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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

Note that indications of the accuracy of published data can be found in the tables of coefficients of variation, and in Table C2. Table C2, which describes data revisions, has been improved to more accurately reflect changes made to monthly published values.

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

Monthly Update

purchases may have been impacted by higher gas prices or the availability of other energy sources.

March 1993

Receipts and Fuel Costs. Receipts of coal to electric utilities in March 1993 totaled 64 million short tons, unchanged from March 1992. The delivered cost of coal (137.6 cents per million Btu) was 6 cents per million Btu or 4 percent less than the cost of coal for March 1992. A 3-million-short-ton increase in deliveries of low-cost subbituminous coal and a 2-million-short-ton decrease in deliveries of typically higher cost bituminous coal contributed to this overall decrease in the cost of coal.

Petroleum receipts for March 1993 were 9 million barrels, a decrease of 4 million barrels, compared with receipts of March 1992. The average delivered cost of petroleum in March 1993 was 258.8 cents per million Btu compared to 214.1 cents per million Btu in March 1992. Extrordinarily low costs for petroleum in March 1992 probably resulted in electric utilities replenishing stocks of petroleum. However, in March 1993, possibly due to a combination of higher costs and poor weather conditions in the eastern United States, electric utilities chose not to replenish inventories resulting in a 5-million-barrel decrease in stocks of petroleum.

Receipts of natural gas to electric utilities in March 1993 totaled 186 billion cubic feet (Bcf), a decrease of 12 Bcf from March 1992. The extreme cold weather in the eastern United States possibly led to the shifting of some natural gas supplies from electric utilities toward higher priority residential use. In addition, gas

April 1993

Generation. Total U.S. net generation of electricity was 211 billion kilowatthours, slightly above the amount reported in April 1992. Generation from hydroelectric plants was 29 percent more during the month, compared with the same period last year. Coal-fired generation was slightly above the corresponding period in 1992 and nuclear-powered generation was only 2 percent above the amount reported in April 1992.

In the Pacific Contiguous Census Division, where nearly half of the hydroelectric generation in the Nation is produced, generation from hydroelectric plants was 27 percent above the amount reported in April 1992. Generation from hydroelectric plants in California, which supplied 17 percent of the U.S. hydroelectric generation, more than doubled the amount reported during the corresponding period of the previous year. In Oregon, generation from hydroelectric plants was 30 percent more than in April 1992.

Sales and Revenue. Total sales of electricity to ultimate consumers were 216 billion kilowatthours, an increase of 5 billion kilowatthours (2 percent) compared with April 1992. Sales in all end-use sectors increased when compared to the same period last year. The industrial sector showed the largest increase--up by 3 percent from the April 1992 level. Total revenue from the sale of electricity to ultimate consumers also increased by 3 percent, compared with April 1992.

On March 4, 1993, the Bituminous Coal Operators Association and the United Mine Workers of America agreed to a 60-day extension of their 1988 wage agreement. The agreement ended a 30-day limited strike against the Peabody Coal Company and the Eastern Associated Coal Company. The strike, which lasted throughout the month of February, did not have a major effect on electric utility fuel receipts or costs for the month of March.

Special Notice: The 1993 issue of the *Cost and Quality of Fuels for Electric Utility Plants 1992* is scheduled for release during August. This publication is available from the Superintendent of Documents; U. S. Government Printing Office (GPO); Washington, DC 20402; (202) 785-3238.

Figure 1. U.S. Electric Utility Net Generation by Energy Source

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."

During April 1993, Comanche Peak, Unit No. 2, with a net summer capability of 1,150 megawatts, and operated by Texas Utilities Electric Company, became operable. This is the first nuclear unit to become operable since April 1990, when Comanche Peak, Unit No. 1, came on line. With the addition of Comanche Peak, Unit No. 2, there are currently 109 operable nuclear units in the United States, with a collective net summer capability of 99 thousand megawatts. Only two nuclear units are projected to come on line within the next 10 years--Watts Bar 1 (June 1994) and Watts Bar 2 (October 1999). These units are owned and operated by the Tennessee Valley Authority.

Table 2. U.S. Electric Utility Summary Statistics

Items	April 1993 ¹	March 1993 ¹	April 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
Net Generation (Million kWh)						
Coal	120,325	136,280	119,909	525,040	506,645	3.6
Petroleum ²	5,205	8,569	6,505	27,951	33,813	-17.3
Gas	16,591	18,740	21,913	66,914	74,163	-9.8
Hydroelectric Power ³	25,171	23,583	19,454	92,972	80,488	15.5
Nuclear Power	43,199	46,606	42,268	200,200	198,755	.7
Other Sources ⁴	802	852	788	3,307	3,370	-1.9
All Energy Sources	211,292	234,630	210,837	916,382	897,233	2.1
Consumption						
Coal (1,000 short tons)	59,563	67,073	58,794	260,327	249,945	4.2
Petroleum (1,000 barrels) ⁵	8,448	14,062	10,740	45,849	55,526	-17.4
Gas (1,000 Mcf)	173,709	193,795	229,012	693,681	776,085	-10.6
Stocks (end-of-month)						
Coal (1,000 short tons)	148,049	143,978	162,591	--	--	--
Petroleum (1,000 barrels) ⁶	62,793	60,314	68,186	--	--	--
Sales (Million kWh)⁷						
Residential	69,668	83,023	68,322	329,847	315,289	4.6
Commercial	59,389	62,169	58,081	246,111	239,972	2.6
Industrial	79,593	79,504	77,607	314,189	309,419	1.5
Other ⁸	7,588	7,919	7,448	31,560	30,222	4.4
All Sectors	216,238	232,615	211,458	921,707	894,902	3.0
Revenue (Million Dollars)⁷						
Residential	5,672	6,487	5,499	25,932	24,842	4.4
Commercial	4,441	4,607	4,288	18,182	17,657	3.0
Industrial	3,660	3,740	3,636	14,634	14,509	.9
Other ⁸	513	508	476	2,063	1,940	6.3
All Sectors	14,295	15,342	13,909	60,811	58,948	3.2
Average Revenue/kWh (Cents)^{7, 9}						
Residential	8.1	7.8	8.0	7.9	7.9	--
Commercial	7.5	7.4	7.4	7.4	7.4	--
Industrial	4.6	4.7	4.7	4.7	4.7	--
Other ⁸	6.8	6.4	6.4	6.5	6.4	1.6
All Sectors	6.6	6.6	6.6	6.6	6.6	--

	March 1993 ¹⁰	February 1993 ¹⁰	March 1992 ¹⁰	Year to Date		
				1993 ¹⁰	1992 ¹⁰	Difference (Percent)
Receipts¹¹						
Coal (1,000 short tons)	63,894	59,229	63,857	188,342	190,139	-0.9
Petroleum (1,000 barrels) ¹²	9,022	7,421	13,186	25,469	39,831	-36.1
Gas (1,000 Mct) ¹³	186,075	153,681	198,040	499,074	518,183	-3.7
Cost (cents/million Btu)^{11 14}						
Coal	137.6	139.3	143.4	138.5	141.7	-2.3
Petroleum ¹⁵	258.8	263.8	214.1	260.4	219.8	18.5
Gas ¹³	256.6	250.8	196.8	258.2	213.8	20.8

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 April 1993 was 1,554 million kilowatthours.

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

⁵ The April 1993 petroleum coke consumption was 78,544 short tons.

⁶ The April 1993 petroleum coke stocks were 77,258 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 March 1993 petroleum coke receipts were 65,055 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 March 1993 petroleum coke cost was 58.3 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 April 1993

Period	All Energy Sources (Million) (Kilowatthours)	Share of Total U.S. Net Generation (Percent)					
		Coal ¹	Petroleum ²	Gas	Hydroelectric	Nuclear	Other ³
1992⁴							
January	243,970	56.3	4.2	6.6	8.8	23.7	0.4
February	217,761	55.9	3.8	7.4	8.3	24.2	.4
March	224,665	56.8	3.9	8.9	9.6	20.4	.4
April	210,837	56.9	3.1	10.4	9.2	20.0	.4
May	220,355	56.2	2.3	10.3	10.1	20.7	.4
June	236,842	54.7	3.2	10.6	9.6	21.6	.4
July	266,148	56.0	3.2	12.0	7.4	21.1	.3
August	255,203	55.6	2.7	11.3	7.1	23.0	.3
September	234,760	56.8	2.9	11.1	7.2	21.7	.4
October	221,289	57.8	3.1	9.2	7.4	22.0	.4
November	221,263	56.7	3.1	8.1	8.7	22.9	.4
December	244,126	56.6	2.6	6.9	9.8	23.8	.4
1992 Total	2,797,219	56.3	3.2	9.4	8.6	22.1	.4
1993⁵							
January	245,797	56.3	2.9	6.4	10.0	24.0	.3
February	224,663	57.9	3.1	7.0	8.8	22.8	.4
March	234,630	58.1	3.7	8.0	10.1	19.9	.4
April	211,292	56.9	2.5	7.9	11.9	20.4	.4
Year to Date							
1993⁵	916,382	57.3	3.1	7.3	10.1	21.8	.4
1992⁴	897,233	56.5	3.8	8.3	9.0	22.2	.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."

Comanche Peak nuclear-powered units 1 and 2 are located near Glen Rose, Texas.

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

Period	All Energy Sources	Coal ¹	Petroleum ²	Gas	Hydroelectric ³	Nuclear	Other ⁴
1983	2,310,285	1,259,424	144,499	274,098	332,130	293,677	6,456
1984	2,416,304	1,341,681	119,808	297,394	321,150	327,634	8,638
1985	2,469,841	1,402,128	100,202	291,946	281,149	383,691	10,724
1986	2,487,310	1,385,831	136,585	248,508	290,844	414,038	11,503
1987	2,572,127	1,463,781	118,493	272,621	249,695	455,270	12,267
1988	2,704,250	1,540,653	148,900	252,801	222,940	526,973	11,984
1989	2,784,304	1,553,661	158,318	266,598	265,063	529,355	11,309
1990	2,808,151	1,559,606	117,017	264,089	279,926	576,862	10,651
1991	2,825,023	1,551,167	111,463	264,172	275,519	612,565	10,137
1992 ⁵							
January	243,970	137,327	10,202	16,178	21,502	57,849	912
February	217,761	121,731	8,296	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
Year to Date							
1993 ⁶	916,382	525,040	27,951	66,914	92,972	200,200	3,307
1992 ⁵	897,233	506,645	33,813	74,163	80,488	198,755	3,370

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 April 1993 was 1,554 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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	37,243	42,724	37,232	162,680	160,595	1.3
ERCOT	13,587	14,074	13,702	56,380	55,411	1.7
MAAC	15,049	17,586	14,473	67,486	65,245	3.4
MAIN	16,178	18,097	14,642	69,503	64,515	7.7
MAPP (U.S.)	11,265	12,131	10,831	48,794	46,858	4.1
NPCC (U.S.)	14,347	17,158	15,793	66,908	71,646	-6.6
SERC	46,133	51,983	46,217	201,104	195,054	3.1
SPP	18,703	20,152	18,924	79,609	77,476	2.8
WSCC (U.S.)	37,938	39,828	38,048	160,393	156,595	2.4
Contiguous U.S.	210,443	233,734	209,862	912,857	893,395	2.2
ASCC	360	403	334	1,571	1,434	9.5
Hawaii	489	494	641	1,954	2,405	-18.7
U.S. Total	211,292	234,630	210,837	916,382	897,233	2.1

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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	6,525	7,901	6,951	29,600	30,567	-3.2
Connecticut	2,417	2,868	2,605	10,603	9,165	15.7
Maine	855	841	497	3,111	2,427	28.2
Massachusetts	1,647	2,468	2,383	9,354	12,108	-22.7
New Hampshire	1,241	1,267	1,242	4,806	5,556	-13.5
Rhode Island	5	8	9	17	69	-75.4
Vermont	359	450	217	1,709	1,241	37.7
Middle Atlantic	23,059	26,754	23,037	104,186	105,711	-1.4
New Jersey	2,170	3,297	1,935	11,161	9,508	17.4
New York	7,543	8,702	8,366	35,273	38,886	-9.3
Pennsylvania	13,346	14,755	12,736	57,751	57,317	.8
East North Central	38,706	43,463	36,234	167,253	161,284	3.7
Illinois	10,172	11,369	9,282	43,611	40,369	8.0
Indiana	7,381	8,835	6,711	33,576	31,233	7.5
Michigan	7,440	8,021	6,528	30,918	28,867	7.1
Ohio	10,093	11,196	10,097	43,481	45,279	-4.0
Wisconsin	3,620	4,042	3,617	15,667	15,536	.8
West North Central	16,706	17,993	15,651	72,083	68,504	5.2
Iowa	2,665	2,705	2,012	10,919	9,738	12.1
Kansas	2,330	2,449	2,454	10,241	9,471	8.1
Minnesota	3,262	3,451	3,192	13,280	13,128	1.2
Missouri	4,530	4,681	3,661	18,583	17,155	8.3
Nebraska	1,478	1,888	1,519	7,812	7,127	9.6
North Dakota	2,072	2,393	2,155	9,556	9,837	-2.9
South Dakota	370	427	658	1,691	2,049	-17.5
South Atlantic	39,330	45,685	41,985	174,768	172,502	1.3
Delaware	564	753	484	2,402	2,049	17.2
District of Columbia	-1	4	6	3	16	-83.6
Florida	9,031	10,098	9,953	38,900	40,920	-4.9
Georgia	6,480	7,573	6,997	28,497	26,480	7.6
Maryland	2,723	3,190	3,152	13,229	13,290	-.5
North Carolina	5,378	7,205	5,686	27,328	25,486	7.2
South Carolina	6,369	6,086	5,739	24,616	23,992	2.6
Virginia	3,398	4,462	3,570	16,600	15,534	6.9
West Virginia	5,387	6,315	6,398	23,193	24,733	-6.2
East South Central	20,191	22,390	19,420	86,646	83,552	3.7
Alabama	7,008	7,160	6,122	27,843	27,438	1.5
Kentucky	6,064	7,369	6,587	27,344	24,941	9.6
Mississippi	1,518	1,679	1,423	6,000	6,689	-10.3
Tennessee	5,602	6,182	5,289	25,460	24,484	4.0
West South Central	27,028	28,875	27,695	114,484	111,754	2.4
Arkansas	2,897	2,908	2,018	12,361	10,302	20.0
Louisiana	3,555	4,393	4,317	16,273	16,457	-1.1
Oklahoma	3,342	3,682	3,389	14,663	13,787	6.4
Texas	17,235	17,891	17,971	71,188	71,210	.0
Mountain	18,404	20,090	19,137	81,782	80,767	1.3
Arizona	5,051	5,245	4,954	22,545	20,328	10.9
Colorado	2,267	2,693	2,392	10,405	10,411	-.1
Idaho	872	615	569	2,421	1,984	22.0
Montana	1,060	1,689	1,919	7,226	8,448	-14.5
Nevada	1,082	1,518	1,532	6,065	6,553	-7.4
New Mexico	2,251	2,339	2,193	8,714	8,189	6.4
Utah	2,507	2,632	2,273	10,881	10,911	-.3
Wyoming	3,313	3,358	3,304	13,524	13,941	-3.0
Pacific Contiguous	20,494	20,583	19,751	82,055	78,752	4.2
California	10,186	10,751	9,591	41,333	35,419	16.7
Oregon	3,901	3,645	3,450	14,134	14,307	-1.2
Washington	6,407	6,187	6,711	26,589	29,026	-8.4
Pacific Noncontiguous	849	896	975	3,525	3,839	-8.2
Alaska	360	403	334	1,571	1,434	9.5
Hawaii	489	494	641	1,954	2,405	-18.7
U.S. Total	211,292	234,630	210,837	916,382	897,233	2.1

¹ Data for 1993 are preliminary

² Data for 1992 are final.

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

Notes: •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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Coal Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	836	1,463	1,253	5,279	6,071	-13.0	17.8	19.9
Connecticut	104	174	182	735	845	-13.0	6.9	9.2
Maine	--	--	--	--	--	--	--	--
Massachusetts	547	980	824	3,447	4,018	-14.2	36.9	33.2
New Hampshire	185	309	248	1,096	1,208	-9.2	22.8	21.7
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	9,448	11,466	10,817	44,532	45,675	-2.5	42.7	43.2
New Jersey	290	566	353	2,129	1,761	20.9	19.1	18.5
New York	1,630	1,952	2,058	7,668	8,605	-10.9	21.7	22.1
Pennsylvania	7,527	8,947	8,407	34,736	35,309	-1.6	60.1	61.6
East North Central	29,107	32,743	28,166	123,915	120,828	2.6	74.1	74.9
Illinois	4,092	5,261	4,812	18,388	18,852	-2.5	42.2	46.7
Indiana	7,298	8,751	6,572	33,182	30,612	8.4	98.8	98.0
Michigan	4,804	4,817	4,687	19,238	20,042	-4.0	62.2	69.4
Ohio	10,074	10,795	9,368	41,594	40,316	3.2	95.7	89.0
Wisconsin	2,838	3,119	2,727	11,512	11,006	4.6	73.5	70.8
West North Central	13,372	14,439	12,265	55,932	53,809	3.9	77.6	78.5
Iowa	2,236	2,228	1,899	9,175	8,769	4.6	84.0	90.1
Kansas	2,293	2,286	1,566	8,311	7,426	11.9	81.2	78.4
Minnesota	1,944	2,432	1,984	9,250	8,339	10.9	69.7	63.5
Missouri	3,464	3,520	3,559	14,020	14,675	-4.5	75.4	85.5
Nebraska	1,203	1,404	974	5,183	4,450	16.5	66.3	62.4
North Dakota	1,988	2,304	2,019	9,115	9,235	-1.3	95.4	93.9
South Dakota	245	265	264	879	914	-3.9	52.0	44.6
South Atlantic	23,479	28,135	23,090	103,123	96,470	6.9	59.0	55.9
Delaware	416	522	241	1,674	1,151	45.5	69.7	56.2
District of Columbia	--	--	--	--	--	--	--	--
Florida	4,244	4,694	3,730	19,331	18,010	7.3	49.7	44.0
Georgia	4,771	5,474	4,879	17,939	15,871	13.0	63.0	59.9
Maryland	1,729	1,776	2,019	7,686	7,401	3.9	58.1	55.7
North Carolina	3,229	4,740	2,440	16,755	14,468	15.8	61.3	56.8
South Carolina	2,070	2,216	1,467	7,958	6,590	20.8	32.3	27.5
Virginia	1,707	2,456	1,981	8,845	8,509	4.0	53.3	54.8
West Virginia	5,313	6,256	6,334	22,934	24,471	-6.3	98.9	98.9
East South Central	15,825	17,650	15,825	65,209	60,489	7.8	75.3	72.4
Alabama	4,831	4,764	4,304	17,908	17,056	5.0	64.3	62.2
Kentucky	5,736	7,056	6,362	26,050	23,649	10.1	95.3	94.8
Mississippi	591	666	521	2,236	2,236	--	37.3	33.4
Tennessee	4,667	5,165	4,637	19,015	17,547	8.4	74.7	71.7
West South Central	13,555	14,270	12,737	59,955	55,435	8.2	52.4	49.6
Arkansas	1,242	1,167	1,394	5,575	5,662	-1.5	45.1	55.0
Louisiana	1,284	1,488	1,344	6,003	5,923	1.3	36.9	36.0
Oklahoma	1,866	2,191	1,770	8,920	8,353	6.8	60.8	60.6
Texas	9,162	9,424	8,229	39,458	35,496	11.2	55.4	49.8
Mountain	13,466	15,056	14,462	62,207	63,200	-1.6	76.1	78.2
Arizona	2,537	2,370	2,316	11,096	9,970	11.3	49.2	49.0
Colorado	2,089	2,520	2,291	9,773	9,906	-1.3	93.9	95.1
Idaho	--	--	--	--	--	--	--	--
Montana	534	1,085	1,314	4,715	6,069	-22.3	65.3	71.8
Nevada	698	1,190	1,156	4,976	5,525	-9.9	82.0	84.3
New Mexico	1,965	2,045	1,982	7,805	7,534	3.6	89.6	92.0
Utah	2,371	2,521	2,146	10,452	10,414	.4	96.1	95.4
Wyoming	3,271	3,325	3,256	13,389	13,783	-2.9	99.0	98.9
Pacific Contiguous	1,210	1,029	1,276	4,772	4,564	4.6	5.8	5.8
California	--	--	--	--	--	--	--	--
Oregon	355	233	360	1,287	1,434	-10.3	9.1	10.0
Washington	855	796	915	3,485	3,130	11.4	13.1	10.8
Pacific Noncontiguous	28	30	17	116	104	11.0	3.3	2.7
Alaska	28	30	17	116	104	11.0	7.4	7.3
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	120,325	136,280	119,909	525,040	506,645	3.6	57.3	56.5

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: •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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Petroleum Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	958	1,221	1,337	5,445	10,205	-46.6	18.4	33.4
Connecticut	251	350	306	1,285	2,755	-53.4	12.1	30.1
Maine	31	62	167	178	898	-80.2	5.7	37.0
Massachusetts	650	767	861	3,756	5,896	-36.3	40.2	48.7
New Hampshire	22	34	1	208	597	-65.1	4.3	10.7
Rhode Island	5	8	2	17	59	-71.0	100.0	85.0
Vermont	.	.	.	1	1	16.9	.1	.1
Middle Atlantic	783	2,664	1,296	7,395	9,306	-20.5	7.1	8.8
New Jersey	.	126	41	238	327	-27.3	2.1	3.4
New York	648	2,151	1,134	6,053	8,328	-27.3	17.2	21.4
Pennsylvania	135	386	121	1,104	651	69.6	1.9	1.1
East North Central	110	220	142	564	540	4.4	.3	.3
Illinois	32	104	34	225	108	107.9	.5	.3
Indiana	13	18	36	64	144	-55.6	2	5
Michigan	33	67	49	157	211	-25.8	5	7
Ohio	17	19	18	81	61	34.1	2	1
Wisconsin	14	11	5	37	16	126.5	2	1
West North Central	51	83	44	354	262	35.4	.5	.4
Iowa	3	3	3	10	8	26.6	.1	.1
Kansas	3	10	3	22	8	175.1	2	1
Minnesota	35	59	30	217	212	2.4	1.6	1.6
Missouri	7	6	6	84	24	242.0	.4	.1
Nebraska	2	1	.	6	2	167.1	.1	.
North Dakota	1	3	2	12	6	123.9	.1	.1
South Dakota	.	2	.	4	2	83.3	2	.1
South Atlantic	2,588	3,609	2,930	9,983	10,093	-1.1	5.7	5.9
Delaware	122	207	201	634	758	-16.3	26.4	37.0
District of Columbia	1	4	6	3	16	-83.6	100.0	100.0
Florida	2,318	2,504	2,291	7,623	6,861	11.1	19.6	16.8
Georgia	10	10	6	30	22	35.1	.1	.1
Maryland	73	503	257	1,074	1,302	-17.6	8.1	9.8
North Carolina	15	17	9	56	39	45.9	2	2
South Carolina	6	12	4	29	13	117.9	.1	.1
Virginia	28	338	140	461	1,015	-54.6	2.8	6.5
West Virginia	17	15	16	72	66	9.4	.3	.3
East South Central	29	31	25	122	384	-68.1	.1	.5
Alabama	4	9	7	27	30	-10.3	.1	.1
Kentucky	8	6	7	27	27	.6	.1	.1
Mississippi	8	7	.	16	290	-94.6	.3	4.3
Tennessee	10	9	11	53	38	40.2	2	2
West South Central	148	181	20	699	89	682.9	.6	.1
Arkansas	9	1	6	20	17	14.1	.2	.2
Louisiana	124	164	1	620	14	4457.8	3.8	.1
Oklahoma	1	1	2	3	5	-33.3	.	.
Texas	14	15	11	56	53	5.5	.1	.1
Mountain	23	34	23	271	163	66.4	.3	.2
Arizona	11	15	9	33	27	22.8	.1	.1
Colorado	.	2	3	3	6	-49.6	.	.1
Idaho	.	.	.	.	.	NM	.	.
Montana	.	1	1	2	2	9	.	.
Nevada	1	7	3	197	89	120.3	3.2	1.4
New Mexico	1	1	1	8	9	-10.1	.1	.1
Utah	4	2	2	10	11	-11.5	.1	.1
Wyoming	4	6	4	18	18	-3.5	.1	.1
Pacific Contiguous	3	3	13	1,005	191	426.8	1.2	.2
California	3	2	13	953	188	407.4	2.3	.5
Oregon	.	.	.	27	1	1890.8	.2	.
Washington	1	1	.	25	1	1590.3	.1	.
Pacific Noncontiguous	511	523	676	2,113	2,579	-18.1	59.9	67.2
Alaska	22	30	35	162	176	-7.8	10.3	12.2
Hawaii	489	493	641	1,951	2,404	-18.8	99.8	100.0
U.S. Total	5,205	8,569	6,505	27,951	33,813	-17.3	3.1	3.8

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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Petroleum (Steam)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	949	1,192	1,328	5,376	10,095	-46.7	18.2	33.0
Connecticut	251	349	305	1,284	2,750	-53.3	12.1	30.0
Maine	31	62	167	177	897	-80.3	5.7	37.0
Massachusetts	641	739	854	3,691	5,794	-36.3	39.5	47.8
New Hampshire	22	34	1	208	596	-65.1	4.3	10.7
Rhode Island	5	7	2	15	57	-73.0	90.0	82.3
Vermont						NM		
Middle Atlantic	776	2,625	1,292	7,315	9,252	-20.9	7.0	8.8
New Jersey	-4	115	41	211	314	-33.0	1.9	3.3
New York	645	2,133	1,130	6,017	8,295	-27.5	17.1	21.3
Pennsylvania	134	377	120	1,087	642	69.2	1.9	1.1
East North Central	108	217	140	555	537	3.4	.3	.3
Illinois	32	104	33	224	107	108.9	.5	.3
Indiana	13	17	36	63	143	-56.3	2	5
Michigan	33	67	49	156	210	-25.7	5	7
Ohio	16	18	18	77	59	29.5	2	1
Wisconsin	14	11	5	35	17	114.2	2	1
West North Central	51	82	41	351	257	36.5	.5	.4
Iowa	2	3	2	10	7	31.7	1	1
Kansas	2	9		18	4	386.7	2	
Minnesota	35	59	30	218	212	2.7	1.6	1.6
Missouri	7	6	6	85	26	225.4	5	2
Nebraska	2	1		5	1	334.5	1	
North Dakota	1	3	2	13	5	127.9	1	1
South Dakota		2		4	1	143.9	2	1
South Atlantic	2,562	3,467	2,885	9,760	9,958	-2.0	5.6	5.8
Delaware	121	203	201	627	755	-16.8	26.1	36.8
District of Columbia	-1	4	1	3	8	-62.6	112.8	49.5
Florida	2,303	2,410	2,271	7,489	6,793	10.3	19.3	16.6
Georgia	5	7	6	22	22	-1.2	1	1
Maryland	72	480	256	1,036	1,294	-19.9	7.8	9.7
North Carolina	14	12	8	47	36	28.0	.2	.1
South Carolina	4	4	3	16	12	37.0	1	
Virginia	26	332	123	448	973	-53.9	2.7	6.3
West Virginia	17	15	16	72	66	9.4	3	3
East South Central	28	30	17	104	358	-71.1	.1	.4
Alabama	4	9	5	27	23	15.1	1	1
Kentucky	7	6	7	27	27	2	1	1
Mississippi	8	7		16	290	-94.4	3	43
Tennessee	9	8	5	34	19	80.8	1	.1
West South Central	147	179	19	696	84	729.7	.6	.1
Arkansas	9	1	5	19	17	10.3	2	2
Louisiana	124	164	2	620	14	4,241.7	3.8	1
Oklahoma	1	1	2	3	5	-37.6		
Texas	13	14	10	54	48	12.7	1	1
Mountain	22	33	23	267	161	65.8	.3	.2
Arizona	11	14	9	32	27	19.8	1	1
Colorado		2	3	3	5	-36.7		
Idaho								
Montana		1	1	2	2	1.2		
Nevada	1	7	3	195	90	117.0	3.2	1.4
New Mexico	1	1	1	8	9	-9.3	1	1
Utah	4	2	2	9	11	-13.7	1	1
Wyoming	4	6	4	18	18	-3.6	1	1
Pacific Contiguous		1	9	939	169	454.5	1.1	.2
California			9	938	167	461.6	2.3	5
Oregon				1	1	-46.0		
Washington		1		1	1	-36.6		
Pacific Noncontiguous	398	402	554	1,598	2,075	-23.0	45.3	54.0
Alaska					1	NM		
Hawaii	398	402	554	1,598	2,074	-23.0	81.7	86.3
U.S. Total	5,041	8,228	6,308	26,960	32,946	-18.2	2.9	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: •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	April 1993 ¹	March 1993 ¹	April 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	29	8	69	110	-37.3	0.2	0.4
Connecticut	.	1	.	1	5	-75.2	.	.1
Maine	.	.	.	.	.	NM	.	.
Massachusetts	9	28	8	65	103	-36.8	.7	.8
New Hampshire	.	.	.	.	.	NM	.	.
Rhode Island	.	.	.	2	2	-9.4	10.0	2.7
Vermont	.	.	.	1	1	15.7	.1	.1
Middle Atlantic	8	39	4	81	55	47.5	.1	.1
New Jersey	4	12	.	27	13	113.7	.2	.1
New York	3	18	3	36	33	9.1	.1	.1
Pennsylvania	.	9	1	17	9	96.6	.	.
East North Central	2	3	1	9	3	159.4	.	.
Illinois	1	.	.	1	1	6.2	.	.
Indiana	.	1	.	1	.	NM	.	.
Michigan	.	.	.	1	1	-29.0	.	.
Ohio	1	1	.	4	1	259.7	.	.
Wisconsin	.	.	.	1	.	NM	.	.
West North Central	1	1	3	3	4	-31.7	.	.
Iowa	.	.	1	.	.	NM	.	.
Kansas	1	1	2	4	4	-6	.	.
Minnesota	.	.	.	-1	.	NM	.	.
Missouri	.	.	.	-2	-2	NM	.	.
Nebraska	.	.	.	1	1	-3	.	.
North Dakota	.	.	.	.	.	NM	.	.
South Dakota	.	.	.	.	1	NM	.	.
South Atlantic	27	142	45	223	135	65.2	.1	.1
Delaware	.	4	.	7	3	117.9	.3	.1
District of Columbia	.	.	5	.	8	NM	-12.8	50.5
Florida	14	93	20	134	69	95.1	.3	.2
Georgia	5	2	.	9	1	1270.7	.	.
Maryland	1	22	.	38	9	338.1	.3	.1
North Carolina	1	6	.	10	2	335.8	.	.
South Carolina	3	9	1	13	2	658.9	.1	.
Virginia	2	6	17	13	41	-69.7	.1	.3
West Virginia	.	.	.	.	.	NM	.	.
East South Central	1	2	8	19	26	-28.0	.	.
Alabama	.	.	2	1	7	-91.6	.	.
Kentucky	.	.	.	.	.	NM	.	.
Mississippi	.	.	.	-1	.	NM	.	.
Tennessee	1	1	6	19	19	-8	.1	.1
West South Central	1	2	.	4	5	-35.2	.	.
Arkansas	--	1	.	1	.	NM	.	.
Louisiana	.	.	.	.	-1	NM	.	.
Oklahoma	.	.	.	.	.	NM	.	.
Texas	1	1	1	3	6	-54.4	.	.
Mountain	.	1	.	4	2	118.9	.	.
Arizona	.	1	.	1	.	NM	.	.
Colorado	.	.	.	.	1	NM	.	.
Idaho	.	.	--	.	.	NM	.	.
Montana	.	--	.	.	.	NM	.	.
Nevada	.	.	.	2	-1	NM	.	.
New Mexico	.	--	.	.	.	NM	.	.
Utah	.	.	.	1	1	18.0	.	.
Wyoming	--	--	--	--	.	NM	--	.
Pacific Contiguous	3	3	4	66	21	207.4	.1	.
California	3	2	4	16	21	-25.4	.	.1
Oregon	--	.	--	26	.	NM	.2	.
Washington	.	.	.	24	.	NM	.1	.
Pacific								
Noncontiguous	113	121	122	515	504	2.0	14.6	13.1
Alaska	22	30	35	162	175	-7.6	10.3	12.2
Hawaii	91	91	87	353	329	7.2	18.1	13.7
U.S. Total	164	342	197	991	867	14.3	.1	.1

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •GT/IC = Gas Turbine/Internal Combustion. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, and kerosene.

