17	--	--	--	99	1	--
Higgins (FL)	--	--	--	--	105	268.0	17.10	1.00	--	--	--	--	100	--
IMT Transfer (LA)	104	162.6	40.87	.79	--	--	--	--	--	--	--	--	100	--
Storage Facility #1	--	--	--	--	946	247.9	15.76	1.35	--	--	--	--	100	--
Suwannee (FL)	--	--	--	--	50	269.3	17.06	1.99	--	--	--	--	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, April 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	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)			
Florida Power Corp														
Turner (FL)	--	--	--	--	24	296.9	18.67	0.99	146	232.6	2.39	--	50	50
TTI Transfer (KY)	26	127.0	31.00	0.94	--	--	--	--	--	--	--	100	--	--
Fort Pierce City of														
H D King (FL)	--	--	--	--	--	--	--	--	165	157.8	1.62	--	--	100
	--	--	--	--	--	--	--	--	165	157.8	1.62	--	--	100
Fremont City of														
Wright (NE)	7	86.1	14.71	.32	--	--	--	--	7	240.5	2.40	94	--	6
	7	86.1	14.71	.32	--	--	--	--	7	240.5	2.40	94	--	6
Gainesville City of														
Deerhaven (FL)	18	178.5	47.77	.67	--	--	--	--	525	302.5	3.10	48	--	52
	18	178.5	47.77	.67	--	--	--	--	307	302.5	3.10	61	--	39
Jr Kelly (FL)	--	--	--	--	--	--	--	--	218	302.5	3.11	--	--	100
Garland City of														
Newman (TX)	--	--	--	--	--	--	--	--	614	226.4	2.33	--	--	100
	--	--	--	--	--	--	--	--	31	227.6	2.32	--	--	100
Olinger (TX)	--	--	--	--	--	--	--	--	583	226.4	2.33	--	--	100
Georgia Power Co	2,083	174.8	42.91	1.31	4	452.0	26.29	.50	25	366.8	3.77	100	*	*
Arkwright (GA)	--	--	--	--	--	--	--	--	2	370.9	3.78	--	--	100
Atkinson-McDonough (GA)	88	158.8	38.53	1.93	--	--	--	--	23	366.4	3.77	99	--	1
Bowen (GA)	695	148.1	36.51	1.22	--	--	--	--	--	--	--	100	--	--
Hammond (GA)	11	174.0	45.56	1.61	1	441.5	25.68	.50	--	--	--	99	1	--
Hardee Branch (GA)	256	179.0	44.36	1.42	1	459.5	26.73	.50	--	--	--	100	*	--
Mitchell (GA)	16	176.4	44.90	1.28	--	--	--	--	--	--	--	100	--	--
Scherer (GA)	511	186.6	47.08	.66	--	--	--	--	--	--	--	100	--	--
Wansley (GA)	301	209.2	47.67	2.61	--	--	--	--	--	--	--	100	--	--
Yates (GA)	206	189.6	47.02	1.77	2	452.2	26.30	.50	--	--	--	100	*	--
Glendale City of														
Glendale (CA)	--	--	--	--	--	--	--	--	134	352.0	3.62	--	--	100
	--	--	--	--	--	--	--	--	134	352.0	3.62	--	--	100
Grand Haven City of														
J B Simms (MI)	24	163.2	36.21	2.08	--	--	--	--	8	388.5	3.88	98	--	2
	24	163.2	36.21	2.08	--	--	--	--	8	388.5	3.88	98	--	2
Grand Island City of														
Burdick (NE)	13	71.5	11.92	.35	--	--	--	--	41	207.2	1.98	85	--	15
	--	--	--	--	--	--	--	--	41	207.2	1.98	--	--	100
Platte (NE)	13	71.5	11.92	.35	--	--	--	--	--	--	--	100	--	--
Grand River Dam Authority														
GRDA No 1 (OK)	204	91.5	15.22	.36	--	--	--	--	17	258.2	2.61	99	--	1
	204	91.5	15.22	.36	--	--	--	--	17	258.2	2.61	99	--	1
Greenville City of														
Power Lane (TX)	--	--	--	--	--	--	--	--	29	239.0	2.60	--	--	100
	--	--	--	--	--	--	--	--	29	239.0	2.60	--	--	100
Gulf Power Co														
Crist (FL)	268	163.2	38.98	2.66	*	443.9	25.54	.45	6	235.0	2.35	100	*	*
	206	163.2	39.00	2.68	--	--	--	--	6	235.0	2.35	100	--	*
Smith (FL)	62	163.2	38.94	2.59	*	443.9	25.54	.45	--	--	--	100	*	--
Gulf States Utilities Co														
Lewis Creek (TX)	236	169.9	29.28	.46	--	--	--	--	10,662	246.2	2.54	27	--	73
	--	--	--	--	--	--	--	--	1,947	229.6	2.36	--	--	100
Nelson (LA)	236	169.9	29.28	.46	--	--	--	--	8	259.6	2.69	100	--	*
Sabine (TX)	--	--	--	--	--	--	--	--	6,602	251.7	2.58	--	--	100
Spindletop Storage (TX)	--	--	--	--	--	--	--	--	377	234.0	2.41	--	--	100
Willow Glen (LA)	--	--	--	--	--	--	--	--	1,728	246.3	2.63	--	--	100
Hamilton City of														
Hamilton (OH)	7	140.8	35.41	.69	--	--	--	--	6	288.2	2.98	97	--	3
	7	140.8	35.41	.69	--	--	--	--	6	288.2	2.98	97	--	3
Hastings City of														
Hastings (NE)	18	81.5	13.99	.37	--	--	--	--	--	--	--	100	--	--
	18	81.5	13.99	.37	--	--	--	--	--	--	--	100	--	--
Hawaiian Electric Co Inc														
Kahe (HI)	--	--	--	--	538	311.4	19.51	.41	--	--	--	--	100	--
	--	--	--	--	261	313.4	19.64	.40	--	--	--	--	100	--
Storage Facility #1	--	--	--	--	189	306.8	19.22	.42	--	--	--	--	100	--
Waiau (HI)	--	--	--	--	88	315.2	19.73	.41	--	--	--	--	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, April 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	13	182.0	46.81	0.82	--	--	--	--	--	--	--	100	--	--
James De Young (MI)	13	182.0	46.81	82	--	--	--	--	--	--	--	100	--	--
Holyoke Water Power Co	39	168.3	44.52	1.38	1	434.7	25.14	0.30	--	--	--	100	*	--
Mount Tom (MA)	39	168.3	44.52	1.38	1	434.7	25.14	.30	--	--	--	100	*	--
Hoosier Energy R E C Inc	198	136.1	30.21	3.34	*	417.4	24.19	.20	--	--	--	100	*	--
Frank E Ratts (IN)	56	139.0	31.14	2.47	*	417.4	24.19	.20	--	--	--	100	*	--
Merom (IN)	142	135.0	29.85	3.68	--	--	--	--	--	--	--	100	--	--
Houston Lighting & Power Co	1,439	190.9	28.62	.81	--	--	--	--	16,784	222.8	2.28	56	--	44
Bertron (TX)	--	--	--	--	--	--	--	--	275	235.4	2.39	--	--	100
Cedar Bayou (TX)	--	--	--	--	--	--	--	--	5,002	224.1	2.29	--	--	100
Deepwater (TX)	--	--	--	--	--	--	--	--	67	246.9	2.52	--	--	100
Green Bayou (TX)	--	--	--	--	--	--	--	--	1,623	229.7	2.36	--	--	100
Limestone (TX)	761	137.6	18.09	1.21	--	--	--	--	112	220.1	2.26	99	--	1
Parish (TX)	678	237.0	40.43	.37	--	--	--	--	2,910	208.0	2.11	80	--	20
Robinson (TX)	--	--	--	--	--	--	--	--	3,618	215.7	2.21	--	--	100
Storage Facility #2	--	--	--	--	--	--	--	--	1,116	246.9	2.51	--	--	100
Webster (TX)	--	--	--	--	--	--	--	--	1,070	225.3	2.30	--	--	100
Wharton (TX)	--	--	--	--	--	--	--	--	990	241.0	2.43	--	--	100
Illinois Power Co	586	136.0	29.88	2.66	6	456.0	26.43	.30	12	179.6	1.82	100	*	*
Baldwin (IL)	439	132.6	28.70	2.94	5	453.5	26.29	.30	--	--	--	100	*	--
Havana (IL)	24	173.6	44.14	.67	1	466.7	27.05	.30	--	--	--	99	1	--
Hennepin (IL)	61	133.1	28.21	2.99	--	--	--	--	8	111.6	1.13	99	--	1
Vermilion (IL)	13	125.6	27.13	2.12	--	--	--	--	--	--	--	100	--	--
Wood River (IL)	49	149.4	36.27	.80	--	--	--	--	4	331.0	3.36	100	--	*
Imperial Irrigation District	--	--	--	--	--	--	--	--	224	348.8	3.59	--	--	100
El Centro (CA)	--	--	--	--	--	--	--	--	224	348.8	3.59	--	--	100
Independence City of	--	--	--	--	--	--	--	--	1	265.6	2.66	--	--	100
Blue Valley (MO)	--	--	--	--	--	--	--	--	1	265.6	2.66	--	--	100
Indiana & Michigan Electric Co	703	122.6	22.66	.42	*	464.5	26.69	.00	--	--	--	100	*	--
Breed (IN)	--	--	--	--	*	464.5	26.69	.00	--	--	--	--	100	--
Rockport (IN)	596	109.7	18.80	.29	--	--	--	--	--	--	--	100	--	--
Tanners Creek (IN)	107	170.3	44.27	1.17	--	--	--	--	--	--	--	100	--	--
Indiana-Kentucky Electric Corp	274	103.9	23.27	3.14	*	514.9	29.79	.28	--	--	--	100	*	--
Clifty Creek (IN)	274	103.9	23.27	3.14	*	514.9	29.79	.28	--	--	--	100	*	--
Indianapolis Power & Light Co	516	104.3	23.24	2.45	4	429.6	24.79	.26	--	--	--	100	*	--
Petersburg (IN)	442	102.8	22.86	2.58	--	--	--	--	--	--	--	100	--	--
Pritchard (IN)	21	113.8	25.89	1.00	4	429.6	24.79	.26	--	--	--	95	5	--
Stout (IN)	53	113.2	25.41	1.90	--	--	--	--	--	--	--	100	--	--
Interstate Power Co	88	225.7	43.63	1.16	2	437.9	25.75	.00	49	286.7	2.87	97	1	3
Dubuque (IA)	10	203.7	44.90	2.90	--	--	--	--	9	304.9	3.05	96	--	4
Fox Lake (MN)	--	--	--	--	--	--	--	--	40	282.1	2.82	--	--	100
Kapp (IA)	26	135.4	31.04	2.02	--	--	--	--	1	331.6	3.34	100	--	*
Lansing (IA)	52	290.4	49.59	.42	2	437.9	25.75	.00	--	--	--	99	1	--
Iowa Electric Light & Power Co	134	96.7	17.09	.55	--	--	--	--	121	307.4	3.07	95	--	5
Prairie Creek (IA)	90	99.4	17.44	.50	--	--	--	--	--	--	--	100	--	--
Sutherland (IA)	36	80.7	13.76	.35	--	--	--	--	52	321.0	3.21	92	--	8
6th St (IA)	8	127.3	28.17	1.97	--	--	--	--	69	297.1	2.97	72	--	28
Iowa Southern Utilities Co	200	106.7	18.74	.75	--	--	--	--	--	--	--	100	--	--
Burlington (IA)	32	133.6	29.60	2.93	--	--	--	--	--	--	--	100	--	--
Ottumwa (IA)	168	99.9	16.68	.34	--	--	--	--	--	--	--	100	--	--
Iowa-Illinois Gas&Electric Co	176	107.9	18.28	.38	--	--	--	--	42	347.5	3.52	99	--	1
Louisa (IA)	170	108.1	18.06	.33	--	--	--	--	26	318.0	3.22	99	--	1
Riverside (IA)	6	104.1	24.42	1.67	--	--	--	--	16	395.3	4.01	90	--	10