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

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

Census Division and State	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Gas Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	393	294	446	721	552	30.7	2.4	1.8
Connecticut	.	1	38	8	88	-90.7	.1	1.0
Maine	--	--	--	--	--	--	--	--
Massachusetts	391	293	392	711	443	60.6	7.6	3.7
New Hampshire	.	--	--	.	--	--	.	--
Rhode Island	--	--	7	--	10	--	--	15.0
Vermont	1	--	10	1	11	-88.4	.1	.9
Middle Atlantic	1,434	1,495	2,139	5,132	6,356	-19.2	4.9	6.0
New Jersey	29	125	330	282	642	-56.0	2.5	6.8
New York	1,373	1,256	1,796	4,519	5,662	-20.2	12.8	14.6
Pennsylvania	32	114	13	331	51	544.6	.6	.1
East North Central	142	190	346	712	1,357	-47.6	.4	.8
Illinois	37	42	86	150	389	-61.3	.3	1.0
Indiana	42	43	55	191	299	-36.2	.6	1.0
Michigan	32	52	145	210	499	-58.0	.7	1.7
Ohio	6	28	35	90	103	-12.9	.2	.2
Wisconsin	26	24	25	71	67	5.5	.5	.4
West North Central	85	110	119	354	478	-26.0	.5	.7
Iowa	17	12	13	52	40	31.3	.5	.4
Kansas	43	71	61	210	217	-3.3	2.0	2.3
Minnesota	11	9	24	38	141	-72.9	.3	1.1
Missouri	4	9	5	22	36	-38.9	.1	.2
Nebraska	11	9	16	32	45	-29.3	.4	.6
North Dakota	.	.	.	.	.	NM	.	.
South Dakota	.	.	.	.	-1	NM	.	.
South Atlantic	1,423	1,468	1,767	5,571	6,584	-15.4	3.2	3.8
Delaware	27	24	42	93	141	-33.9	3.9	6.9
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,226	1,193	1,539	4,546	5,708	-20.3	11.7	13.9
Georgia	2	2	7	9	7	27.4	.	.
Maryland	14	35	55	96	133	-27.7	.7	1.0
North Carolina	6	12	12	45	68	-33.7	.2	.3
South Carolina	2	6	1	10	83	-87.5	.	.3
Virginia	146	195	111	766	441	73.9	4.6	2.8
West Virginia	1	1	1	5	4	31.3	.	.
East South Central	80	154	498	420	1,616	-74.0	.5	1.9
Alabama	11	20	23	87	109	-20.6	.3	.4
Kentucky	2	1	1	6	7	-22.2	.	.
Mississippi	65	131	470	320	1,488	-78.5	5.3	22.2
Tennessee	2	2	4	7	11	-35.3	.	.
West South Central	9,069	9,866	11,284	34,974	37,257	-6.1	30.5	33.3
Arkansas	27	28	394	103	821	-87.5	.8	8.0
Louisiana	1,031	1,354	2,192	4,342	6,806	-36.2	26.7	41.4
Oklahoma	1,057	1,041	1,410	3,999	4,632	-13.7	27.3	33.6
Texas	6,954	7,442	7,288	26,530	24,999	6.1	37.3	35.1
Mountain	632	766	671	2,074	2,083	-1.5	2.5	2.6
Arizona	135	178	215	406	695	-41.6	1.8	3.4
Colorado	24	37	16	126	97	29.9	1.2	.9
Idaho	--	--	--	--	--	--	--	--
Montana	.	1	1	4	3	34.6	.1	.
Nevada	168	222	200	504	507	-.7	8.3	7.7
New Mexico	253	266	182	811	568	42.8	9.3	6.9
Utah	51	60	56	219	211	4.1	2.0	1.9
Wyoming	1	1	1	4	3	23.0	.	.
Pacific Contiguous	3,128	4,165	4,430	16,024	17,022	-5.9	19.5	21.6
California	3,070	3,818	4,405	15,106	16,556	-8.8	36.5	46.7
Oregon	--	188	--	524	439	19.3	3.7	3.1
Washington	58	158	25	394	27	1363.9	1.5	.1
Pacific Noncontiguous	205	233	213	933	858	8.7	26.5	22.3
Alaska	205	233	213	933	858	8.7	59.4	59.8
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	16,591	18,740	21,913	66,914	74,163	-9.8	7.3	8.3

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM . Calculation not meaningful.

Notes . Negative generation denotes that electric power consumed for plant use exceeds gross generation. . Totals may not equal sum of components because of independent rounding. . Percent difference is calculated before rounding.

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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Gas (Steam)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	376	283	436	689	513	34.1	2.3	1.7
Connecticut	•	1	38	8	88	-90.7	.1	1.0
Maine	--	--	--	--	--	--	--	--
Massachusetts	374	282	382	679	404	67.9	7.3	3.3
New Hampshire	•	--	--	•	--	NM	•	--
Rhode Island	--	--	--	--	16	NM	--	15.0
Vermont	1	--	10	1	11	-88.4	.1	.9
Middle Atlantic	1,412	1,453	2,093	5,033	6,185	-18.6	4.8	5.9
New Jersey	17	93	290	218	529	-58.8	2.0	5.6
New York	1,364	1,250	1,791	4,492	5,611	-19.9	12.7	14.4
Pennsylvania	31	111	12	322	45	610.2	.6	.1
East North Central	115	163	314	630	1,238	-49.1	.4	.8
Illinois	34	42	84	146	384	-62.1	.3	1.0
Indiana	40	42	54	184	294	-37.4	.5	.9
Michigan	13	34	124	156	401	-61.1	.5	1.4
Ohio	2	24	29	78	97	-19.4	.2	.2
Wisconsin	25	22	23	66	63	4.9	.4	.4
West North Central	70	93	98	297	418	-29.0	.4	.6
Iowa	14	12	9	50	33	48.7	.5	.3
Kansas	33	59	47	168	175	-4.0	1.6	1.8
Minnesota	11	9	24	38	141	-73.2	.3	1.1
Missouri	3	7	4	17	32	-46.2	.1	.2
Nebraska	9	6	13	25	38	-35.0	.3	.5
North Dakota	--	--	--	--	•	NM	--	•
South Dakota	--	--	--	--	•	NM	--	•
South Atlantic	1,152	1,148	1,612	4,373	5,968	-26.7	2.5	3.5
Delaware	3	19	27	49	100	-51.3	2.0	4.9
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,136	1,091	1,471	4,215	5,543	-24.0	10.8	13.5
Georgia	•	1	7	6	7	-5.0	•	•
Maryland	11	25	53	77	120	-35.6	.6	.9
North Carolina	•	4	2	10	17	-41.5	•	.1
South Carolina	2	5	1	9	83	-89.0	•	.3
Virginia	•	1	51	2	94	-97.6	•	.6
West Virginia	1	1	1	5	4	31.3	•	•
East South Central	38	107	446	222	1,396	-84.1	.3	1.7
Alabama	10	19	23	81	98	-17.7	.3	.4
Kentucky	2	1	1	6	7	-23.8	•	•
Mississippi	27	87	422	135	1,291	-89.5	2.3	19.3
Tennessee	--	--	--	--	--	NM	--	--
West South Central	8,708	9,330	10,732	33,033	35,013	-5.7	28.9	31.3
Arkansas	27	28	394	103	821	-87.5	.8	8.0
Louisiana	980	1,286	2,129	4,089	6,584	-37.9	25.1	40.0
Oklahoma	878	815	1,092	3,154	3,509	-10.1	21.5	25.5
Texas	6,823	7,202	7,116	25,687	24,099	6.6	36.1	33.8
Mountain	536	635	592	1,699	1,808	-6.0	2.1	2.2
Arizona	68	80	150	158	475	-66.7	.7	2.3
Colorado	23	29	16	101	95	5.8	1.0	.9
Idaho	--	--	--	--	--	--	--	--
Montana	•	•	•	2	2	4.9	•	•
Nevada	158	216	199	469	504	-7.1	7.7	7.7
New Mexico	252	264	181	802	562	42.6	9.2	6.9
Utah	35	44	43	164	166	-1.3	1.5	1.5
Wyoming	1	1	1	4	3	23.0	•	•
Pacific Contiguous	3,046	3,750	4,237	14,846	16,114	-7.9	18.1	20.5
California	3,046	3,749	4,237	14,846	16,114	-7.9	35.9	45.5
Oregon	--	--	--	--	--	NM	--	--
Washington	•	•	•	•	1	NM	•	•
Pacific Noncontiguous	48	47	50	196	174	12.7	5.6	4.5
Alaska	48	47	50	196	174	12.7	12.5	12.1
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	15,502	17,008	20,609	61,017	68,829	-11.3	6.7	7.7

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 13. Electric Utility GT/IC Net Generation from Gas by Census Division and State
(Million Kilowatthours)

Census Division and State	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Gas (GT/IC)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	16	11	10	33	38	-15.3	0.1	0.1
Connecticut	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--
Massachusetts	16	11	10	33	38	-15.3	.3	.3
New Hampshire	--	--	--	--	--	NM	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	22	42	47	100	170	-41.5	.1	.2
New Jersey	12	32	40	64	113	-43.0	.6	1.2
New York	9	6	6	27	52	-48.2	.1	.1
Pennsylvania	1	4	1	9	6	44.6	.	.
East North Central	28	27	32	82	119	-31.4	.	.1
Illinois	3	1	2	5	5	-9.3	.	.
Indiana	1	2	1	7	5	42.0	.	.
Michigan	19	18	21	54	99	-45.7	.2	.3
Ohio	4	4	6	11	6	94.7	.	.
Wisconsin	1	2	2	5	4	13.6	.	.
West North Central	15	17	21	57	60	-5.2	.1	.1
Iowa	2	.	4	3	6	-59.3	.	.1
Kansas	10	12	13	42	42	-.6	.4	.4
Minnesota	.	.	.	1	1	-5.4	.	.
Missouri	1	2	1	5	4	19.1	.	.
Nebraska	1	3	3	7	7	1.8	.1	.1
North Dakota	.	.	.	.	.	NM	.	.
South Dakota	.	.	.	.	.	NM	.	.
South Atlantic	271	320	155	1,198	616	94.5	.7	.4
Delaware	24	6	16	44	40	9.3	1.8	2.0
District of Columbia	--	--	--	--	--	--	--	--
Florida	90	101	68	332	164	101.8	.9	.4
Georgia	2	.	.	3	1	328.9	.	.
Maryland	3	10	2	19	13	43.7	.1	.1
North Carolina	6	9	9	35	51	-31.0	.1	.2
South Carolina	.	1	.	1	.	NM	.	.
Virginia	146	193	60	764	347	120.4	4.6	2.2
West Virginia	--	--	--	--	--	--	--	--
East South Central	42	47	52	199	220	-9.7	.2	.3
Alabama	2	1	.	6	11	-45.4	.	.
Kentucky	.	.	.	.	.	NM	.	.
Mississippi	39	44	48	185	197	-6.2	3.1	2.9
Tennessee	2	2	4	7	11	-35.3	.	.
West South Central	361	535	552	1,941	2,244	-13.5	1.7	2.0
Arkansas	--	--	--	--	--	NM	--	--
Louisiana	52	68	62	253	222	14.3	1.6	1.3
Oklahoma	179	226	318	845	1,123	-24.8	5.8	8.1
Texas	131	241	172	843	900	-6.4	1.2	1.3
Mountain	96	131	79	374	275	36.1	.5	.3
Arizona	67	98	64	248	220	12.8	1.1	1.1
Colorado	2	8	.	25	2	1443.6	.2	.
Idaho	--	--	--	--	--	--	--	--
Montana	.	1	1	2	1	130.9	.	.
Nevada	9	5	1	35	3	1231.9	.6	.
New Mexico	2	3	1	9	6	68.0	.1	.1
Utah	16	17	13	56	45	24.0	.5	.4
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	81	415	193	1,178	908	29.8	1.4	1.2
California	24	69	168	261	442	-41.1	.6	1.2
Oregon	--	188	--	524	439	19.3	3.7	3.1
Washington	58	158	25	394	26	1408.4	1.5	.1
Pacific Noncontiguous	157	186	163	737	684	7.8	20.9	17.8
Alaska	157	186	163	737	684	7.8	46.9	47.7
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	1,089	1,732	1,304	5,897	5,334	10.6	.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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Hydroelectric Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	612	297	541	1,531	1,749	-12.5	5.2	5.7
Connecticut	64	39	44	186	139	33.7	1.8	1.5
Maine	194	123	175	545	692	-21.2	17.5	28.5
Massachusetts	29	13	48	65	148	-56.0	.7	1.2
New Hampshire	205	66	167	414	422	-2.0	8.6	7.6
Rhode Island	--	--	--	--	--	--	--	--
Vermont	119	56	107	321	348	-7.6	18.8	28.0
Middle Atlantic	2,803	2,539	2,374	10,148	8,694	16.7	9.7	8.2
New Jersey	-9	-5	-7	-27	-33	NM	-.2	-.3
New York	2,472	2,358	2,131	9,413	8,185	15.0	26.7	21.0
Pennsylvania	339	186	250	762	542	40.6	1.3	.9
East North Central	425	259	449	1,228	1,432	-14.2	.7	.9
Illinois	3	4	4	14	18	-22.8	.	.
Indiana	29	22	48	140	179	-21.9	.4	.6
Michigan	123	60	106	306	311	-1.4	1.0	1.1
Ohio	11	7	22	53	83	-36.3	.1	.2
Wisconsin	259	166	268	716	842	-15.0	4.6	5.4
West North Central	686	736	884	3,201	3,020	6.0	4.4	4.4
Iowa	42	75	73	281	318	-11.5	2.6	3.3
Kansas	--	--	--	--	--	--	--	--
Minnesota	91	56	90	234	278	-15.6	1.8	2.1
Missouri	282	276	98	1,158	358	223.6	6.2	2.1
Nebraska	64	83	95	290	336	-13.9	3.7	4.7
North Dakota	83	87	134	429	597	-28.2	4.5	6.1
South Dakota	125	160	393	809	1,133	-28.6	47.8	55.3
South Atlantic	2,260	2,351	1,313	9,172	5,456	68.1	5.2	3.2
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	21	19	25	83	91	-9.4	.2	.2
Georgia	565	674	337	2,634	1,529	72.2	9.2	5.8
Maryland	286	226	283	841	747	12.5	6.4	5.6
North Carolina	683	698	355	2,926	1,824	60.4	10.7	7.2
South Carolina	425	477	173	1,891	848	123.0	7.7	3.5
Virginia	223	213	92	615	224	175.0	3.7	1.4
West Virginia	56	44	47	182	193	-5.2	.8	.8
East South Central	2,241	2,666	1,157	10,257	8,103	26.6	11.8	9.7
Alabama	993	1,380	527	5,120	3,859	32.7	18.4	14.1
Kentucky	318	306	216	1,261	1,257	.3	4.6	5.0
Mississippi	--	--	--	--	--	--	--	--
Tennessee	930	980	414	3,875	2,986	29.8	15.2	12.2
West South Central	1,093	1,164	757	4,312	3,342	29.0	3.8	3.0
Arkansas	426	490	234	1,788	1,165	53.4	14.5	11.3
Louisiana	--	--	--	--	--	--	--	--
Oklahoma	418	449	208	1,741	797	118.5	11.9	5.8
Texas	250	225	315	783	1,380	-43.2	1.1	1.9
Mountain	2,519	2,015	2,157	8,239	7,849	5.0	10.1	9.7
Arizona	625	470	615	2,061	2,257	-8.7	9.1	11.1
Colorado	153	134	83	503	403	25.0	4.8	3.9
Idaho	872	615	569	2,421	1,984	22.0	100.0	100.0
Montana	519	595	595	2,478	2,349	5.5	34.3	27.8
Nevada	216	98	173	389	432	-10.1	6.4	6.6
New Mexico	31	27	28	91	78	15.9	1.0	1.0
Utah	66	49	52	183	208	-12.4	1.7	1.9
Wyoming	36	26	43	114	137	-17.2	.8	1.0
Pacific Contiguous	12,428	11,443	9,755	44,519	40,546	9.8	54.3	51.5
California	4,165	3,836	1,706	12,116	5,518	119.6	29.3	15.6
Oregon	3,550	3,222	2,728	12,303	11,391	8.0	87.0	79.6
Washington	4,714	4,385	5,320	20,100	23,637	-15.0	75.6	81.4
Pacific Noncontiguous	105	110	69	364	298	22.2	10.3	7.8
Alaska	104	110	69	360	297	21.4	22.9	20.7
Hawaii	1	1	.	4	1	280.7	.2	.
U.S. Total	25,171	23,583	19,454	92,972	80,488	15.5	10.1	9.0

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM Calculation not meaningful.

Notes: •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Pumping energy used at pumped storage plants for April 1993 was 1,554 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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Nuclear Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	3,685	4,582	3,340	16,460	11,806	39.4	55.6	38.6
Connecticut	1,958	2,271	2,005	8,260	5,198	58.9	77.9	56.7
Maine	631	656	155	2,388	838	185.1	76.8	34.5
Massachusetts	31	415	257	1,374	1,603	-14.3	14.7	13.2
New Hampshire	829	857	826	3,087	3,329	-7.3	64.2	59.9
Rhode Island	--	--	--	--	--	--	--	--
Vermont	237	383	97	1,350	838	61.2	79.0	67.5
Middle Atlantic	8,591	8,590	6,411	36,978	35,680	3.6	35.5	33.8
New Jersey	1,859	2,485	1,218	8,539	6,810	25.4	76.5	71.6
New York	1,418	984	1,247	7,621	8,106	-6.0	21.6	20.8
Pennsylvania	5,313	5,121	3,946	20,818	20,764	.3	36.0	36.2
East North Central	8,909	10,013	7,100	40,713	36,989	10.1	24.3	22.9
Illinois	6,008	5,958	4,346	24,833	21,002	18.2	56.9	52.0
Indiana	--	--	--	--	--	--	--	--
Michigan	2,448	3,025	1,541	11,008	7,804	41.1	35.6	27.0
Ohio	-15	325	632	1,599	4,625	-65.4	3.7	10.2
Wisconsin	470	705	581	3,273	3,557	-8.0	20.9	22.9
West North Central	2,474	2,590	2,306	12,106	10,798	12.1	16.8	15.8
Iowa	367	386	24	1,395	600	132.5	12.8	6.2
Kansas	-9	83	825	1,698	1,820	-6.7	16.6	19.2
Minnesota	1,144	860	1,032	3,412	4,024	-15.2	25.7	30.7
Missouri	774	871	-6	3,299	2,061	60.1	17.8	12.0
Nebraska	198	390	433	2,302	2,294	.4	29.5	32.2
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	9,580	10,122	12,885	46,919	53,899	-12.9	26.8	31.2
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,222	1,688	2,368	7,317	10,249	-28.6	18.8	25.0
Georgia	1,132	1,413	1,769	7,885	9,050	-12.9	27.7	34.2
Maryland	622	649	538	3,533	3,707	-4.7	26.7	27.9
North Carolina	1,445	1,738	2,870	7,546	9,089	-17.0	27.6	35.7
South Carolina	3,866	3,373	4,094	14,726	16,458	-10.5	59.8	68.6
Virginia	1,293	1,260	1,246	5,913	5,347	10.6	35.6	34.4
West Virginia	--	--	--	--	--	--	--	--
East South Central	2,016	1,889	1,915	10,637	12,960	-17.9	12.3	15.5
Alabama	1,169	987	1,261	4,700	6,383	-26.4	16.9	23.3
Kentucky	--	--	--	--	--	--	--	--
Mississippi	854	876	432	3,428	2,676	28.1	57.1	40.0
Tennessee	-7	26	223	2,509	3,902	-35.7	9.9	15.9
West South Central	3,148	3,367	2,882	14,449	15,538	-7.0	12.6	13.9
Arkansas	1,193	1,222	-9	4,876	2,636	85.0	39.4	25.6
Louisiana	1,115	1,386	780	5,308	3,714	42.9	32.6	22.6
Oklahoma	--	--	--	--	--	--	--	--
Texas	839	759	2,111	4,266	9,189	-53.6	6.0	12.9
Mountain	1,743	2,212	1,800	8,948	7,380	21.3	10.9	9.1
Arizona	1,743	2,212	1,800	8,948	7,380	21.3	39.7	36.3
Colorado	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	3,052	3,240	3,629	12,989	13,706	-5.2	15.8	17.4
California	2,309	2,435	2,837	10,576	10,529	.4	25.6	29.7
Oregon	-4	-3	361	-18	1,041	NM	-.1	7.3
Washington	748	809	430	2,430	2,136	13.8	9.1	7.4
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	43,199	46,606	42,268	200,200	198,755	.7	21.8	22.2

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

NM . . . Calculation not meaningful.

Notes: •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding.

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

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

Census Division and State	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date				
				Other Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	41	43	34	164	185	-11.3	0.6	0.6
Connecticut	39	33	31	129	141	-8.9	1.2	1.5
Maine	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	2	10	3	36	44	-19.0	2.1	3.6
Middle Atlantic	1	--	--	1	--	--	*	--
New Jersey	--	--	--	--	--	--	--	--
New York	1	--	--	1	--	--	*	--
Pennsylvania	--	--	--	--	--	--	--	--
East North Central	13	38	33	122	139	-12.0	.1	.1
Illinois	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	--	--
Ohio	--	22	23	64	91	-29.2	.1	.2
Wisconsin	13	16	10	58	48	20.6	.4	.3
West North Central	37	35	33	135	137	-1.5	.2	.2
Iowa	1	1	1	6	4	69.9	.1	*
Kansas	*	*	*	*	*	NM	*	*
Minnesota	37	34	32	129	133	-3.4	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	16	27	16	95	93	2.0	.1	.1
Arkansas	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--
Texas	16	27	16	95	93	2.0	.1	.1
Mountain	21	7	24	43	93	-53.3	.1	.1
Arizona	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Montana	6	7	8	26	26	1.3	.4	.3
Nevada	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--
Utah	15	*	16	17	67	-74.7	.2	.6
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	672	702	649	2,746	2,723	.9	3.3	3.5
California	639	660	629	2,581	2,628	-1.8	6.2	7.4
Oregon	*	5	--	11	--	--	.1	--
Washington	33	38	20	155	95	63.0	.6	.3
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	802	852	788	3,307	3,370	-1.9	.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 April 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									
January	80	60,881	7,304	68,264	1,103	15,811	16,915	71	169,125
February	80	53,687	6,415	60,183	806	12,730	13,536	76	170,293
March	93	56,243	6,368	62,705	843	13,492	14,336	83	207,656
April	73	53,314	5,407	58,794	811	9,929	10,740	66	229,012
May	69	54,664	5,858	60,591	843	7,910	8,752	50	236,316
June	84	57,179	6,859	64,122	1,077	11,372	12,449	66	265,882
July	90	66,318	7,407	73,815	1,428	12,939	14,367	72	333,567
August	84	62,937	7,616	70,637	1,011	10,607	11,619	115	302,544
September	83	58,899	6,985	65,967	849	10,456	11,305	98	273,670
October	85	56,366	6,356	62,806	792	10,454	11,246	103	212,640
November	74	56,186	6,352	62,612	1,004	10,330	11,333	93	189,296
December	93	61,951	7,321	69,365	989	9,749	10,737	105	175,608
1992 Total	986	698,626	80,248	775,860	11,556	135,779	147,335	999	2,765,608
1993 ³									
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	53,122	5,757	59,563	819	7,629	8,448	79	173,709
Year to Date									
1993 ³	353	234,167	25,808	260,327	4,041	41,808	45,849	338	693,681
1992	325	224,126	25,495	249,945	3,564	51,963	55,526	296	776,085

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-750, "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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	14,541	16,448	14,435	62,653	60,995	2.7
ERCOT	5,224	5,478	4,350	22,600	20,353	11.0
MAAC	2,800	3,551	3,227	13,622	13,476	1.1
MAIN	4,652	5,437	4,868	19,893	19,087	4.2
MAPP (U.S.)	5,432	6,116	5,198	23,958	23,173	3.4
NPCC (U.S.)	973	1,328	1,277	5,050	5,676	-11.0
SERC	11,324	13,044	10,498	47,664	43,222	10.3
SPP	6,575	6,795	6,238	28,070	26,978	4.0
WSCC (U.S.)	8,018	8,850	8,691	36,710	36,889	-5
Contiguous U.S.	59,539	67,046	58,779	260,220	249,849	4.2
ASCC	25	27	15	107	97	11.1
Hawaii	--	--	--	--	--	--
U.S. Total	59,563	67,073	58,794	260,327	249,945	4.2

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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	179	264	214	823	920	-10.5
ERCOT	23	25	18	94	87	8.6
MAAC	579	2,185	1,052	5,564	5,173	7.6
MAIN	170	287	185	866	841	3.0
MAPP (U.S.)	22	22	20	91	65	41.1
NPCC (U.S.)	2,697	5,523	4,099	18,891	29,995	-37.0
SERC	3,755	4,649	3,857	13,180	12,700	3.8
SPP	56	106	37	439	600	-26.9
WSCC (U.S.)	53	73	71	2,140	648	230.3
Contiguous U.S.	7,533	13,132	9,553	42,089	51,028	-17.5
ASCC	41	53	67	299	324	-7.7
Hawaii	874	877	1,120	3,461	4,174	-17.1
U.S. Total	8,448	14,062	10,740	45,849	55,526	-17.4

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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	1,388	2,296	3,568	9,215	14,957	-38.4
ERCOT	57,045	59,755	55,816	215,639	192,071	12.3
MAAC	1,155	3,386	5,347	8,968	12,271	-26.9
MAIN	931	860	1,345	3,057	5,532	-44.7
MAPP (U.S.)	578	469	751	1,927	3,167	-39.1
NPCC (U.S.)	18,180	15,959	23,206	54,606	65,039	-16.0
SERC	15,467	15,867	21,483	61,122	75,987	-19.6
SPP	37,802	42,843	63,775	144,155	203,469	-29.2
WSCC (U.S.)	39,009	49,879	51,310	185,038	193,978	-4.6
Contiguous U.S.	171,553	191,313	226,602	683,727	766,471	-10.8
ASCC	2,155	2,482	2,410	9,954	9,614	3.5
Hawaii	--	--	--	--	--	--
U.S. Total	173,709	193,795	229,012	693,681	776,085	-10.6

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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	324	553	463	1,998	2,244	-10.9
Connecticut	41	68	68	279	317	-11.8
Maine	--	--	--	--	--	--
Massachusetts	209	365	299	1,281	1,460	-12.3
New Hampshire	75	121	96	438	467	-6.2
Rhode Island	--	--	--	--	--	--
Vermont	--	--	--	--	--	--
Middle Atlantic	3,774	4,581	4,285	17,564	18,010	-2.5
New Jersey	111	216	132	806	673	19.7
New York	649	775	814	3,052	3,432	-11.1
Pennsylvania	3,014	3,590	3,339	13,706	13,905	-1.4
East North Central	13,715	15,525	13,152	58,729	56,452	4.0
Illinois	2,148	2,735	2,424	9,607	9,512	1.0
Indiana	3,521	4,316	3,170	16,283	14,845	9.7
Michigan	2,281	2,243	2,146	8,952	9,122	-1.9
Ohio	4,135	4,486	3,894	17,354	16,829	3.1
Wisconsin	1,630	1,745	1,518	6,532	6,142	6.3
West North Central	8,484	9,153	7,834	35,730	34,513	3.5
Iowa	1,392	1,370	1,152	5,716	5,427	5.3
Kansas	1,462	1,426	999	5,312	4,717	12.6
Minnesota	1,138	1,450	1,301	5,502	5,440	1.1
Missouri	1,775	1,821	1,782	7,251	7,317	-9
Nebraska	748	866	617	3,231	2,817	14.7
North Dakota	1,752	1,987	1,740	7,929	7,968	-5
South Dakota	218	235	242	790	827	-4.5
South Atlantic	9,194	11,059	9,063	40,515	37,876	7.0
Delaware	175	214	100	700	492	42.4
District of Columbia	--	--	--	--	--	--
Florida	1,711	1,901	1,511	7,821	7,287	7.3
Georgia	1,885	2,190	1,955	7,182	6,419	11.9
Maryland	664	682	760	2,938	2,832	3.7
North Carolina	1,259	1,825	967	6,478	5,533	17.1
South Carolina	804	863	569	3,121	2,569	21.5
Virginia	649	937	746	3,348	3,238	3.4
West Virginia	2,047	2,448	2,454	8,927	9,505	-6.1
East South Central	6,641	7,393	6,562	27,293	25,212	8.3
Alabama	1,972	1,972	1,759	7,394	7,007	5.5
Kentucky	2,450	3,044	2,733	11,202	10,204	9.8
Mississippi	344	294	212	1,053	967	8.9
Tennessee	1,875	2,083	1,857	7,644	7,033	8.7
West South Central	9,373	9,914	8,725	41,606	38,650	7.6
Arkansas	768	711	830	3,433	3,427	2
Louisiana	808	967	904	3,933	3,903	8
Oklahoma	1,123	1,322	1,043	5,418	4,951	9.4
Texas	6,673	6,914	5,949	28,822	26,369	9.3
Mountain	7,299	8,155	7,883	33,783	33,999	-.6
Arizona	1,276	1,203	1,156	5,439	5,028	8.2
Colorado	1,117	1,347	1,228	5,249	5,235	.3
Idaho	--	--	--	--	--	--
Montana	354	696	821	3,022	3,800	-20.5
Nevada	334	591	557	2,729	2,639	3.4
New Mexico	1,122	1,201	1,152	4,567	4,403	3.7
Utah	1,073	1,077	951	4,582	4,508	1.7
Wyoming	2,023	2,039	2,019	8,194	8,386	-2.3
Pacific Contiguous	735	712	813	3,001	2,894	3.7
California	--	--	--	--	--	--
Oregon	198	193	207	767	817	-6.1
Washington	537	519	606	2,234	2,077	7.5
Pacific Noncontiguous	25	27	15	107	97	11.1
Alaska	25	27	15	107	97	11.1
Hawaii	--	--	--	--	--	--
U.S. Total	59,563	67,073	58,794	260,327	249,945	4.2

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, and subbituminous coal, and anthracite.

Source: Energy Information Administration Form EIA-750, "Monthly Power Plant Report."

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

Census Division and State	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	1,598	2,040	2,211	8,993	16,498	-45.5
Connecticut	414	574	514	2,127	4,524	-53.0
Maine	61	117	281	352	1,522	-76.9
Massachusetts	1,064	1,260	1,400	6,089	9,297	-34.5
New Hampshire	44	70	10	374	1,016	-63.2
Rhode Island	14	19	6	47	136	-65.3
Vermont		1		4	3	14.3
Middle Atlantic	1,334	4,378	2,155	12,279	15,140	-18.9
New Jersey	15	238	95	517	658	-21.4
New York	1,100	3,482	1,889	9,898	13,497	-26.7
Pennsylvania	219	658	171	1,863	986	89.0
East North Central	292	497	336	1,457	1,519	-4.1
Illinois	147	271	172	792	790	.3
Indiana	25	34	18	123	83	47.9
Michigan	74	146	100	347	465	-25.4
Ohio	34	36	40	157	160	-1.7
Wisconsin	13	9	6	38	21	80.8
West North Central	45	60	40	215	153	40.0
Iowa	6	6	7	24	20	24.6
Kansas	8	21	8	49	26	86.9
Minnesota	6	5	5	17	18	-7.5
Missouri	17	16	15	77	65	18.0
Nebraska	5	3	1	15	6	126.6
North Dakota	3	5	3	24	11	113.7
South Dakota	1	4	1	9	6	37.7
South Atlantic	4,105	5,926	4,647	16,338	16,256	.5
Delaware	197	341	300	1,032	1,092	-5.5
District of Columbia		15	23	26	71	-63.7
Florida	3,618	3,976	3,560	12,016	10,786	11.4
Georgia	19	22	12	67	48	41.0
Maryland	150	937	473	2,139	2,415	-11.4
North Carolina	30	40	18	125	82	52.0
South Carolina	17	33	10	76	36	112.9
Virginia	47	536	223	737	1,615	-54.4
West Virginia	28	25	28	119	111	8.0
East South Central	55	61	56	243	647	-62.5
Alabama	7	15	13	48	51	-6.5
Kentucky	16	15	17	69	65	6.5
Mississippi	15	16	6	36	462	-92.3
Tennessee	18	14	20	90	68	32.5
West South Central	51	101	37	429	171	151.6
Arkansas	17	3	10	39	34	15.1
Louisiana	5	68	3	278	26	972.9
Oklahoma	2	1	3	6	8	-24.3
Texas	26	28	21	106	103	3.3
Mountain	43	62	43	489	300	62.8
Arizona	20	27	16	60	49	21.6
Colorado	1	4	6	7	13	-45.6
Idaho			--			
Montana	1	2	2	6	4	16.8
Nevada	2	13	5	350	161	116.9
New Mexico	3	1	3	16	18	-14.8
Utah	7	4	3	18	20	-9.4
Wyoming	8	11	7	32	33	-2.7
Pacific Contiguous	10	8	27	1,647	343	379.8
California	8	6	26	1,555	337	361.2
Oregon				43	2	1812.3
Washington	2	2		48	4	1204.4
Pacific Noncontiguous	914	929	1,187	3,760	4,499	-16.4
Alaska	41	53	67	299	324	-7.7
Hawaii	874	877	1,120	3,461	4,174	-17.1
U.S. Total	8,448	14,062	10,740	45,849	55,526	-17.4

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 April 1993 petroleum coke consumption was 78,544 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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	1,580	1,981	2,194	8,835	16,272	-45.7
Connecticut	413	572	513	2,123	4,511	-52.9
Maine	61	117	280	350	1,520	-77.0
Massachusetts	1,048	1,204	1,385	5,946	9,093	-34.6
New Hampshire	44	70	10	373	1,016	-63.3
Rhode Island	13	18	5	43	131	-67.3
Vermont	*	*	*	1	1	-7.7
Middle Atlantic	1,305	4,279	2,136	12,055	14,969	-19.5
New Jersey	1	209	93	441	619	-28.7
New York	1,089	3,436	1,878	9,800	13,402	-26.9
Pennsylvania	215	634	166	1,813	949	91.1
East North Central	281	484	328	1,409	1,482	-4.9
Illinois	145	270	170	786	785	.1
Indiana	24	32	18	117	80	46.0
Michigan	71	144	97	337	451	-25.4
Ohio	30	33	38	141	149	-5.4
Wisconsin	11	6	4	28	16	74.6
West North Central	37	49	27	173	114	51.9
Iowa	5	5	4	19	14	34.4
Kansas	6	18	2	37	14	158.7
Minnesota	4	3	4	11	12	-8.5
Missouri	15	13	13	66	58	14.5
Nebraska	4	2	*	9	2	308.1
North Dakota	3	5	3	24	11	122.9
South Dakota	1	3	*	7	3	146.1
South Atlantic	4,039	5,601	4,553	15,800	15,940	-.9
Delaware	196	333	299	1,017	1,082	-6.1
District of Columbia	*	15	7	24	44	-46.2
Florida	3,586	3,773	3,520	11,724	10,639	10.2
Georgia	9	16	10	44	41	8.3
Maryland	147	890	472	2,053	2,391	-14.1
North Carolina	24	20	14	80	63	26.9
South Carolina	6	7	8	28	25	9.8
Virginia	43	524	195	711	1,543	-53.9
West Virginia	28	25	28	119	110	8.1
East South Central	52	57	40	203	598	-66.0
Alabama	6	15	9	45	40	13.8
Kentucky	15	15	17	67	64	5.2
Mississippi	15	16	6	35	462	-92.4
Tennessee	15	12	8	55	32	73.0
West South Central	49	96	35	419	157	166.8
Arkansas	17	1	10	36	33	9.3
Louisiana	5	68	3	278	26	980.0
Oklahoma	2	1	3	5	8	-30.3
Texas	25	26	20	99	90	9.9
Mountain	41	60	42	475	292	62.5
Arizona	20	26	16	57	48	18.2
Colorado	*	4	6	6	10	-34.0
Idaho	--	--	--	--	--	--
Montana	1	2	2	6	5	16.5
Nevada	2	13	5	343	161	113.3
New Mexico	3	1	2	15	18	-13.9
Utah	7	3	3	16	18	-13.2
Wyoming	8	11	7	32	33	-2.7
Pacific Contiguous	*	2	17	1,520	291	423.1
California	--	1	16	1,517	286	430.8
Oregon	*	*	*	1	2	-37.4
Washington	*	1	*	2	3	-22.4
Pacific Noncontiguous	710	705	963	2,805	3,577	-21.6
Alaska	*	*	*	1	2	-61.0
Hawaii	710	705	963	2,805	3,576	-21.6
U.S. Total	8,094	13,313	10,335	43,695	53,692	-18.6

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.