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, April 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)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Jacksonville Electric Auth	222	173.8	43.05	1.04	200	236.2	15.00	1.78	259	255.8	2.66	78	18	4
Kennedy (FL)	--	--	--	--	--	--	--	--	--	255.8	2.66	--	--	100
Northside (FL)	--	--	--	--	198	234.1	14.88	1.80	256	255.8	2.66	--	83	17
Southside (FL)	--	--	--	--	--	--	--	--	3	255.8	2.66	--	--	100
St Johns River (FL)	222	173.8	43.05	1.04	2	447.0	26.10	.35	--	--	--	100	*	--
Jamestown City of	13	130.2	32.31	1.97	--	--	--	--	--	--	--	100	--	--
Samuel A Carlson (NY)	13	130.2	32.31	1.97	--	--	--	--	--	--	--	100	--	--
Jersey Central Power & Light Co	--	--	--	--	--	--	--	--	45	299.3	3.08	--	--	100
Gilbert (NJ)	--	--	--	--	--	--	--	--	32	301.0	3.10	--	--	100
Sayreville (NJ)	--	--	--	--	--	--	--	--	13	295.0	3.04	--	--	100
Kansas City City of	173	103.0	18.12	.45	--	--	--	--	32	351.2	3.55	99	--	1
Kaw (KS)	14	127.7	26.81	.45	--	--	--	--	29	364.0	3.68	91	--	9
Nearman (KS)	138	96.6	16.03	.38	--	--	--	--	--	--	--	100	--	--
Quindaro (KS)	21	118.7	26.01	.89	--	--	--	--	4	251.7	2.54	99	--	1
Kansas City Power & Light Co	871	91.9	16.57	.65	--	--	--	--	12	253.4	2.53	100	--	*
Hawthorne (MO)	122	82.9	14.60	.21	--	--	--	--	12	253.4	2.53	99	--	1
Jalan (MO)	247	85.0	14.90	.32	--	--	--	--	--	--	--	100	--	--
La Cygne (KS)	355	97.9	18.37	1.21	--	--	--	--	--	--	--	100	--	--
Montrose (MO)	147	95.3	16.66	.20	--	--	--	--	--	--	--	100	--	--
Kansas Gas & Electric Co	--	--	--	--	--	--	--	--	282	241.2	2.30	--	--	100
Evans (KS)	--	--	--	--	--	--	--	--	6	240.5	2.30	--	--	100
Gill (KS)	--	--	--	--	--	--	--	--	276	241.2	2.30	--	--	100
Kansas Power & Light Co	746	107.5	18.42	.37	--	--	--	--	65	259.9	2.57	99	--	1
Hutchinson (KS)	--	--	--	--	--	--	--	--	20	296.0	2.97	--	--	100
Jeffrey Energy Cnt (KS)	642	103.9	17.12	.35	--	--	--	--	--	--	--	100	--	--
Lawrence (KS)	65	124.9	26.15	.49	--	--	--	--	23	243.7	2.39	98	--	2
Tecumseh (KS)	39	124.6	26.90	.45	--	--	--	--	22	243.5	2.41	97	--	3
Kentucky Power Co	160	107.7	25.78	1.13	--	--	--	--	--	--	--	100	--	--
Big Sandy (KY)	160	107.7	25.78	1.13	--	--	--	--	--	--	--	100	--	--
Kentucky Utilities Co	489	117.0	28.14	1.37	5	515.6	30.32	.40	--	--	--	100	*	--
Brown (KY)	113	112.1	26.97	1.77	1	518.9	30.51	.40	--	--	--	100	*	--
Ghent (KY)	327	120.3	29.03	1.16	3	514.2	30.23	.40	--	--	--	100	*	--
Green River (KY)	49	105.6	24.88	1.86	--	--	--	--	--	--	--	100	--	--
Lafayette City of	--	--	--	--	--	--	--	--	154	229.3	2.41	--	--	100
Bonin (LA)	--	--	--	--	--	--	--	--	154	229.3	2.41	--	--	100
Lake Worth City of	--	--	--	--	--	--	--	--	176	278.0	2.84	--	--	100
Tom G Smith (FL)	--	--	--	--	--	--	--	--	176	278.0	2.84	--	--	100
Lakeland City of	--	--	--	--	--	--	--	--	611	249.9	2.57	--	--	100
Larsen Mem (FL)	--	--	--	--	--	--	--	--	490	250.0	2.57	--	--	100
Plant 3-McIntosh (FL)	--	--	--	--	--	--	--	--	121	249.7	2.56	--	--	100
Lansing City of	60	173.0	44.03	.86	1	424.0	24.58	.30	--	--	--	100	*	--
Eckert (MI)	51	173.2	44.00	.86	1	424.0	24.58	.30	--	--	--	100	*	--
Erickson (MI)	10	172.2	44.19	.81	--	--	--	--	--	--	--	100	--	--
Long Island Lighting Co	--	--	--	--	860	310.9	19.87	.96	1,610	256.8	2.65	--	77	23
Barrett (NY)	--	--	--	--	--	--	--	--	1,610	256.8	2.65	--	--	100
Northport (NY)	--	--	--	--	663	311.5	19.90	.95	--	--	--	--	100	--
Port Jefferson (NY)	--	--	--	--	197	308.8	19.77	.99	--	--	--	--	100	--
Los Angeles City of	396	150.0	35.41	.45	--	--	--	--	4,618	350.9	3.58	67	--	33
Haynes (CA)	--	--	--	--	--	--	--	--	4,071	350.9	3.57	--	--	100
Intermountain (UT)	396	150.0	35.41	.45	--	--	--	--	--	--	--	100	--	--
Scattergood (CA)	--	--	--	--	--	--	--	--	528	350.9	3.60	--	--	100
Valley (CA)	--	--	--	--	--	--	--	--	18	350.9	3.60	--	--	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, April 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)			
Louisiana Power & Light Co	--	--	--	--	1	494.0	28.38	0.26	4,469	249.1	2.58	--	*	100
Little Gypsy (LA)	--	--	--	--	--	--	--	--	1,011	243.7	2.53	--	--	100
Nine Mile (LA)	--	--	--	--	--	--	--	--	2,405	245.3	2.56	--	--	100
Sterlington (LA)	--	--	--	--	1	494.0	28.38	.26	16	239.0	2.50	--	26	74
Waterford (LA)	--	--	--	--	--	--	--	--	1,037	263.5	2.70	--	--	100
Louisville Gas & Electric Co	444	111.8	25.89	2.87	--	--	--	--	19	312.4	3.20	100	--	*
Cane Run (KY)	118	117.1	27.46	2.90	--	--	--	--	13	312.4	3.20	100	--	*
Mill Creek (KY)	200	113.6	26.32	2.83	--	--	--	--	6	312.4	3.20	100	--	*
Trimble County (KY)	126	103.8	23.74	2.91	--	--	--	--	--	--	--	100	--	--
Lower Colorado River Authority	539	124.2	21.38	.32	--	--	--	--	1,689	224.6	2.33	84	--	16
Gideon (TX)	--	--	--	--	--	--	--	--	1,092	225.1	2.34	--	--	100
S Seymour-Fayette (TX)	539	124.2	21.38	.32	--	--	--	--	--	--	--	100	--	--
T C Ferguson (TX)	--	--	--	--	--	--	--	--	597	223.5	2.31	--	--	100
Lubbock City of	--	--	--	--	--	--	--	--	363	252.3	2.58	--	--	100
Holly Ave (TX)	--	--	--	--	--	--	--	--	363	252.3	2.58	--	--	100
Madison Gas & Electric Co	--	--	--	--	--	--	--	--	142	195.9	1.97	--	--	100
Blount (WI)	--	--	--	--	--	--	--	--	142	195.9	1.97	--	--	100
Manitowoc Public Utilities	10	174.2	44.38	.67	--	--	--	--	--	--	--	100	--	--
Manitowoc (WI)	10	174.2	44.38	.67	--	--	--	--	--	--	--	100	--	--
Marquette City of	21	183.3	32.55	.43	--	--	--	--	--	--	--	100	--	--
Shiras (MI)	21	183.3	32.55	.43	--	--	--	--	--	--	--	100	--	--
Massachusetts Mun Wholes EI Co	--	--	--	--	--	--	--	--	192	245.0	2.51	--	--	100
Stonybrook (MA)	--	--	--	--	--	--	--	--	192	245.0	2.51	--	--	100
Medina Electric Coop Inc	--	--	--	--	--	--	--	--	12	243.0	2.59	--	--	100
Pearsall (TX)	--	--	--	--	--	--	--	--	12	243.0	2.59	--	--	100
Metropolitan Edison Co	58	135.9	36.24	1.47	1	424.3	24.24	.30	--	--	--	99	1	--
Portland (PA)	29	133.4	35.72	1.36	--	--	--	--	--	--	--	100	--	--
Titus (PA)	29	138.5	36.76	1.59	1	424.3	24.24	.30	--	--	--	99	1	--
Michigan South Central Pwr Agcy	13	162.0	38.89	3.48	--	--	--	--	--	--	--	100	--	--
Project I (MI)	13	162.0	38.89	3.48	--	--	--	--	--	--	--	100	--	--
Midwest Power	800	90.3	15.37	.39	7	434.1	25.16	.00	20	455.3	4.52	100	*	*
Council Bluffs (IA)	293	107.0	17.63	.39	--	--	--	--	5	359.7	3.50	100	--	*
George Neal 1-4 (IA)	507	81.1	14.07	.39	7	434.1	25.16	.00	15	485.3	4.85	99	*	*
Minnesota Power & Light Co	345	108.0	19.59	.54	*	458.3	26.37	.20	--	--	--	100	*	--
Boswell Energy Center (MN)	318	106.7	19.25	.52	*	458.3	26.37	.20	--	--	--	100	*	--
Laskin Energy Center (MN)	27	121.8	23.53	.80	--	--	--	--	--	--	--	100	--	--
Minnkota Power Coop Inc	290	48.6	6.63	.86	1	457.1	26.88	.40	--	--	--	100	*	--
Young (ND)	290	48.6	6.63	.86	1	457.1	26.88	.40	--	--	--	100	*	--
Mississippi Power & Light Co	--	--	--	--	14	187.3	11.92	2.68	102	233.6	2.39	--	46	54
Brown (MS)	--	--	--	--	*	457.9	26.38	.30	46	234.2	2.39	--	*	100
Gerald Andrus (MS)	--	--	--	--	*	488.2	28.50	.30	--	--	--	--	100	--
Wilson (MS)	--	--	--	--	13	178.9	11.41	2.75	56	233.1	2.39	--	60	40
Mississippi Power Co	291	149.3	34.44	1.32	2	421.4	24.34	.00	32	244.5	2.34	99	*	*
Daniel (MS)	149	165.2	35.13	.50	2	421.4	24.34	.00	--	--	--	100	--	--
Sweatt (MS)	--	--	--	--	--	--	--	--	3	277.4	2.78	--	--	100
Watson (MS)	143	135.2	33.72	2.18	--	--	--	--	29	240.7	2.30	99	--	1
Missouri Public Service Comm	64	106.7	21.95	.46	--	--	--	--	--	--	--	100	--	--
Sibley (MO)	64	106.7	21.95	.46	--	--	--	--	--	--	--	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, April 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	931	125.5	32.21	2.74	7	476.2	28.20	0.30	28	380.0	3.80	100	*	*
Albright (WV)	38	101.3	24.98	1.42	*	488.6	28.93	.30	--	--	--	100	*	--
Ft Martin (WV)	180	146.0	36.94	1.80	1	488.4	28.92	.30	--	--	--	100	*	--
Harrison (WV)	418	136.0	35.90	3.05	*	478.9	28.36	.30	28	380.0	3.80	100	*	*
Pleasants (WV)	268	98.3	24.59	3.20	5	471.6	27.93	.30	--	--	--	100	*	--
Rivesville (WV)	5	121.9	29.95	.94	--	--	--	--	--	--	--	100	--	--
Willow Island (WV)	23	116.9	29.04	1.50	*	476.9	28.24	.30	--	--	--	100	*	--
Montana Power Co	339	58.2	10.03	.64	2	450.0	26.65	.00	2	772.5	9.09	100	*	*
Colstrip (MT)	274	57.0	9.82	.64	2	450.0	26.65	.00	--	--	--	100	*	--
Corette (MT)	65	62.8	10.95	.63	--	--	--	--	2	772.5	9.09	100	--	*
Montana-Dakota Utilities Co	88	93.3	12.80	.75	3	467.3	26.80	.30	*	422.1	4.60	99	1	*
Coyote (ND)	34	77.9	10.68	.98	3	467.3	26.80	.30	--	--	--	97	3	--
Heskett (ND)	33	105.1	14.79	.61	--	--	--	--	*	401.9	4.27	100	--	*
Lewis and Clark (MT)	22	99.0	13.11	.60	--	--	--	--	*	424.1	4.64	100	--	*
Morgan City City of	--	--	--	--	--	--	--	--	4	266.0	2.77	--	--	100
Morgan City (LA)	--	--	--	--	--	--	--	--	4	266.0	2.77	--	--	100
Muscataine City of	61	85.4	14.65	1.18	--	--	--	--	8	320.3	3.27	99	--	1
Muscataine (IA)	61	85.4	14.65	1.18	--	--	--	--	8	320.3	3.27	99	--	1
Nebraska Public Power District	455	83.2	14.60	.30	*	473.1	27.45	.00	41	284.0	2.70	99	*	*
Gerald Gentleman (NE)	422	83.6	14.67	.30	*	473.1	27.45	.00	41	281.9	2.68	99	*	1
Sheldon (NE)	33	78.2	13.65	.29	--	--	--	--	*	585.9	5.86	100	--	*
Nevada Power Co	149	180.1	42.61	.50	--	--	--	--	5	440.7	4.52	100	--	*
Clark (NV)	--	--	--	--	--	--	--	--	5	440.7	4.52	--	--	100
Gardner (NV)	149	180.1	42.61	.50	--	--	--	--	--	--	--	100	--	--
New England Power Co	318	166.4	43.00	.98	639	414.8	26.34	2.05	1	275.0	2.82	67	33	*
Brayton (MA)	238	166.4	43.20	.99	340	424.1	26.90	2.06	1	275.0	2.82	74	26	*
Salem Harbor (MA)	80	166.5	42.43	.94	299	404.2	25.70	2.03	--	--	--	52	48	--
New Orleans Public Service Inc	--	--	--	--	2	200.6	12.78	1.43	1,820	234.8	2.43	--	1	99
Michoud (LA)	--	--	--	--	2	200.6	12.78	1.43	1,820	234.8	2.43	--	1	99
New York State Elec & Gas Corp	213	134.3	33.87	1.94	1	551.5	31.73	.14	--	--	--	100	*	--
Goudey (NY)	46	131.8	34.62	2.22	1	538.4	30.98	.14	--	--	--	100	*	--
Greenidge (NY)	45	133.9	34.70	2.27	*	584.1	33.61	.14	--	--	--	100	*	--
Hickling (NY)	23	122.8	25.92	1.42	--	--	--	--	--	--	--	100	--	--
Jennison (NY)	25	154.9	33.55	1.24	--	--	--	--	--	--	--	100	--	--
Kintigh (NY)	75	133.3	35.43	1.97	--	--	--	--	--	--	--	100	--	--
Niagara Mohawk Power Corp	181	141.6	37.23	1.99	200	285.0	17.98	.66	707	259.2	2.65	71	19	11
Albany (NY)	--	--	--	--	--	--	--	--	611	255.7	2.61	--	--	100
Dunkirk (NY)	89	139.5	36.76	2.17	2	421.4	24.56	.51	--	--	--	100	*	--
Huntley (NY)	92	143.7	37.69	1.81	2	584.3	33.79	.30	--	--	--	100	*	--
Oswego (NY)	--	--	--	--	197	281.8	17.80	.66	95	281.4	2.91	--	93	7
Northern Indiana Pub Serv Co	574	140.0	30.58	1.76	--	--	--	--	277	260.1	2.60	98	--	2
Bailly (IN)	99	129.3	28.81	2.85	--	--	--	--	5	271.1	2.71	100	--	*
Michigan City (IN)	75	126.1	29.01	1.60	--	--	--	--	129	259.2	2.59	93	--	7
Mitchell (IN)	92	117.9	22.48	.38	--	--	--	--	6	268.6	2.69	100	--	*
Rollin Schahfer (IN)	307	152.7	33.96	1.86	--	--	--	--	138	260.3	2.60	98	--	2
Northern States Power Co	785	123.2	21.61	.34	--	--	--	--	39	225.9	2.33	100	--	*
Black Dog (MN)	94	106.1	18.77	.31	--	--	--	--	15	220.8	2.25	99	--	1
High Bridge (MN)	56	133.5	23.43	.21	--	--	--	--	19	229.3	2.39	98	--	2
King (MN)	122	100.3	17.68	.33	--	--	--	--	1	229.3	2.33	100	--	*
Riverside (MN)	102	126.5	22.24	.20	--	--	--	--	4	227.4	2.31	100	--	*
Sherburne County (MN)	410	131.7	23.03	.40	--	--	--	--	--	--	--	100	--	--
Ohio Edison Co	637	117.0	28.45	2.02	3	456.9	26.29	.27	--	--	--	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, April 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)			
Ohio Edison Co														
Burger (OH)	108	102.1	24.76	3.47	1	462.5	26.68	0.37	--	--	--	100	*	--
Edgewater (OH)	1	112.2	25.87	1.55	--	--	--	--	--	--	--	100	--	--
Niles (OH)	54	108.0	25.60	2.57	*	452.6	26.23	.30	--	--	--	100	*	--
Sammis (OH)	452	122.7	29.94	1.54	2	455.5	26.16	.24	--	--	--	100	*	--
Toronto (OH)	22	95.1	22.96	3.52	--	--	--	--	--	--	--	100	--	--
Ohio Power Co	1,352	149.8	35.09	3.21	2	454.6	26.06	.00	--	--	--	100	*	--
Gavin (OH)	676	153.4	35.21	3.19	--	--	--	--	--	--	--	100	--	--
Kammer (WV)	177	110.8	27.15	4.00	*	481.0	28.10	.00	--	--	--	100	*	--
Mitchell (WV)	206	148.5	36.40	1.39	--	--	--	--	--	--	--	100	--	--
Muskingum (OH)	293	167.7	38.71	4.07	2	451.9	25.86	.00	--	--	--	100	*	--
Ohio Valley Electric Corp	215	114.2	27.67	3.78	1	575.6	33.60	.37	--	--	--	100	*	--
Kyger Creek (OH)	215	114.2	27.67	3.78	1	575.6	33.60	.37	--	--	--	100	*	--
Oklahoma Gas & Electric Co	659	115.8	20.40	.34	--	--	--	--	4,339	397.2	4.12	72	--	28
Horseshoe Lake (OK)	--	--	--	--	--	--	--	--	799	397.4	4.12	--	--	100
Muskogee (OK)	297	112.5	19.88	.38	--	--	--	--	507	396.8	4.11	91	--	9
Mustang (OK)	--	--	--	--	--	--	--	--	751	396.7	4.11	--	--	100
Seminole (OK)	--	--	--	--	--	--	--	--	2,282	397.4	4.12	--	--	100
Sooner (OK)	361	118.6	20.82	.30	--	--	--	--	--	--	--	100	--	--