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 April 1993 petroleum coke consumption was 78,544 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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	18	59	17	157	226	-30.4
Connecticut	•	2	1	4	13	-69.0
Maine	•	•	•	2	2	14.7
Massachusetts	16	56	14	143	204	-29.8
New Hampshire	•	•	•	1	1	34.5
Rhode Island	1	1	1	4	4	-6.5
Vermont	•	1	•	3	2	22.1
Middle Atlantic	29	100	18	224	171	30.8
New Jersey	14	29	2	76	39	94.1
New York	11	47	11	98	95	3.0
Pennsylvania	4	24	5	50	37	35.4
East North Central	12	13	9	48	37	28.3
Illinois	2	2	1	7	5	18.7
Indiana	1	2	•	5	3	107.1
Michigan	3	2	3	10	14	-25.8
Ohio	4	4	2	16	11	50.7
Wisconsin	2	3	2	10	5	100.8
West North Central	8	11	13	41	39	5.4
Iowa	1	1	2	5	5	-2.0
Kansas	2	3	5	12	12	-1.2
Minnesota	2	1	2	6	6	-5.7
Missouri	2	3	1	11	8	44.8
Nebraska	1	1	1	5	4	29.5
North Dakota	•	•	•	•	1	•
South Dakota	•	1	1	2	4	-45.0
South Atlantic	66	325	94	538	316	70.1
Delaware	1	8	1	15	10	54.5
District of Columbia	•	•	16	2	27	-92.5
Florida	32	203	40	292	147	98.6
Georgia	10	7	1	23	7	232.5
Maryland	3	47	2	86	24	262.9
North Carolina	5	21	4	45	19	134.1
South Carolina	10	27	3	49	11	360.2
Virginia	4	12	28	25	72	-64.7
West Virginia	•	•	•	•	•	•
East South Central	4	3	16	40	49	-18.6
Alabama	1	•	4	3	11	-76.9
Kentucky	•	•	•	2	1	93.9
Mississippi	•	•	•	•	•	•
Tennessee	3	3	12	35	36	-3.5
West South Central	2	4	2	11	14	-22.6
Arkansas	•	2	•	3	1	363.2
Louisiana	•	•	•	•	•	•
Oklahoma	•	•	•	1	1	59.6
Texas	1	2	1	7	12	-45.3
Mountain	2	3	1	14	8	74.7
Arizona	•	1	•	3	1	139.2
Colorado	•	•	•	1	4	-74.8
Idaho	•	•	•	•	•	•
Montana	•	•	•	•	•	•
Nevada	•	•	•	8	1	810.3
New Mexico	•	•	•	•	•	•
Utah	1	1	1	2	2	33.3
Wyoming	•	•	•	•	•	•
Pacific Contiguous	10	6	10	126	53	140.2
California	8	5	10	39	51	-25.2
Oregon	•	•	•	42	•	•
Washington	2	•	•	46	1	6225.8
Pacific Noncontiguous	205	224	224	955	921	3.7
Alaska	41	52	67	299	323	-7.5
Hawaii	164	172	157	656	599	9.6
U.S. Total	354	748	404	2,154	1,835	17.4

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 •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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	3,846	2,977	4,397	7,178	5,524	29.9
Connecticut	10	20	391	116	877	-86.7
Maine	--	--	--	--	--	--
Massachusetts	3,815	2,955	3,795	7,037	4,370	61.0
New Hampshire	6	--	--	6	--	--
Rhode Island	--	--	90	--	133	--
Vermont	15	1	122	19	144	-86.8
Middle Atlantic	15,000	15,623	22,825	54,368	67,856	-19.9
New Jersey	329	1,508	3,878	3,557	7,806	-54.4
New York	14,335	12,983	18,809	47,429	59,514	-20.3
Pennsylvania	337	1,133	138	3,382	536	531.5
East North Central	2,251	3,053	4,818	12,060	20,202	-40.3
Illinois	445	482	943	1,831	4,392	-58.3
Indiana	437	457	605	2,002	3,290	-39.1
Michigan	925	1,380	2,516	5,990	10,306	-41.9
Ohio	102	417	409	1,304	1,289	1.1
Wisconsin	343	318	345	934	925	1.0
West North Central	1,283	1,487	1,711	5,086	6,667	-23.7
Iowa	238	169	195	750	630	18.9
Kansas	649	920	910	2,933	3,056	-4.0
Minnesota	185	164	316	669	1,864	-64.1
Missouri	63	113	79	311	514	-39.6
Nebraska	148	111	211	411	598	-31.2
North Dakota	--	--	--	--	1	--
South Dakota	--	9	--	12	3	262.6
South Atlantic	14,540	15,059	20,924	56,815	71,845	-20.9
Delaware	322	253	593	795	2,042	-61.1
District of Columbia	--	--	--	--	--	--
Florida	12,549	12,232	18,239	46,861	61,895	-24.3
Georgia	33	22	106	115	133	-13.3
Maryland	187	560	772	1,325	1,980	-33.1
North Carolina	99	141	159	612	867	-29.4
South Carolina	21	69	13	127	824	-84.6
Virginia	1,317	1,776	1,036	6,933	4,070	70.3
West Virginia	11	6	7	46	34	34.5
East South Central	1,520	2,355	6,154	7,335	20,470	-64.2
Alabama	144	215	216	914	1,002	-8.8
Kentucky	27	11	23	62	88	-29.5
Mississippi	1,335	2,114	5,878	6,288	19,273	-67.4
Tennessee	14	15	37	70	107	-33.9
West South Central	93,176	99,952	114,662	354,989	382,078	-7.1
Arkansas	311	280	4,068	1,176	8,862	-86.7
Louisiana	10,869	14,087	22,298	45,021	70,138	-35.8
Oklahoma	10,485	10,268	13,652	39,449	45,192	-12.7
Texas	71,510	75,318	74,644	269,343	257,886	4.4
Mountain	6,865	8,260	7,340	23,099	23,004	.4
Arizona	1,402	1,921	2,300	4,442	7,422	-40.2
Colorado	354	514	243	1,793	1,374	30.5
Idaho	--	--	--	--	--	--
Montana	4	15	11	39	28	40.2
Nevada	1,695	2,305	2,152	5,473	5,489	-3
New Mexico	2,811	2,793	1,981	8,766	6,171	42.0
Utah	592	697	642	2,546	2,487	2.4
Wyoming	7	15	12	41	32	25.2
Pacific Contiguous	33,073	42,546	43,771	162,796	168,826	-3.6
California	32,390	38,720	43,478	153,057	164,382	-6.9
Oregon	--	1,990	--	5,177	4,128	25.4
Washington	683	1,836	293	4,562	316	1343.2
Pacific Noncontiguous	2,155	2,482	2,410	9,954	9,614	3.5
Alaska	2,155	2,482	2,410	9,954	9,614	3.5
Hawaii	--	--	--	--	--	--
U.S. Total	173,709	193,795	229,012	693,681	776,085	-10.6

¹ Data for 1993 are preliminary

² Data for 1992 are final

³ 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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	3,693	2,863	4,287	6,857	5,089	34.7
Connecticut	10	20	391	116	877	-86.7
Maine	--	--	--	--	--	--
Massachusetts	3,662	2,842	3,685	6,716	3,935	70.7
New Hampshire	6	--	--	6	--	NM
Rhode Island	--	--	90	--	133	NM
Vermont	15	1	122	19	144	-86.8
Middle Atlantic	14,672	15,055	22,208	52,922	65,560	-19.3
New Jersey	159	1,097	3,390	2,650	6,392	-58.5
New York	14,189	12,877	18,698	47,010	58,715	-19.9
Pennsylvania	325	1,081	120	3,259	454	618.3
East North Central	1,875	2,697	4,462	10,929	18,828	-42.0
Illinois	414	471	920	1,764	4,314	-59.1
Indiana	420	431	588	1,903	3,223	-40.9
Michigan	686	1,183	2,302	5,376	9,241	-41.8
Ohio	27	329	345	1,031	1,205	-14.4
Wisconsin	328	283	307	854	844	1.1
West North Central	1,052	1,243	1,410	4,221	5,772	-26.9
Iowa	201	164	136	676	514	31.6
Kansas	524	769	737	2,389	2,503	-4.5
Minnesota	170	154	312	629	1,848	-66.0
Missouri	32	74	52	202	400	-49.4
Nebraska	125	75	173	314	504	-37.6
North Dakota	*	--	--	*	1	NM
South Dakota	--	8	--	10	2	391.4
South Atlantic	11,714	11,743	19,005	44,300	64,696	-31.5
Delaware	32	184	409	260	1,565	-83.4
District of Columbia	--	--	--	--	--	--
Florida	11,506	11,020	17,245	42,736	59,462	-28.1
Georgia	1	16	103	69	116	-40.3
Maryland	144	448	739	1,071	1,793	-40.3
North Carolina	--	--	--	--	--	NM
South Carolina	18	56	7	95	817	-88.4
Virginia	2	12	496	22	909	-97.6
West Virginia	11	6	7	46	34	34.5
East South Central	521	1,214	4,923	2,595	15,355	-83.1
Alabama	129	200	215	852	923	-7.7
Kentucky	22	11	20	57	85	-32.0
Mississippi	370	1,003	4,688	1,685	14,347	-88.3
Tennessee	--	--	--	--	--	NM
West South Central	88,821	94,247	108,595	333,002	357,167	-6.8
Arkansas	311	280	4,068	1,176	8,862	-86.7
Louisiana	10,338	13,269	21,569	42,075	67,803	-37.9
Oklahoma	8,510	7,814	10,355	30,407	33,313	-8.7
Texas	69,662	72,885	72,603	259,344	247,190	4.9
Mountain	5,748	6,761	6,423	18,527	19,736	-6.1
Arizona	706	882	1,589	1,751	5,029	-65.2
Colorado	326	402	241	1,416	1,346	5.2
Idaho	--	--	--	--	--	--
Montana	3	2	3	18	18	2.0
Nevada	1,535	2,231	2,141	4,884	5,383	-9.3
New Mexico	2,786	2,756	1,966	8,644	6,093	41.9
Utah	385	473	472	1,773	1,834	-3.3
Wyoming	7	15	12	41	32	25.2
Pacific Contiguous	32,068	37,930	41,700	150,120	159,569	-5.9
California	32,068	37,928	41,700	150,115	159,559	-5.9
Oregon	--	--	--	--	--	NM
Washington	*	1	*	5	10	-45.6
Pacific Noncontiguous	--	--	--	--	--	NM
Alaska	--	--	--	--	--	NM
Hawaii	--	--	--	--	--	--
U.S. Total	160,164	173,752	213,014	623,471	711,770	-12.4

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: • 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	April 1993 ¹	March 1993 ¹	April 1992 ²	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
New England	153	114	110	321	435	-26.3
Connecticut	--	--	--	--	--	--
Maine	--	--	--	--	--	--
Massachusetts	153	114	110	321	435	-26.3
New Hampshire	--	--	--	--	--	NM
Rhode Island	--	--	--	--	--	--
Vermont	--	--	--	--	--	--
Middle Atlantic	328	568	616	1,447	2,296	-37.0
New Jersey	170	411	487	904	1,414	-36.0
New York	146	105	111	419	800	-47.6
Pennsylvania	12	52	18	123	82	50.5
East North Central	376	357	356	1,132	1,374	-17.6
Illinois	30	11	23	67	78	-14.5
Indiana	17	26	17	99	66	48.5
Michigan	239	197	215	615	1,065	-42.3
Ohio	75	89	64	272	84	224.0
Wisconsin	14	35	38	80	80	-6
West North Central	231	244	301	866	895	-3.3
Iowa	37	5	59	74	117	-36.9
Kansas	125	151	172	544	553	-1.8
Minnesota	15	11	4	41	16	154.7
Missouri	31	39	26	108	114	-5.2
Nebraska	23	36	39	97	94	3.4
North Dakota	--	--	--	--	--	NM
South Dakota	--	2	--	3	1	87.6
South Atlantic	2,825	3,316	1,919	12,515	7,150	75.0
Delaware	290	69	183	534	477	11.9
District of Columbia	--	--	--	--	--	--
Florida	1,043	1,213	995	4,125	2,433	69.5
Georgia	32	5	3	46	17	173.5
Maryland	42	112	32	254	187	36.0
North Carolina	99	141	159	612	867	-29.4
South Carolina	4	13	6	33	7	353.6
Virginia	1,315	1,764	540	6,911	3,161	118.6
West Virginia	--	--	--	--	--	--
East South Central	998	1,141	1,231	4,740	5,115	-7.3
Alabama	15	15	1	62	79	-21.5
Kentucky	4	--	3	5	3	35.6
Mississippi	965	1,111	1,190	4,603	4,926	-6.6
Tennessee	14	15	37	70	107	-33.9
West South Central	4,355	5,705	6,067	21,987	24,911	-11.7
Arkansas	--	--	--	--	--	NM
Louisiana	531	818	729	2,946	2,335	26.2
Oklahoma	1,575	2,454	3,297	9,042	11,879	-23.9
Texas	1,849	2,434	2,041	9,999	10,696	-6.5
Mountain	1,117	1,499	917	4,572	3,268	39.9
Arizona	696	1,039	711	2,691	2,393	12.5
Colorado	28	112	2	377	28	1255.0
Idaho	--	--	--	--	--	--
Montana	2	13	8	21	10	107.5
Nevada	159	74	12	589	106	455.9
New Mexico	25	36	15	121	78	55.0
Utah	207	224	170	773	653	18.5
Wyoming	--	--	--	--	--	--
Pacific Contiguous	1,005	4,617	2,071	12,676	9,258	36.9
California	322	792	1,778	2,942	4,823	-39.0
Oregon	--	1,990	--	5,177	4,128	25.4
Washington	683	1,835	292	4,556	306	1387.3
Pacific Noncontiguous	2,155	2,482	2,410	9,954	9,614	3.5
Alaska	2,155	2,482	2,410	9,954	9,614	3.5
Hawaii	--	--	--	--	--	--
U.S. Total	13,544	20,043	15,998	70,209	64,315	9.2

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

³ For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

⁴ 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-749, "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 April 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

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	April 1993 ¹	March 1993 ¹	April 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
ECAR	39,997	39,425	44,339	1.5	-9.8
ERCOT	6,026	5,918	7,877	1.8	-23.5
MAAC	14,865	14,361	14,864	3.5	.
MAIN	11,968	11,930	13,208	.3	-9.4
MAPP (U.S.)	9,882	9,590	10,769	3.0	-8.2
NPCC (U.S.)	2,984	2,854	2,400	4.6	24.3
SERC	29,632	28,066	30,971	5.6	-4.3
SPP	15,310	14,959	18,595	2.3	-17.7
WSCC (U.S.)	17,379	16,870	19,559	3.0	-11.1
Contiguous U.S.	148,043	143,972	162,583	2.8	-8.9
ASCC	6	5	8	13.3	-18.2
Hawaii	--	--	--	--	--
U.S. Total	148,049	143,978	162,591	2.8	-8.9

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.

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	April 1993 ¹	March 1993 ¹	April 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
ECAR	1,590	1,610	1,711	-1.2	-7.1
ERCOT	5,193	5,196	5,404	-1	-3.9
MAAC	5,420	5,307	6,138	2.1	-11.7
MAIN	1,141	1,133	1,275	.7	-10.5
MAPP (U.S.)	762	760	746	.2	2.1
NPCC (U.S.)	12,631	11,452	15,244	10.3	-17.1
SERC	11,101	10,562	11,039	5.1	.6
SPP	4,560	4,338	4,420	5.1	3.2
WSCC (U.S.)	19,249	18,774	20,832	2.5	-7.6
Contiguous U.S.	61,647	59,132	66,809	4.3	-7.7
ASCC	193	205	199	-5.4	-2.7
Hawaii	953	977	1,178	-2.4	-19.1
U.S. Total	62,793	60,314	68,186	4.1	-7.9

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. •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	April 1993 ¹	March 1993	April 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
New England	1,274	1,067	907	19.4	40.6
Connecticut	176	161	163	9.1	8.2
Maine	--	--	--	--	--
Massachusetts	684	527	407	29.7	67.8
New Hampshire	414	378	336	9.5	23.2
Rhode Island	--	--	--	--	--
Vermont	--	--	--	--	--
Middle Atlantic	16,588	16,304	16,424	1.7	1.0
New Jersey	840	725	819	16.3	2.6
New York	1,710	1,787	1,494	-4.3	14.5
Pennsylvania	14,038	13,794	14,111	1.8	-5
East North Central	35,847	35,712	40,309	.4	-11.1
Illinois	6,540	6,380	6,476	2.5	1.0
Indiana	9,342	9,284	12,102	6	-22.8
Michigan	6,803	6,712	7,348	1.4	-7.4
Ohio	10,305	10,371	10,599	-6	-2.8
Wisconsin	2,858	2,965	3,783	-3.6	-24.5
West North Central	17,167	17,124	19,944	.3	-13.9
Iowa	3,459	3,318	3,983	4.3	-13.1
Kansas	2,229	2,301	3,673	-3.1	-39.3
Minnesota	1,895	1,747	1,851	8.5	2.4
Missouri	5,608	5,833	6,380	-3.9	-12.1
Nebraska	1,605	1,626	1,810	-1.3	-11.3
North Dakota	2,090	2,029	1,967	3.0	6.2
South Dakota	282	271	280	4.1	4
South Atlantic	28,370	26,597	31,424	6.7	-5.7
Delaware	351	329	466	6.8	-24.5
District of Columbia	--	--	--	--	--
Florida	4,214	3,948	5,485	6.7	-23.2
Georgia	5,230	5,038	5,947	3.8	-12.1
Maryland	2,496	2,324	2,227	7.4	12.0
North Carolina	4,335	3,960	5,044	9.5	-14.1
South Carolina	2,092	2,164	2,497	-3.3	-16.2
Virginia	1,723	1,399	1,595	23.2	8.0
West Virginia	7,929	7,436	8,162	6.6	-2.9
East South Central	15,440	14,927	14,497	3.4	6.5
Alabama	5,112	4,988	4,896	2.5	4.4
Kentucky	5,425	5,196	5,615	4.4	-3.4
Mississippi	877	872	961	6	-8.8
Tennessee	4,026	3,871	3,025	4.0	33.1
West South Central	15,967	15,352	19,513	3.9	-18.2
Arkansas	1,688	1,397	2,487	20.8	-32.1
Louisiana	1,983	1,763	1,938	12.5	2.3
Oklahoma	3,060	3,096	3,049	-1.2	4
Texas	9,236	9,105	12,039	1.4	-23.3
Mountain	16,357	15,856	18,412	3.2	-11.2
Arizona	3,691	3,607	4,789	2.3	-22.9
Colorado	3,653	3,458	3,344	5.6	9.2
Idaho	--	--	--	--	--
Montana	829	822	736	9	12.6
Nevada	1,315	1,232	1,344	6.7	-2.2
New Mexico	1,500	1,492	1,371	5	9.4
Utah	3,426	3,288	4,001	4.2	-14.4
Wyoming	1,943	1,956	2,826	-7	-31.3
Pacific Contiguous	1,031	1,024	1,153	.7	-10.6
California	--	--	--	--	--
Oregon	576	576	448	1	28.6
Washington	455	449	705	1.4	-35.5
Pacific Noncontiguous	6	5	8	13.3	-18.2
Alaska	6	5	8	13.3	-18.2
Hawaii	--	--	--	--	--
U.S. Total	148,049	143,978	162,591	2.8	-8.9

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. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. •Stocks are end-of-month stocks at electric utilities.

Source: Energy Information Administration, Form EIA-159, Monthly Power Plant Report.

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

Census Division and State	April 1993 ¹	March 1993 ¹	April 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
New England	5,059	5,337	5,673	-5.2	-10.8
Connecticut	1,866	2,038	2,469	-8.4	24.4
Maine	533	595	389	-10.4	36.9
Massachusetts	2,204	2,196	2,330	.4	-5.4
New Hampshire	360	401	391	-10.3	-8.0
Rhode Island	61	74	64	-17.9	-5.1
Vermont	35	33	29	5.3	22.3
Middle Atlantic	10,903	9,517	13,467	14.6	-19.0
New Jersey	1,488	1,455	1,817	2.3	-18.1
New York	7,572	6,115	9,571	23.8	-20.9
Pennsylvania	1,842	1,947	2,079	-5.4	-11.4
East North Central	2,388	2,378	2,601	.4	-8.2
Illinois	968	950	1,065	1.9	-9.1
Indiana	151	157	153	-4.2	-1.7
Michigan	661	650	782	1.7	-15.5
Ohio	414	426	400	-2.9	3.3
Wisconsin	194	195	201	-.3	-3.3
West North Central	1,680	1,699	1,713	-1.1	-1.9
Iowa	198	194	204	1.9	-3.1
Kansas	646	643	677	.4	-4.6
Minnesota	150	156	145	-3.8	3.5
Missouri	362	385	370	-6.0	-2.2
Nebraska	206	205	209	.7	-1.4
North Dakota	53	50	47	6.6	13.0
South Dakota	65	66	61	-1.8	7.1
South Atlantic	12,795	12,091	12,903	5.8	-8
Delaware	462	405	600	14.3	-22.9
District of Columbia	116	116	119	-.1	-2.3
Florida	7,249	6,690	7,543	8.4	-3.9
Georgia	488	475	545	2.8	-10.5
Maryland	1,679	1,556	1,688	7.9	-.5
North Carolina	201	202	242	-.6	-17.2
South Carolina	310	308	366	.6	-15.3
Virginia	2,153	2,193	1,651	-1.8	30.4
West Virginia	137	147	149	-6.7	-8.0
East South Central	1,759	1,533	1,552	14.7	13.3
Alabama	151	154	180	-1.6	-16.0
Kentucky	108	103	102	4.7	4.9
Mississippi	1,097	879	906	24.8	21.1
Tennessee	402	398	363	1.1	10.8
West South Central	7,837	7,916	8,189	-1.0	-4.3
Arkansas	245	262	253	-6.5	-3.1
Louisiana	1,419	1,383	1,528	2.6	-7.1
Oklahoma	613	614	517	-.1	18.5
Texas	5,560	5,658	5,891	-1.7	-5.6
Mountain	1,348	1,379	1,518	-2.3	-11.2
Arizona	685	708	754	-3.3	-9.2
Colorado	184	185	220	-.6	-16.3
Idaho	14	14	15	-.1	6.0
Montana	19	19	18	.8	7.3
Nevada	286	286	345	.1	17.0
New Mexico	103	106	101	-2.5	1.4
Utah	23	26	34	-10.9	31.7
Wyoming	33	35	30	-5.1	8.2
Pacific Contiguous	17,879	17,281	19,193	3.5	-6.8
California	17,289	16,693	18,549	3.6	-6.8
Oregon	241	238	282	1.0	-14.8
Washington	350	350	362	-.1	-3.3
Pacific Noncontiguous	1,147	1,181	1,377	-2.9	-16.7
Alaska	193	205	199	-5.4	2.7
Hawaii	953	977	1,178	-2.4	-19.1
U.S. Total	62,793	60,314	68,186	4.1	-7.9

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. •Data do not include petroleum coke. •The April 1993 petroleum coke stocks were 77,258 short tons. •Stocks are end-of-month stocks at electric utilities.

Source: Energy Information Administration, Form EIA-255, 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 March 1993**

Period	Coal ¹		Petroleum				Gas		All Fossil Fuels ²
	Receipts (thousand short tons)	Cost (cents per 10 ⁶ Btu)	Heavy Oil ³		Total		Receipts (thousand Mcf)	Cost (cents per 10 ⁶ Btu)	Cost (cents per 10 ⁶ Btu)
			Receipts (thousand barrels)	Cost (cents per 10 ⁶ Btu)	Receipts (thousand barrels)	Cost (cents per 10 ⁶ Btu)			
1983	592,728	165.6	211,705	457.8	219,652	462.8	2,732,248	347.4	220.6
1984	684,111	166.4	193,832	481.2	202,372	486.3	2,878,808	360.3	219.1
1985	666,743	164.8	156,410	424.4	164,947	431.7	2,808,921	344.4	209.4
1986	686,964	157.9	220,585	240.1	228,522	243.7	2,387,622	235.1	175.0
1987	721,298	150.6	187,300	297.6	194,578	301.1	2,605,191	224.0	170.5
1988	727,775	146.6	230,234	240.5	236,924	243.9	2,362,721	226.3	164.3
1989	753,217	144.5	237,668	284.6	246,422	289.3	2,472,506	235.5	167.5
1990	786,627	145.5	202,281	331.9	209,350	338.4	2,490,979	232.1	168.9
1991	769,923	144.7	163,106	246.5	169,625	254.8	2,630,818	215.3	160.3
1992 ⁴									
January	64,678	139.6	12,039	223.2	12,539	230.0	159,815	247.1	155.2
February	61,603	142.1	13,634	209.8	14,107	216.1	160,328	201.7	152.7
March	63,857	143.4	12,779	208.2	13,186	214.1	198,040	196.8	153.7
April	60,661	142.7	10,144	217.8	10,555	225.7	218,468	202.6	154.8
May	63,407	142.9	10,079	237.1	10,498	245.1	227,857	207.8	156.4
June	63,704	141.9	10,888	251.4	11,352	260.0	254,025	213.6	158.3
July	64,400	139.3	12,706	274.1	13,217	281.2	315,543	208.9	159.2
August	70,241	139.6	12,152	274.1	12,664	281.2	287,373	237.3	161.6
September	66,503	142.0	8,883	268.5	9,319	277.6	259,771	246.3	163.0
October	66,907	141.3	10,772	290.5	11,221	297.7	205,039	297.9	167.5
November	64,005	141.5	11,161	273.5	11,636	280.5	182,505	282.6	164.5
December	65,998	138.6	13,302	252.1	14,097	261.9	168,913	276.5	160.0
1992	775,963	141.2	138,537	247.5	144,390	255.1	2,637,678	232.8	159.0
1993 ⁴									
January	65,219	138.5	8,437	248.7	9,026	259.1	159,318	267.3	156.2
February	59,229	139.3	7,002	254.1	7,421	263.8	153,681	250.8	155.6
March	63,894	137.6	8,548	248.6	9,022	258.8	186,075	256.6	156.5
Year-to-Date									
1993 ⁴	188,342	138.5	23,987	250.3	25,469	260.4	499,074	258.2	156.1
1992 ⁴	190,139	141.7	38,452	213.4	39,831	219.8	518,183	213.8	153.9

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

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

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

⁴ Data for 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	March 1993 ¹	February 1993 ¹	March 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	14,986	13,435	15,746	43,005	46,524	-7.6
ERCOT	5,800	5,647	5,631	17,919	17,932	-.1
MAAC	3,388	2,953	3,463	9,687	9,767	-.8
MAIN	4,695	3,938	4,634	12,720	13,613	-6.6
MAPP (U.S.)	6,516	6,014	6,273	18,798	18,558	1.3
NPCC (U.S.)	1,288	974	1,450	3,602	4,031	-10.6
SERC	11,538	12,182	11,443	37,395	34,548	8.2
SPP	6,730	5,531	6,593	19,107	19,757	-3.3
WSCC (U.S.)	8,953	8,555	8,624	26,109	25,408	2.8
Contiguous U.S.	63,894	59,229	63,857	188,342	190,139	-9
ASCC	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--
U.S. Total	63,894	59,229	63,857	188,342	190,139	-9

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	March 1993 ¹	February 1993 ¹	March 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	136.0	136.4	140.8	136.6	139.6	-2.1
ERCOT	154.5	144.3	145.9	144.7	139.3	3.8
MAAC	145.3	148.8	166.8	148.0	165.6	-10.6
MAIN	151.7	151.8	161.8	152.5	160.4	-4.9
MAPP (U.S.)	89.0	88.4	96.2	88.6	91.1	-2.7
NPCC (U.S.)	154.6	157.6	160.6	156.6	162.3	-3.5
SERC	160.1	160.0	165.7	159.0	164.6	-3.4
SPP	128.9	144.5	141.4	137.5	141.6	-2.9
WSCC (U.S.)	116.9	118.4	113.2	116.9	111.4	4.9
Contiguous U.S.	137.6	139.3	143.4	138.5	141.7	-2.3
ASCC	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--
U.S. Total	137.6	139.3	143.4	138.5	141.7	-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	March 1993 ¹	February 1993 ¹	March 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	210	154	149	515	554	-7.0
ERCOT	21	10	16	55	99	-45.0
MAAC	1,561	866	1,401	4,173	3,848	8.5
MAIN	168	165	155	539	482	11.8
MAPP (U.S.)	31	20	9	76	48	59.3
NPCC (U.S.)	3,591	3,405	7,762	10,807	23,348	-53.7
SERC	2,563	1,980	2,698	6,779	8,300	-18.3
SPP	79	159	52	342	574	-40.4
WSCC (U.S.)	91	158	49	463	224	106.4
Contiguous U.S.	8,316	6,917	12,291	23,749	37,477	-36.6
ASCC	--	--	--	--	--	--
Hawaii	706	504	895	1,720	2,354	-26.9
U.S. Total	9,022	7,421	13,186	25,469	39,831	-36.1

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

Notes: •Totals may not equal sum of components because of independent rounding. •As of 1991, data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

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

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

NERC Region and Hawaii	March 1993 ¹	February 1993 ¹	March 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	398.5	420.4	347.3	406.7	352.4	15.4
ERCOT	418.5	407.2	398.3	400.7	369.0	8.6
MAAC	246.2	260.3	233.2	252.8	217.7	16.1
MAIN	316.2	303.7	259.1	314.3	284.0	10.7
MAPP (U.S.)	467.2	438.0	421.4	445.3	393.8	13.1
NPCC (U.S.)	253.5	265.0	206.9	259.6	215.7	20.3
SERC	235.1	224.0	188.2	227.3	196.0	16.0
SPP	277.0	231.0	356.9	243.5	212.7	14.5
WSCC (U.S.)	376.9	383.5	410.9	364.4	358.9	1.5
Contiguous U.S.	253.8	259.3	209.8	256.0	215.7	18.7
ASCC	--	--	--	--	--	--
Hawaii	318.0	326.6	273.0	321.8	285.9	12.6
U.S. Total	258.8	263.8	214.1	260.4	219.8	18.5

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. •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	March 1993 ¹	February 1993 ¹	March 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	1,939	2,442	3,791	7,008	10,424	-32.8
ERCOT	60,128	46,858	49,727	159,175	133,078	19.6
MAAC	2,696	2,622	3,389	6,396	5,013	27.6
MAIN	815	430	2,054	1,938	4,083	-52.5
MAPP (U.S.)	313	184	685	864	1,767	-51.1
NPCC (U.S.)	16,060	9,856	16,634	36,752	36,789	-.1
SERC	14,300	13,545	19,101	40,499	49,595	-18.3
SPP	40,871	30,149	51,833	101,072	130,569	-22.6
WSCC (U.S.)	47,844	46,392	49,530	141,685	143,333	-1.2
Contiguous U.S.	184,965	152,480	196,743	495,390	514,650	-3.7
ASCC	1,110	1,202	1,297	3,684	3,533	4.3
Hawaii	--	--	--	--	--	--
U.S. Total	186,075	153,681	198,040	499,074	518,183	-3.7

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

Notes: •Totals may not equal sum of components because of independent rounding. •As of 1991, data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

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

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

NERC Region and Hawaii	March 1993 ¹	February 1993 ¹	March 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	228.2	258.8	182.0	255.2	215.1	18.6
ERCOT	236.5	230.2	196.7	235.9	207.3	13.8
MAAC	250.0	237.8	187.9	245.8	212.5	15.7
MAIN	271.4	289.7	170.6	283.1	202.7	39.7
MAPP (U.S.)	290.8	304.3	186.7	306.4	200.9	52.5
NPCC (U.S.)	270.8	260.0	219.9	274.9	237.1	16.0
SERC	246.2	236.7	180.0	238.5	183.5	30.0
SPP	254.5	241.5	178.0	251.2	194.3	29.3
WSCC (U.S.)	286.7	284.4	221.3	294.3	246.3	19.5
Contiguous U.S.	257.7	252.3	197.7	259.6	214.9	20.8
ASCC	64.3	64.2	59.3	64.3	60.4	6.4
Hawaii	--	--	--	--	--	--
U.S. Total	256.6	250.8	196.8	258.2	213.8	20.8