Omaha Public Power District	235	68.4	11.33	.39	5	442.5	25.55	.20	9	340.0	3.26	99	1	*
Nebraska City (NE)	121	69.2	11.43	.37	5	442.5	25.55	.20	--	--	--	99	1	--
North Omaha (NE)	113	67.6	11.22	.40	--	--	--	--	9	340.0	3.26	100	--	*
Orange & Rockland Utils Inc	--	--	--	--	320	317.8	19.97	.36	2,351	309.0	3.19	--	45	55
Bowline (NY)	--	--	--	--	320	317.8	19.97	.36	2,196	308.7	3.19	--	47	53
Lovett (NY)	--	--	--	--	--	--	--	--	155	312.9	3.23	--	--	100
Orlando Utilities Comm	76	191.6	48.76	.71	105	252.2	16.07	.97	1,226	260.0	2.67	50	17	32
Indian River (FL)	--	--	--	--	105	252.2	16.07	.97	1,226	260.0	2.67	--	35	65
Stanton Energy (FL)	76	191.6	48.76	.71	--	--	--	--	--	--	--	100	--	--
Orrville City of	12	100.2	23.80	3.92	--	--	--	--	--	--	--	100	--	--
Orrville (OH)	12	100.2	23.80	3.92	--	--	--	--	--	--	--	100	--	--
Otter Tail Power Co	235	114.9	14.84	.81	*	447.1	26.29	.31	--	--	--	100	*	--
Big Stone (SD)	208	113.1	13.78	.88	--	--	--	--	--	--	--	100	--	--
Hoot Lake (MN)	27	124.2	22.96	.30	*	447.1	26.29	.31	--	--	--	100	*	--
Owensboro City of	81	86.5	19.36	2.72	--	--	--	--	--	--	--	100	--	--
Smith (KY)	81	86.5	19.36	2.72	--	--	--	--	--	--	--	100	--	--
Pacific Gas & Electric Co	--	--	--	--	--	--	--	--	12,814	289.7	2.97	--	--	100
Contra Costa (CA)	--	--	--	--	--	--	--	--	1,565	289.7	2.97	--	--	100
Humboldt Bay (CA)	--	--	--	--	--	--	--	--	180	289.7	2.96	--	--	100
Hunters Point (CA)	--	--	--	--	--	--	--	--	619	289.7	2.95	--	--	100
Morro Bay (CA)	--	--	--	--	--	--	--	--	1,190	289.7	2.99	--	--	100
Moss Landing (CA)	--	--	--	--	--	--	--	--	4,415	289.7	2.98	--	--	100
Pittsburg (CA)	--	--	--	--	--	--	--	--	3,984	289.7	2.95	--	--	100
Potrero (CA)	--	--	--	--	--	--	--	--	861	289.7	2.95	--	--	100
Pacific Power & Light Co	2,575	95.0	17.99	.58	8	499.4	29.37	.30	391	182.5	1.90	99	*	1
Carbon (UT)	54	71.2	17.16	.46	1	503.0	29.58	.30	--	--	--	100	*	--
Centralia (WA)	541	134.8	22.50	.70	2	476.0	27.99	.30	--	--	--	100	*	--
Emery-Hunter (UT)	343	94.1	21.40	.50	4	508.6	29.91	.30	--	--	--	100	*	--
Gadsby (UT)	--	--	--	--	--	--	--	--	384	179.8	1.87	--	--	100
Huntington (UT)	251	74.4	17.46	.52	--	--	--	--	--	--	--	100	--	--
Jim Bridger (WY)	608	101.8	19.41	.62	--	--	--	--	--	--	--	100	--	--
Johnston (WY)	370	57.0	9.05	.43	--	--	--	--	--	--	--	100	--	--
Naughton (WY)	226	103.2	20.14	.64	1	506.2	29.76	.30	7	327.7	3.41	100	*	*
Wyodak (WY)	182	62.8	9.93	.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, April 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			
Painesville City of	7	142.2	34.53	2.77	--	--	--	--	1	421.0	4.21	100	--	*
Painesville (OH)	7	142.2	34.53	2.77	--	--	--	--	1	421.0	4.21	100	--	*
Pasadena City of	--	--	--	--	--	--	--	--	251	312.0	3.22	--	--	100
Broadway (CA)	--	--	--	--	--	--	--	--	251	312.0	3.22	--	--	100
Pennsylvania Electric Co	1,433	126.5	30.72	1.93	13	428.8	24.94	0.05	5	313.1	3.22	100	*	*
Conemaugh (PA)	362	116.3	28.84	2.21	--	--	--	--	5	313.1	3.22	100	--	*
Homer City (PA)	469	134.7	31.28	2.03	4	433.4	25.12	.05	--	--	--	100	*	--
Keystone (PA)	394	133.5	33.23	1.65	1	437.3	25.48	.05	--	--	--	100	*	--
Seward (PA)	57	116.0	28.49	1.50	1	438.9	25.44	.05	--	--	--	100	*	--
Shawville (PA)	139	112.3	27.57	1.90	7	423.6	24.69	.05	--	--	--	99	1	--
Warren (PA)	12	121.5	29.78	1.57	--	--	--	--	--	--	--	100	--	--
Pennsylvania Power & Light Co	690	149.6	37.70	1.79	83	411.3	24.27	.13	--	--	--	97	3	--
Brunner Island (PA)	249	146.2	38.80	1.79	7	430.1	25.14	.09	--	--	--	99	1	--
Holtwood (PA)	19	103.3	17.25	.57	--	--	--	--	--	--	--	100	--	--
Martins Creek (PA)	40	153.5	40.43	1.77	--	--	--	--	--	--	--	100	--	--
Montour (PA)	339	155.4	38.51	1.87	5	425.0	24.96	.12	--	--	--	100	*	--
Storage Facility #1	--	--	--	--	70	408.4	24.14	.14	--	--	--	--	100	--
Sunbury (PA)	43	134.3	31.39	1.70	1	417.4	24.38	.12	--	--	--	99	1	--
Pennsylvania Power Co	628	157.4	38.75	3.12	--	--	--	--	--	--	--	100	--	--
Bruce Mansfield (PA)	568	161.5	39.68	3.29	--	--	--	--	--	--	--	100	--	--
New Castle (PA)	60	119.5	29.93	1.55	--	--	--	--	--	--	--	100	--	--
Philadelphia Electric Co	39	146.9	39.19	2.07	12	381.3	23.39	.30	247	300.7	3.10	76	5	19
Cromby (PA)	39	146.9	39.19	2.07	4	353.5	21.71	.46	247	300.7	3.10	79	2	19
Delaware (PA)	--	--	--	--	1	669.7	39.55	.06	--	--	--	--	100	--
Eddystone (PA)	--	--	--	--	3	435.4	25.72	.06	--	--	--	--	100	--
Schuylkill (PA)	--	--	--	--	4	303.4	19.27	.37	--	--	--	--	100	--
Plains Elec Gen&Trans Coop Inc	39	142.9	25.92	.59	--	--	--	--	5	426.2	3.54	99	--	1
Escalante (NM)	39	142.9	25.92	.59	--	--	--	--	5	426.2	3.54	99	--	1
Platte River Power Authority	108	72.0	12.72	.32	--	--	--	--	--	--	--	100	--	--
Rawhide (CO)	108	72.0	12.72	.32	--	--	--	--	--	--	--	100	--	--
Portland General Electric Co	187	112.7	19.94	.40	--	--	--	--	--	--	--	100	--	--
Boardman (OR)	187	112.7	19.94	.40	--	--	--	--	--	--	--	100	--	--
Potomac Edison Co	20	138.1	35.13	.92	*	433.0	25.64	.30	--	--	--	100	*	--
Smith (MD)	20	138.1	35.13	.92	*	433.0	25.64	.30	--	--	--	100	*	--
Potomac Electric Power Co	397	166.2	41.99	1.48	681	263.7	16.73	1.34	38	289.5	3.00	70	30	*
Chalk (MD)	118	171.8	42.75	1.83	681	263.7	16.73	1.34	38	289.5	3.00	40	59	1
Dickerson (MD)	109	142.3	35.99	1.46	--	--	--	--	--	--	--	100	--	--
Morgantown (MD)	88	175.9	44.54	1.66	--	--	--	--	--	--	--	100	--	--
Potomac River (VA)	82	179.4	46.14	.82	--	--	--	--	--	--	--	100	--	--
Power Authority of State of NY	--	--	--	--	50	292.0	19.25	.30	1,591	414.4	4.28	--	17	83
Poletti (NY)	--	--	--	--	50	292.0	19.25	.30	1,591	414.4	4.28	--	17	83
Public Service Co of Colorado	604	111.1	21.43	.38	--	--	--	--	177	224.1	2.23	99	--	1
Arapahoe (CO)	55	107.2	23.87	.45	--	--	--	--	2	223.4	2.19	100	--	*
Cameo (CO)	21	93.6	21.02	.56	--	--	--	--	*	459.3	4.74	100	--	*
Cherokee (CO)	147	109.7	24.66	.44	--	--	--	--	45	217.0	2.13	99	--	1
Comanche (CO)	166	118.8	20.21	.28	--	--	--	--	2	195.5	1.93	100	--	*
Hayden (CO)	59	115.7	24.47	.41	--	--	--	--	2	208.5	2.26	100	--	*
Pawnee (CO)	155	107.2	17.68	.37	--	--	--	--	25	250.4	2.67	99	--	1
Valmont (CO)	--	--	--	--	--	--	--	--	8	181.0	1.79	--	--	100
Zuni (CO)	--	--	--	--	--	--	--	--	93	223.4	2.19	--	--	100
Public Service Co of NH	111	162.0	43.18	1.91	3	432.1	24.88	.30	6	219.2	2.22	99	1	*
Merrimack (NH)	111	162.0	43.18	1.91	*	426.5	24.86	.30	--	--	--	100	*	--
Newington Station (NH)	--	--	--	--	3	432.5	24.88	.30	6	219.2	2.22	--	74	26