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,
March 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	--	--	569	14,796	--	--	--	--	569	14,796
Connecticut	--	--	83	2,164	--	--	--	--	83	2,164
Maine	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	334	8,613	--	--	--	--	334	8,613
New Hampshire	--	--	152	4,019	--	--	--	--	152	4,019
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	7	117	4,148	104,151	--	--	--	--	4,155	104,267
New Jersey	--	--	172	4,696	--	--	--	--	172	4,696
New York	--	--	719	18,554	--	--	--	--	719	18,554
Pennsylvania	7	117	3,257	80,900	--	--	--	--	3,264	81,017
East North Central	--	--	10,456	245,388	3,462	60,685	--	--	13,917	306,073
Illinois	--	--	1,650	37,177	715	12,932	--	--	2,366	50,109
Indiana	--	--	2,985	66,846	1,111	19,237	--	--	4,096	86,083
Michigan	--	--	956	24,085	391	6,924	--	--	1,348	31,009
Ohio	--	--	4,643	111,939	--	--	--	--	4,643	111,939
Wisconsin	--	--	221	5,340	1,244	21,592	--	--	1,465	26,932
West North Central	--	--	1,179	26,255	5,566	95,887	2,189	28,640	8,934	150,783
Iowa	--	--	85	1,821	1,147	19,301	--	--	1,232	21,122
Kansas	--	--	197	4,223	1,189	19,917	--	--	1,386	24,140
Minnesota	--	--	7	176	1,553	27,492	--	--	1,561	27,668
Missouri	--	--	878	19,797	920	16,125	--	--	1,798	35,922
Nebraska	--	--	10	239	757	13,053	--	--	767	13,292
North Dakota	--	--	--	--	--	--	1,979	26,089	1,979	26,089
South Dakota	--	--	--	--	--	--	210	2,551	210	2,551
South Atlantic	--	--	9,333	231,900	--	--	--	--	9,333	231,900
Delaware	--	--	196	5,067	--	--	--	--	196	5,067
District of Columbia	--	--	--	--	--	--	--	--	--	--
Florida	--	--	2,023	49,775	--	--	--	--	2,023	49,775
Georgia	--	--	1,664	40,115	--	--	--	--	1,664	40,115
Maryland	--	--	785	19,947	--	--	--	--	785	19,947
North Carolina	--	--	1,359	33,729	--	--	--	--	1,359	33,729
South Carolina	--	--	602	15,340	--	--	--	--	602	15,340
Virginia	--	--	633	16,133	--	--	--	--	633	16,133
West Virginia	--	--	2,071	51,795	--	--	--	--	2,071	51,795
East South Central	--	--	7,137	170,049	--	--	--	--	7,137	170,049
Alabama	--	--	1,972	47,438	--	--	--	--	1,972	47,438
Kentucky	--	--	2,821	65,492	--	--	--	--	2,821	65,492
Mississippi	--	--	237	5,589	--	--	--	--	237	5,589
Tennessee	--	--	2,106	51,530	--	--	--	--	2,106	51,530
West South Central	--	--	140	3,014	5,921	101,516	4,116	50,799	10,177	155,329
Arkansas	--	--	--	--	892	15,450	--	--	892	15,450
Louisiana	--	--	--	--	867	14,699	135	1,885	1,002	16,585
Oklahoma	--	--	11	285	1,447	25,094	--	--	1,458	25,378
Texas	--	--	129	2,729	2,715	46,273	3,981	48,914	6,825	97,916
Mountain	--	--	3,292	72,700	5,692	101,208	23	294	9,007	174,202
Arizona	--	--	781	16,720	708	13,403	--	--	1,489	30,123
Colorado	--	--	458	9,900	981	17,978	--	--	1,439	27,879
Idaho	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	726	12,360	23	294	749	12,654
Nevada	--	--	512	11,462	78	1,516	--	--	590	12,978
New Mexico	--	--	--	--	1,235	22,193	--	--	1,235	22,193
Utah	--	--	1,297	29,896	--	--	--	--	1,297	29,896
Wyoming	--	--	244	4,721	1,964	33,757	--	--	2,208	38,478
Pacific	--	--	6	126	660	10,971	--	--	666	11,097
California	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	210	3,752	--	--	210	3,752
Washington	--	--	6	126	450	7,219	--	--	456	7,345
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--
U.S. Total	7	117	36,259	868,378	21,300	370,267	6,328	79,734	63,894	1,318,496

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	March 1993 Receipts		March 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	569	14,796	520	13,661	38,846	42,646	168.9	174.3
Connecticut	83	2,164	79	2,078	6,288	6,323	169.1	204.2
Maine	--	--	--	--	--	--	--	--
Massachusetts	334	8,613	316	8,319	22,860	27,432	169.8	169.0
New Hampshire	152	4,019	125	3,264	9,698	8,891	166.8	169.4
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	4,155	104,267	4,681	117,746	312,857	329,634	146.8	158.0
New Jersey	172	4,696	202	5,541	17,178	16,966	178.7	174.2
New York	719	18,554	930	24,205	54,711	62,567	147.8	154.2
Pennsylvania	3,264	81,017	3,549	88,000	240,968	250,102	144.3	157.9
East North Central	13,917	306,073	14,327	318,086	839,110	911,637	141.2	146.3
Illinois	2,366	50,109	2,436	51,870	135,679	146,422	174.3	171.2
Indiana	4,096	86,083	4,444	94,961	226,466	269,201	126.6	131.9
Michigan	1,348	31,009	1,546	36,500	90,939	99,501	154.0	158.9
Ohio	4,643	111,939	4,574	109,188	313,194	320,549	139.0	144.3
Wisconsin	1,465	26,932	1,327	25,566	72,831	75,964	119.0	141.3
West North Central	8,934	150,783	8,908	153,101	421,989	449,207	101.7	109.9
Iowa	1,232	21,122	1,266	21,971	57,513	64,713	93.6	102.6
Kansas	1,386	24,140	1,363	24,705	59,306	67,663	102.7	121.1
Minnesota	1,561	27,668	1,386	24,580	76,911	65,797	116.1	124.9
Missouri	1,798	35,922	1,998	41,577	102,282	127,895	126.9	134.6
Nebraska	767	13,292	612	10,421	39,918	35,743	78.8	75.4
North Dakota	1,979	26,089	2,062	27,196	79,878	81,218	71.7	69.8
South Dakota	210	2,551	221	2,648	6,181	6,177	109.8	118.9
South Atlantic	9,333	231,900	10,050	250,418	738,225	753,340	164.1	168.2
Delaware	196	5,067	157	4,059	12,807	10,975	171.6	176.4
District of Columbia	--	--	--	--	--	--	--	--
Florida	2,023	49,775	2,007	49,735	146,514	148,483	175.3	187.6
Georgia	1,664	40,115	1,711	41,211	132,048	126,171	179.9	184.2
Maryland	785	19,947	805	20,481	55,751	53,055	159.0	165.2
North Carolina	1,359	33,729	1,410	35,020	114,882	112,981	173.1	178.0
South Carolina	602	15,340	717	18,374	56,832	60,327	156.4	152.2
Virginia	633	16,133	838	21,438	55,601	57,821	147.1	146.3
West Virginia	2,071	51,795	2,404	60,100	163,788	183,526	144.7	147.9
East South Central	7,137	170,049	6,376	152,667	537,690	473,243	137.8	139.5
Alabama	1,972	47,438	2,026	49,006	154,827	145,390	178.4	177.0
Kentucky	2,821	65,492	2,420	56,238	205,904	183,297	115.8	116.3
Mississippi	237	5,589	263	6,640	16,628	17,818	168.0	161.5
Tennessee	2,106	51,530	1,667	40,782	160,330	126,740	123.6	126.9
West South Central	10,177	155,328	9,769	148,300	469,605	468,979	147.8	146.2
Arkansas	892	15,450	837	14,633	44,260	49,167	160.9	165.8
Louisiana	1,002	16,585	878	13,979	50,030	44,651	159.1	160.3
Oklahoma	1,458	25,378	1,216	21,334	73,064	70,099	124.5	127.8
Texas	6,825	97,916	6,838	98,354	302,251	305,062	149.7	145.2
Mountain	9,007	174,202	8,703	168,713	505,005	500,443	112.3	106.6
Arizona	1,489	30,123	1,256	25,738	85,981	80,494	131.7	128.6
Colorado	1,439	27,879	1,291	25,490	80,485	76,994	111.6	107.6
Idaho	--	--	--	--	--	--	--	--
Montana	749	12,654	1,043	17,913	46,665	51,295	65.1	65.5
Nevada	590	12,978	656	14,643	39,650	44,746	144.1	135.0
New Mexico	1,235	22,193	1,259	22,697	60,673	59,506	142.9	133.7
Utah	1,297	29,896	1,155	26,040	83,886	75,354	119.9	118.3
Wyoming	2,208	38,478	2,043	36,192	107,664	112,052	83.2	75.2
Pacific Contiguous	666	11,097	523	8,734	32,754	27,173	128.4	133.8
California	--	--	--	--	--	--	--	--
Oregon	210	3,752	150	2,905	9,168	8,105	112.8	108.8
Washington	456	7,345	373	5,828	23,586	19,067	134.4	144.5
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	63,894	1,318,496	63,857	1,331,425	3,896,079	3,956,302	138.5	141.7

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, March 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	525	168.1	43.84	44	163.2	40.82	44	163.2	40.82	525	168.1	43.84
Connecticut	83	169.8	44.27	--	--	--	--	--	--	83	169.8	44.27
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	289	169.5	43.92	44	163.2	40.82	44	163.2	40.82	289	169.5	43.92
New Hampshire	152	164.4	43.44	--	--	--	--	--	--	152	164.4	43.44
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	2,987	152.3	38.43	1,167	120.5	29.84	1,452	129.4	31.84	2,702	150.8	38.25
New Jersey	172	180.3	49.32	--	--	--	24	177.9	46.94	148	180.7	49.70
New York	377	151.5	39.69	342	135.9	34.52	130	140.0	33.59	588	145.1	38.04
Pennsylvania	2,439	150.3	37.46	825	113.8	27.90	1,298	127.4	31.39	1,967	150.2	37.46
East North Central	10,457	150.4	32.93	3,460	112.8	25.15	9,247	138.9	29.29	4,670	144.5	34.38
Illinois	2,092	179.5	37.44	273	128.2	30.32	1,276	206.4	41.47	1,089	137.7	30.93
Indiana	2,908	133.0	27.79	1,189	109.2	23.26	3,329	119.3	24.73	768	152.8	34.07
Michigan	1,210	156.5	36.23	138	131.3	28.50	980	150.0	32.93	368	163.3	42.15
Ohio	3,268	152.4	36.44	1,375	112.5	27.67	2,304	139.2	32.96	2,339	141.5	34.71
Wisconsin	979	121.5	22.76	486	106.4	18.80	1,359	112.9	20.18	106	151.2	37.74
West North Central	7,756	98.3	16.48	1,178	94.7	16.72	8,489	93.5	15.48	445	157.5	36.26
Iowa	756	90.5	15.35	476	102.3	17.84	1,215	94.5	16.12	17	129.4	29.87
Kansas	981	80.3	13.81	405	90.1	16.18	1,377	83.0	14.43	9	109.3	24.83
Minnesota	1,529	115.2	20.38	31	138.2	27.16	1,553	115.3	20.42	7	173.4	40.58
Missouri	1,737	119.8	23.84	61	120.1	26.66	1,398	105.8	20.21	400	160.6	36.97
Nebraska	619	80.9	14.06	148	72.5	12.42	757	78.6	13.56	10	116.8	26.60
North Dakota	1,924	73.4	9.68	55	44.8	5.64	1,979	72.6	9.57	--	--	--
South Dakota	210	107.3	13.03	--	--	--	210	107.3	13.03	--	--	--
South Atlantic	7,557	172.6	42.90	1,776	127.0	31.49	3,212	165.3	40.90	6,121	163.2	40.64
Delaware	196	169.4	43.76	--	--	--	36	160.3	40.81	160	171.4	44.42
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	1,386	194.0	48.17	637	128.2	30.90	626	176.3	43.34	1,398	172.6	42.46
Georgia	1,404	190.7	45.79	260	148.5	36.58	500	165.8	40.63	1,163	191.9	45.95
Maryland	639	160.6	40.74	146	142.6	36.55	449	163.7	41.11	335	148.8	38.43
North Carolina	1,285	176.3	43.68	74	141.4	36.08	671	171.7	42.39	688	176.9	44.12
South Carolina	532	156.9	39.88	70	148.5	38.57	61	152.3	39.27	541	156.3	39.78
Virginia	444	147.8	37.68	190	139.1	35.33	242	141.8	35.98	392	147.2	37.59
West Virginia	1,671	154.3	38.57	399	93.2	23.38	626	159.0	39.01	1,445	135.5	34.18
East South Central	5,387	146.5	34.87	1,749	114.1	27.27	2,765	139.1	33.06	4,371	138.2	32.98
Alabama	1,713	191.1	45.94	259	127.3	30.72	816	184.1	44.69	1,156	181.7	43.41
Kentucky	2,122	118.8	27.41	693	105.4	24.94	1,725	117.7	27.79	1,096	111.6	25.23
Mississippi	148	176.2	44.73	88	158.5	32.66	81	162.3	33.28	156	173.9	43.84
Tennessee	1,404	129.2	31.61	703	113.0	27.64	143	122.5	30.10	1,964	123.9	30.30
West South Central	9,501	152.1	23.02	676	151.2	25.80	10,134	152.0	23.16	43	165.9	35.71
Arkansas	690	162.7	28.50	202	128.7	21.46	892	155.3	26.91	--	--	--
Louisiana	1,002	157.9	26.13	--	--	--	1,002	157.9	26.13	--	--	--
Oklahoma	1,447	125.7	21.88	11	88.1	15.39	1,458	125.4	21.82	--	--	--
Texas	6,362	157.1	22.20	463	162.3	27.95	6,782	157.4	22.51	43	165.9	35.71
Mountain	7,949	115.5	22.26	1,057	87.3	17.38	7,264	107.9	19.93	1,743	126.3	29.02
Arizona	1,028	139.5	28.57	461	109.5	21.57	1,489	130.5	26.40	--	--	--
Colorado	1,387	111.8	21.72	52	87.8	15.98	1,163	112.8	21.04	276	104.8	23.51
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	749	66.9	11.30	--	--	--	749	66.9	11.30	--	--	--
Nevada	590	148.4	32.66	--	--	--	420	131.9	28.29	170	185.7	43.49
New Mexico	1,235	139.7	25.10	--	--	--	1,235	139.7	25.10	--	--	--
Utah	1,125	130.5	29.96	172	73.8	17.46	--	--	--	1,297	122.8	28.30
Wyoming	1,835	79.4	13.64	373	66.2	12.36	2,208	77.0	13.42	--	--	--
Pacific	402	132.7	20.63	264	116.8	21.43	666	125.8	20.95	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	210	112.6	20.12	210	112.6	20.12	--	--	--
Washington	402	132.7	20.63	54	131.1	26.54	456	132.5	21.33	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	52,522	143.0	29.05	11,372	114.8	25.37	43,274	130.5	24.64	20,620	149.2	36.28

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, March 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	--	--	--	262	165.5	42.50	167	167.9	43.74
Connecticut	--	--	--	83	169.8	44.27	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	138	167.3	42.39	167	167.9	43.74
New Hampshire	--	--	--	41	150.5	39.27	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	3	123.2	22.49	357	178.8	47.34	307	162.7	40.09
New Jersey	--	--	--	172	180.3	49.32	--	--	--
New York	--	--	--	83	197.7	50.41	76	141.9	34.36
Pennsylvania	3	123.2	22.49	102	160.9	41.52	231	169.5	41.98
East North Central	3,573	143.6	25.89	2,424	155.8	37.25	995	156.3	37.07
Illinois	778	247.6	45.87	213	157.3	39.84	--	--	--
Indiana	1,130	122.4	21.56	411	147.3	33.86	394	159.1	34.43
Michigan	391	107.4	19.00	669	168.5	41.97	236	163.6	42.57
Ohio	--	--	--	1,006	149.8	36.09	365	148.6	36.35
Wisconsin	1,273	107.8	19.65	125	156.8	28.03	--	--	--
West North Central	4,982	92.6	16.05	3,072	88.2	12.81	134	174.2	40.39
Iowa	1,125	94.9	16.19	85	85.0	14.33	--	--	--
Kansas	1,226	76.7	12.95	107	122.3	25.58	--	--	--
Minnesota	1,053	117.0	20.80	500	111.8	19.62	4	183.0	42.13
Missouri	821	93.2	16.67	180	109.5	20.24	130	174.0	40.33
Nebraska	757	78.6	13.56	10	116.8	26.60	--	--	--
North Dakota	--	--	--	1,979	72.6	9.57	--	--	--
South Dakota	--	--	--	210	107.3	13.03	--	--	--
South Atlantic	116	143.4	34.05	3,713	168.7	42.13	2,224	163.0	40.90
Delaware	--	--	--	128	174.0	44.69	68	160.7	41.99
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	116	143.4	34.05	611	168.9	42.04	348	191.5	48.92
Georgia	--	--	--	384	191.7	47.60	536	160.2	39.27
Maryland	--	--	--	356	152.8	39.01	115	145.9	36.45
North Carolina	--	--	--	974	175.7	43.38	385	170.9	42.98
South Carolina	--	--	--	192	159.8	41.21	349	157.1	39.76
Virginia	--	--	--	468	144.5	36.61	158	145.9	37.64
West Virginia	--	--	--	601	173.8	42.61	266	144.9	35.74
East South Central	198	224.5	50.59	1,831	168.5	41.17	697	127.1	31.63
Alabama	130	247.8	59.77	933	203.5	49.18	117	141.7	34.43
Kentucky	--	--	--	690	124.6	30.43	134	117.2	27.98
Mississippi	68	168.9	32.92	103	193.4	48.97	--	--	--
Tennessee	--	--	--	104	126.1	32.89	446	126.2	32.00
West South Central	6,050	159.9	27.55	1,303	134.6	16.73	2,530	141.7	17.67
Arkansas	892	155.3	26.91	--	--	--	--	--	--
Louisiana	867	162.2	27.49	135	124.2	17.34	--	--	--
Oklahoma	1,447	125.6	21.79	--	--	--	--	--	--
Texas	2,844	178.2	30.70	1,168	136.0	16.66	2,530	141.7	17.67
Mountain	4,608	109.7	21.80	4,395	114.9	21.58	4	63.8	13.99
Arizona	554	132.8	26.30	935	129.2	26.46	--	--	--
Colorado	1,336	111.9	21.59	103	100.1	20.45	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	749	66.9	11.30	--	--	--
Nevada	495	139.5	31.21	95	200.2	40.22	--	--	--
New Mexico	--	--	--	1,235	139.7	25.10	--	--	--
Utah	1,153	122.7	28.16	144	123.4	29.50	--	--	--
Wyoming	1,070	52.8	8.54	1,134	97.0	18.04	4	63.8	13.99
Pacific	250	116.2	20.99	416	132.3	20.93	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	210	112.6	20.12	--	--	--	--	--	--
Washington	40	133.8	25.57	416	132.3	20.93	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U. S. Total	19,779	128.0	23.20	17,771	142.4	28.97	7,058	153.2	31.12

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, March 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 Cost¹		Receipts	Average Cost¹		Receipts	Average Cost¹			
	(1,000 short tons)	(Cents per 10⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10⁶ Btu)	(\$ per short ton)	(Cents per 10⁶ Btu)	(\$ per short ton)
New England	131	172.5	45.76	10	157.0	41.73	--	--	--	167.7	43.60
Connecticut	--	--	--	--	--	--	--	--	--	169.8	44.27
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	29	179.3	47.44	--	--	--	--	--	--	168.7	43.51
New Hampshire	102	170.6	45.28	10	157.0	41.73	--	--	--	164.4	43.44
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	1,562	138.4	35.36	1,925	137.7	33.82	--	--	--	143.5	36.01
New Jersey	--	--	--	--	--	--	--	--	--	180.3	49.32
New York	418	138.1	36.06	141	132.7	34.53	--	--	--	144.2	37.23
Pennsylvania	1,145	138.5	35.10	1,784	138.1	33.76	--	--	--	141.2	35.04
East North Central	1,120	121.8	29.04	2,767	131.1	29.92	3,039	137.2	31.73	140.9	31.00
Illinois	211	110.6	26.60	917	146.2	31.71	246	145.0	31.41	172.8	36.61
Indiana	453	129.5	28.53	932	111.7	25.02	775	117.4	26.25	126.0	26.48
Michigan	33	155.2	39.63	5	304.0	76.46	13	162.8	38.73	154.0	35.44
Ohio	422	117.3	29.99	846	130.6	32.02	2,004	143.5	33.84	140.4	33.84
Wisconsin	--	--	--	67	192.9	43.31	--	--	--	116.7	21.45
West North Central	87	129.6	30.14	331	143.5	31.58	328	131.5	29.55	97.8	16.51
Iowa	19	128.8	29.68	--	--	--	3	177.6	34.33	95.1	16.31
Kansas	9	109.3	24.83	35	127.1	28.01	9	123.8	30.95	83.3	14.50
Minnesota	--	--	--	3	160.9	38.49	--	--	--	115.7	20.51
Missouri	59	133.0	31.15	292	145.2	31.93	316	131.3	29.47	119.9	23.94
Nebraska	--	--	--	--	--	--	--	--	--	79.3	13.74
North Dakota	--	--	--	--	--	--	--	--	--	72.6	9.57
South Dakota	--	--	--	--	--	--	--	--	--	107.3	13.03
South Atlantic	992	156.2	38.95	1,752	167.9	41.37	536	138.7	32.93	163.9	40.73
Delaware	--	--	--	--	--	--	--	--	--	169.4	43.76
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	32	124.2	28.99	907	175.5	42.47	9	157.5	36.95	173.7	42.73
Georgia	244	186.7	46.47	291	209.4	49.09	209	194.2	42.31	183.9	44.35
Maryland	255	172.5	43.35	59	141.1	37.88	--	--	--	157.2	39.96
North Carolina	--	--	--	--	--	--	--	--	--	174.3	43.26
South Carolina	61	137.1	34.94	--	--	--	--	--	--	155.9	39.73
Virginia	8	173.3	45.86	--	--	--	--	--	--	145.2	36.98
West Virginia	392	131.6	32.71	494	135.9	35.21	318	106.5	26.66	142.5	35.64
East South Central	1,263	143.7	34.46	2,001	118.0	27.73	1,147	111.3	25.41	138.5	33.01
Alabama	596	165.0	39.48	128	121.3	29.13	68	108.5	25.07	182.7	43.94
Kentucky	152	113.8	27.10	941	111.8	25.96	904	111.6	24.67	115.4	26.80
Mississippi	21	131.3	31.81	45	137.4	35.09	--	--	--	170.4	40.22
Tennessee	494	127.7	30.78	887	122.9	29.03	175	110.8	29.36	123.8	30.29
West South Central	283	89.2	9.63	--	--	--	11	108.3	26.81	152.1	23.21
Arkansas	--	--	--	--	--	--	--	--	--	155.3	26.91
Louisiana	--	--	--	--	--	--	--	--	--	157.9	26.13
Oklahoma	--	--	--	--	--	--	11	108.3	26.81	125.4	21.82
Texas	283	89.2	9.63	--	--	--	--	--	--	157.5	22.59
Mountain	--	--	--	--	--	--	--	--	--	112.1	21.69
Arizona	--	--	--	--	--	--	--	--	--	130.5	26.40
Colorado	--	--	--	--	--	--	--	--	--	111.0	21.51
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	66.9	11.30
Nevada	--	--	--	--	--	--	--	--	--	148.4	32.66
New Mexico	--	--	--	--	--	--	--	--	--	139.7	25.10
Utah	--	--	--	--	--	--	--	--	--	122.8	28.30
Wyoming	--	--	--	--	--	--	--	--	--	77.0	13.42
Pacific	--	--	--	--	--	--	--	--	--	125.8	20.95
California	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	112.6	20.12
Washington	--	--	--	--	--	--	--	--	--	132.5	21.33
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	5,439	139.2	33.33	8,785	137.7	32.63	5,061	131.1	30.27	137.6	28.40

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,
March 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	22	126	--	--	--	--	2,675	17,118	2,697	17,244
Connecticut	3	20	--	--	--	--	500	3,203	504	3,223
Maine	1	4	--	--	--	--	179	1,138	180	1,142
Massachusetts	12	69	--	--	--	--	1,798	11,460	1,810	11,529
New Hampshire	6	33	--	--	--	--	198	1,317	203	1,350
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	75	437	--	--	--	--	1,347	8,607	1,422	9,044
New Jersey	5	27	--	--	--	--	96	602	101	629
New York	9	53	--	--	--	--	886	5,660	895	5,713
Pennsylvania	62	357	--	--	--	--	365	2,345	427	2,701
East North Central	122	705	--	--	--	--	192	1,218	314	1,923
Illinois	41	237	--	--	--	--	124	787	165	1,024
Indiana	28	161	--	--	--	--	--	--	28	161
Michigan	21	122	--	--	--	--	68	431	89	554
Ohio	29	169	--	--	--	--	--	--	29	169
Wisconsin	3	15	--	--	--	--	--	--	3	15
West North Central	35	203	--	--	--	--	--	--	35	203
Iowa	14	79	--	--	--	--	--	--	14	79
Kansas	8	46	--	--	--	--	--	--	8	46
Minnesota	1	5	--	--	--	--	--	--	1	5
Missouri	3	15	--	--	--	--	--	--	3	15
Nebraska	.	1	--	--	--	--	--	--	.	1
North Dakota	5	27	--	--	--	--	--	--	5	27
South Dakota	5	29	--	--	--	--	--	--	5	29
South Atlantic	128	748	--	--	--	--	3,498	22,219	3,626	22,967
Delaware	6	34	--	--	--	--	287	1,825	293	1,859
District of Columbia	--	--	--	--	--	--	--	--	--	--
Florida	29	168	--	--	--	--	2,467	15,671	2,495	15,838
Georgia	12	70	--	--	--	--	--	--	12	70
Maryland	21	119	--	--	--	--	744	4,724	765	4,843
North Carolina	15	85	--	--	--	--	--	--	15	85
South Carolina	10	56	--	--	--	--	--	--	10	56
Virginia	10	57	--	--	--	--	--	--	10	57
West Virginia	27	160	--	--	--	--	--	--	27	160
East South Central	35	203	--	--	--	--	--	--	35	203
Alabama	14	79	--	--	--	--	--	--	14	79
Kentucky	11	64	--	--	--	--	--	--	11	64
Mississippi	.	.	--	--	--	--	--	--	.	.
Tennessee	10	59	--	--	--	--	--	--	10	59
West South Central	36	210	--	--	--	--	55	358	91	568
Arkansas	3	15	--	--	--	--	--	--	3	15
Louisiana	12	73	--	--	--	--	55	358	68	431
Oklahoma	--	--	--	--	--	--	--	--	--	--
Texas	21	122	--	--	--	--	--	--	21	122
Mountain	19	110	--	--	--	--	75	469	94	578
Arizona	2	12	--	--	--	--	--	--	2	12
Colorado	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--
Nevada	1	6	--	--	--	--	75	469	76	475
New Mexico	4	23	--	--	--	--	--	--	4	23
Utah	5	29	--	--	--	--	--	--	5	29
Wyoming	7	41	--	--	--	--	--	--	7	41
Pacific	2	12	--	--	--	--	--	--	2	12
California	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--
Washington	2	12	--	--	--	--	--	--	2	12
Pacific Noncontiguous	--	--	--	--	--	--	706	4,395	706	4,395
Alaska	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	706	4,395	706	4,395
U.S. Total	474	2,753	--	--	--	--	8,548	54,385	9,021	57,138

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

. Less than 0.5

Notes •Totals may not equal sum of components because of independent rounding •Data are for electric generating plants with total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts •Data for 1993 are preliminary

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

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

Census Division and State	March 1993 Receipts		March 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	2,697	17,244	4,784	30,312	42,714	88,577	257.9	199.6
Connecticut	504	3,223	1,271	7,998	9,957	25,231	246.6	220.5
Maine	180	1,142	331	2,087	1,150	4,532	198.8	203.7
Massachusetts	1,810	11,529	2,717	17,231	30,207	50,262	266.9	195.9
New Hampshire	203	1,350	465	2,997	1,395	8,041	191.7	154.6
Rhode Island	--	--	--	--	--	511	--	195.0
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	1,422	9,044	3,429	21,700	40,109	69,721	263.8	241.9
New Jersey	101	629	262	1,627	3,193	3,036	278.6	265.4
New York	895	5,713	2,978	18,886	26,201	59,372	262.4	239.8
Pennsylvania	427	2,701	189	1,187	10,715	7,313	262.6	249.1
East North Central	314	1,923	267	1,662	5,452	5,141	339.7	294.3
Illinois	165	1,024	149	942	3,122	2,855	306.9	274.5
Indiana	28	161	11	61	516	318	433.0	390.2
Michigan	89	554	64	406	1,036	1,348	323.5	254.9
Ohio	29	169	41	240	662	502	430.2	412.0
Wisconsin	3	15	2	14	116	117	435.5	463.4
West North Central	35	203	31	186	758	652	375.2	276.8
Iowa	14	79	1	7	135	110	439.9	370.9
Kansas	8	46	2	14	117	78	428.3	396.2
Minnesota	1	5	1	6	16	49	468.9	409.4
Missouri	3	15	23	142	282	374	263.9	192.2
Nebraska	--	1	--	--	47	2	417.0	386.9
North Dakota	5	27	3	17	128	39	452.5	412.2
South Dakota	5	29	--	--	33	--	467.2	--
South Atlantic	3,626	22,970	3,660	23,100	55,654	67,050	230.8	196.7
Delaware	293	1,859	154	977	4,465	3,820	239.2	208.4
District of Columbia	--	--	40	241	12	264	432.1	304.4
Florida	2,495	15,838	2,093	13,295	41,882	46,599	221.5	192.8
Georgia	12	70	15	88	188	203	450.1	428.2
Maryland	765	4,843	761	4,806	8,105	10,095	240.2	186.6
North Carolina	15	85	14	80	272	271	429.1	404.7
South Carolina	10	56	11	63	100	77	446.0	424.5
Virginia	10	57	549	3,409	161	5,113	448.9	184.9
West Virginia	28	163	24	141	471	609	485.3	441.9
East South Central	35	203	24	138	690	3,453	451.6	234.3
Alabama	14	79	9	52	193	158	443.0	444.2
Kentucky	11	64	9	51	238	287	457.0	441.9
Mississippi	--	--	1	8	31	2,882	462.3	189.0
Tennessee	10	59	5	27	228	127	451.8	534.6
West South Central	91	568	44	257	2,174	960	259.4	383.8
Arkansas	3	15	19	112	117	173	475.5	470.5
Louisiana	68	431	7	40	1,736	131	218.7	340.1
Oklahoma	--	--	3	15	--	20	--	384.9
Texas	21	122	16	90	320	636	400.6	369.1
Mountain	94	578	52	300	2,598	1,388	362.8	358.7
Arizona	2	12	34	199	23	313	504.3	418.2
Colorado	--	--	--	--	--	13	--	379.3
Idaho	--	--	--	--	--	--	--	--
Montana	--	--	--	--	12	12	484.4	499.1
Nevada	76	475	5	29	2,347	722	349.9	301.3
New Mexico	4	23	6	33	91	97	502.4	451.7
Utah	5	29	--	--	32	47	558.0	429.8
Wyoming	7	41	7	39	93	184	434.3	405.6
Pacific Contiguous	2	12	1	6	335	24	390.7	512.5
California	--	--	--	--	323	--	388.5	--
Oregon	--	--	--	--	--	--	--	--
Washington	2	12	1	6	13	24	448.0	512.5
Pacific Noncontiguous	706	4,395	895	5,638	10,739	14,797	321.8	285.9
Alaska	--	--	--	--	--	--	--	--
Hawaii	706	4,395	895	5,638	10,739	14,797	321.8	285.9
U.S. Total	9,022	57,141	13,186	83,299	161,224	251,763	260.4	219.8

¹ Monetary values are expressed in nominal terms.

-- Less than 0.5

Notes: •Data for 1992 are final. Data for 1993 are preliminary. •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •The March 1993 petroleum coke receipts were 65,055 short tons and the cost was 58.3 cents per million Btu.

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

Table 46. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Type, Census Division, and State, March 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 ²		Receipts	Average Cost ²		(Cents per 10 ⁶ Btu)	(\$ per bbl)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(Cents per 10 ⁶ Btu)	(\$ per bbl)
	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)						
New England	1 236	235.7	15.10	439	327.2	20.82	451.4	26.15	--	--	250.6	16.04
Connecticut	454	248.5	15.91	47	253.9	16.22	455.9	26.61	--	--	249.0	15.93
Maine	179	196.5	12.50	--	--	--	432.0	25.41	--	--	196.5	12.50
Massachusetts	1,406	245.2	15.64	392	336.0	21.38	454.4	26.32	--	--	264.9	16.89
New Hampshire	198	176.8	11.79	--	--	--	444.6	25.59	--	--	176.8	11.79
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	1,301	257.1	16.43	46	120.4	7.74	456.1	26.47	--	--	252.4	16.13
New Jersey	96	293.9	18.45	--	--	--	448.6	26.07	--	--	293.9	18.45
New York	886	255.9	16.35	--	--	--	475.7	27.83	--	--	255.9	16.35
Pennsylvania	319	249.6	16.03	46	120.4	7.74	453.8	26.31	--	--	233.3	14.99
East North Central	124	268.5	17.04	68	272.3	17.22	456.6	26.43	--	--	269.9	17.11
Illinois	124	268.5	17.04	--	--	--	461.5	26.82	--	--	268.5	17.04
Indiana	--	--	--	--	--	--	454.5	26.18	--	--	--	--
Michigan	--	--	--	68	272.3	17.22	435.4	25.27	--	--	272.3	17.22
Ohio	--	--	--	--	--	--	467.4	26.98	--	--	--	--
Wisconsin	--	--	--	--	--	--	451.4	26.54	--	--	--	--
West North Central	--	--	--	--	--	--	460.3	26.76	--	--	--	--
Iowa	--	--	--	--	--	--	456.9	26.57	--	--	--	--
Kansas	--	--	--	--	--	--	445.4	25.87	--	--	--	--
Minnesota	--	--	--	--	--	--	478.9	27.68	--	--	--	--
Missouri	--	--	--	--	--	--	461.7	26.67	--	--	--	--
Nebraska	--	--	--	--	--	--	475.1	27.56	--	--	--	--
North Dakota	--	--	--	--	--	--	478.2	27.60	--	--	--	--
South Dakota	--	--	--	--	--	--	472.1	27.76	--	--	--	--
South Atlantic	2,343	236.5	14.99	1,154	214.9	13.72	457.1	26.67	--	--	229.3	14.57
Delaware	287	245.2	15.60	--	--	--	436.7	25.80	--	--	245.2	15.60
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	1,313	238.3	15.08	1,154	214.9	13.72	449.3	26.32	--	--	227.3	14.44
Georgia	--	--	--	--	--	--	463.5	26.95	--	--	--	--
Maryland	744	229.8	14.59	--	--	--	437.0	25.31	--	--	229.8	14.59
North Carolina	--	--	--	--	--	--	444.2	25.83	--	--	--	--
South Carolina	--	--	--	--	--	--	456.7	26.47	--	--	--	--
Virginia	--	--	--	--	--	--	462.2	27.09	--	--	--	--
West Virginia	--	--	--	--	--	--	487.1	28.47	--	--	--	--
East South Central	--	--	--	--	--	--	468.5	27.24	--	--	--	--
Alabama	--	--	--	--	--	--	451.5	26.26	--	--	--	--
Kentucky	--	--	--	--	--	--	493.0	28.69	--	--	--	--
Mississippi	--	--	--	--	--	--	453.2	26.02	--	--	--	--
Tennessee	--	--	--	--	--	--	464.6	26.97	--	--	--	--
West South Central	53	207.1	13.41	2	199.0	12.68	439.4	25.69	--	--	206.8	13.38
Arkansas	--	--	--	--	--	--	469.8	26.99	--	--	--	--
Louisiana	53	207.1	13.41	2	199.0	12.68	468.4	27.80	--	--	206.8	13.38
Oklahoma	--	--	--	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	418.5	24.30	--	--	--	--
Mountain	--	--	--	75	350.5	21.90	509.7	29.48	--	--	350.5	21.90
Arizona	--	--	--	--	--	--	512.0	29.57	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	75	350.5	21.90	504.0	29.32	--	--	350.5	21.90
New Mexico	--	--	--	--	--	--	526.9	30.10	--	--	--	--
Utah	--	--	--	--	--	--	558.0	32.34	--	--	--	--
Wyoming	--	--	--	--	--	--	466.0	27.10	--	--	--	--
Pacific	--	--	--	--	--	--	443.7	26.07	--	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	443.7	26.07	--	--	--	--
Pacific Noncontiguous	796	318.0	19.79	--	--	--	--	--	--	--	318.0	19.79
Alaska	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	796	318.0	19.79	--	--	--	--	--	--	--	318.0	19.79
U. S. Total	6,763	248.9	15.83	1,785	247.8	15.79	458.3	26.64	--	--	248.6	15.82

¹ Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1993 are preliminary.

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

Table 47. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, March 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	--	--	--	10	290.2	18.44	1,527	237.0	15.14
Connecticut	--	--	--	--	--	--	500	249.0	15.93
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	10	290.2	18.44	1,026	231.1	14.76
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	375	285.5	18.06	281	246.0	15.80	349	250.8	16.07
New Jersey	82	298.2	18.69	--	--	--	14	269.0	17.02
New York	255	282.8	17.90	--	--	--	289	270.8	17.35
Pennsylvania	38	276.8	17.75	281	246.0	15.80	46	120.4	7.74
East North Central	--	--	--	--	--	--	192	269.9	17.11
Illinois	--	--	--	--	--	--	124	268.5	17.04
Indiana	--	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	68	272.3	17.22
Ohio	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	--	--	--	--	--	--	1,351	242.9	15.40
Delaware	--	--	--	--	--	--	237	238.7	15.17
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	832	238.7	15.15
Georgia	--	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	282	259.1	16.31
North Carolina	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	53	207.1	13.41
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	53	207.1	13.41
Oklahoma	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	75	350.5	21.90
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	75	350.5	21.90
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	706	318.0	19.79	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	706	318.0	19.79	--	--	--
U. S. Total	375	285.5	18.06	997	297.0	18.66	3,547	244.3	15.55

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, March 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	411	204.7	13.33	727	305.4	19.42	--	--	--	250.6	16.04
Connecticut	--	--	--	--	--	--	--	--	--	249.0	15.93
Maine	179	196.5	12.50	--	--	--	--	--	--	196.5	12.50
Massachusetts	35	415.3	26.39	727	305.4	19.42	--	--	--	264.9	16.89
New Hampshire	198	176.8	11.79	--	--	--	--	--	--	176.8	11.79
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	341	223.4	14.35	--	--	--	--	--	--	252.4	16.13
New Jersey	--	--	--	--	--	--	--	--	--	293.9	18.45
New York	341	223.4	14.35	--	--	--	--	--	--	255.9	16.35
Pennsylvania	--	--	--	--	--	--	--	--	--	233.3	14.99
East North Central	--	--	--	--	--	--	--	--	--	269.9	17.11
Illinois	--	--	--	--	--	--	--	--	--	268.5	17.04
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	--	--	--	272.3	17.22
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	1,525	225.6	14.33	621	208.9	13.34	--	--	--	229.3	14.57
Delaware	50	276.0	17.63	--	--	--	--	--	--	245.2	15.60
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,013	229.3	14.53	621	208.9	13.34	--	--	--	227.3	14.44
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	462	212.2	13.54	--	--	--	--	--	--	229.8	14.59
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	2	199.0	12.68	--	--	--	--	--	--	206.8	13.38
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	2	199.0	12.68	--	--	--	--	--	--	206.8	13.38
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--	350.5	21.90
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	350.5	21.90
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	318.0	19.79
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	318.0	19.79
U. S. Total	2,280	221.4	14.15	1,348	260.9	16.62	--	--	--	248.6	15.82

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,
March 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	2,984	3,093	--	--	--	--	2,984	3,093
Connecticut	20	21	--	--	--	--	20	21
Maine	--	--	--	--	--	--	--	--
Massachusetts	2,963	3,071	--	--	--	--	2,963	3,071
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	1	1	--	--	--	--	1	1
Middle Atlantic	15,206	15,667	--	--	--	--	15,206	15,667
New Jersey	1,171	1,208	--	--	--	--	1,171	1,208
New York	13,076	13,470	--	--	--	--	13,076	13,470
Pennsylvania	960	989	--	--	--	--	960	989
East North Central	1,730	1,754	921	71	--	--	2,651	1,825
Illinois	471	479	--	--	--	--	471	479
Indiana	431	432	--	--	--	--	431	432
Michigan	204	207	921	71	--	--	1,125	278
Ohio	340	349	--	--	--	--	340	349
Wisconsin	284	286	--	--	--	--	284	286
West North Central	1,138	1,112	--	--	--	--	1,138	1,112
Iowa	173	173	--	--	--	--	173	173
Kansas	734	707	--	--	--	--	734	707
Minnesota	66	68	--	--	--	--	66	68
Missouri	91	92	--	--	--	--	91	92
Nebraska	70	68	--	--	--	--	70	68
North Dakota	--	--	--	--	--	--	--	--
South Dakota	5	5	--	--	--	--	5	5
South Atlantic	14,465	14,652	--	--	--	--	14,465	14,652
Delaware	184	191	--	--	--	--	184	191
District of Columbia	--	--	--	--	--	--	--	--
Florida	11,848	11,947	--	--	--	--	11,848	11,947
Georgia	24	25	--	--	--	--	24	25
Maryland	447	463	--	--	--	--	447	463
North Carolina	128	132	--	--	--	--	128	132
South Carolina	56	58	--	--	--	--	56	58
Virginia	1,769	1,829	--	--	--	--	1,769	1,829
West Virginia	8	8	--	--	--	--	8	8
East South Central	1,187	1,207	--	--	--	--	1,187	1,207
Alabama	184	187	--	--	--	--	184	187
Kentucky	11	11	--	--	--	--	11	11
Mississippi	992	1,008	--	--	--	--	992	1,008
Tennessee	--	--	--	--	--	--	--	--
West South Central	98,526	101,117	--	--	--	--	98,526	101,117
Arkansas	280	308	--	--	--	--	280	308
Louisiana	12,827	13,347	--	--	--	--	12,827	13,347
Oklahoma	9,937	10,274	--	--	--	--	9,937	10,274
Texas	75,483	77,188	--	--	--	--	75,483	77,188
Mountain	7,737	7,914	--	--	--	--	7,737	7,914
Arizona	1,786	1,826	--	--	--	--	1,786	1,826
Colorado	208	205	--	--	--	--	208	205
Idaho	--	--	--	--	--	--	--	--
Montana	2	2	--	--	--	--	2	2
Nevada	2,489	2,580	--	--	--	--	2,489	2,580
New Mexico	2,765	2,793	--	--	--	--	2,765	2,793
Utah	473	493	--	--	--	--	473	493
Wyoming	14	15	--	--	--	--	14	15
Pacific	40,487	41,627	--	--	--	--	40,487	41,627
California	38,540	39,658	--	--	--	--	38,540	39,658
Oregon	1,946	1,967	--	--	--	--	1,946	1,967
Washington	1	1	--	--	--	--	1	1
Pacific Noncontiguous	1,694	1,691	--	--	--	--	1,694	1,691
Alaska	1,694	1,691	--	--	--	--	1,694	1,691
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	185,154	189,835	921	71	--	--	186,075	189,906

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	March 1993 Receipts		March 1992 Receipts		Year to Date			
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents per million Btu) ¹	
					1993	1992	1993	1992
New England	2,984	3,093	943	969	3,448	1,150	291.0	261.0
Connecticut	20	21	424	436	110	500	448.4	266.8
Maine	--	--	--	--	--	--	--	--
Massachusetts	2,963	3,071	441	452	3,335	566	285.7	267.8
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	59	61	--	61	--	--
Vermont	1	1	20	20	3	23	345.0	180.1
Middle Atlantic	15,206	15,667	18,325	18,896	39,918	40,362	268.6	232.1
New Jersey	1,171	1,208	2,577	2,667	2,713	3,504	237.0	185.9
New York	13,076	13,470	15,691	16,169	34,426	36,746	273.3	236.3
Pennsylvania	960	989	57	59	2,778	112	241.5	289.2
East North Central	2,651	1,825	5,780	4,346	5,641	10,419	262.8	209.0
Illinois	471	479	1,696	1,725	1,264	3,429	296.4	199.3
Indiana	431	432	523	524	1,486	2,638	275.4	237.1
Michigan	1,125	278	2,847	1,371	1,371	2,881	227.9	183.7
Ohio	340	349	390	404	997	941	251.0	234.9
Wisconsin	284	286	324	322	523	530	259.2	224.3
West North Central	1,138	1,112	1,329	1,317	2,716	3,546	264.2	202.0
Iowa	173	173	154	154	531	388	332.8	261.2
Kansas	734	707	536	524	1,652	1,584	243.0	196.7
Minnesota	66	68	390	394	152	1,109	248.1	169.0
Missouri	91	92	109	108	202	198	258.0	254.7
Nebraska	70	68	141	136	174	266	277.7	244.4
North Dakota	--	--	--	--	--	--	--	--
South Dakota	5	5	--	--	5	2	202.4	261.8
South Atlantic	14,465	14,652	19,263	19,528	40,879	49,542	240.4	187.6
Delaware	184	191	178	185	236	499	294.0	259.5
District of Columbia	--	--	--	--	--	--	--	--
Florida	11,848	11,947	16,664	16,845	33,184	43,145	229.0	180.6
Georgia	24	25	9	9	84	24	358.5	315.5
Maryland	447	463	600	621	958	1,134	279.9	270.1
North Carolina	128	132	203	211	520	726	389.0	264.8
South Carolina	57	58	793	811	83	829	328.0	147.4
Virginia	1,769	1,829	805	835	5,790	3,147	280.1	232.8
West Virginia	8	8	11	11	23	38	408.9	367.6
East South Central	1,187	1,207	4,251	4,354	2,066	10,737	224.2	152.6
Alabama	184	187	290	295	723	700	236.9	183.0
Kentucky	11	11	16	16	36	66	278.0	259.4
Mississippi	992	1,008	3,945	4,043	1,308	9,971	215.8	149.7
Tennessee	--	--	--	--	--	--	--	--
West South Central	98,526	101,117	98,069	100,831	265,217	263,692	242.1	202.2
Arkansas	280	308	2,415	2,468	936	4,965	137.9	131.2
Louisiana	12,827	13,347	18,752	19,482	31,925	42,744	217.1	140.3
Oklahoma	9,937	10,274	12,117	12,521	28,795	31,745	330.5	321.2
Texas	75,483	77,188	64,785	66,359	203,561	184,238	234.0	198.0
Mountain	7,737	7,914	5,368	5,492	14,298	14,400	239.6	182.8
Arizona	1,786	1,826	1,922	1,977	2,812	5,004	289.4	207.3
Colorado	208	205	244	243	461	433	244.4	200.2
Idaho	--	--	--	--	--	--	--	--
Montana	2	2	6	7	18	18	404.4	602.4
Nevada	2,489	2,580	1,495	1,528	3,727	3,336	255.9	154.0
New Mexico	2,765	2,793	1,227	1,234	5,785	4,147	217.9	174.9
Utah	473	493	467	496	1,461	1,441	182.8	174.5
Wyoming	14	15	6	6	34	21	305.5	330.8
Pacific Contiguous	40,487	41,627	42,776	44,135	129,215	128,880	301.1	254.8
California	38,540	39,658	42,399	43,754	124,029	124,263	304.4	258.2
Oregon	1,946	1,967	376	380	5,180	4,607	221.5	163.5
Washington	1	1	1	1	5	10	362.1	304.3
Pacific Noncontiguous	1,694	1,691	1,935	1,937	5,563	5,266	121.5	116.8
Alaska	1,694	1,691	1,935	1,937	5,563	5,266	121.5	116.8
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	186,075	189,906	198,040	201,805	508,961	527,993	258.2	213.8

¹ Monetary values are expressed in nominal terms.

-- Less than 0.5.

Notes: •Data for 1992 are final. Data for 1993 are preliminary. •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Includes small quantities of coke-oven, refinery, and blast-furnace gas. •Mcf: thousand cubic feet.

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

Table 50. Receipts and Average Cost of Gas Delivered to Electric Utilities by Type of Purchase, Census Division, and State, March 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	39	609.3	6.44	2,945	279.5	2.90	--	--	--	2,984	283.9	2.94
Connecticut	20	589.2	6.07	--	--	--	--	--	--	20	589.2	6.07
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	19	630.0	6.84	2,944	279.5	2.90	--	--	--	2,963	281.8	2.92
New Hampshire	--	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	1	337.4	3.33	--	--	--	1	337.4	3.33
Middle Atlantic	2,253	229.4	2.36	11,000	275.5	2.84	1,954	245.8	2.54	15,206	264.9	2.73
New Jersey	--	--	--	1,171	243.4	2.51	--	--	--	1,171	243.4	2.51
New York	2,234	228.6	2.36	8,888	282.6	2.91	1,954	245.8	2.54	13,076	267.8	2.76
Pennsylvania	19	313.7	3.23	941	249.2	2.57	--	--	--	960	250.5	2.58
East North Central	765	242.0	2.45	1,565	225.3	1.04	320	279.9	2.84	2,651	242.1	1.67
Illinois	64	397.0	4.03	87	273.4	2.81	320	279.9	2.84	471	294.5	3.00
Indiana	381	236.7	2.37	50	278.1	2.84	--	--	--	431	241.6	2.42
Michigan	4	389.0	3.89	1,122	179.0	44	--	--	--	1,125	181.8	45
Ohio	295	204.2	2.10	45	386.1	3.94	--	--	--	340	227.9	2.34
Wisconsin	22	371.3	3.77	262	219.3	2.21	--	--	--	284	231.1	2.33
West North Central	426	248.1	2.42	709	259.8	2.54	4	232.8	2.33	1,138	255.3	2.49
Iowa	32	381.0	3.87	141	316.5	3.17	--	--	--	173	328.5	3.30
Kansas	381	234.4	2.28	349	242.0	2.30	4	232.8	2.33	734	237.9	2.29
Minnesota	3	481.8	4.91	62	218.1	2.24	--	--	--	66	231.7	2.38
Missouri	--	--	--	91	268.2	2.71	--	--	--	91	268.2	2.71
Nebraska	10	247.9	2.45	61	256.2	2.46	--	--	--	70	255.0	2.46
North Dakota	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	5	262.4	2.62	--	--	--	5	262.4	2.62
South Atlantic	9,907	237.3	2.39	2,579	262.3	2.69	1,978	284.2	2.94	14,465	248.3	2.52
Delaware	184	267.8	2.78	--	--	--	--	--	--	184	267.8	2.78
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	9,723	236.7	2.38	1,904	248.4	2.54	221	237.7	2.49	11,848	238.6	2.41
Georgia	--	--	--	24	380.6	3.90	--	--	--	24	380.6	3.90
Maryland	--	--	--	447	272.1	2.82	--	--	--	447	272.1	2.82
North Carolina	--	--	--	128	358.8	3.71	--	--	--	128	358.8	3.71
South Carolina	--	--	--	56	314.0	3.20	--	--	--	56	314.0	3.20
Virginia	--	--	--	12	467.7	4.86	1,757	290.1	3.00	1,769	291.3	3.01
West Virginia	--	--	--	8	418.4	4.18	--	--	--	8	418.4	4.18
East South Central	703	226.2	2.32	474	215.9	2.17	10	269.8	2.77	1,187	222.5	2.26
Alabama	--	--	--	184	237.4	2.42	--	--	--	184	237.4	2.42
Kentucky	--	--	--	1	268.5	2.68	10	269.8	2.77	11	269.6	2.76
Mississippi	703	226.2	2.32	289	201.5	2.00	--	--	--	992	219.2	2.23
Tennessee	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	75,459	255.1	2.62	14,599	207.7	2.11	8,469	210.0	2.17	98,526	244.2	2.51
Arkansas	256	127.2	1.40	24	239.4	2.53	--	--	--	280	136.5	1.50
Louisiana	4,997	241.9	2.51	2,839	211.7	2.21	4,991	208.6	2.17	12,827	222.2	2.31
Oklahoma	8,920	358.5	3.72	1,016	225.5	2.28	--	--	--	9,937	345.2	3.57
Texas	61,285	241.5	2.47	10,720	204.8	2.07	3,478	212.0	2.17	75,483	235.0	2.40
Mountain	2,412	236.8	2.38	4,715	228.8	2.36	610	246.5	2.53	7,737	232.7	2.38
Arizona	876	256.6	2.62	557	306.9	3.13	352	213.5	2.20	1,786	263.7	2.70
Colorado	29	262.4	2.58	179	239.5	2.36	--	--	--	208	242.7	2.39
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	2	906.8	10.69	--	417.5	4.78	--	--	--	2	884.2	10.41
Nevada	--	--	--	2,231	227.3	2.36	258	291.9	2.98	2,489	233.9	2.42
New Mexico	1,505	223.5	2.23	1,260	214.2	2.19	--	--	--	2,765	219.2	2.21
Utah	--	--	--	473	178.1	1.86	--	--	--	473	178.1	1.86
Wyoming	--	--	--	14	305.5	3.20	--	--	--	14	305.5	3.20
Pacific	--	--	--	11,741	303.5	3.11	28,747	292.9	3.02	40,487	296.0	3.04
California	--	--	--	9,793	322.5	3.31	28,747	292.9	3.02	38,540	300.4	3.09
Oregon	--	--	--	1,946	206.5	2.09	--	--	--	1,946	206.5	2.09
Washington	--	--	--	1	386.0	4.05	--	--	--	1	386.0	4.05
Pacific Noncontiguous	1,694	123.4	1.23	--	--	--	--	--	--	1,694	123.4	1.23
Alaska	1,694	123.4	1.23	--	--	--	--	--	--	1,694	123.4	1.23
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	93,658	249.6	2.55	50,325	255.8	2.57	42,092	272.8	2.81	186,075	256.6	2.62

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 April 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	--
Year to Date										
1993 ⁴	329,847	--	246,111	--	314,189	--	31,560	--	921,707	--
1992 ⁴	315,289	--	239,972	--	309,419	--	30,222	--	894,902	--

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, April 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	3,113	3,123	3,036	2,993	2,114	2,140	190	164	8,454	8,421
Connecticut	847	845	837	813	448	456	32	31	2,164	2,145
Maine	315	325	215	215	408	384	30	14	968	938
Massachusetts	1,314	1,307	1,498	1,480	763	792	100	90	3,674	3,669
New Hampshire	290	294	171	167	280	283	9	10	751	754
Rhode Island	193	193	196	196	108	109	16	15	513	513
Vermont	153	159	121	122	106	116	4	4	384	402
Middle Atlantic	7,859	7,917	8,314	8,234	7,301	7,472	1,104	1,123	24,578	24,747
New Jersey	1,546	1,479	2,148	2,107	1,132	1,196	38	37	4,864	4,819
New York	3,111	3,163	3,675	3,631	2,485	2,587	929	963	10,200	10,344
Pennsylvania	3,201	3,275	2,491	2,497	3,683	3,689	137	123	9,513	9,584
East North Central	10,709	10,673	9,017	8,812	16,867	16,480	1,276	1,237	37,869	37,202
Illinois	2,549	2,524	2,588	2,447	3,238	3,311	671	673	9,046	8,955
Indiana	1,743	1,734	1,221	1,196	3,210	3,025	36	50	6,210	6,004
Michigan	1,975	2,025	1,650	1,672	3,065	2,866	111	103	6,801	6,666
Ohio	3,118	3,024	2,505	2,461	5,639	5,630	348	360	11,610	11,474
Wisconsin	1,324	1,367	1,053	1,036	1,715	1,649	110	51	4,202	4,103
West North Central	5,237	5,191	4,103	3,943	5,624	5,361	467	377	15,431	14,871
Iowa	774	788	508	531	1,112	986	134	66	2,528	2,371
Kansas	689	620	781	715	761	656	34	27	2,265	2,019
Minnesota	1,156	1,224	674	659	1,948	1,898	52	63	3,830	3,844
Missouri	1,566	1,541	1,461	1,380	1,120	1,175	75	69	4,222	4,165
Nebraska	530	514	403	400	390	343	98	85	1,421	1,341
North Dakota	264	266	148	140	150	162	41	37	603	605
South Dakota	259	238	127	116	143	141	33	29	562	525
South Atlantic	15,670	15,436	12,283	11,876	12,717	12,174	1,395	1,385	42,065	40,871
Delaware	235	227	202	194	264	259	5	5	706	685
District of Columbia	101	115	395	387	228	220	26	26	751	748
Florida	5,096	4,732	4,135	3,907	1,339	1,341	365	363	10,935	10,342
Georgia	2,019	2,048	1,812	1,799	2,261	2,172	78	70	6,170	6,090
Maryland	1,533	1,496	796	795	1,486	1,467	67	54	3,883	3,813
North Carolina	2,557	2,669	2,020	1,934	2,796	2,556	132	134	7,504	7,293
South Carolina	1,380	1,310	929	879	2,147	2,028	63	64	4,518	4,282
Virginia	2,104	2,186	1,608	1,586	1,328	1,277	653	660	5,693	5,709
West Virginia	644	651	386	394	868	855	7	9	1,906	1,909
East South Central	5,838	5,713	2,931	2,843	9,706	9,182	383	380	18,858	18,118
Alabama	1,407	1,452	837	826	2,445	2,211	55	52	4,744	4,541
Kentucky	1,276	1,245	688	676	3,129	3,017	205	201	5,297	5,139
Mississippi	876	767	495	465	1,077	1,061	42	45	2,489	2,338
Tennessee	2,279	2,249	912	876	3,055	2,893	82	83	6,328	6,101
West South Central	8,196	7,686	6,982	6,710	11,480	10,647	1,257	1,157	27,915	26,200
Arkansas	775	691	450	445	922	852	40	46	2,186	2,035
Louisiana	1,251	1,276	1,019	1,015	2,378	2,221	211	192	4,859	4,704
Oklahoma	965	896	769	743	959	923	165	140	2,859	2,701
Texas	5,204	4,823	4,744	4,507	7,221	6,652	841	779	18,011	16,761
Mountain	3,681	3,549	4,028	4,080	4,603	4,708	544	455	12,856	12,791
Arizona	934	921	1,036	1,047	910	845	132	135	3,012	2,948
Colorado	890	821	1,145	1,156	562	496	43	46	2,640	2,519
Idaho	435	447	357	400	577	865	27	21	1,396	1,732
Montana	296	239	247	210	465	504	35	32	1,043	984
Nevada	344	365	323	311	585	575	107	67	1,359	1,318
New Mexico	278	277	338	365	385	319	108	96	1,057	1,057
Utah	347	331	394	416	522	508	81	49	1,306	1,306
Wyoming	158	147	188	176	596	596	11	9	928	928
Pacific Contiguous	9,039	8,706	8,334	8,231	8,828	9,103	952	1,149	27,153	27,189
California	4,917	5,017	5,805	5,824	4,749	4,763	582	769	16,054	16,372
Oregon	1,381	1,226	962	969	1,196	1,224	47	33	3,586	3,451
Washington	2,741	2,464	1,567	1,438	2,883	3,117	322	347	7,513	7,366
Pacific Noncontiguous	326	328	361	360	354	339	20	21	1,060	1,048
Alaska	127	136	168	168	37	38	15	16	347	358
Hawaii	199	192	193	192	316	301	5	5	713	690
U.S. Total	69,668	68,322	59,389	58,081	79,593	77,607	7,588	7,448	216,238	211,458

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, April 1993
(Percent)**

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.3	0.7	0.4	2.8	0.3
Connecticut	.7	.4	.6	.8	.3
Maine	.2	.1	.2	10.5	.7
Massachusetts	.4	1.5	.4	4.1	.5
New Hampshire	.7	.3	1.9	.9	.2
Rhode Island	.1	.2	.4	.5	.2
Vermont	3.5	.7	3.2	16.8	.5
Middle Atlantic	3.1	1.1	1.5	1.5	1.6
New Jersey	1.9	.2	.1	.3	.6
New York	5.8	2.3	1.0	.4	2.7
Pennsylvania	5.0	1.2	2.8	11.5	2.8
East North Central	.7	.4	1.1	4.9	.6
Illinois	.8	.8	1.9	.7	.8
Indiana	.7	1.0	1.1	17.9	1.0
Michigan	1.7	.9	.5	4.3	.7
Ohio	2.0	.6	2.9	2.0	1.6
Wisconsin	.3	.8	1.3	55.6	.7
West North Central	1.7	1.0	1.4	7.3	1.0
Iowa	5.2	5.7	5.5	20.7	4.5
Kansas	3.5	3.2	6.2	5.9	3.9
Minnesota	5.0	2.1	.5	2.5	1.1
Missouri	2.4	.5	.3	.9	.9
Nebraska	4.0	1.1	3.4	19.3	2.8
North Dakota	3.1	2.5	1.5	4.4	1.9
South Dakota	2.7	1.4	1.1	13.3	1.7
South Atlantic	1.1	.4	.4	.7	.4
Delaware	.8	.1	.1	1.3	.4
District of Columbia	.0	.0	.0	.0	.0
Florida	1.3	.7	1.4	.5	.6
Georgia	1.5	.1	.6	1.8	.2
Maryland	2.3	.9	.8	5.8	1.3
North Carolina	5.7	1.6	1.2	6.2	1.7
South Carolina	2.8	2.0	1.0	1.8	1.5
Virginia	2.8	.0	1.4	.1	1.5
West Virginia	1.8	.8	.8	2.7	.8
East South Central	2.0	2.1	1.4	1.6	1.4
Alabama	5.3	2.8	1.0	4.9	1.2
Kentucky	4.1	1.3	3.8	.3	4.4
Mississippi	2.1	1.3	1.3	12.3	1.7
Tennessee	3.3	6.0	1.8	1.9	1.8
West South Central	2.6	1.1	.8	.9	.4
Arkansas	2.0	1.5	2.9	5.6	2.3
Louisiana	1.3	1.3	.3	3.1	1.3
Oklahoma	2.5	.7	1.6	.1	.2
Texas	4.0	1.6	1.2	1.0	.4
Mountain	1.3	1.3	.8	11.8	1.0
Arizona	1.0	.4	1.2	2.2	.3
Colorado	4.8	4.4	3.3	55.3	4.3
Idaho	1.8	2.3	2.9	3.8	2.2
Montana	1.2	.3	1.9	8.3	3.2
Nevada	3.7	.4	1.3	5.6	1.5
New Mexico	2.5	2.1	1.8	1.7	.7
Utah	2.2	1.8	2.5	73.6	.3
Wyoming	1.2	1.3	3.3	8.4	2.8
Pacific Contiguous	.9	1.1	3.1	6.8	1.4
California	1.2	1.5	4.1	10.8	.5
Oregon	.2	.1	2.6	19.7	1.5
Washington	1.9	1.5	6.6	3.9	4.9
Pacific Noncontiguous	.3	.2	.6	5.1	.3
Alaska	.6	.3	3.9	6.7	.6
Hawaii	.2	.4	.5	.6	.3
U.S. Total	.6	.3	.5	1.5	.3

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

Notes: •For an explanation of coefficients of variation, see the technical notes. •Estimates for 1993 are preliminary.

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

Table 54. Electric Utility Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, January Through April 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	14,419	14,399	12,952	12,876	8,446	8,572	764	719	36,581	36,566
Connecticut	3,973	3,925	3,466	3,528	1,741	1,832	128	134	9,308	9,419
Maine	1,436	1,497	945	942	1,613	1,556	108	57	4,103	4,052
Massachusetts	6,014	5,989	6,443	6,327	3,060	3,131	412	405	15,928	15,852
New Hampshire	1,347	1,330	736	713	1,120	1,117	37	41	3,240	3,200
Rhode Island	887	879	837	840	454	441	64	63	2,242	2,223
Vermont	762	778	525	526	459	495	15	19	1,760	1,818
Middle Atlantic	36,389	36,321	35,353	34,913	29,416	29,870	4,708	4,730	105,867	105,833
New Jersey	7,184	6,861	9,067	8,862	4,605	4,812	171	170	21,027	20,704
New York	13,770	14,070	15,577	15,378	9,955	10,345	4,051	4,058	43,354	43,851
Pennsylvania	15,435	15,391	10,709	10,672	14,856	14,712	486	502	41,487	41,278
East North Central	51,036	48,775	38,880	37,079	67,099	65,829	5,397	5,188	162,412	156,872
Illinois	12,203	11,437	11,342	10,351	12,912	13,751	2,951	2,857	39,408	38,396
Indiana	8,816	8,026	5,418	5,114	12,762	11,904	164	218	27,160	25,263
Michigan	9,097	9,008	7,055	6,950	12,008	11,296	445	413	28,605	27,667
Ohio	14,951	14,297	10,616	10,334	22,612	22,535	1,427	1,485	49,605	48,652
Wisconsin	5,969	6,007	4,450	4,329	6,805	6,343	409	215	17,634	16,894
West North Central	25,232	23,557	17,514	16,374	22,229	21,302	1,855	1,579	66,831	62,812
Iowa	3,869	3,573	2,403	2,228	4,321	3,896	480	267	11,073	9,964
Kansas	3,177	2,742	3,156	2,898	2,927	2,609	142	116	9,402	8,364
Minnesota	5,328	5,443	2,816	2,795	7,804	7,676	221	267	16,169	16,180
Missouri	7,810	7,189	6,193	5,726	4,389	4,544	313	296	18,705	17,754
Nebraska	2,489	2,325	1,745	1,646	1,566	1,359	375	352	6,175	5,682
North Dakota	1,356	1,238	663	599	639	667	178	156	2,835	2,660
South Dakota	1,203	1,048	540	483	583	551	146	126	2,472	2,208
South Atlantic	74,212	71,368	50,426	48,959	50,104	49,269	5,804	5,684	180,546	175,280
Delaware	1,099	1,056	854	824	1,068	1,019	18	18	3,040	2,918
District of Columbia	521	531	1,660	1,659	891	913	112	113	3,184	3,217
Florida	21,006	21,031	16,079	15,396	5,194	5,241	1,418	1,422	43,698	43,091
Georgia	9,539	9,187	7,479	7,257	8,964	8,548	316	282	26,299	25,274
Maryland	7,640	7,261	3,591	3,478	6,397	6,425	275	233	17,904	17,396
North Carolina	13,032	12,322	8,148	7,972	10,450	10,036	590	575	32,220	30,905
South Carolina	6,645	5,988	3,876	3,702	8,230	8,175	256	260	19,007	18,125
Virginia	11,482	10,832	6,968	6,901	5,362	5,363	2,785	2,743	26,597	25,839
West Virginia	3,247	3,160	1,771	1,769	3,547	3,549	33	38	8,598	8,515
East South Central	28,177	26,491	12,018	11,712	38,803	36,368	1,592	1,581	80,590	76,153
Alabama	6,684	6,528	3,410	3,364	9,530	8,831	217	223	19,841	18,946
Kentucky	6,440	5,959	3,036	2,882	12,549	11,997	864	834	22,888	21,673
Mississippi	3,852	3,534	2,020	1,871	4,367	4,152	174	184	10,413	9,741
Tennessee	11,201	10,470	3,552	3,595	12,356	11,388	338	341	27,447	25,794
West South Central	37,598	35,733	27,667	27,241	43,912	42,055	4,811	4,603	113,989	109,633
Arkansas	3,640	3,148	1,929	1,823	3,548	3,371	165	195	9,282	8,537
Louisiana	5,582	5,770	4,025	4,076	9,161	8,832	767	767	19,534	19,444
Oklahoma	4,751	4,087	3,223	3,016	3,764	3,616	655	629	12,392	11,348
Texas	23,625	22,729	18,491	18,327	27,440	26,236	3,224	3,013	72,780	70,304
Mountain	18,299	17,155	16,454	16,287	18,147	18,808	2,447	1,750	55,348	54,000
Arizona	4,700	4,555	4,187	4,139	3,455	3,126	468	486	12,810	12,307
Colorado	4,127	3,755	4,798	4,843	2,267	2,020	309	204	11,500	10,823
Idaho	2,499	2,402	1,286	1,348	2,325	3,485	109	38	6,218	7,272
Montana	1,395	1,164	1,011	911	1,913	2,163	183	158	4,503	4,396
Nevada	1,836	1,741	1,266	1,186	2,201	2,228	611	256	5,913	5,411
New Mexico	1,333	1,306	1,446	1,464	1,513	1,372	414	364	4,706	4,507
Utah	1,650	1,528	1,627	1,633	1,964	1,914	304	204	5,546	5,279
Wyoming	762	705	832	762	2,510	2,500	49	40	4,152	4,007
Pacific Contiguous	43,061	40,055	33,403	33,082	34,689	36,002	4,096	4,306	115,249	113,444
California	22,624	22,056	22,470	22,935	19,182	18,703	2,478	2,740	66,755	66,434
Oregon	6,886	5,895	4,080	3,937	4,479	4,839	203	122	15,648	14,793
Washington	13,552	12,104	6,852	6,210	11,028	12,459	1,415	1,444	32,846	32,217
Pacific Noncontiguous	1,423	1,436	1,443	1,449	1,344	1,344	83	81	4,293	4,310
Alaska	616	636	712	713	155	141	64	62	1,546	1,552
Hawaii	807	800	732	736	1,189	1,202	19	19	2,747	2,757
U.S. Total	329,847	315,289	246,111	239,972	314,189	309,419	31,560	30,222	921,707	894,902