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, April 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)			
Public Service Co of NM	404	197.5	37.28	0.88	--	--	--	--	277	328.4	3.47	96	--	4
Reeves (NM)	--	--	--	--	--	--	--	--	277	328.4	3.47	--	--	100
San Juan (NM)	404	197.5	37.28	.88	--	--	--	--	--	--	--	100	--	--
Public Service Co of Oklahoma	191	150.6	26.09	.45	--	--	--	--	4,981	280.4	2.90	39	--	61
Comanche (CS) (OK)	--	--	--	--	--	--	--	--	827	280.4	3.05	--	--	100
Northeastern (OK)	191	150.6	26.09	.45	--	--	--	--	229	280.4	2.88	93	--	7
Riverside (OK)	--	--	--	--	--	--	--	--	3,263	280.4	2.87	--	--	100
Southwestern (OK)	--	--	--	--	--	--	--	--	662	280.4	2.89	--	--	100
Public Service Electric&Gas Co	139	181.9	50.21	.81	--	--	--	--	235	259.5	2.68	94	--	6
Bergen (NJ)	--	--	--	--	--	--	--	--	154	260.2	2.69	--	--	100
Hudson (NJ)	39	185.0	48.38	.79	--	--	--	--	--	261.0	2.69	100	--	--
Mercer (NJ)	100	180.8	50.93	.82	--	--	--	--	69	259.1	2.68	98	--	2
Sewaren (NJ)	--	--	--	--	--	--	--	--	11	251.2	2.59	--	--	100
PSI Energy Inc	871	133.9	29.79	1.78	15	435.9	25.08	0.30	--	--	--	100	*	--
Cayuga (IN)	119	136.2	30.29	2.06	1	451.7	25.99	.30	--	--	--	100	*	--
Edwardsport (IN)	15	87.5	19.85	2.52	--	--	--	--	--	--	--	100	--	--
Gallagher (IN)	38	134.6	29.19	2.10	4	446.8	25.71	.30	--	--	--	97	3	--
Gibson Station (IN)	568	138.1	30.71	1.62	6	423.4	24.36	.30	--	--	--	100	*	--
Noblesville (IN)	15	129.5	29.14	2.09	*	432.0	24.86	.30	--	--	--	100	*	--
Wabash River (IN)	116	117.7	26.36	2.06	5	439.7	25.30	.30	--	--	--	99	1	--
Richmond City of	22	143.3	33.47	1.99	--	--	--	--	--	--	--	100	--	--
Whitewater (IN)	22	143.3	33.47	1.99	--	--	--	--	--	--	--	100	--	--
Rochester City of	3	174.0	41.48	1.35	--	--	--	--	4	491.7	5.00	96	--	4
Silver Lake (MN)	3	174.0	41.48	1.35	--	--	--	--	4	491.7	5.00	96	--	4
Rochester Gas & Electric Corp	84	126.0	33.50	2.44	--	--	--	--	--	--	--	100	--	--
Beebee Station 3 (NY)	17	123.7	32.99	2.54	--	--	--	--	--	--	--	100	--	--
Russell Station 7 (NY)	67	126.6	33.63	2.41	--	--	--	--	--	--	--	100	--	--
Ruston City of	--	--	--	--	--	--	--	--	125	239.8	2.55	--	--	100
Steam Plant (LA)	--	--	--	--	--	--	--	--	125	239.8	2.55	--	--	100
S Mississippi Elec Pwr Assn	54	206.9	51.36	.91	--	--	--	--	283	228.0	2.27	83	--	17
Moselle (MS)	--	--	--	--	--	--	--	--	283	228.0	2.27	--	--	100
R D Morrow (MS)	54	206.9	51.36	.91	--	--	--	--	--	--	--	100	--	--
Salt River Proj Ag I & P Dist	698	130.1	27.80	.48	--	--	--	--	75	² 492.2	5.06	99	--	1
Agua Fria (AZ)	--	--	--	--	--	--	--	--	*	10,000.0	103.50	--	--	100
Coronado (AZ)	238	171.3	34.72	.41	--	--	--	--	--	--	--	100	--	--
Kyrene (AZ)	--	--	--	--	--	--	--	--	28	465.6	4.77	--	--	100
Navajo (AZ)	460	110.4	24.22	.51	--	--	--	--	--	--	--	100	--	--
Santan (AZ)	--	--	--	--	--	--	--	--	48	501.7	5.16	--	--	100
San Antonio City of	418	125.8	21.12	.33	--	--	--	--	2,700	237.5	2.44	72	--	28
Braunig (TX)	--	--	--	--	--	--	--	--	868	237.5	2.44	--	--	100
JT Deely/Spruce (TX)	418	125.8	21.12	.33	--	--	--	--	6	230.6	2.40	100	--	*
Sommers (TX)	--	--	--	--	--	--	--	--	1,826	237.5	2.44	--	--	100
San Diego Gas & Electric Co	--	--	--	--	--	--	--	--	3,310	333.0	3.42	--	--	100
Encina (CA)	--	--	--	--	--	--	--	--	1,648	333.4	3.42	--	--	100
South Bay (CA)	--	--	--	--	--	--	--	--	1,662	332.7	3.43	--	--	100
San Miguel Electric Coop Inc	257	92.8	10.08	1.97	--	--	--	--	--	--	--	100	--	--
San Miguel (TX)	257	92.8	10.08	1.97	--	--	--	--	--	--	--	100	--	--
Savannah Electric & Power Co	3	162.2	42.28	.97	*	493.5	28.60	.50	5	393.1	4.03	91	3	6
Kraft (GA)	3	162.2	42.28	.97	--	--	--	--	5	393.1	4.03	93	--	7
McIntosh (GA)	--	--	--	--	*	493.5	28.60	.50	--	--	--	--	100	--
Seminole Electric Coop Inc	289	183.0	44.66	2.51	2	462.2	26.46	.18	--	--	--	100	*	--
Seminole (FL)	289	183.0	44.66	2.51	2	462.2	26.46	.18	--	--	--	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, April 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ³		Avg. Sul- fur %	Receipts	Average Cost ⁴		Coal	Pe- tro- leum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf		
Sierra Pacific Power Co	47	198.4	40.45	0.43	2	537.8	31.28	0.00	1,401	212.0	2.16	40	*	59
Fort Churchill (NV)	--	--	--	--	--	--	--	--	784	212.0	2.16	--	--	100
North Valmy (NV)	47	198.4	40.45	.43	2	537.8	31.28	.00	--	--	--	99	1	--
Tracy (NV)	--	--	--	--	--	--	--	--	617	212.0	2.16	--	--	100
Sikeston City of	10	174.8	42.01	2.47	2	412.1	24.40	.26	--	--	--	95	5	--
Sikeston (MO)	10	174.8	42.01	2.47	2	412.1	24.40	.26	--	--	--	95	5	--
Solid Waste Auth of Central Ohio ..	--	--	--	--	--	--	--	--	6	251.5	2.60	--	--	100
Solid Waste R F (OH)	--	--	--	--	--	--	--	--	6	251.5	2.60	--	--	100
South Carolina Electric&Gas Co	357	158.8	41.22	1.10	4	449.6	26.06	.20	18	312.2	3.18	100	*	*
Canadys (SC)	43	159.1	39.88	1.22	--	--	--	--	15	311.9	3.18	99	--	1
Urguhart (SC)	51	157.0	42.42	1.33	--	--	--	--	3	313.5	3.19	100	--	*
Wateree (SC)	154	156.1	40.67	1.15	2	453.0	26.26	.20	--	--	--	100	*	--
Williams (SC)	108	163.2	41.97	.87	2	445.3	25.81	.20	--	--	--	100	*	--
South Carolina Pub Serv Auth	348	155.0	38.90	1.27	--	--	--	--	--	--	--	100	--	--
Cross (SC)	196	160.7	40.15	1.15	--	--	--	--	--	--	--	100	--	--
Grainger (SC)	5	153.2	38.23	1.89	--	--	--	--	--	--	--	100	--	--
Jefferies (SC)	88	144.0	36.10	1.58	--	--	--	--	--	--	--	100	--	--
Winyah (SC)	60	152.6	38.93	1.14	--	--	--	--	--	--	--	100	--	--
Southern California Edison Co	212	172.2	37.67	.50	--	--	--	--	10,563	312.6	3.24	30	--	70
Alamitos (CA)	--	--	--	--	--	--	--	--	3,217	316.6	3.23	--	--	100
Cool Water (CA)	--	--	--	--	--	--	--	--	145	236.7	2.48	--	--	100
El Segundo (CA)	--	--	--	--	--	--	--	--	1,277	313.2	3.26	--	--	100
Etlwanda (CA)	--	--	--	--	--	--	--	--	983	323.4	3.33	--	--	100