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 April 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	--
Year to Date										
1993 ³	25,932	--	18,182	--	14,634	--	2,063	--	60,811	--
1992 ³	24,842	--	17,657	--	14,509	--	1,940	--	58,948	--

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, April 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	347	326	287	265	166	164	22	19	822	774
Connecticut	99	91	86	78	38	35	5	4	228	208
Maine	36	37	18	18	25	23	2	2	82	80
Massachusetts	143	131	136	123	63	66	12	9	354	330
New Hampshire	35	33	18	17	23	22	1	1	78	74
Rhode Island	21	21	19	19	9	10	2	2	51	51
Vermont	12	13	9	9	7	8		1	29	31
Middle Atlantic	859	823	811	760	459	476	108	98	2,237	2,156
New Jersey	170	155	207	194	91	91	7	7	475	447
New York	398	368	400	363	151	151	84	77	1,034	959
Pennsylvania	290	299	205	203	217	234	16	14	728	750
East North Central	869	868	652	644	758	761	86	84	2,365	2,356
Illinois	247	250	193	186	165	171	44	44	650	650
Indiana	119	118	72	72	119	117	4	4	313	311
Michigan	158	163	136	139	173	172	11	10	478	485
Ohio	252	243	188	185	234	234	22	22	695	684
Wisconsin	94	94	63	62	68	67	6	4	230	226
West North Central	358	363	245	241	234	228	27	23	863	856
Iowa	60	63	31	33	40	39	7	4	138	139
Kansas	52	49	52	49	36	33	3	2	143	133
Minnesota	79	79	39	38	80	79	4	4	203	201
Missouri	102	109	83	83	48	50	5	5	239	248
Nebraska	31	30	22	21	15	13	5	5	73	69
North Dakota	16	16	10	9	7	7	1	1	35	34
South Dakota	17	17	8	8	6	6	1	1	33	31
South Atlantic	1,217	1,170	817	783	570	549	92	89	2,696	2,592
Delaware	20	19	14	13	12	12	1	1	46	44
District of Columbia	6	6	24	22	11	10	2	2	43	40
Florida	419	366	284	259	70	66	26	25	799	716
Georgia	151	151	137	137	104	104	7	6	399	399
Maryland	112	110	49	50	69	72	5	5	236	236
North Carolina	206	213	126	125	127	118	10	9	469	466
South Carolina	100	100	58	54	84	80	4	4	245	237
Virginia	163	165	103	102	57	55	38	38	360	359
West Virginia	41	40	23	23	35	33	1	1	99	95
East South Central	363	350	186	182	378	378	22	23	949	933
Alabama	97	98	57	58	98	100	3	3	254	260
Kentucky	73	69	36	36	96	98	9	9	214	212
Mississippi	62	55	37	34	50	47	4	4	153	141
Tennessee	132	128	55	54	135	133	6	6	328	321
West South Central	616	584	479	451	483	451	78	69	1,657	1,556
Arkansas	63	57	31	31	42	43	3	3	138	134
Louisiana	95	95	74	73	97	87	14	13	280	267
Oklahoma	67	65	43	41	35	34	9	7	154	146
Texas	392	367	330	307	309	288	54	47	1,085	1,009
Mountain	271	260	258	257	185	185	30	26	745	728
Arizona	89	98	84	85	49	48	6	8	228	229
Colorado	63	56	66	62	25	21	6	4	160	143
Idaho	21	22	15	18	16	23	1	1	54	65
Montana	16	14	11	11	13	13	1	2	41	39
Nevada	24	24	21	19	25	24	5	3	75	70
New Mexico	25	25	28	30	18	15	7	5	78	76
Utah	24	23	23	23	18	18	3	2	69	66
Wyoming	9	9	10	9	21	21	1	1	41	40
Pacific Contiguous	734	721	667	678	405	419	45	43	1,850	1,861
California	549	557	550	566	299	315	32	30	1,430	1,468
Oregon	66	59	49	48	40	37	3	2	158	147
Washington	118	105	68	64	66	67	10	11	262	246
Pacific Noncontiguous	38	34	38	36	32	25	2	3	111	98
Alaska	14	15	16	17	3	3	2	2	35	36
Hawaii	24	20	22	19	28	22	1		75	61
U.S. Total	5,672	5,499	4,441	4,298	3,669	3,636	513	476	14,295	13,909

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

² 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, April 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.5	0.8	0.5	1.6	0.4
Connecticut	1.1	1.2	.3	.8	1.0
Maine	.6	.3	.9	3.5	.4
Massachusetts	1.0	1.4	.9	2.9	.8
New Hampshire	2.1	1.4	2.4	1.1	.8
Rhode Island	.1	.4	1.0	.2	.3
Vermont	.4	1.5	.6	1.4	.9
Middle Atlantic	3.3	2.0	2.7	2.2	2.4
New Jersey	1.9	.5	.5	.3	.8
New York	5.6	3.9	6.4	2.7	4.3
Pennsylvania	6.1	1.8	3.6	2.8	3.9
East North Central	.7	.5	.8	2.1	.5
Illinois	.3	1.2	1.3	.7	.6
Indiana	1.0	.4	2.2	7.6	.9
Michigan	2.7	1.7	2.4	1.3	2.1
Ohio	1.4	.5	1.5	2.8	.9
Wisconsin	.6	1.0	1.1	29.4	.5
West North Central	2.0	1.4	1.4	5.2	1.5
Iowa	3.9	4.0	3.6	13.2	3.0
Kansas	3.5	3.7	5.3	6.0	3.8
Minnesota	4.6	2.1	.3	4.3	1.8
Missouri	5.1	2.8	4.3	1.6	4.2
Nebraska	2.8	.5	2.4	20.1	1.5
North Dakota	2.5	2.1	1.3	5.0	1.5
South Dakota	2.2	.7	1.7	6.7	1.6
South Atlantic	1.4	.6	.5	.8	.7
Delaware	2.2	1.3	2.3	1.4	1.9
District of Columbia	.0	.0	.0	.0	.0
Florida	1.3	.3	2.8	1.9	1.0
Georgia	4.4	.7	1.1	1.2	1.3
Maryland	3.1	2.5	2.1	1.1	2.4
North Carolina	6.7	3.2	.9	6.0	3.1
South Carolina	3.5	1.8	.6	1.3	1.4
Virginia	1.7	.4	.6	.4	.7
West Virginia	1.6	.5	2.1	.2	1.0
East South Central	1.9	1.8	1.3	1.5	1.1
Alabama	3.8	2.7	2.6	6.0	1.7
Kentucky	5.6	1.2	3.3	.8	3.2
Mississippi	3.3	1.1	2.5	7.0	2.4
Tennessee	3.0	5.3	1.6	1.6	1.4
West South Central	2.2	.4	1.1	1.9	.5
Arkansas	1.9	.3	3.1	4.4	1.7
Louisiana	1.1	1.0	.6	3.8	.9
Oklahoma	2.4	3.2	.9	.1	1.5
Texas	3.4	.2	1.6	2.6	.7
Mountain	1.6	1.4	1.0	7.6	1.2
Arizona	1.0	1.5	1.1	7.5	1.6
Colorado	6.1	4.8	4.1	10.2	5.0
Idaho	4.2	3.0	4.2	3.6	2.8
Montana	2.9	2.0	2.5	6.1	2.0
Nevada	3.2	.3	3.9	6.5	2.2
New Mexico	1.4	2.8	1.1	1.4	1.5
Utah	3.7	2.2	2.4	64.9	1.7
Wyoming	1.2	1.6	3.1	10.8	1.7
Pacific Contiguous	1.1	1.9	5.6	1.8	1.0
California	1.3	2.3	7.3	1.9	.9
Oregon	1.8	.8	3.6	12.0	1.8
Washington	3.5	2.1	9.9	4.0	5.0
Pacific Noncontiguous	1.2	1.0	.9	4.4	1.0
Alaska	1.6	1.8	4.0	5.6	1.5
Hawaii	1.7	1.1	.9	1.2	1.3
U.S. Total	.7	.5	.8	.9	.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 April 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	1,591	1,530	1,236	1,183	700	707	88	77	3,614	3,497
Connecticut	445	421	347	340	147	147	18	17	957	926
Maine	167	174	100	97	129	123	11	8	408	402
Massachusetts	641	608	573	537	251	269	45	38	1,510	1,452
New Hampshire	161	150	79	73	94	89	5	5	340	317
Rhode Island	97	96	82	81	40	40	7	6	216	223
Vermont	79	82	55	51	38	40	2	2	174	178
Middle Atlantic	3,856	3,725	3,359	3,198	1,861	1,899	419	400	9,495	9,221
New Jersey	768	708	855	800	365	365	28	27	2,015	1,900
New York	1,710	1,621	1,634	1,536	599	600	335	317	4,278	4,074
Pennsylvania	1,377	1,396	870	861	898	934	56	56	3,201	3,247
East North Central	3,952	3,841	2,743	2,661	3,024	3,038	347	344	10,067	9,884
Illinois	1,103	1,079	805	767	645	703	183	182	2,737	2,732
Indiana	560	528	312	304	490	462	15	17	1,376	1,310
Michigan	732	726	584	574	687	680	40	39	2,043	2,018
Ohio	1,142	1,106	779	761	931	935	88	91	2,938	2,894
Wisconsin	416	402	263	255	272	258	21	15	972	930
West North Central	1,662	1,591	1,028	982	936	898	108	94	3,735	3,566
Iowa	285	274	141	135	155	151	25	16	606	576
Kansas	231	203	206	193	142	129	12	10	592	535
Minnesota	364	349	165	158	332	315	16	18	877	840
Missouri	485	492	346	338	189	196	21	20	1,041	1,047
Nebraska	139	130	95	88	62	52	21	21	316	291
North Dakota	79	72	42	37	31	30	6	6	158	145
South Dakota	79	70	34	32	26	25	6	4	145	131
South Atlantic	5,566	5,346	3,250	3,222	2,220	2,237	365	365	11,411	11,170
Delaware	89	85	57	54	51	46	2	2	199	187
District of Columbia	21	30	95	92	41	41	7	7	174	170
Florida	1,768	1,649	1,074	1,039	265	264	94	98	3,101	3,050
Georgia	674	657	561	548	412	403	28	24	1,674	1,633
Maryland	540	523	217	213	298	317	21	20	1,076	1,073
North Carolina	1,024	969	526	516	482	474	42	41	2,074	1,999
South Carolina	475	449	241	222	323	325	15	15	1,052	1,011
Virginia	867	794	387	438	209	233	154	155	1,618	1,620
West Virginia	199	130	102	99	141	135	3	3	445	427
East South Central	1,685	1,587	757	738	1,530	1,472	91	92	4,064	3,889
Alabama	432	426	226	232	384	383	12	14	1,057	1,055
Kentucky	351	325	159	151	409	390	40	38	959	903
Mississippi	261	242	150	135	196	182	16	16	623	575
Tennessee	641	594	219	220	540	516	24	25	1,424	1,355
West South Central	2,689	2,596	1,891	1,820	1,868	1,765	308	276	6,755	6,457
Arkansas	283	251	128	125	163	167	11	13	585	557
Louisiana	420	428	300	300	391	363	58	54	1,169	1,146
Oklahoma	308	279	180	167	139	131	34	26	660	602
Texas	1,678	1,638	1,283	1,228	1,174	1,104	206	182	4,341	4,152
Mountain	1,313	1,230	1,072	1,043	751	744	139	99	3,275	3,116
Arizona	421	406	345	335	191	181	28	30	985	952
Colorado	293	258	273	264	103	90	23	17	693	627
Idaho	124	117	60	65	66	93	5	2	254	277
Montana	79	73	55	49	61	63	7	7	202	193
Nevada	122	112	83	77	96	93	25	12	325	293
New Mexico	119	118	119	121	73	65	35	20	346	324
Utah	113	106	95	93	72	70	13	9	293	278
Wyoming	43	41	42	39	80	90	3	3	177	172
Pacific Contiguous	3,455	3,249	2,684	2,669	1,621	1,651	187	182	7,948	7,751
California	2,508	2,441	2,166	2,195	1,201	1,224	124	126	5,999	5,986
Oregon	335	288	205	194	154	151	13	9	707	642
Washington	613	520	312	280	268	276	50	47	1,242	1,123
Pacific Noncontiguous	165	147	151	142	121	98	10	11	446	399
Alaska	66	66	65	68	14	11	8	9	152	154
Hawaii	98	81	86	74	107	88	2	2	294	244
U.S. Total	25,932	24,842	18,182	17,657	14,634	14,509	2,063	1,940	60,811	58,948

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 April 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	--
Year-to-Date Average										
1993 Average ¹	7.9	--	7.4	--	4.7	--	6.5	--	6.6	--
1992 Average ¹	7.9	--	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, April 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	11.1	10.4	9.5	8.8	7.8	7.7	11.5	11.3	9.7	9.2
Connecticut	11.6	10.7	10.3	9.6	8.6	7.6	14.4	13.6	10.5	9.7
Maine	11.5	11.3	8.5	8.3	6.1	6.1	7.7	13.2	8.4	8.5
Massachusetts	10.9	10.0	9.1	8.3	8.3	8.3	11.5	10.1	9.6	9.0
New Hampshire	12.0	11.3	10.8	10.3	8.4	7.8	14.2	12.8	10.4	9.8
Rhode Island	11.0	11.0	9.6	9.5	8.5	8.8	11.0	10.7	9.9	10.0
Vermont	8.1	8.3	7.6	7.8	6.6	6.9	12.9	13.1	7.6	7.8
Middle Atlantic	10.9	10.4	9.8	9.2	6.3	6.4	9.8	8.7	9.1	8.7
New Jersey	11.0	10.5	9.6	9.2	8.1	7.6	18.8	18.1	9.8	9.3
New York	12.8	11.6	10.9	10.0	6.1	5.8	9.1	8.0	10.1	9.3
Pennsylvania	9.1	9.1	8.2	8.1	5.9	6.3	12.0	11.2	7.7	7.8
East North Central	8.1	8.1	7.2	7.3	4.5	4.6	6.7	6.8	6.2	6.3
Illinois	9.7	9.9	7.5	7.6	5.1	5.2	6.6	6.5	7.2	7.3
Indiana	6.8	6.8	5.9	6.0	3.7	3.9	10.4	8.4	5.0	5.2
Michigan	8.0	8.1	8.3	8.3	5.7	6.0	9.6	9.7	7.0	7.3
Ohio	8.1	8.1	7.5	7.5	4.1	4.1	6.2	6.2	6.0	6.0
Wisconsin	7.1	6.8	6.0	6.0	3.9	4.0	5.1	7.1	5.5	5.5
West North Central	6.8	7.0	6.0	6.1	4.2	4.3	5.7	6.2	5.6	5.8
Iowa	7.7	8.0	6.2	6.2	3.6	4.0	5.0	6.1	5.4	5.9
Kansas	7.6	7.8	6.6	6.9	4.8	5.1	8.2	8.9	6.3	6.6
Minnesota	6.9	6.5	5.8	5.8	4.1	4.2	7.9	6.8	5.3	5.2
Missouri	6.5	7.1	5.7	6.0	4.3	4.3	7.0	7.4	5.7	6.0
Nebraska	5.8	5.8	5.4	5.4	3.9	3.8	5.3	5.9	5.1	5.2
North Dakota	6.2	6.1	6.5	6.4	4.9	4.5	3.5	4.0	5.8	5.6
South Dakota	6.7	7.0	6.3	6.6	4.4	4.4	4.0	3.3	5.9	6.0
South Atlantic	7.8	7.6	6.7	6.6	4.5	4.5	6.6	6.5	6.4	6.3
Delaware	8.4	8.3	6.8	6.7	4.7	4.5	11.6	11.1	6.6	6.4
District of Columbia	6.0	5.6	6.0	5.6	4.8	4.5	6.6	6.2	5.7	5.3
Florida	8.2	7.7	6.9	6.6	5.2	4.9	7.0	6.8	7.3	6.9
Georgia	7.5	7.4	7.5	7.6	4.6	4.8	8.8	8.8	6.5	6.6
Maryland	7.3	7.3	6.2	6.2	4.7	4.9	7.9	8.9	6.1	6.2
North Carolina	8.1	8.0	6.2	6.4	4.6	4.6	7.4	7.1	6.2	6.4
South Carolina	7.2	7.6	6.2	6.2	3.9	3.9	5.9	5.7	5.4	5.5
Virginia	7.7	7.5	6.4	6.4	4.3	4.3	5.8	5.7	6.3	6.3
West Virginia	6.3	6.1	5.9	5.7	4.0	3.8	9.6	8.6	5.2	5.0
East South Central	6.2	6.1	6.3	6.4	3.9	4.1	5.8	6.0	5.0	5.2
Alabama	6.9	6.8	6.8	7.1	4.0	4.5	5.7	6.7	5.4	5.7
Kentucky	5.7	5.5	5.3	5.3	3.1	3.2	4.6	4.6	4.0	4.1
Mississippi	7.1	7.2	7.5	7.4	4.6	4.5	9.2	8.8	6.1	6.0
Tennessee	5.8	5.7	6.1	6.1	4.4	4.6	7.3	7.3	5.2	5.3
West South Central	7.5	7.6	6.9	6.7	4.2	4.2	6.2	6.0	5.9	5.9
Arkansas	8.1	8.3	6.9	7.0	4.5	5.0	6.7	6.8	6.3	6.6
Louisiana	7.6	7.4	7.3	7.1	4.1	3.9	6.5	6.7	5.8	5.7
Oklahoma	7.0	7.2	5.6	5.5	3.7	3.7	5.2	4.8	5.4	5.4
Texas	7.5	7.6	7.0	6.8	4.3	4.3	6.4	6.0	6.0	6.0
Mountain	7.4	7.3	6.4	6.3	4.0	3.9	5.6	5.6	5.8	5.7
Arizona	9.5	9.6	8.1	8.1	5.4	5.7	6.0	7.6	7.6	7.8
Colorado	7.1	6.8	5.7	5.3	4.5	4.3	12.8	8.8	6.1	5.7
Idaho	4.8	4.9	4.3	4.5	2.8	2.7	4.9	5.1	3.8	3.7
Montana	5.4	5.7	4.6	5.2	2.7	2.6	4.1	4.8	4.0	4.0
Nevada	7.0	6.5	6.5	6.3	4.2	4.1	4.9	4.4	5.5	5.3
New Mexico	9.1	9.2	8.2	8.2	4.8	4.9	6.1	5.6	7.0	7.2
Utah	6.9	6.8	5.9	5.6	3.4	3.5	4.1	4.0	5.1	5.0
Wyoming	5.9	6.0	5.2	5.2	3.6	3.6	6.1	7.2	4.3	4.3
Pacific Contiguous	8.1	8.3	8.0	8.2	4.6	4.6	4.7	3.7	6.8	6.8
California	11.2	11.1	9.5	9.7	6.3	6.6	5.5	3.9	8.9	9.0
Oregon	4.8	4.8	5.1	5.0	3.3	3.1	6.6	7.0	4.4	4.3
Washington	4.3	4.3	4.3	4.4	2.3	2.2	3.2	3.0	3.5	3.3
Pacific Noncontiguous	11.8	10.5	10.6	10.0	9.0	7.3	12.1	13.9	10.4	9.3
Alaska	11.2	10.8	9.3	9.9	9.2	7.3	12.4	15.3	10.1	10.2
Hawaii	12.2	10.3	11.6	10.0	8.9	7.3	11.2	9.1	10.6	8.9
U.S. Average	8.1	8.0	7.5	7.4	4.6	4.7	6.8	6.4	6.6	6.6

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, April 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.4	0.3	0.5	1.7	0.3
Connecticut	.4	.8	.7	.2	.7
Maine	.5	.2	.8	7.3	.3
Massachusetts	.7	.2	1.1	1.9	.5
New Hampshire	1.4	1.3	.7	1.9	.8
Rhode Island	.1	.2	.6	.7	.2
Vermont	3.5	.7	2.7	17.1	1.1
Middle Atlantic	.4	1.0	1.8	2.6	.9
New Jersey	.2	.3	.5	.5	.3
New York	.9	1.6	5.4	3.0	1.6
Pennsylvania	.9	1.1	.8	9.3	1.1
East North Central	.5	.4	.9	2.9	.6
Illinois	.6	.4	.6	.1	.2
Indiana	.7	.7	1.4	10.1	.5
Michigan	1.1	.9	2.2	3.0	1.6
Ohio	1.5	1.0	2.2	1.9	1.5
Wisconsin	.9	.4	.7	26.5	.7
West North Central	.8	1.0	1.0	3.7	1.0
Iowa	1.5	1.9	2.2	7.7	1.8
Kansas	.4	.6	1.0	.9	.4
Minnesota	.6	.3	.6	4.2	.8
Missouri	2.8	2.9	4.0	2.1	3.3
Nebraska	1.4	.8	1.4	11.5	1.8
North Dakota	1.2	1.1	.6	2.9	.9
South Dakota	1.5	1.5	1.1	9.4	1.4
South Atlantic	.8	.4	.4	.5	.6
Delaware	1.4	1.3	2.2	.1	1.5
District of Columbia	.0	.0	.0	.0	.0
Florida	2.1	.9	2.0	1.5	1.4
Georgia	3.0	.7	.5	.8	1.4
Maryland	.9	1.7	1.3	4.8	1.1
North Carolina	1.1	1.7	.6	1.0	1.5
South Carolina	.9	.3	.6	.9	.3
Virginia	1.1	.4	.9	.5	.8
West Virginia	.6	.5	1.3	2.9	.7
East South Central	.6	.3	.8	.5	.7
Alabama	1.5	.1	1.6	1.5	.5
Kentucky	1.6	.8	1.3	.6	2.1
Mississippi	2.3	.3	1.9	5.3	1.0
Tennessee	.4	.8	1.0	1.7	.5
West South Central	1.2	1.0	.5	2.5	.5
Arkansas	.2	1.3	.9	1.9	.8
Louisiana	.9	.7	.6	6.0	.8
Oklahoma	.6	2.6	2.5	.2	1.4
Texas	1.8	1.5	.6	3.4	.8
Mountain	.4	.6	.6	5.4	.5
Arizona	.2	1.9	1.6	8.4	1.3
Colorado	1.4	.6	1.4	46.3	.8
Idaho	2.5	.8	1.5	1.4	1.0
Montana	1.8	1.9	.6	2.4	1.4
Nevada	.5	.8	2.7	.0	.7
New Mexico	1.2	.8	1.3	1.3	.8
Utah	1.5	.4	.3	17.6	1.4
Wyoming	1.6	1.4	.4	8.2	1.3
Pacific Contiguous	.5	1.2	3.4	6.9	.9
California	.2	1.4	3.5	11.2	.4
Oregon	2.0	.7	1.1	8.7	.8
Washington	2.3	2.1	3.8	.0	2.2
Pacific Noncontiguous	1.3	1.1	1.3	3.0	1.2
Alaska	1.3	1.8	2.8	3.9	1.5
Hawaii	1.9	1.4	1.4	1.8	1.6
U.S. Total	.3	.3	.5	1.3	.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, March 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	--	3	--	1,710	--	--	--	*	--	--	*
Abbeville (SC)	--	3	--	1,710	--	--	--	*	--	--	*
Accomack-Northampton Electric Coop	--	5	--	--	--	--	--	*	--	--	*
Smith (VA)	--	--	--	--	--	--	--	*	--	--	*
Tangier (VA)	--	5	--	--	--	--	--	*	--	--	*
Adrian Lt & Water Comm	--	--	--	--	--	--	--	--	--	--	--
Adrian (MN)	--	--	--	--	--	--	--	--	--	--	--
Aitkin Public Utilities Comm	--	-27	--	--	--	--	--	*	--	--	*
Aitkin (MN)	--	-27	--	--	--	--	--	*	--	--	*
Alabama Elec Coop, Inc	196,610	-174	40	5,395	--	--	87	*	1	377	4
Gantt (AL)	--	--	--	1,836	--	--	--	--	--	--	--
Lowman (AL)	196,049	--	--	--	--	--	87	--	--	374	--
McIntosh-CAES (AL)	--	-173	--	--	--	--	--	--	--	--	4
McWilliams (AL)	561	--	40	--	--	--	*	--	1	4	--
Point "A" (AL)	--	--	--	3,559	--	--	--	--	--	--	--
Portland (FL)	--	-1	--	--	--	--	--	*	--	--	1
Alabama Power Co (SC)	3,111,610	6,167	18,906	728,392	994,599	--	1,253	10	199	3,427	57
Bankhead Dam (AL)	--	--	--	30,275	--	--	--	--	--	--	--
Barry (AL)	458,756	--	183	--	--	--	197	--	16	785	16
Chickasaw (AL)	--	62	939	--	--	--	--	*	15	--	3
Farley (AL)	--	--	--	--	994,599	--	--	--	--	--	--
Gadsden New (AL)	7,684	98	170	--	--	--	4	*	2	83	1
Gaston, E C (AL)	990,842	1,757	--	--	--	--	396	3	--	550	16
Gorgas (AL)	383,105	407	--	--	--	--	159	1	--	554	13
Greene County (AL)	338,074	760	--	--	--	--	134	1	--	199	2
H Neely Henry Dam (AL)	--	--	--	35,031	--	--	--	--	--	--	--
Harris (AL)	--	--	--	32,075	--	--	--	--	--	--	--
Holt Dam (AL)	--	--	--	27,506	--	--	--	--	--	--	--
Jordan (AL)	--	--	--	49,983	--	--	--	--	--	--	--
Lay Dam (AL)	--	--	--	107,362	--	--	--	--	--	--	--
Lewis Smith Dam (AL)	--	--	--	31,422	--	--	--	--	--	--	--
Logan Martin Dam (AL)	--	--	--	65,541	--	--	--	--	--	--	--
Martin Dam (AL)	--	--	--	40,359	--	--	--	--	--	--	--
Miller (AL)	933,149	3,083	17,614	--	--	--	363	5	166	1,255	7
Mitchell Dam (AL)	--	--	--	90,369	--	--	--	--	--	--	--
Thurlow Dam (AL)	--	--	--	29,655	--	--	--	--	--	--	--
Walter Bouldin Dam (AL)	--	--	--	132,315	--	--	--	--	--	--	--
Weiss Dam (AL)	--	--	--	39,506	--	--	--	--	--	--	--
Yates Dam (AL)	--	--	--	16,993	--	--	--	--	--	--	--
Alaska Electric Lt & Pwr Co	--	44	--	4,858	--	--	--	*	--	--	4
Annex Creek (AK)	--	--	--	2,430	--	--	--	--	--	--	--
Gold Creek (AK)	--	--	--	178	--	--	--	--	--	--	--
Lemon Creek (AK)	--	44	--	--	--	--	--	*	--	--	4
Salmon Creek (AK)	--	--	--	2,250	--	--	--	--	--	--	--
Salmon Creek 2 (AK)	--	--	--	--	--	--	--	--	--	--	--
Alaska Power Administration	--	--	--	35,528	--	--	--	--	--	--	--
Eklutna (AK)	--	--	--	12,496	--	--	--	--	--	--	--
Sneltisham (AK)	--	--	--	23,032	--	--	--	--	--	--	--
Alaska Power And Telephone Company	--	2,563	--	13	--	--	--	4	--	--	1
Chistochina (AK)	--	18	--	--	--	--	--	*	--	--	*
Coffman Cove (AK)	--	53	--	--	--	--	--	--	--	--	*
Craig (AK)	--	988	--	--	--	--	--	2	--	--	*
Dot Lake (AK)	--	--	--	--	--	--	--	--	--	--	*
Hollis (AK)	--	20	--	--	--	--	--	*	--	--	*
Hydaburg (AK)	--	127	--	--	--	--	--	*	--	--	*
Mentasta (AK)	--	22	--	--	--	--	--	*	--	--	*
Skagway (AK)	--	588	--	13	--	--	--	1	--	--	*
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, March 1993 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Alaska Village Electric Coop, Inc	--	3,809	--	--	--	--	--	7	--	--	48
Alakanuk (AK)	--	95	--	--	--	--	--	.	--	--	1
Ambler (AK)	--	87	--	--	--	--	--	.	--	--	1
Anvik (AK)	--	30	--	--	--	--	--	.	--	--	1
Chevak (AK)	--	103	--	--	--	--	--	.	--	--	1
Eek (AK)	--	41	--	--	--	--	--	.	--	--	1
Elim (AK)	--	58	--	--	--	--	--	.	--	--	1
Emmonak (AK)	--	179	--	--	--	--	--	.	--	--	2
Gambell (AK)	--	120	--	--	--	--	--	.	--	--	1
Goodnews Bay (AK)	--	42	--	--	--	--	--	.	--	--	1
Grayling (AK)	--	41	--	--	--	--	--	.	--	--	1
Holy Cross (AK)	--	55	--	--	--	--	--	.	--	--	1
Hoope: Bay (AK)	--	154	--	--	--	--	--	.	--	--	2
Huslia (AK)	--	44	--	--	--	--	--	.	--	--	1
Kaltag (AK)	--	46	--	--	--	--	--	.	--	--	1
Kiana (AK)	--	99	--	--	--	--	--	.	--	--	1
Kivalina (AK)	--	81	--	--	--	--	--	.	--	--	1
Koyuk (AK)	--	62	--	--	--	--	--	.	--	--	1
Lower Kalskag (AK)	--	76	--	--	--	--	--	.	--	--	1
Marshall (AK)	--	70	--	--	--	--	--	.	--	--	1
Mekoryuk (AK)	--	60	--	--	--	--	--	.	--	--	1
Minto (AK)	--	57	--	--	--	--	--	.	--	--	.
Mountain Village (AK)	--	193	--	--	--	--	--	.	--	--	2
New Stuyahok (AK)	--	71	--	--	--	--	--	.	--	--	1
Noatak (AK)	--	87	--	--	--	--	--	.	--	--	1
Noorvik (AK)	--	117	--	--	--	--	--	.	--	--	2
Nulato (AK)	--	74	--	--	--	--	--	.	--	--	2
Nunapitchuk (AK)	--	157	--	--	--	--	--	.	--	--	1
Old Harbor (AK)	--	66	--	--	--	--	--	.	--	--	1
Pilot Station (AK)	--	91	--	--	--	--	--	.	--	--	1
Quinhagak (AK)	--	82	--	--	--	--	--	.	--	--	1
Russion Mission (AK)	--	49	--	--	--	--	--	.	--	--	1
Savoonga (AK)	--	104	--	--	--	--	--	.	--	--	2
Scammon Bay (AK)	--	75	--	--	--	--	--	.	--	--	1
Selawik (AK)	--	108	--	--	--	--	--	.	--	--	1
Shageluk (AK)	--	23	--	--	--	--	--	.	--	--	1
Shaktolik (AK)	--	49	--	--	--	--	--	.	--	--	1
Shishmaref (AK)	--	104	--	--	--	--	--	.	--	--	1
Shungnak (AK)	--	90	--	--	--	--	--	.	--	--	1
St Marys (AK)	--	214	--	--	--	--	--	.	--	--	2
St Michael (AK)	--	68	--	--	--	--	--	.	--	--	1
Stebbins (AK)	--	85	--	--	--	--	--	.	--	--	1
Togiak (AK)	--	115	--	--	--	--	--	.	--	--	1
Toksook Bay (AK)	--	85	--	--	--	--	--	.	--	--	1
Tununak (AK)	--	61	--	--	--	--	--	.	--	--	1
Wales (AK)	--	41	--	--	--	--	--	.	--	--	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	--	40	--	--	--	--	--	.	--	--	2
Algona (IA)	--	40	--	--	--	--	--	.	--	--	2
Allegheny Electric Coop	--	--	--	13,882	--	--	--	--	--	--	--
Raystown (PA)	--	--	--	13,882	--	--	--	--	--	--	--
Alta Mun Elec Lt & Pwr Plt Sys ...	--	-2	--	--	--	--	--	--	--	--	.
Alta (IA)	--	-2	--	--	--	--	--	--	--	--	.
American Municipal Power-Ohio											
Inc	102,141	--	555	--	--	--	69	--	8	97	--
Richard Gorsuch (OH)	102,141	--	555	--	--	--	69	--	8	97	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	33,599	210	--	--	--	--	21	*	--	17	3
Ames (IA)	33,599	201	--	--	--	--	21	*	--	17	1
Ames Gt (IA)	--	9	--	--	--	--	--	*	--	--	2
Anchorage Mun Lt & Pwr Dept	--	--	62,518	--	--	--	--	--	605	--	41
Anchorage (AK)	--	--	770	--	--	--	--	--	18	--	*
GMS 2 (AK)	--	--	61,748	--	--	--	--	--	587	--	41
Aniak Light & Power Company, Inc	--	199	--	--	--	--	--	*	--	--	1
Aniak (AK)	--	199	--	--	--	--	--	*	--	--	1
Anita Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Anita (IA)	--	--	--	--	--	--	--	--	--	--	--
Ansley Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Ansley (NE)	--	--	--	--	--	--	--	--	--	--	--
Anthony City Of	--	8	115	--	--	--	--	*	1	--	*
Anthony (KS)	--	8	115	--	--	--	--	*	1	--	*
Appalachian Power Co (AEP)	1,699,671	6,481	--	150,442	--	--	663	11	--	2,917	42
Amos, John E (WV)	1,068,039	3,938	--	--	--	--	426	7	--	1,435	10
Buck (VA)	--	--	--	6,327	--	--	--	--	--	--	--
Byllesby 2 (VA)	--	--	--	9,174	--	--	--	--	--	--	--
Claytor (VA)	--	--	--	45,644	--	--	--	--	--	--	--
Clinch River (VA)	344,911	--	--	--	--	--	126	--	--	336	1
Glen Lyn (VA)	197,217	2,480	--	--	--	--	76	4	--	52	2
Kanawha River (WV)	89,504	63	--	--	--	--	34	*	--	237	1
Leesville (VA)	--	--	--	18,964	--	--	--	--	--	--	--
London (WV)	--	--	--	6,218	--	--	--	--	--	--	--
Marmet (WV)	--	--	--	4,975	--	--	--	--	--	--	--
Mountaineer (WV)	--	--	--	--	--	--	--	--	--	857	28
Niagara (VA)	--	--	--	1,758	--	--	--	--	--	--	--
Reusens (VA)	--	--	--	3,521	--	--	--	--	--	--	--
Smith Mountain (VA)	--	--	--	47,627	--	--	--	--	--	--	--
Winfield (WV)	--	--	--	6,234	--	--	--	--	--	--	--
Arcadia Mun Electric Utility	--	32	44	--	--	--	--	*	*	--	1
Arcadia (WI)	--	32	44	--	--	--	--	*	*	--	1
Arcanum Water & Light Plant	--	--	--	--	--	--	--	--	--	--	*
Arcanum (OH)	--	--	--	--	--	--	--	--	--	--	*
Argyle Municipal Elec & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Argyle (WI)	--	--	--	--	--	--	--	--	--	--	--
Arizona Electric Pwr Coop, Inc	155,740	--	37,286	--	--	--	83	--	387	105	--
Apache Station (AZ)	155,740	--	37,286	--	--	--	83	--	387	105	--
Arizona Public Service Company	1,627,830	2,507	82,617	1,434	2,212,492	--	926	5	867	1,650	196
Childs (AZ)	--	--	--	703	--	--	--	--	--	--	--
Cholla (AZ)	450,520	1,956	315	--	--	--	245	4	4	1,006	6
Fairview (AZ)	--	3	--	--	--	--	--	*	--	--	8
Four Corners (NM)	1,177,310	--	7,530	--	--	--	681	--	74	644	--
Irving (AZ)	--	--	--	731	--	--	--	--	--	--	--
Ocotillo (AZ)	--	--	11,244	--	--	--	--	--	122	--	37
Palo Verde (AZ)	--	--	--	--	2,212,492	--	--	--	--	--	--
Phoenix (AZ)	--	548	59,824	--	--	--	--	1	619	--	47
Saguaro (AZ)	--	--	2,717	--	--	--	--	--	33	--	39
Yucca (AZ)	--	--	--	--	--	--	--	--	--	--	--
Yuma Axis (AZ)	--	--	987	--	--	--	--	--	15	--	58
Arkansas Electric Coop Corp	--	--	--	6,288	--	--	--	--	--	--	--
Bailey (AR)	--	--	--	--	--	--	--	--	--	--	--
Clyde Ellis (AR)	--	--	--	6,288	--	--	--	--	--	--	--
Fitzhugh (AR)	--	--	--	--	--	--	--	--	--	--	--
Mc Clellan (AR)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	896,695	740	27,518	22,990	1,221,906	--	538	2	280	1,206	256
Arkansas Nuclear One(AR)	--	--	--	--	1,221,906	--	--	--	--	--	--
Blytheville (AR)	--	740	--	--	--	--	--	2	--	--	28
Carpenter (AR)	--	--	--	15,594	--	--	--	--	--	--	--
Couch, Harvey (AR)	--	--	27,518	--	--	--	--	--	280	--	5
Independence (AR)	418,756	--	--	--	--	--	248	--	--	410	29
L Catherine (AR)	--	--	--	--	--	--	--	--	--	--	39
Lynch, Cecil (AR)	--	--	--	--	--	--	--	--	--	--	2
Mablevale (AR)	--	--	--	--	--	--	--	--	--	--	9
Moses, Ham (AR)	--	--	--	--	--	--	--	--	--	--	5
Rommel (AR)	--	--	--	7,396	--	--	--	--	--	--	--
Ritchie, R E (AR)	--	--	--	--	--	--	--	--	--	--	103
White Bluff (AR)	477,939	--	--	--	--	--	290	--	--	796	35
Arnold Municipal Plant	--	--	--	--	--	--	--	--	--	--	*
Arnold (NE)	--	--	--	--	--	--	--	--	--	--	*
Ashland, City Of	--	--	--	--	--	--	--	--	--	--	1
Ashland (KS)	--	--	--	--	--	--	--	--	--	--	1
Associated Electric Coop, Inc	498,847	1,261	--	--	--	--	256	3	--	1,793	22
New Madrid (MO)	308,853	39	--	--	--	--	145	*	--	563	1
Thomas Hill (MO)	189,994	1,219	--	--	--	--	111	3	--	1,230	6
Unionville (MO)	--	3	--	--	--	--	--	*	--	--	15
Atlantic City Electric Co (ACE)	165,345	29,898	10,795	--	--	--	69	53	138	109	338
* Central Storage *	--	--	--	--	--	--	--	--	--	--	89
Carlls Corner (NJ)	--	-21	44	--	--	--	--	*	1	--	8
Cedar (NJ)	--	-270	--	--	--	--	--	*	--	--	9
Cumberland St (NJ)	--	307	3,907	--	--	--	--	1	48	--	12
Deepwater (NJ)	40,245	1,192	46	--	--	--	16	2	*	43	95
England, B L (NJ)	125,100	29,122	--	--	--	--	52	50	--	66	84
Mickleton Street (NJ)	--	--	1,026	--	--	--	--	--	15	--	11
Middle (NJ)	--	-410	--	--	--	--	--	*	--	--	11
Missouri Avenue (NJ)	--	-22	--	--	--	--	--	*	--	--	8
Sherman Avenue (NJ)	--	--	5,772	--	--	--	--	--	74	--	13
Atlantic Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Atlantic (IA)	--	--	--	--	--	--	--	--	--	--	1
Attica City Of	--	--	--	--	--	--	--	--	--	--	--
Attica (KS)	--	--	--	--	--	--	--	--	--	--	--
Auburn City Of	--	--	-112	--	--	--	--	*	--	--	1
Auburn (NE)	--	--	-112	--	--	--	--	*	--	--	1
Augusta City Of	--	-22	34	--	--	--	--	*	1	--	*
Plant No 1 (KS)	--	-27	--	--	--	--	--	--	--	--	*
Plant No 2 (KS)	--	5	34	--	--	--	--	*	1	--	*
Augusta Light And Water Plant	--	--	--	--	--	--	--	--	--	--	--
Fairbanks (AR)	--	--	--	--	--	--	--	--	--	--	--
Austin Electric Dept	--	5	154,725	--	--	31	--	*	1,635	--	209
Decker Creek (TX)	--	1	131,067	--	--	31	--	*	1,369	--	88
Holly Street (TX)	--	4	23,850	--	--	--	--	*	266	--	118
Seaholm (TX)	--	--	-192	--	--	--	--	--	--	--	3
Austin Utilities	6,443	--	465	--	--	--	4	--	6	23	--
Northeast Station (MN)	6,443	--	465	--	--	--	4	--	6	23	--
Baldwin City Of	--	4	1	--	--	--	--	*	*	--	*
Attica (KS)	--	4	1	--	--	--	--	*	*	--	*
Baltimore Gas & Electric Co	804,960	134,441	14,089	--	649,075	--	314	258	324	923	490
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Brandon (MD)	377,811	1,704	--	--	--	--	150	3	--	553	3

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	--	--	--	--	649,075	--	--	--	--	--	--
Crane, C P (MD)	174,664	1,177	--	--	--	--	70	2	--	164	4
Gould Street (MD)	--	26,023	--	--	--	--	--	47	--	--	30
Notch Cliff (MD)	--	--	498	--	--	--	--	--	9	--	--
Perryman (MD)	--	497	--	--	--	--	--	3	--	--	53
Philadelphia Road (MD)	--	--	--	--	--	--	--	--	--	--	10
Riverside (MD)	--	9,117	5,753	--	--	--	--	16	110	--	112
Wagner, H A (MD)	252,485	89,789	7,754	--	--	--	95	172	203	206	247
Westport (MD)	--	6,134	84	--	--	--	--	16	1	--	31
Bancroft Mun Electric Plant	--	--	--	--	--	--	--	--	--	--	--
Bancroft (IA)	--	--	--	--	--	--	--	--	--	--	--
Bangor Hydro Electric Co	--	127	--	15,158	--	--	--	*	--	--	2
Bar Harbor (ME)	--	31	--	--	--	--	--	*	--	--	1
Eastport (ME)	--	18	--	--	--	--	--	--	--	--	--
Ellsworth (ME)	--	--	--	3,025	--	--	--	--	--	--	--
Graham Station (ME)	--	--	--	--	--	--	--	--	--	--	1
Howland (ME)	--	--	--	482	--	--	--	--	--	--	--
Medway (ME)	--	78	--	2,427	--	--	--	*	--	--	--
Millford (ME)	--	--	--	2,869	--	--	--	--	--	--	--
Orono (ME)	--	--	--	968	--	--	--	--	--	--	--
Stillwater (ME)	--	--	--	1,152	--	--	--	--	--	--	--
Veazie (ME)	--	--	--	--	--	--	--	--	--	--	--
Veazie A (ME)	--	--	--	4,235	--	--	--	--	--	--	--
Barron Light & Water Dept	--	1	--	33	--	--	--	*	--	--	*
Barron (WI)	--	1	--	33	--	--	--	*	--	--	*
Barrow Utils & Elec Coop Inc	--	--	3,635	--	--	--	--	--	63	--	*
Barrow (AK)	--	--	3,635	--	--	--	--	--	63	--	*
Barton Village Electric Dept	--	--	--	238	--	--	--	--	--	--	*
W Charleston (VT)	--	--	--	238	--	--	--	--	--	--	*
Basin Electric Pwr Coop, Inc	1,849,336	5,238	--	--	--	--	1,387	10	--	1,346	28
Antelope Valley (ND)	612,561	487	--	--	--	--	513	1	--	145	5
Laramie River (WY)	891,324	4,271	--	--	--	--	577	8	--	836	6
Leland Olds (ND)	345,451	480	--	--	--	--	298	1	--	365	2
Spirit Mound (SD)	--	--	--	--	--	--	--	--	--	--	14
Baudette Light & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Baudette (MN)	--	--	--	--	--	--	--	--	--	--	--
Beaver City Corporation	--	--	--	383	--	--	--	--	--	--	--
Beaver Lower (UT)	--	--	--	13	--	--	--	--	--	--	--
Beaver Upper (UT)	--	--	--	109	--	--	--	--	--	--	--
Beaver 3 (UT)	--	--	--	261	--	--	--	--	--	--	--
Beaver City Of	--	--	--	--	--	--	--	*	--	--	*
Beaver City (NE)	--	--	--	--	--	--	--	*	--	--	*
Bedford Electric Dept	--	--	--	2,020	--	--	--	--	--	--	--
Snowden (VA)	--	--	--	2,020	--	--	--	--	--	--	--
Bellevue City Of	--	49	425	--	--	--	--	*	4	--	2
Bellevue (KS)	--	49	425	--	--	--	--	*	4	--	2
Bellevue Municipal Utilities	--	1	--	--	--	--	--	*	--	--	*
Bellevue (IA)	--	1	--	--	--	--	--	*	--	--	*
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, March 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	--	56	--	--	--	--	--	*	--	--	1
Berlin (MD)	--	56	--	--	--	--	--	*	--	--	1
Bethany City	--	1	--	--	--	--	--	*	--	--	1
Bethany (MO)	--	1	--	--	--	--	--	*	--	--	1
Bethel Utilities Commission	--	2,698	--	--	--	--	--	5	--	--	1
Bethel (AK)	--	2,698	--	--	--	--	--	5	--	--	1
Bettles Light & Power Inc	--	79	--	--	--	--	--	*	--	--	*
Bettles (AK)	--	79	--	--	--	--	--	*	--	--	*
Big Rivers Electric Corporation ...	977,795	-1,049	121	--	--	--	445	1	1	775	19
Coleman (KY)	316,170	--	121	--	--	--	149	--	1	127	2
Green (KY)	157,091	53	--	--	--	--	81	*	--	291	1
Henderson li (KY)	207,298	14	--	--	--	--	85	*	--	--	1
Reid, Robert (KY)	--	-1,616	--	--	--	--	--	*	--	93	7
Wilson (KY)	297,236	500	--	--	--	--	130	1	--	263	8
Black Hills Corp	52,908	1,422	214	--	--	--	48	3	3	12	22
French, Ben (SD)	13,598	422	214	--	--	--	11	3	3	3	22
Kirk (SD)	10,245	--	--	--	--	--	10	--	--	4	--
Osage (WY)	15,047	--	--	--	--	--	15	--	--	5	--
Simpson, Neil (WY)	14,018	--	--	--	--	--	12	--	--	--	*
Black River Falls, City Of	--	--	--	381	--	--	--	--	--	--	--
Black River Falls (WI)	--	--	--	381	--	--	--	--	--	--	--
Block Island Power Co	--	416	--	--	--	--	--	1	--	--	1
Block Island (RI)	--	416	--	--	--	--	--	1	--	--	1
Bloomfield Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Bloomfield (IA)	--	--	--	--	--	--	--	--	--	--	1
Blooming Prairie Pub Utils Comm	--	--	--	--	--	--	--	--	--	--	*
Blooming Prairie (MN)	--	--	--	--	--	--	--	--	--	--	*
Blue Earth Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	--
Blue Earth (MN)	--	--	--	--	--	--	--	--	--	--	--
Blue Ridge Electric Membership											
Corp	--	--	--	24	--	--	--	--	--	--	--
Sharp Falls (NC)	--	--	--	24	--	--	--	--	--	--	--
Bluffton Utilities	--	2	346	--	--	--	--	*	1	--	2
Bluffton (IN)	--	2	346	--	--	--	--	*	1	--	2
Bonnors Ferry City Of (Lt & Wtr											
Dpt)	--	--	--	2,009	--	--	--	--	--	--	--
Moyie (ID)	--	--	--	2,009	--	--	--	--	--	--	--
Boston Edison Company	--	227,472	272,420	--	414,649	--	--	385	2,749	--	541
Edgar (MA)	--	49	--	--	--	--	--	*	--	--	1
Framingham (MA)	--	72	--	--	--	--	--	*	--	--	2
L Street (MA)	--	31	--	--	--	--	--	*	--	--	1
Mystic (MA)	--	226,768	29,028	--	--	--	--	383	361	--	513
New Boston (MA)	--	328	243,392	--	--	--	--	1	2,388	--	18
Pilgrim (MA)	--	--	--	--	414,649	--	--	--	--	--	--
West Medway (MA)	--	224	--	--	--	--	--	1	--	--	7
Bountiful City Light & Power	--	86	1,640	--	--	--	--	*	16	--	1
Bountiful (UT)	--	86	1,640	--	--	--	--	*	16	--	1
Echo Dam (UT)	--	--	--	--	--	--	--	--	--	--	--
Pine View Dam (UT)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Brady Water & Light Works	--	10	--	--	--	--	--	*	--	--	1
Brady (TX)	--	10	--	--	--	--	--	--	--	--	1
Braintree Electric Light Dept	--	987	7,539	--	--	--	--	2	78	--	9
Potter Station (MA)	--	987	7,539	--	--	--	--	2	78	--	9
Brazos Elec Pwr Coop, Inc	--	--	140,007	--	--	--	--	--	1,443	--	110
Miller, R W (TX)	--	--	137,337	--	--	--	--	--	1,406	--	100
North Texas (TX)	--	--	2,670	--	--	--	--	--	36	--	10
Brazos River Authority	--	--	--	4,006	--	--	--	--	--	--	--
M Sheppard (TX)	--	--	--	4,006	--	--	--	--	--	--	--
Breese City Of	--	17	--	--	--	--	--	*	--	--	1
Breese (IL)	--	17	--	--	--	--	--	*	--	--	1
Brigham City Corporation	--	--	--	468	--	--	--	--	--	--	--
Brigham City (UT)	--	--	--	191	--	--	--	--	--	--	--
Brigham 2 (UT)	--	--	--	277	--	--	--	--	--	--	--
Broken Bow Mun Utilities	--	10	75	--	--	--	--	*	1	--	*
Broken Bow (NE)	--	10	75	--	--	--	--	*	1	--	*
Brooklyn Mun Utilities	--	1	--	--	--	--	--	*	--	--	*
Brooklyn (IA)	--	1	--	--	--	--	--	*	--	--	*
Brownfield Mun Pr & Lt Plant	--	11	37	--	--	--	--	*	1	--	*
Brownfield (TX)	--	11	37	--	--	--	--	*	1	--	*
Brownsville City Of (Pub Utils Brd)	--	--	7,475	--	--	--	--	--	124	--	28
Brownsville (TX)	--	--	7,475	--	--	--	--	--	124	--	28
Bryan City Of	--	--	22,531	--	--	--	--	--	286	--	77
Bryan (TX)	--	--	22,898	--	--	--	--	--	286	--	40
Danshy (TX)	--	--	-367	--	--	--	--	--	--	--	37
Bryan Municipal Light & Water Works	--	9	54	--	--	--	--	*	1	--	8
Bryan (OH)	--	9	54	--	--	--	--	*	1	--	8
Bryant Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Bryant (SD)	--	--	--	--	--	--	--	--	--	--	--
Buhl Public Utilities Dept	--	--	--	--	--	--	--	--	--	--	--
Buhl (MN)	--	--	--	--	--	--	--	--	--	--	--
Burbank Public Service Department	--	--	9,807	--	--	--	--	--	139	--	41
Magnolia (CA)	--	--	-158	--	--	--	--	--	3	--	39
Olive (CA)	--	--	9,965	--	--	--	--	--	136	--	2
Burlingame City Of	--	--	12	--	--	--	--	--	*	--	--
Burlingame (KS)	--	--	12	--	--	--	--	--	*	--	--
Burlington City Of	--	14	37	--	--	--	--	*	1	--	1
Burlington (KS)	--	14	37	--	--	--	--	*	1	--	1
Burlington City Of	--	--	--	--	--	--	--	--	--	--	--
Burlington (CO)	--	--	--	--	--	--	--	--	--	--	--
Burlington Electric Light Dept	--	50	--	--	--	10,399	--	*	1	--	3
Burlington (VT)	--	50	--	--	--	--	--	*	--	--	2
J C McNeil (VT)	--	--	--	--	--	10,399	--	*	1	--	1
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, March 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	--	--	--	267,831	--	-95	--	--	--	--	--
Alamo (CA)	--	--	--	-66	--	--	--	--	--	--	--
Bottle Rock (CA)	--	--	--	--	--	-95	--	--	--	--	--
Devil Canyon (CA)	--	--	--	5,882	--	--	--	--	--	--	--
Edw Hyatt (CA)	--	--	--	288,979	--	--	--	--	--	--	--
San Luis (CA)	--	--	--	-66,684	--	--	--	--	--	--	--
Thermal Div (CA)	--	--	--	1,790	--	--	--	--	--	--	--
Thermalito (CA)	--	--	--	38,010	--	--	--	--	--	--	--
W E Warne (CA)	--	--	--	-80	--	--	--	--	--	--	--
Cajun Elec Power Coop Inc	798,715	1,502	-624	--	--	--	535	3	--	748	25
Big Cajun 1 (LA)	--	--	-624	--	--	--	--	--	--	--	14
Big Cajun 2 (LA)	798,715	1,502	--	--	--	--	535	3	--	748	12
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)	816,565	231	--	--	--	--	335	*	--	972	28
Cardinal (OH)	816,565	231	--	--	--	--	335	*	--	972	28
Carlyle Municipal Utilities	--	8	--	--	--	--	--	*	*	--	*
Carlyle (IL)	--	8	--	--	--	--	--	*	*	--	*
Carmi Light & Water	--	13	71	--	--	--	--	*	*	--	*
Carmi (IL)	--	13	71	--	--	--	--	*	*	--	*
Carolina Power & Light Co	2,137,876	11,296	277	132,648	1,186,933	--	852	29	6	2,159	143
Asheville (NC)	223,818	175	--	--	--	--	84	*	--	115	1
Blewett (NC)	--	11	--	16,739	--	--	--	*	--	--	6
Brunswick (NC)	--	--	--	--	-12,701	--	--	--	--	--	--
Cape Fear (NC)	108,363	1,370	--	--	--	--	43	2	--	129	13
Darlington County (SC)	--	3,093	224	--	--	--	--	11	5	--	64
Harris (NC)	--	--	--	--	657,527	--	--	--	--	--	--
Lee (NC)	149,394	951	--	--	--	--	62	2	--	109	16
Marshall (NC)	--	--	--	2,616	--	--	--	--	--	--	--
Mayo (NC)	427,866	1,056	--	--	--	--	175	2	--	314	6
Morehead (NC)	--	44	--	--	--	--	--	*	--	--	1
Robinson, H B (SC)	77,743	90	--	--	542,107	--	31	*	--	29	3
Roxboro (NC)	969,158	2,827	--	--	--	--	380	5	--	1,264	10
Sutton (NC)	149,036	1,518	--	--	--	--	61	4	--	147	9
Tillery (NC)	--	--	--	51,869	--	--	--	--	--	--	--
Walters (NC)	--	--	--	61,424	--	--	--	--	--	--	--
Weatherspoon (NC)	32,498	161	53	--	--	--	16	1	1	53	13
Carrollton Municipal Utilities	--	1	3	--	--	--	--	*	*	--	5
Carrollton (MO)	--	1	3	--	--	--	--	*	*	--	5
Carthage Water & Elec Plant	--	-7	-63	--	--	--	--	*	*	--	4
Carthage (MO)	--	-7	-63	--	--	--	--	*	*	--	4
Cascade Mun Elec Plant	--	--	--	--	--	--	--	--	--	--	*
Cascade (IA)	--	--	--	--	--	--	--	--	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	--	--	--	669	--	--	--	--	--	--	--
Brevard (NC)	--	--	--	669	--	--	--	--	--	--	--
Cashton Light & Water Plant	--	--	--	--	--	--	--	--	--	--	--
Cashton (WI)	--	--	--	--	--	--	--	--	--	--	--
Cedar Falls Utilities	9,574	--	58	--	--	--	5	--	1	22	5
Cedar Falls Gt (IA)	9,574	--	96	--	--	--	5	--	1	22	--
Streeter (IA)	--	--	-38	--	--	--	--	--	--	--	5
Center Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Center (CO)	--	--	--	--	--	--	--	--	--	--	--
Central Electric Power Coop	37,154	60	--	--	--	--	18	*	--	31	*
Chamois (MO)	37,154	60	--	--	--	--	18	*	--	31	*
Central Hudson Gas & Elec Corp	87,178	380,961	32,920	11,850	--	--	32	576	372	194	427
Coxsackie (NY)	--	143	63	--	--	--	--	*	2	--	2
Dariskammer (NY)	87,178	6,501	32,654	--	--	--	32	13	366	194	11
Dashville (NY)	--	--	--	1,727	--	--	--	--	--	--	--
High Falls (NY)	--	--	--	453	--	--	--	--	--	--	--
Neversink (NY)	--	--	--	2,132	--	--	--	--	--	--	--
Roseton (NY)	--	374,180	203	--	--	--	--	563	4	--	412
South Cairo (NY)	--	137	--	--	--	--	--	*	--	--	2
Sturgeon Pool (NY)	--	--	--	7,538	--	--	--	--	--	--	--
Central Illinois Light Co	411,269	673	84	--	--	--	177	1	1	267	1
Duck Creek (IL)	218,015	189	--	--	--	--	101	*	--	114	1
E D Edwards (IL)	193,254	484	--	--	--	--	75	1	--	153	1
Sterling Avenue (IL)	--	--	84	--	--	--	--	--	1	--	--
Central Illinois Public Service Co	1,059,925	2,432	--	--	--	--	521	5	--	666	39
Coffeen (IL)	270,610	830	--	--	--	--	159	2	--	197	4
Grand Tower (IL)	42,808	65	--	--	--	--	20	*	--	61	1
Hutsonville (IL)	28,384	91	--	--	--	--	14	*	--	112	2
Meredosia (IL)	98,371	496	--	--	--	--	50	1	--	123	28
Newton (IL)	619,752	950	--	--	--	--	279	2	--	174	5
Central Iowa Power Coop	24,445	68	--	--	--	--	14	*	--	61	3
Fair Station (IA)	24,445	--	--	--	--	--	14	--	--	61	--
Summit Lake (IA)	--	68	--	--	--	--	--	*	--	--	3
Central Louisiana Elec Co, Inc	303,650	--	152,023	--	--	--	196	--	1,526	779	209
Coughlin (LA)	--	--	1,390	--	--	--	--	--	25	--	49
Dolet Hills (LA)	63,098	--	50	--	--	--	50	--	1	371	--
Franklin (LA)	--	--	--	--	--	--	--	--	--	--	--
Rodemacher (LA)	240,552	--	67,691	--	--	--	146	--	666	408	118
Teche (LA)	--	--	82,892	--	--	--	--	--	835	--	42
Central Maine Power Company	--	58,208	--	106,839	--	--	--	108	--	--	582
Andro Lower (ME)	--	--	--	-9	--	--	--	--	--	--	--
Androscoggin 3 (ME)	--	--	--	2,240	--	--	--	--	--	--	--
Automatic (ME)	--	--	--	294	--	--	--	--	--	--	--
Bar Mills (ME)	--	--	--	1,257	--	--	--	--	--	--	--
Bates Lower (ME)	--	--	--	-13	--	--	--	--	--	--	--
Bates Upper (ME)	--	--	--	103	--	--	--	--	--	--	--
Bonny Eagle (ME)	--	--	--	2,440	--	--	--	--	--	--	--
Brassua (ME)	--	--	--	--	--	--	--	--	--	--	--
Brunswick (ME)	--	--	--	6,389	--	--	--	--	--	--	--
C. E. Monty (ME)	--	--	--	9,027	--	--	--	--	--	--	--
Cape (ME)	--	-62	--	--	--	--	--	*	--	--	10
Cataract (ME)	--	--	--	54	--	--	--	--	--	--	--
Continental Mills (ME)	--	--	--	39	--	--	--	--	--	--	--
Deer Rips (ME)	--	--	--	2,571	--	--	--	--	--	--	--
Fort Halifax (ME)	--	--	--	423	--	--	--	--	--	--	--
Gulf Island (ME)	--	--	--	9,318	--	--	--	--	--	--	--
Harris (ME)	--	--	--	17,541	--	--	--	--	--	--	--
Hill Mill (ME)	--	--	--	22	--	--	--	--	--	--	--

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Central Maine Power Company											
Hiram (ME)	--	--	--	2,413	--	--	--	--	--	--	--
Islesboro (ME)	--	--	--	--	--	--	--	--	--	--	--
Mason (ME)	--	--	--	--	--	--	--	--	--	--	--
North Gorham (ME)	--	--	--	858	--	--	--	--	--	--	--
Oakland (ME)	--	--	--	1,197	--	--	--	--	--	--	--
Peaks Island (ME)	--	--	--	--	--	--	--	--	--	--	--
Rice Rips (ME)	--	--	--	671	--	--	--	--	--	--	--
Shawmut (ME)	--	--	--	4,142	--	--	--	--	--	--	--
Skelton (ME)	--	--	--	6,010	--	--	--	--	--	--	--
Union Gas (ME)	--	--	--	649	--	--	--	--	--	--	--
West Buxton (ME)	--	--	--	1,835	--	--	--	--	--	--	--
West Channel (MA)	--	--	--	-29	--	--	--	--	--	--	--
Weston (ME)	--	--	--	6,551	--	--	--	--	--	--	--
Williams (ME)	--	--	--	7,429	--	--	--	--	--	--	--
Wyman Hydro (ME)	--	--	--	23,417	--	--	--	--	--	--	--
Wyman, W F (ME)	--	58,270	--	--	--	--	--	108	--	--	572
Central Nebraska Pub Pwr & Irr											
Dist	--	--	-14	32,715	--	--	--	--	2	--	80
Canaday (NE)	--	--	-14	--	--	--	--	--	2	--	80
Jeffrey Canyon (NE)	--	--	--	11,108	--	--	--	--	--	--	--
Johnson No 1 (NE)	--	--	--	8,875	--	--	--	--	--	--	--
Johnson No 2 (NE)	--	--	--	11,379	--	--	--	--	--	--	--
Kingsley (NE)	--	--	--	1,353	--	--	--	--	--	--	--
Central Operating Company											
(AEP)	409,582	1,064	--	--	--	--	157	2	--	807	16
Sporn, Phil (WV)	409,582	1,064	--	--	--	--	157	2	--	807	16
Central Power & Light Co (CSW)											
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Bates, J L (TX)	--	--	78,579	--	--	--	--	--	840	--	40
Coleta Creek (TX)	428,868	7	--	--	--	--	198	*	--	222	9
Davis, Barney M (TX)	--	115	190,900	--	--	--	--	*	1,866	--	137
Eagle Pass (TX)	--	--	--	3,697	--	--	--	--	--	--	--
Hill, Lon C (TX)	--	26	187,582	--	--	--	--	*	1,892	--	66
Joslin, E S (TX)	--	--	72,782	--	--	--	--	--	724	--	51
La Palma (TX)	--	--	822	--	--	--	--	--	15	--	43
Laredo (TX)	--	--	63,788	--	--	--	--	--	643	--	21
Nueces Bay (TX)	--	--	84,554	--	--	--	--	--	852	--	62
Victoria (TX)	--	--	54,188	--	--	--	--	*	586	--	53
Central Vermont Pub Serv Corp											
Arnold Falls (VT)	--	-21	--	10,650	--	--	--	*	--	--	5
Ascutney (VT)	--	--	--	22	--	--	--	--	--	--	--
Bradford (VT)	--	-1	--	--	--	--	--	*	--	--	2
Carver Falls (NY)	--	--	--	163	--	--	--	--	--	--	--
Cavendish (VT)	--	--	--	484	--	--	--	--	--	--	--
Clarks Falls (VT)	--	--	--	351	--	--	--	--	--	--	--
East Barnet (VT)	--	--	--	947	--	--	--	--	--	--	--
Fairfax Falls (VT)	--	--	--	312	--	--	--	--	--	--	--
Gage (VT)	--	--	--	1,203	--	--	--	--	--	--	--
Glen (VT)	--	--	--	75	--	--	--	--	--	--	--
Lower Middlebury (VT)	--	--	--	480	--	--	--	--	--	--	--
Milton (VT)	--	--	--	543	--	--	--	--	--	--	--
Passumpsic (VT)	--	--	--	2,267	--	--	--	--	--	--	--
Patch (VT)	--	--	--	221	--	--	--	--	--	--	--
Peterson (VT)	--	--	--	37	--	--	--	--	--	--	--
Pierce Mills (VT)	--	--	--	1,530	--	--	--	--	--	--	--
Pittsford (VT)	--	--	--	79	--	--	--	--	--	--	--
Rutland (VT)	--	--	--	547	--	--	--	--	--	--	--
Salisbury (VT)	--	-11	--	--	--	--	--	*	--	--	3
Silver Lake (VT)	--	--	--	175	--	--	--	--	--	--	--
St Albans (VT)	--	--	--	380	--	--	--	--	--	--	--
Taftsville (VT)	--	-9	--	--	--	--	--	--	--	--	--
Weybridge (VT)	--	--	--	81	--	--	--	--	--	--	--
Weybridge (VT)	--	--	--	753	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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 ...	--	--	--	4,967	--	--	--	--	--	--	--
Centralia (WA)	--	--	--	4,967	--	--	--	--	--	--	--
Champion International	--	--	--	1,112	--	6,945	--	--	--	--	--
Lake Creek (MT)	--	--	--	1,112	--	--	--	--	--	--	--
Libby (MT)	--	--	--	--	--	6,945	--	--	--	--	--
Chanute City Of	--	20	151	--	--	--	--	*	1	--	*
Chanute (KS)	--	--	--	--	--	--	--	--	--	--	--
Chanute 2 (KS)	--	--	--	--	--	--	--	--	--	--	--
Chanute 3 (KS)	--	20	151	--	--	--	--	*	1	--	*
Chappell City Of	--	--	--	--	--	--	--	--	--	--	--
Chappell (NE)	--	--	--	--	--	--	--	--	--	--	--
Chelan County P U D No 1	--	--	--	433,518	--	--	--	--	--	--	--
Chelan (WA)	--	--	--	15,059	--	--	--	--	--	--	--
Rock Island (WA)	--	--	--	131,898	--	--	--	--	--	--	--
Rocky Reach (WA)	--	--	--	286,561	--	--	--	--	--	--	--
Cheyenne Lt, Fuel & Power Co ...	--	--	--	--	--	--	--	--	--	--	--
Snyder (WY)	--	--	--	--	--	--	--	--	--	--	--
Chillicothe Municipal Utilities	3,340	23	5	--	--	--	2	*	*	1	8
Beardmore (MO)	3,340	23	5	--	--	--	2	*	*	1	8
Chugach Electric Assn, Inc	--	--	166,850	34,409	--	--	--	--	1,814	--	10
Beluga (AK)	--	--	165,411	--	--	--	--	--	1,786	--	--
Bernice Lake (AK)	--	--	1,242	--	--	--	--	--	21	--	3
Bradley Lake (AK)	--	--	--	26,459	--	--	--	--	--	--	--
Cooper Lake (AK)	--	--	--	7,950	--	--	--	--	--	--	--
International (AK)	--	--	151	--	--	--	--	--	6	--	7
Soldotna (AK)	--	--	46	--	--	--	--	--	1	--	--
Cincinnati Gas & Electric Co	2,176,810	10,034	2,904	--	--	--	879	17	70	1,714	161
Beckjord, Walter C (OH)	510,181	1,651	--	--	--	--	209	3	--	311	19
Dicks Creek (OH)	--	9	274	--	--	--	--	*	9	--	3
East Bend (KY)	186,046	1,666	--	--	--	--	85	3	--	190	5
Miami Fort (OH)	566,873	2,004	--	--	--	--	230	3	--	540	18
W. H. Zimmer ()	113,710	4,704	--	--	--	--	354	8	--	673	18
Woodsdale (OH)	--	--	2,630	--	--	--	--	--	60	--	98
Citizens Utilities Co	--	4	--	1,043	--	--	--	*	--	--	*
Charleston (VT)	--	--	--	187	--	--	--	--	--	--	--
Newport (VT)	--	--	--	856	--	--	--	--	--	--	--
Newport Diesel (VT)	--	4	--	--	--	--	--	*	--	--	*
North Troy (VT)	--	--	--	--	--	--	--	--	--	--	--
Citizens Utilities Company	--	-27	--	--	--	--	--	--	--	--	1
Valencia (AZ)	--	-27	--	--	--	--	--	--	--	--	1
Clarksdale Water & Light De.	--	--	315	--	--	--	--	--	15	--	13
South (MS)	--	--	315	--	--	--	--	--	15	--	13
Third St (MS)	--	--	--	--	--	--	--	--	--	--	--
Clay Center Mun Lt & Water											
Plant	--	--	1,436	--	--	--	--	*	29	--	3
Claycenter (KS)	--	--	1,436	--	--	--	--	*	29	--	3
Cleveland Elec Illum Co, The	1,429,200	2,458	--	--	324,087	--	566	6	--	660	82
Ashtabula (OH)	234,165	379	--	--	--	--	100	1	--	146	1
Avon Lake (OH)	380,624	454	--	--	--	--	156	1	--	217	12
Eastlake (OH)	722,757	886	--	--	--	--	272	2	--	259	13
Lake Shore (OH)	91,654	739	--	--	--	--	38	1	--	38	57
Perry (OH)	--	--	--	--	324,087	--	--	--	--	--	--
Cleveland Publ Utils Dept	--	--	278	--	--	--	--	--	13	--	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, March 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)	--	--	278	--	--	--	--	--	12	--	2
Clinton Village Of	--	-7	--	--	--	--	--	*	*	--	*
Clinton (MI)	--	-7	--	--	--	--	--	*	*	--	*
Cloverland Electric Coop	--	-90	--	--	--	--	--	--	--	--	1
Dafter (MI)	--	-65	--	--	--	--	--	--	--	--	*
Detour (MI)	--	-25	--	--	--	--	--	--	--	--	*
Coffeyville Mun Lt Dept	--	--	588	--	--	--	--	--	12	--	--
Coffeyville (KS)	--	--	588	--	--	--	--	--	12	--	--
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	--	3	--	--	--	--	--	*	--	--	1
Coleman (TX)	--	3	--	--	--	--	--	*	--	--	1
Colorado Springs, City Of	250,945	43	88	--	--	--	121	*	2	389	41
Drake, Martin (CO)	110,384	--	133	--	--	--	59	--	2	66	5
George Birdsal (CO)	--	--	-45	--	--	--	--	--	*	--	34
Manitou (CO)	--	--	--	--	--	--	--	--	--	--	--
Ray D. Nixon (CO)	140,561	43	--	--	--	--	62	*	--	323	2
Ruxton (CO)	--	--	--	--	--	--	--	--	--	--	--
Columbia Water & Light Dept	8,114	--	--	--	--	--	4	--	--	2	2
Columbia (MO)	8,114	--	--	--	--	--	4	--	--	2	2
Columbus & Southern Ohio Elec Co	636,804	719	--	--	--	--	283	1	--	779	12
Conesville (OH)	611,898	404	--	--	--	--	274	1	--	707	11
Picway (OH)	24,906	315	--	--	--	--	9	*	--	72	1
Columbus City Of	600	--	--	--	--	22,226	1	--	--	23	--
Municipal Electric (OH)	600	--	--	--	--	22,226	1	--	--	23	--
O Shaughnessy (OH)	--	--	--	--	--	--	--	--	--	--	--
Commonwealth Edison Co Of Indiana	196,060	--	4,321	--	--	--	107	--	42	221	--
State Line (IN)	196,060	--	4,321	--	--	--	107	--	42	221	--
Commonwealth Edison Company (CES)	1,792,562	96,641	35,753	964	5,278,093	--	1,066	255	382	3,943	763
Bloom (IL)	--	--	--	--	--	--	--	--	--	--	--
Braidwood (IL)	--	--	--	--	913,243	--	--	--	--	--	--
Byron (IL)	--	--	--	--	819,701	--	--	--	--	--	--
Calumet (IL)	--	--	4	--	--	--	--	--	*	--	8
Collins (IL)	--	79,372	--	--	--	--	--	225	--	--	664
Crawford (IL)	87,582	--	6,054	--	--	--	56	--	67	208	6
Dixon (IL)	--	--	--	964	--	--	--	--	--	--	--
Dresden (IL)	--	--	--	--	-8,999	--	--	--	--	--	--
Electric Junction (IL)	--	--	75	--	--	--	--	--	1	--	17
Fisk Street (IL)	95,265	220	8,134	--	--	--	57	1	88	135	11
Joliet (IL)	144,384	35	2,488	--	--	--	77	*	25	223	15
Joliet 7 & 8 (IL)	238,976	--	17,777	--	--	--	140	--	186	639	2
Kincaid (IL)	394,612	--	360	--	--	--	221	--	4	431	--
Lasalle (IL)	--	--	--	--	1,405,664	--	--	--	--	--	--
Lombard (IL)	--	--	--	--	--	--	--	--	--	--	10
Powerton (IL)	272,509	--	861	--	--	--	199	--	11	1,378	--