Highgrove (CA)	--	--	--	--	--	--	--	--	44	324.8	3.35	--	--	100
Huntington Beach (CA)	--	--	--	--	--	--	--	--	704	284.3	2.93	--	--	100
Long Beach (CA)	--	--	--	--	--	--	--	--	175	323.6	3.33	--	--	100
Mandalay (CA)	--	--	--	--	--	--	--	--	896	311.8	3.32	--	--	100
Mohave (NV)	212	172.2	37.67	.50	--	--	--	--	129	278.5	2.87	97	--	3
Ormond Beach (CA)	--	--	--	--	--	--	--	--	813	322.8	3.34	--	--	100
Redondo (CA)	--	--	--	--	--	--	--	--	2,180	313.2	3.28	--	--	100
Southern Illinois Power Coop	11	99.2	22.14	2.88	1	460.6	26.25	.00	--	--	--	98	2	--
Marion (IL)	11	99.2	22.14	2.88	1	460.6	26.25	.00	--	--	--	98	2	--
Southern Indiana Gas & Elec Co	150	152.6	34.03	2.71	--	--	--	--	9	286.8	2.94	100	--	*
A B Brown (IN)	55	188.6	43.83	3.73	--	--	--	--	5	286.8	2.94	100	--	*
Culley (IN)	69	136.3	29.58	2.12	--	--	--	--	2	286.8	2.94	100	--	*
Warrick (IN)	26	113.7	24.92	2.09	--	--	--	--	1	286.8	2.94	100	--	*
Southwestern Electric Power Co	955	137.9	21.83	.57	--	--	--	--	1,396	342.5	3.35	92	--	8
Flint Creek (AR)	202	126.7	21.61	.28	--	--	--	--	--	--	--	100	--	--
Knox Lee (TX)	--	--	--	--	--	--	--	--	318	250.3	2.67	--	--	100
Pirkey (TX)	294	99.3	13.26	1.18	--	--	--	--	12	270.0	2.75	100	--	*
Welsh Station (TX)	459	162.5	27.42	.31	--	--	--	--	--	--	--	100	--	--
Wilkes (TX)	--	--	--	--	--	--	--	--	1,066	374.2	3.55	--	--	100
Southwestern Public Service Co	664	175.0	30.88	.29	--	--	--	--	4,685	206.7	2.06	72	--	28
Cunningham (NM)	--	--	--	--	--	--	--	--	1,138	218.8	2.15	--	--	100
Harrington (TX)	314	145.8	25.68	.29	--	--	--	--	17	246.0	2.48	100	--	*
Jones (TX)	--	--	--	--	--	--	--	--	910	207.7	2.11	--	--	100
Maddox (NM)	--	--	--	--	--	--	--	--	491	211.6	2.17	--	--	100
Nichols (TX)	--	--	--	--	--	--	--	--	1,694	190.8	1.86	--	--	100
Plant X (TX)	--	--	--	--	--	--	--	--	418	225.3	2.29	--	--	100
Tolk (TX)	350	201.0	35.55	.29	--	--	--	--	17	246.0	2.50	100	--	*
Springfield City of	68	135.6	32.00	1.25	--	--	--	--	17	238.5	2.42	99	--	1
James River (MO)	32	137.3	32.96	.90	--	--	--	--	12	238.5	2.42	98	--	2
Southwest (MO)	36	134.0	31.13	1.56	--	--	--	--	5	238.5	2.42	99	--	1
Springfield City of	70	113.3	23.51	3.02	1	427.1	24.75	.20	--	--	--	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, April 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			
Springfield City of														
Dallman (IL)	62	113.3	23.51	3.02	1	427.1	24.75	0.20	--	--	--	100	*	--
Lakeside (IL)	8	113.2	23.51	3.02	--	--	--	--	--	--	--	100	--	--
St Joseph Light & Power Co	13	140.9	32.55	3.88	--	--	--	--	16	259.7	2.62	95	--	5
Lakeroad (MO)	13	140.9	32.55	3.88	--	--	--	--	16	259.7	2.62	95	--	5
Sunflower Electric Coop Inc	92	110.0	18.47	.36	--	--	--	--	5	325.0	2.60	100	--	*
Holcomb (KS)	92	110.0	18.47	.36	--	--	--	--	5	325.0	2.60	100	--	*
Tacoma City of	4	183.0	34.66	.41	*	681.0	39.47	.50	*	621.0	6.52	97	2	1
Steam No.2 (WA)	4	183.0	34.66	.41	*	681.0	39.47	.50	*	621.0	6.52	97	2	1
Tallahassee City of	--	--	--	--	--	--	--	--	942	251.0	2.61	--	--	100
Hopkins (FL)	--	--	--	--	--	--	--	--	941	251.0	2.61	--	--	100
Purdom (FL)	--	--	--	--	--	--	--	--	1	251.0	2.60	--	--	100
Tampa Electric Co	602	182.1	45.16	1.99	9	440.0	25.59	.15	--	--	--	100	*	--
Big Bend (FL)	--	--	--	--	5	443.9	25.73	.10	--	--	--	--	100	--
Davant Transfer (LA)	540	177.1	43.65	2.08	--	--	--	--	--	--	--	100	--	--
Gannon (FL)	62	222.4	58.20	1.19	3	434.0	25.38	.23	--	--	--	99	1	--
Hookers Point (FL)	--	--	--	--	*	437.6	25.36	.20	--	--	--	--	100	--
Taunton City of	--	--	--	--	4	250.6	15.86	2.20	--	--	--	--	100	--
Clary (MA)	--	--	--	--	4	250.6	15.86	2.20	--	--	--	--	100	--
Tennessee Valley Authority	3,418	123.4	29.55	2.30	23	440.8	25.54	.50	--	--	--	100	*	--
Allen (TN)	103	126.0	30.65	2.16	1	467.3	27.07	.50	--	--	--	100	*	--
Bull Run (TN)	189	121.0	31.35	1.26	8	422.8	24.47	.50	--	--	--	99	1	--
Colbert (AL)	224	129.1	30.43	1.72	1	511.4	29.08	.50	--	--	--	100	*	--
Cumberland (TN)	677	130.8	30.74	2.85	3	426.6	24.90	.50	--	--	--	100	*	--
Gallatin (TN)	222	121.8	30.07	2.74	*	510.5	29.74	.50	--	--	--	100	*	--
Johnsonville (TN)	305	134.2	31.93	1.70	1	546.8	31.95	.50	--	--	--	100	*	--
Kingston (TN)	370	120.8	30.37	1.37	2	424.7	24.58	.50	--	--	--	100	*	--
Paradise (KY)	597	106.5	23.82	3.88	3	425.2	24.80	.50	--	--	--	100	*	--
Sevier (TN)	165	123.9	31.47	1.33	--	--	--	--	--	--	--	100	--	--
Shawnee (KY)	251	126.1	30.39	1.41	1	469.6	27.14	.50	--	--	--	100	*	--
Widows Creek (AL)	316	125.6	30.50	1.80	1	437.3	25.01	.50	--	--	--	100	*	--
Terrabonne Parrish Con	--	--	--	--	--	--	--	--	101	234.5	2.45	--	--	100
Houma (LA)	--	--	--	--	--	--	--	--	101	234.5	2.45	--	--	100
Texas Municipal Power Agency	274	173.2	16.58	1.54	--	--	--	--	43	215.9	2.22	98	--	2
Gibbons Creek (TX)	274	173.2	16.58	1.54	--	--	--	--	43	215.9	2.22	98	--	2
Texas Utilities Electric Co	2,232	124.3	15.57	.88	16	406.2	23.54	.50	20,613	300.0	3.09	57	*	43
Big Brown (TX)	387	103.9	13.98	.79	--	--	--	--	71	300.0	3.09	99	--	1
Decordova (TX)	--	--	--	--	--	--	--	--	821	300.0	3.05	--	--	100
Eagle Mountain (TX)	--	--	--	--	--	--	--	--	131	300.0	3.09	--	--	100
Graham (TX)	--	--	--	--	--	--	--	--	1,279	300.0	3.16	--	--	100
Handley (TX)	--	--	--	--	--	--	--	--	2,332	300.0	3.10	--	--	100
Lake Creek (TX)	--	--	--	--	--	--	--	--	124	300.0	3.17	--	--	100
Lake Hubbard (TX)	--	--	--	--	--	--	--	--	3,160	300.0	3.09	--	--	100
Martin Lake (TX)	1,005	102.4	13.14	1.07	9	406.2	23.54	.50	--	--	--	100	*	--
Monticello (TX)	611	178.9	20.28	.50	7	406.2	23.54	.50	--	--	--	99	1	--
Morgan Creek (TX)	--	--	--	--	--	--	--	--	1,444	300.0	3.04	--	--	100
Mountain Creek (TX)	--	--	--	--	--	--	--	--	172	300.0	3.07	--	--	100
North Lake (TX)	--	--	--	--	--	--	--	--	2,107	300.0	3.06	--	--	100
Parkdale (TX)	--	--	--	--	--	--	--	--	210	300.0	3.02	--	--	100
Permian Basin (TX)	--	--	--	--	--	--	--	--	1,754	300.0	3.12	--	--	100
Sandow No 4 (TX)	229	128.3	16.34	1.21	--	--	--	--	--	--	--	100	--	--
Stryker (TX)	--	--	--	--	--	--	--	--	1,923	300.0	3.10	--	--	100
Tradinghouse (TX)	--	--	--	--	--	--	--	--	4,311	300.0	3.10	--	--	100
Valley (TX)	--	--	--	--	--	--	--	--	774	300.0	3.13	--	--	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, April 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)			
Texas-New Mexico Power Co	140	155.3	20.98	1.05	--	--	--	--	69	247.4	2.52	96	--	4
TNP One (Tx)	140	155.3	20.98	1.05	--	--	--	--	69	247.4	2.52	96	--	4
Toledo Edison Co	111	169.1	43.79	1.17	--	--	--	--	2	459.0	4.70	100	--	*
Acme (OH)	6	158.6	39.57	.54	--	--	--	--	2	459.0	4.70	99	--	1
Bay Shore (OH)	105	169.7	44.03	1.21	--	--	--	--	--	--	--	100	--	--
Tri State Gen & Trans Assn, Inc	413	109.9	22.21	.40	--	--	--	--	16	292.2	2.12	100	--	*
Craig (CO)	382	110.9	22.73	.38	--	--	--	--	16	292.2	2.12	100	--	*
Nucla (CO)	31	95.1	15.66	.62	--	--	--	--	--	--	--	100	--	--
Tucson Electric Power Co	241	167.1	30.22	.62	--	--	--	--	177	269.9	2.78	96	--	4
Irvington (AZ)	10	233.3	47.71	.42	--	--	--	--	177	269.9	2.78	53	--	47
Springerville (AZ)	231	163.8	29.46	.63	--	--	--	--	--	--	--	100	--	--
Union Electric Co	658	142.9	29.82	1.39	1	425.6	24.49	0.29	39	270.2	2.75	100	*	*
Labadie (MO)	338	112.6	22.38	1.27	--	--	--	--	--	--	--	100	--	--
Meramec (MO)	81	211.1	49.31	1.28	--	--	--	--	8	270.2	2.74	100	--	*
Rush Island (MO)	142	150.3	31.36	1.10	--	--	--	--	--	--	--	100	--	--
Sioux (MO)	97	167.2	37.25	2.35	1	425.6	24.49	.29	--	--	--	100	*	--
Venice No.2 (IL)	--	--	--	--	--	--	--	--	31	270.2	2.75	--	--	100
United Illuminating Co	55	169.7	44.35	.58	89	283.7	18.18	.98	--	--	--	72	28	--
Bridgeport Harbor (CT)	55	169.7	44.35	.58	1	437.9	25.80	.10	--	--	--	100	*	--
New Haven Hbr (CT)	--	--	--	--	89	282.9	18.14	.98	--	--	--	--	100	--
United Power Assn	95	70.4	9.54	.60	*	498.0	28.65	.00	--	--	--	100	*	--
Stanton (ND)	95	70.4	9.54	.60	*	498.0	28.65	.00	--	--	--	100	*	--
Vero Beach City of	--	--	--	--	--	--	--	--	182	309.7	3.17	--	--	100
Vero Beach (FL)	--	--	--	--	--	--	--	--	182	309.7	3.17	--	--	100
Vineland City of	--	--	--	--	2	288.9	18.17	.93	--	--	--	--	100	--
H. M. Down (NJ)	--	--	--	--	2	288.9	18.17	.93	--	--	--	--	100	--
Virginia Electric & Power Co	1,221	139.7	35.13	1.33	7	429.6	25.26	.20	1,317	279.9	2.90	96	*	4
Bremo Bluff (VA)	57	147.6	37.55	.91	*	476.3	28.01	.20	--	--	--	100	*	--
Chesapeake Energy (VA)	168	149.4	38.82	1.04	--	--	--	--	--	--	--	100	--	--
Chesterfield (VA)	297	140.5	35.55	.97	2	454.9	26.75	.20	1,315	277.7	2.88	85	*	15
Mount Storm (WV)	507	130.3	31.99	1.72	3	406.7	23.91	.20	--	--	--	100	*	--
Possum Point (VA)	106	149.1	37.57	.92	--	--	--	--	--	--	--	100	--	--
Yorktown (VA)	85	154.4	40.53	1.56	2	434.2	25.53	.20	2	1,453.3	15.11	99	*	*
West Penn Power Co	436	144.7	37.21	2.23	3	429.9	25.46	.27	9	417.3	4.17	100	*	*
Armstrong (PA)	80	119.4	29.85	1.84	1	427.5	25.32	.27	--	--	--	100	*	--
Hatfield (PA)	324	152.1	39.47	2.26	2	430.8	25.51	.27	--	--	--	100	*	--
Mitchell (PA)	32	129.7	32.65	2.96	--	--	--	--	9	417.3	4.17	99	--	1
West Texas Utilities Co	159	108.1	18.15	.39	--	--	--	--	3,628	231.4	2.30	43	--	57
Fort Phantom (TX)	--	--	--	--	--	--	--	--	1,608	222.9	2.23	--	--	100
Oak Creek (TX)	--	--	--	--	--	--	--	--	374	213.0	2.13	--	--	100
Oklahoma (TX)	159	108.1	18.15	.39	--	--	--	--	--	--	--	100	--	--
Paint Creek (TX)	--	--	--	--	--	--	--	--	160	332.7	3.40	--	--	100
Rio Pecos (TX)	--	--	--	--	--	--	--	--	944	185.5	1.79	--	--	100
San Angelo (TX)	--	--	--	--	--	--	--	--	542	316.1	3.15	--	--	100
Western Farmers Elec Coop Inc	106	191.1	31.73	.41	--	--	--	--	918	242.2	2.59	64	--	36
Anadarko (OK)	--	--	--	--	--	--	--	--	677	242.3	2.59	--	--	100
Hugo (OK)	106	191.1	31.73	.41	--	--	--	--	--	--	--	100	--	--
Mooreland (OK)	--	--	--	--	--	--	--	--	241	242.0	2.59	--	--	100
Western Massachusetts Elec Co	--	--	--	--	--	--	--	--	36	240.0	2.46	--	--	100
West Springfield (MA)	--	--	--	--	--	--	--	--	36	240.0	2.46	--	--	100
Wisconsin Electric Power Co	729	118.6	23.03	.54	17	409.9	23.93	.27	162	300.4	3.03	98	1	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, April 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
		(Cents per 10 ⁶ Btu)	(\$ per short ton)			(Cents per 10 ⁶ Btu)	\$ per bbl			(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf		
Wisconsin Electric Power Co														
Oak Creek (WI)	55	162.4	40.17	0.51	--	--	--	--	123	296.4	2.99	92	--	8
Pleasant Prairie (WI)	412	75.6	13.03	.36	--	--	--	--	27	303.8	3.07	100	--	*
Port Washington (WI)	--	--	--	--	--	--	--	--	4	337.9	3.42	--	--	100
Presque Isle (MI)	201	158.8	32.14	.61	2	416.4	24.31	0.27	--	--	--	100	*	--
Storage Facility #1	--	--	--	--	15	409.1	23.88	.27	--	--	--	--	100	--
Valley (WI)	61	169.2	44.89	1.62	--	--	--	--	9	331.0	3.34	99	--	1
Wisconsin Power & Light Co	623	127.2	23.07	.59	*	450.0	26.46	.00	1	293.9	2.97	100	*	*
Blackhawk (WI)	--	--	--	--	--	--	--	--	1	293.9	2.97	--	--	100
Columbia (WI)	265	125.8	21.48	.50	--	--	--	--	--	--	--	100	--	--
Edgewater (WI)	216	121.9	22.42	.61	--	--	--	--	--	--	--	100	--	--
Nelson Dewey (WI)	97	112.1	21.07	.33	*	450.0	26.46	.00	--	--	--	100	*	--
Rock River (WI)	44	185.1	39.98	1.59	--	--	--	--	--	--	--	100	--	--
Wisconsin Public Service Corp	279	140.5	25.66	.40	--	--	--	--	26	406.5	4.13	99	--	1
Pulliam (WI)	93	128.8	25.30	.58	--	--	--	--	20	436.9	4.44	99	--	1
Weston (WI)	186	147.1	25.84	.31	--	--	--	--	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	63,807	139.3	29.03	1.24	10,539	² 286.6	18.15	1.11	169,844	² 268.9	2.75	85	4	11

¹ The April 1993 petroleum coke receipts were 71,760 short tons and the cost was 66.4 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

Appendix A

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)	¹ 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)	¹ Line Fault	16	5,492	7:42 PM Same Day
1/07/93	1:39 AM	Portola, CA	Plumas-Sierra Rural Electric Coop. (WSCC)	¹ 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	West Central FL	Florida Power Corporation (FPC) (SERC)	¹² 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: *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

Appendix B

References

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Appendix C

Technical Notes

Appendix C

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 $E^{**}(i \text{ plus } (\ln(\text{generator Nameplate Capacity}) * c))$, 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 1.00630, 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 as 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, April 1993

Census Division and State	Coal (Btu per ton)	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	26,086,280	6,369,897	1,032,224
Connecticut	26,136,654	6,407,230	1,030,000
Maine	--	--	--
Massachusetts	25,903,992	6,364,250	1,032,437
New Hampshire	26,648,268	5,758,137	1,015,000
Rhode Island	--	--	--
Vermont	--	5,831,112	988,000
Middle Atlantic	25,074,014	6,334,097	1,032,610
New Jersey	26,878,926	6,295,205	1,033,697
New York	25,876,376	6,356,522	1,032,641
Pennsylvania	24,831,365	5,914,514	1,029,320
East North Central	22,075,700	6,046,398	749,956
Illinois	22,186,226	5,773,878	1,015,741
Indiana	21,403,094	5,758,049	1,007,103
Michigan	21,603,874	6,304,642	* 159,485
Ohio	24,200,396	5,785,022	1,031,067
Wisconsin	18,532,811	5,843,363	1,008,785
West North Central	16,823,313	5,805,164	986,931
Iowa	17,296,632	5,811,273	1,002,867
Kansas	17,634,044	--	979,843
Minnesota	17,762,026	5,822,025	1,014,788
Missouri	20,003,171	5,869,664	1,009,485
Nebraska	17,195,258	5,776,991	957,580
North Dakota	13,025,728	5,779,606	1,062,000
South Dakota	12,188,000	--	--
South Atlantic	25,016,314	6,345,154	1,012,913
Delaware	26,230,120	6,316,577	1,033,013
District of Columbia	--	--	--
Florida	24,729,038	6,355,222	1,009,928
Georgia	24,552,592	5,815,131	1,027,449
Maryland	25,512,087	6,337,127	1,035,000
North Carolina	24,953,736	5,816,710	1,032,000
South Carolina	25,547,422	5,811,170	1,018,831
Virginia	25,541,152	5,873,737	1,037,006
West Virginia	25,034,039	5,845,539	1,000,000
East South Central	23,867,617	5,957,369	1,005,708
Alabama	24,112,398	5,739,274	1,025,009
Kentucky	23,356,412	5,830,502	1,021,000
Mississippi	23,340,762	6,300,952	998,880
Tennessee	24,393,284	5,802,542	--
West South Central	15,307,502	5,806,804	1,027,653
Arkansas	17,361,884	5,742,858	1,102,463
Louisiana	16,393,214	6,008,609	1,042,592
Oklahoma	17,298,612	--	1,039,210
Texas	14,506,005	5,796,000	1,023,440
Mountain	19,490,158	5,830,544	1,018,620
Arizona	20,325,056	5,787,999	1,028,809
Colorado	19,674,870	--	998,699
Idaho	--	--	--
Montana	17,012,892	5,922,000	1,173,000
Nevada	22,358,930	5,817,000	1,018,119
New Mexico	17,898,266	--	1,012,263
Utah	23,084,292	5,880,000	1,039,000
Wyoming	17,404,590	5,805,905	1,040,000
Pacific Contiguous	16,955,887	5,867,795	1,027,761
California	--	--	1,027,761
Oregon	17,688,824	--	--
Washington	16,704,420	5,867,795	1,050,000
Pacific Noncontiguous	--	6,266,168	997,879
Alaska	--	--	997,879
Hawaii	--	6,266,168	--
U.S. Average	20,864,183	6,330,472	1,022,456

* Consists mostly of blast furnace gas which has a heat content of 78,000 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)	8	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.

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

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

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

Noncoincidental Peak Load: The sum of two or more peak loads on individual systems that do not occur in the same time interval. Meaningful only when considering loads within a limited period of time, such as a day, week, month, a heating or cooling season, and usually for not more than 1 year.

North American Electric Reliability Council (NERC): A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. 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 these sources: biomass, fuel cells, geothermal heat, solar power, waste, wind, and wood.

Other Unavailable Capability: Net capability of main generating units that are unavailable for load for reasons other than full-forced outage or scheduled maintenance. Legal restrictions or other causes make these units unavailable.

Peak Demand: The maximum load during a specified period of time.

Peak Load Plant: A plant usually housing old, low-efficiency steam units; gas turbines; diesels; or pumped-storage hydroelectric equipment normally used during the peak-load periods.

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

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

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

Petroleum Coke: See Coke (Petroleum).

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

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

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

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

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

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

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

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

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

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

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

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

Receipts: Purchases of fuel.

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

Restoration Time: The time when the major portion of the interrupted load has been restored and the emergency is considered to be ended. However, some of the loads interrupted may not have been restored due to local problems.

Restricted-Universal 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 purpose. Other small classes, such as agriculture and street lighting, also are included in this category.

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

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

Scheduled Outage: The shutdown of a generating unit, transmission line, or other facility, for inspection or maintenance, in accordance with an advance schedule.

Short Ton: A unit of weight equal to 2,000 pounds.

Spot Purchases: A single shipment of fuel or volumes of fuel, purchased for delivery within 1 year. Spot purchases are often made by a user to fulfill a certain portion of energy requirements, to meet unanticipated energy needs, or to take advantage of low-fuel prices.

Standby Facility: A facility that supports a utility system and is generally running under no-load. It is available to replace or supplement a facility normally in service.

Standby Service: Support service that is available, as needed, to supplement a consumer, a utility system, or to another utility if a schedule or an agreement authorizes the transaction. The service is not regularly used.

Steam-Electric Plant (Conventional): A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

Stocks: A supply of fuel accumulated for future use. This includes coal and fuel oil stocks at the plant site, in coal cars, tanks, or barges at the plant site, or at separate storage sites.

Subbituminous Coal: Subbituminous coal, or black lignite, is dull black and generally contains 20 to 30 percent moisture. The heat content of subbituminous coal ranges from 16 to 24 million Btu per ton as received and averages about 18 million Btu per ton. Subbituminous coal, mined in the western coal fields, is used for generating electricity and space heating.

Substation: Facility equipment that switches, changes, or regulates electric voltage.

Sulfur: One of the elements present in varying quantities in coal which contributes to environmental degradation when coal is burned. In terms of sulfur content by weight, coal is generally classified as low (less than or equal to 1 percent), medium (greater than 1 percent and less than or equal to 3 percent), and high (greater than 3 percent). Sulfur content is measured as a percent by weight of coal on an "as received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Switching Station: Facility equipment used to tie together two or more electric circuits through switches. The switches are selectively arranged to permit a circuit to be disconnected, or to change the electric connection between the circuits.

System (Electric): Physically connected generation, transmission, and distribution facilities operated as an integrated unit under one central management, or operating supervision.

Transformer: An electrical device for changing the voltage of alternating current.

Transmission: The movement or transfer of electric energy over an interconnected group of lines and associated equipment between points of supply and points at which it is transformed for delivery to consumers, or is delivered to other electric systems. Transmission is considered to end when the energy is transformed for distribution to the consumer.

Transmission System (Electric): An interconnected group of electric transmission lines and associated equipment for moving or transferring electric energy in bulk between points of supply and points at which it is transformed for delivery over the distribution system lines to consumers, or is delivered to other electric systems.

Turbine: A machine for generating rotary mechanical power from the energy of a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

Watt: The electrical unit of power. The rate of energy transfer equivalent to 1 ampere flowing under a pressure of 1 volt at unity power factor.

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.

END

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