See footnotes at end of table

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Commonwealth Edison Company (CES)											
Quad-cities (IL)	--	--	--	--	635,319	--	--	--	--	--	--
Sabrooke (IL)	--	43	--	--	--	--	--	*	--	--	11
Waukegan (IL)	124,091	4,017	--	--	--	--	72	7	--	374	15
Will County (IL)	435,143	12,954	--	--	--	--	245	22	--	555	4
Zion (IL)	--	--	--	--	1,513,165	--	--	--	--	--	--
Commonwealth Energy System (CES)											
Airport Diesel (MA)	--	308,297	6,510	--	--	--	--	445	57	--	236
Blackstone Street (MA)	--	2	--	--	--	--	--	*	--	--	*
Canal (MA)	--	305,909	--	--	--	--	--	442	--	--	3
Cannon Street (MA)	--	--	--	--	--	--	--	--	--	--	187
Kendall Square (MA)	--	2,381	6,510	--	--	--	--	3	57	--	43
Oak Bluffs (MA)	--	5	--	--	--	--	--	*	--	--	1
West Tisbury (MA)	--	--	--	--	--	--	--	--	--	--	2
Connecticut Light & Power Co (NU)											
Bantam (CT)	--	205,322	1,182	34,471	--	32,697	--	349	20	--	1,188
Branford (CT)	--	--	--	118	--	--	--	--	--	--	--
Bulls Bridge (CT)	--	6	--	--	--	--	--	*	--	--	1
Cos Cob (CT)	--	--	--	3,825	--	--	--	--	--	--	--
Devon (CT)	--	46	--	--	--	--	--	*	--	--	6
Falls Village (CT)	--	24,226	--	--	--	--	--	46	--	--	202
Franklin (CT)	--	--	--	3,526	--	--	--	--	--	--	--
Middletown (CT)	--	-16	--	--	--	--	--	--	--	--	1
Montville (CT)	--	89,502	--	--	--	--	--	152	--	--	441
Norwalk Harbor (CT)	--	4,175	1,182	--	--	--	--	12	20	--	277
Robertsville (CT)	--	86,961	--	--	--	--	--	139	--	--	210
Rocky River (CT)	--	--	--	105	--	--	--	--	--	--	--
Scotland (CT)	--	--	--	-4 019	--	--	--	--	--	--	--
Shepaug (CT)	--	--	--	5,426	--	--	--	--	--	--	--
South Meadow (CT)	--	--	--	13,006	--	--	--	--	--	--	--
Stevenson (CT)	--	415	--	--	--	32,697	--	1	--	--	48
Taftville (CT)	--	--	--	10,356	--	--	--	--	--	--	--
Torrington (CT)	--	--	--	896	--	--	--	--	--	--	--
Tunnel (CT)	--	-12	--	--	--	--	--	--	--	--	1
Haddam Neck (CT)	--	19	--	1,232	--	--	--	*	--	--	1
Connecticut Yankee Atomic Pwr Co											
Haddam Neck (CT)	--	--	--	--	379,189	--	--	--	--	--	--
Consolidated Edison Co Of N Y, Inc											
* Central Storage *	--	459,112	642,855	--	-3,114	--	--	749	6,473	--	2,522
Arthur Kill (NY)	--	--	--	--	--	--	--	--	--	--	1,760
Astoria (NY)	--	115	-1,644	--	--	--	--	*	20	--	20
Buchanan (NY)	--	86,227	262,275	--	--	--	--	148	2,756	--	261
East River (NY)	--	266	--	--	--	--	--	1	--	--	4
Gowanus (NY)	--	33,039	4,364	--	--	--	--	68	56	--	158
Hudson Avenue (NY)	--	1,995	--	--	--	--	--	5	--	--	63
Indian Point (NY)	--	29,703	--	--	--	--	--	38	--	--	107
Narrows (NY)	--	130	--	--	-3,114	--	--	*	--	--	1
Ravenswood (NY)	--	1,170	805	--	--	--	--	3	12	--	58
Waterside (NY)	--	278,699	295,752	--	--	--	--	432	2,879	--	61
59Th Street (NY)	--	7,124	81,303	--	--	--	--	11	751	--	1
74Th Street (NY)	--	11,950	--	--	--	--	--	29	--	--	26
Consolidated Water Power Company	--	8,694	--	--	--	--	--	14	--	--	2
Biron (WI)	--	--	--	11,426	--	--	--	--	--	--	--
Du Bay (WI)	--	--	--	2,103	--	--	--	--	--	--	--
Stevens Point (WI)	--	--	--	3,332	--	--	--	--	--	--	--
Wisconsin Rapids (WI)	--	--	--	2,567	--	--	--	--	--	--	--
Wisconsin River Di (WI)	--	--	--	2,958	--	--	--	--	--	--	--
	--	--	--	466	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	1,276,688	27,705	1,234	-34,110	628,781	--	514	62	20	703	163
Alcona (MI)	--	--	--	2,441	--	--	--	--	--	--	--
Allegan Dam (MI)	--	--	--	1,416	--	--	--	--	--	--	--
Big Rock Point (MI)	--	--	--	--	40,683	--	--	--	--	--	--
Campbell, J H (MI)	534,792	2,335	--	--	--	--	205	4	--	363	6
Cobb, B C (MI)	69,172	152	629	--	--	--	32	*	6	108	--
Cooke (MI)	--	--	--	2,413	--	--	--	--	--	--	--
Croton (MI)	--	--	--	4,316	--	--	--	--	--	--	--
Five Channels (MI)	--	--	--	2,237	--	--	--	--	--	--	--
Foots (MI)	--	--	--	2,754	--	--	--	--	--	--	--
Gaylord (MI)	--	--	84	--	--	--	--	--	4	--	--
Hardy (MI)	--	--	--	8,833	--	--	--	--	--	--	--
Hodanpyl (MI)	--	--	--	2,976	--	--	--	--	--	--	--
Karn, D E (MI)	328,916	25,033	--	--	--	--	132	58	--	96	155
Loud (MI)	--	--	--	1,728	--	--	--	--	--	--	--
Ludington (MI)	--	--	--	-74,419	--	--	--	--	--	--	--
Mio (MI)	--	--	--	1,349	--	--	--	--	--	--	--
Morrow, B E (MI)	--	--	103	--	--	--	--	--	2	--	--
Palisades (MI)	--	--	--	--	588,098	--	--	--	--	--	--
Rogers (MI)	--	--	--	2,935	--	--	--	--	--	--	--
Straits (MI)	--	--	50	--	--	--	--	--	1	--	--
Thetford (MI)	--	--	317	--	--	--	--	--	7	--	--
Tippy, C W (MI)	--	--	--	5,299	--	--	--	--	--	--	--
Weadock, J C (MI)	203,776	--	51	--	--	--	86	--	1	68	--
Webber (MI)	--	--	--	1,610	--	--	--	--	--	--	--
Whiting, J R (MI)	140,032	185	--	--	--	--	59	*	--	68	3
Coon Rapids Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Coon Rapids (IA)	--	--	--	--	--	--	--	--	--	--	1
Cooperative Power Association ..	752,554	182	--	--	--	--	674	*	--	609	34
Bonifacius (MN)	--	--	--	--	--	--	--	*	--	--	7
Coal Creek (ND)	752,554	182	--	--	--	--	674	*	--	609	27
Copper Valley Electric Assn, Inc ..	--	3,941	--	2,210	--	--	--	7	--	--	2
Glennallen (AK)	--	3,089	--	--	--	--	--	5	--	--	1
Valdez (AK)	--	--	--	2,210	--	--	--	--	--	--	--
Valdez (AK)	--	852	--	--	--	--	--	2	--	--	1
Cordova City Of	--	1,566	--	67	--	--	--	3	--	--	1
Cordova (AK)	--	602	--	--	--	--	--	1	--	--	*
Humpback Creek (AK)	--	--	--	67	--	--	--	--	--	--	--
Ocean Dock (AK)	--	964	--	--	--	--	--	2	--	--	1
Corn Belt Power Coop	-169	--	--	--	--	--	--	--	--	23	--
Humboldt (IA)	-62	--	--	--	--	--	--	--	--	--	--
Wisdom, Earl F (IA)	-107	--	--	--	--	--	--	--	--	23	--
Corning Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Corning (IA)	--	--	--	--	--	--	--	--	--	--	--
Craig-Botetourt Electric Coop	--	--	--	116	--	--	--	--	--	--	--
New Castle (VA)	--	--	--	116	--	--	--	--	--	--	--
Crawfordsville Elec Lt & Pwr Util ..	3,287	--	--	--	--	--	3	--	--	1	--
Crawfordsville (IN)	3,287	--	--	--	--	--	3	--	--	1	--
Crete City Of	--	28	148	--	--	--	--	*	2	--	2
Crete (NE)	--	28	148	--	--	--	--	*	2	--	2
Crisp County Power Commission ..	--	--	--	7,883	--	--	*	--	*	3	--
Crisp (GA)	--	--	--	--	--	--	*	--	*	3	--
Warwick (GA)	--	--	--	7,883	--	--	--	--	--	--	--
Crystal Falls City Of (Lt & Wtr)	--	--	--	278	--	--	--	--	--	--	--
Crystal Falls (MI)	--	--	--	278	--	--	--	--	--	--	--
Culpeper Town Of	--	17	18	--	--	--	--	*	*	--	1
Culpeper (VA)	--	17	18	--	--	--	--	*	*	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	--	6	5	--	--	--	--	*	*	--	1
Cumberland (WI)	--	6	5	--	--	--	--	*	*	--	1
Curtis City Of	--	--	--	--	--	--	--	--	--	--	--
Curtis (NE)	--	--	--	--	--	--	--	--	--	--	--
Cushing City Of	--	3	23	--	--	--	--	*	*	--	1
Cushing (OK)	--	3	23	--	--	--	--	*	*	--	1
Dahlberg Light & Power Co	--	--	--	216	--	--	--	--	--	--	*
Gordon (WI)	--	--	--	58	--	--	--	--	--	--	*
Nancy (WI)	--	--	--	158	--	--	--	--	--	--	*
Solon Diesel (WI)	--	--	--	--	--	--	--	--	--	--	*
Dairyland Power Cooperative	371,267	1,249	--	4,442	--	--	203	3	--	575	6
Alma (WI)	69,353	107	--	--	--	--	39	*	--	77	*
Flambeau (WI)	--	--	--	4,442	--	--	--	--	--	--	--
Genoa (WI)	162,237	347	--	--	--	--	71	1	--	386	6
J P Madgett (WI)	133,122	584	--	--	--	--	90	1	--	86	*
Stoneman (WI)	6,555	211	--	--	--	--	4	*	--	26	--
Danville Water, Gas & Elec Dept ..	--	--	--	5,076	--	--	--	--	--	--	--
Pinnacles (VA)	--	--	--	5,076	--	--	--	--	--	--	--
Dayton Light & Power	--	--	--	--	--	--	--	--	--	--	--
Dayton (IA)	--	--	--	--	--	--	--	--	--	--	--
Dayton Power & Light Company,											
The	1,284,604	1,778	2,184	--	--	--	540	3	26	1,066	42
Frank M Tait (OH)	--	63	--	--	--	--	--	*	--	--	1
Hutchings (OH)	41,867	54	2,097	--	--	--	21	*	25	39	1
Killen Station (OH)	435,913	792	--	--	--	--	180	1	--	52	32
Monument (OH)	--	112	--	--	--	--	--	*	--	--	*
Sidney (OH)	--	89	--	--	--	--	--	*	--	--	*
Stuart, J M (OH)	806,824	264	--	--	--	--	338	*	--	974	2
Yankee Street (OH)	--	404	87	--	--	--	--	1	1	--	5
Delano Municipal Power Plant	--	--	--	--	--	--	--	--	--	--	2
Delano (MN)	--	--	--	--	--	--	--	--	--	--	2
Delmarva Power & Light Co. Of											
Del	522,123	229,460	22,622	--	--	--	214	385	235	329	579
Bayview (VA)	--	50	--	--	--	--	--	*	--	--	2
Christiana (DE)	--	10	--	--	--	--	--	*	--	--	14
Crisfield (MD)	--	87	--	--	--	--	--	*	--	--	*
Delaware City (DE)	--	-5	--	--	--	--	--	--	--	--	6
Edge Moor (DE)	121,960	169,980	17,066	--	--	--	50	271	166	64	267
Hay Road (DE)	--	3,401	5,556	--	--	--	--	7	69	--	91
Indian River (DE)	400,163	2,916	--	--	--	--	164	5	--	265	10
Madison Street (DE)	--	-18	--	--	--	--	--	--	--	--	1
Tasley (VA)	--	-42	--	--	--	--	--	--	--	--	10
Vienna (MD)	--	53,092	--	--	--	--	--	101	--	--	176
West Substation (DE)	--	-11	--	--	--	--	--	*	--	--	1
Delta City Of	--	3	32	--	--	--	--	*	*	--	*
Delta (CO)	--	3	32	--	--	--	--	*	*	--	*
Denison Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Denison (IA)	--	--	--	--	--	--	--	--	--	--	--
Denton Municipal Utilities	--	--	20,408	2,455	--	--	--	--	238	--	30
Lewisdale (TX)	--	--	--	1,742	--	--	--	--	--	--	--
Roberts (TX)	--	--	--	713	--	--	--	--	--	--	--
Spencer (TX)	--	--	20,408	--	--	--	--	--	238	--	30
Denver City & County Of	--	--	--	3,338	--	--	--	--	--	--	--
Blue River (CO)	--	--	--	1,165	--	--	--	--	--	--	--
Foothills (CO)	--	--	--	218	--	--	--	--	--	--	--

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Denver City & County Of											
Roberts Tunnel (CO)	--	--	--	1,440	--	--	--	--	--	--	--
Strontia Sprgs (CO)	--	--	--	332	--	--	--	--	--	--	--
Williams Fork (CO)	--	--	--	183	--	--	--	--	--	--	--
Deseret Generating &											
Transmission	89,922	714	--	--	--	--	42	1	--	366	4
Bonanza (UT)	89,922	714	--	--	--	--	42	1	--	366	4
Deshler Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Deshler (NE)	--	--	--	--	--	--	--	--	--	--	*
Detroit City Of (Pub Lighting Dept)	--	11,170	6,264	--	--	--	--	28	94	--	75
Mistersky (MI)	--	11,170	6,264	--	--	--	--	28	94	--	75
Detroit Edison Company, The	3,005,077	26,730	27,482	--	825,368	--	1,452	52	1,092	5,340	355
* Central Storage	--	--	--	--	--	--	--	--	--	2,758	--
Beacon Heating (MI)	--	--	10,788	--	--	--	--	--	46	--	7
Belle River (MI)	386,096	1,287	--	--	--	--	218	2	--	--	10
Colfax (MI)	--	-27	--	--	--	--	--	*	--	--	1
Conners Creek (MI)	--	-9	--	--	--	--	--	*	--	--	*
Dayton (MI)	--	-46	--	--	--	--	--	--	--	--	*
Enrico Fermi (MI)	--	84	--	--	825,368	--	--	*	--	--	4
Greenwood (MI)	--	642	894	--	--	--	--	5	38	--	264
Hancock (MI)	--	--	265	--	--	--	--	--	5	--	--
Harbor Beach (MI)	21,123	398	--	--	--	--	10	1	--	8	*
Marysville (MI)	19,370	--	1,262	--	--	--	10	--	16	8	--
Monroe (MI)	1,459 067	8,378	--	--	--	--	648	14	--	1,148	8
Northeast (MI)	--	-20	153	--	--	--	--	*	4	--	2
Oliver (MI)	--	-25	--	--	--	--	--	*	--	--	1
Placid (MI)	--	-34	--	--	--	--	--	*	--	--	1
Putnam (MI)	--	16	--	--	--	--	--	*	--	--	1
River Rouge (MI)	235,234	-15	12,143	--	--	--	100	*	963	47	*
Slocum (MI)	--	10	--	--	--	--	--	*	--	--	*
St. Clair (MI)	591,036	14,923	1,977	--	--	--	334	27	20	1,302	42
Superior (MI)	--	50	--	--	--	--	--	*	--	--	2
Trenton Channel (MI)	293,151	1,155	--	--	--	--	131	2	--	70	10
Wilmott (MI)	--	-37	--	--	--	--	--	*	--	--	1
Detroit Lakes City Of											
Detroit Lakes (MN)	--	--	--	--	--	--	--	--	--	--	--
Douglas County Pud No 1	--	--	--	213,310	--	--	--	--	--	--	--
Wells (WA)	--	--	--	213,310	--	--	--	--	--	--	--
Dover Elec Lt & Power Plant	4,662	--	--	--	--	--	4	--	--	1	*
Dover (OH)	4,662	--	--	--	--	--	4	--	--	1	*
Dover Electric Department	--	30,690	1,574	--	--	--	--	58	18	--	12
Mckee Run (DE)	--	30,341	1,574	--	--	--	--	57	18	--	9
Van Sant (DE)	--	349	--	--	--	--	--	1	--	--	3
Dowagiac Dept Of Public Service	--	60	110	--	--	--	--	*	1	--	*
Dowagiac (MI)	--	60	110	--	--	--	--	*	1	--	*
Duke Power Company	2,703,122	7,339	11	297,712	3,823,184	--	1,014	20	*	1,946	96
Allen (NC)	157,400	891	--	--	--	--	65	2	--	405	1
Bad Creek (SC)	--	--	--	-32,886	--	--	--	--	--	--	--
Belews Creek (NC)	1,358,156	790	--	--	--	--	502	1	--	485	5
Boyd's Mill (SC)	--	--	--	957	--	--	--	--	--	--	--
Bridgewater (NC)	--	--	--	7,887	--	--	--	--	--	--	--
Buck (NC)	12,293	931	--	--	--	--	6	2	*	65	11
Buzzard Roost (SC)	--	988	--	9,015	--	--	--	3	--	--	31
Catawba (NC)	--	--	--	--	832,677	--	--	--	--	--	--
Cedar Creek (SC)	--	--	--	23,580	--	--	--	--	--	--	--
Cliffside (NC)	164,457	574	--	--	--	--	66	1	--	163	2
Cowans Ford (NC)	--	--	--	35,976	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	12,927	-13	--	--	--	--	6	1	--	68	13
Dearborn (SC)	--	--	--	12,373	--	--	--	--	--	--	--
Fishing Creek (SC)	--	--	--	28,680	--	--	--	--	--	--	--
Gaston Shoals (SC)	--	--	--	1,422	--	--	--	--	--	--	--
Great Falls (SC)	--	--	--	14,700	--	--	--	--	--	--	--
Hollidays Bridge (SC)	--	--	--	2,122	--	--	--	--	--	--	--
Idols (NC)	--	--	--	89	--	--	--	--	--	--	--
Jocassee (SC)	--	--	--	9,187	--	--	--	--	--	--	--
Keowee (SC)	--	--	--	13,611	--	--	--	--	--	--	--
Lee (SC)	23,533	409	--	--	--	--	10	3	--	116	10
Lookout Shoals (NC)	--	--	--	12,730	--	--	--	--	--	--	--
Marshall (NC)	894,434	2,447	--	--	--	--	326	4	--	499	5
Mc Guire (NC)	--	--	--	--	1,092,916	--	--	--	--	--	--
Mountain Island (NC)	--	--	--	21,035	--	--	--	--	--	--	--
Oconee (SC)	--	--	--	--	1,897,591	--	--	--	--	--	--
Oxford (NC)	--	--	--	14,418	--	--	--	--	--	--	--
Rhodhiss (NC)	--	--	--	12,244	--	--	--	--	--	--	--
Riverbend (NC)	79,922	310	11	--	--	--	33	3	*	144	13
Rocky Creek (SC)	--	--	--	10,813	--	--	--	--	--	--	--
Saluda (SC)	--	--	--	1,322	--	--	--	--	--	--	--
Spencer Mountain (NC)	--	--	--	189	--	--	--	--	--	--	--
Stice Shoals (NC)	--	--	--	265	--	--	--	--	--	--	--
Turner Shoals (NC)	--	--	--	2,501	--	--	--	--	--	--	--
Tuxedo (NC)	--	--	--	2,760	--	--	--	--	--	--	--
Urquhart (SC)	--	12	--	--	--	--	--	*	--	--	4
Wateree (SC)	--	--	--	51,402	--	--	--	--	--	--	--
Wylie (SC)	--	--	--	31,829	--	--	--	--	--	--	--
99 Islands (SC)	--	--	--	9,491	--	--	--	--	--	--	--
Duquesne Light Company	435,776	-370	6,325	--	1,017,582	--	186	2	64	500	60
Beaver Valley (PA)	--	--	--	--	1,017,582	--	--	--	--	--	--
Brunot Island (PA)	--	-822	--	--	--	--	--	1	--	--	59
Cheswick (PA)	210,260	--	6,325	--	--	--	85	--	64	328	--
Elrama (PA)	225,516	452	--	--	--	--	102	1	--	172	1
Phillips, F (PA)	--	--	--	--	--	--	--	--	--	--	--
Durant Municipal Electric Plant	--	--	--	--	--	--	--	--	--	--	*
Durant (IA)	--	--	--	--	--	--	--	--	--	--	*
East Bay Mun Utility District	--	--	--	23,930	--	--	--	--	--	--	--
Camanche (CA)	--	--	--	3,110	--	--	--	--	--	--	--
Pardee (CA)	--	--	--	20,820	--	--	--	--	--	--	--
East Kentucky Power Cooperative	693,659	281	--	--	--	--	290	1	--	419	5
Cooper (KY)	196,679	124	--	--	--	--	82	*	--	77	*
Dale (KY)	87,221	134	--	--	--	--	43	*	--	31	*
Spurlock, H L (KY)	409,759	23	--	--	--	--	165	*	--	312	5
Eastern Maine Elec Coop, Inc	--	-2	--	--	--	--	--	*	--	--	*
Portable (ME)	--	--	--	--	--	--	--	--	--	--	--
River Street (ME)	--	-2	--	--	--	--	--	*	--	--	*
Easton Utilities Commission, The	--	2,751	551	--	--	--	--	4	5	--	12
Easton (MD)	--	796	489	--	--	--	--	1	5	--	6
Easton No. 2 (MD)	--	1,355	62	--	--	--	--	2	*	--	6
Edison Sault Electric Co	--	--	--	16,466	--	--	--	*	--	--	*
Edison Sault (MI)	--	--	--	16,466	--	--	--	*	--	--	*
Manistique (MI)	--	--	--	--	--	--	--	--	--	--	--
Egegik Light & Power Company	--	33	--	--	--	--	--	*	--	--	--
Egegik (AK)	--	33	--	--	--	--	--	*	--	--	--
El Paso Electric Company	--	--	160,480	--	--	--	--	--	1,847	--	169
Copper (TX)	--	--	10,343	--	--	--	--	--	142	--	7
Newman (TX)	--	--	61,225	--	--	--	--	--	718	--	102
Rio Grande (NM)	--	--	88,912	--	--	--	--	--	987	--	61

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	665,807	299	--	--	--	--	315	1	--	423	1
Joppa Steam (IL)	665,807	299	--	--	--	--	315	1	--	423	1
Elk River Municipal Utilities	--	6	--	--	--	--	--	*	--	--	*
Elk River (MN)	--	6	--	--	--	--	--	*	--	--	*
Ellinwood Lt & Water	--	--	--	--	--	--	--	--	--	--	--
Ellinwood (KS)	--	--	--	--	--	--	--	--	--	--	--
Elroy City Of	--	-2	--	--	--	--	--	*	--	--	*
Elroy (WI)	--	-2	--	--	--	--	--	*	--	--	*
Emerson Light & Power Plant	--	1	17	--	--	--	--	*	*	--	*
Emerson (NE)	--	1	17	--	--	--	--	*	*	--	*
Empire District Electric Co	138,092	421	1,707	11,266	--	--	86	2	28	162	47
Asbury (MO)	101,384	199	--	--	--	--	65	*	--	109	1
Energy Center (MO)	--	222	--	--	--	--	--	1	--	--	23
Ozark Beach (MO)	--	--	--	11,266	--	--	--	--	--	--	--
Riverton (KS)	36,708	--	1,707	--	--	--	21	--	28	52	23
Enosburg Falls Inc Village Of	--	1	--	272	--	--	--	*	--	--	*
Diesel Plt (VT)	--	1	--	--	--	--	--	*	--	--	*
Kendall (VT)	--	--	--	67	--	--	--	--	--	--	--
Village Plt (VT)	--	--	--	205	--	--	--	--	--	--	--
Ephraim City Corporation	--	--	--	152	--	--	--	--	--	--	--
No 1 (UT)	--	--	--	40	--	--	--	--	--	--	--
No. 3 (UT)	--	--	--	97	--	--	--	--	--	--	--
No.4 (UT)	--	--	--	15	--	--	--	--	--	--	--
Erie Water & Light	--	--	--	--	--	--	--	--	--	--	--
Erie (KS)	--	--	--	--	--	--	--	--	--	--	--
Escondido Mutual Wtr Co	--	--	--	334	--	--	--	--	--	--	--
Bear Valley (CA)	--	--	--	334	--	--	--	--	--	--	--
Rincon Pwr (CA)	--	--	--	--	--	--	--	--	--	--	--
Estherville City Of	--	2	--	--	--	--	--	*	*	--	2
Esterville (IA)	--	2	--	--	--	--	--	*	*	--	2
Eugene City Of	--	--	--	45,139	--	4,646	--	--	--	--	--
Carmen (OR)	--	--	--	30,787	--	--	--	--	--	--	--
Leaburg (OR)	--	--	--	8,935	--	--	--	--	--	--	--
Walterville (OR)	--	--	--	5,417	--	--	--	--	--	--	--
Willamette (OR)	--	--	--	--	--	4,646	--	--	--	--	--
Fairbanks Mun Utilities System	12,125	--	--	--	--	--	12	--	--	5	1
Chena (AK)	12,125	--	--	--	--	--	12	--	--	5	1
Fairbury Light & Water Dept	--	--	--	--	--	--	--	--	--	--	*
Fairbury (NE)	--	--	--	--	--	--	--	--	--	--	*
Fairfax Mun Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Fairfax (MN)	--	--	--	--	--	--	--	--	--	--	--
Fairfield Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Fairfield (IL)	--	--	--	--	--	--	--	--	--	--	--
Fairmont Pub Util Comm	-33	-33	--	--	--	--	--	--	--	2	1
Fairmont (MN)	-33	-33	--	--	--	--	--	--	--	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, March 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	--	--	--	2	--	--	--	--	--	--	--
Felt (ID)	--	--	--	2	--	--	--	--	--	--	--
New Felt (ID)	--	--	--	--	--	--	--	--	--	--	--
Falls City Water & Light Dept	--	8	79	--	--	--	--	*	1	--	*
Falls City (NE)	--	8	79	--	--	--	--	*	1	--	*
Farmer City City Of	--	9	14	--	--	--	--	*	*	--	*
Farmer City (IL)	--	9	14	--	--	--	--	*	*	--	*
Farmington City Of	--	--	2,764	8,610	--	--	--	--	42	--	--
Animas (NM)	--	--	2,764	1	--	--	--	--	42	--	--
Navajo (NM)	--	--	--	8,609	--	--	--	--	--	--	--
Farmington River Pwr Co	--	--	--	3,445	--	--	--	--	--	--	--
Rainbow (CT)	--	--	--	3,445	--	--	--	--	--	--	--
Fayette Water & Light Plant	--	7	--	--	--	--	--	*	--	--	*
Fayette (MO)	--	7	--	--	--	--	--	*	--	--	*
Fayetteville, Pub Works Comm	--	--	--	--	--	--	--	--	--	--	--
Of	--	3,390	12,210	--	--	--	--	9	140	--	52
Pod #2 (NC)	--	3,390	12,210	--	--	--	--	9	140	--	52
Fennimore Municipal Utilities	--	33	--	--	--	--	--	*	--	--	*
Fennimore (WI)	--	33	--	--	--	--	--	*	--	--	*
Fishers Is Elec Corp (the)	--	--	--	--	--	--	--	--	--	--	--
Fishers Isl (NY)	--	--	--	--	--	--	--	--	--	--	--
Fitchburg Gas & Elec Light Co	--	27	--	--	--	--	--	*	--	--	1
Fitchburg (MA)	--	27	--	--	--	--	--	*	--	--	1
Florida Keys Elec Coop Assn Inc	--	17	--	--	--	--	--	*	--	--	4
Marathon (FL)	--	17	--	--	--	--	--	*	--	--	4
Florida Power & Light Company	--	1,473,024	806,052	--	1,637,053	--	--	2,253	8,083	--	3,418
Cape Canaveral (FL)	--	206,019	116,002	--	--	--	--	304	1,173	--	209
Cutler (FL)	--	--	2,431	--	--	--	--	--	37	--	--
Fort Meyers (FL)	--	230,879	--	--	--	--	--	345	--	--	356
Lauderdale (FL)	--	-1,102	6,369	--	--	--	--	1	109	--	114
Manatee (FL)	--	383,654	--	--	--	--	--	597	--	--	818
Martin (FL)	--	13,400	9,804	--	--	--	--	25	146	--	816
Port Everglades (FL)	--	288,756	260,185	--	--	--	--	432	2,694	--	208
Putnam (FL)	--	8	273,351	--	--	--	--	*	2,465	--	31
Riviera (FL)	--	179,606	1,038	--	--	--	--	278	18	--	220
Sanford (FL)	--	110,932	57,575	--	--	--	--	177	613	--	458
St. Lucie (FL)	--	--	--	--	639,605	--	--	--	--	--	--
Turkey Point (FL)	--	60,872	79,297	--	997,448	--	--	94	828	--	188
Florida Power Corporation	1,096,985	747,751	4,791	--	51,062	--	416	1,229	52	830	1,130
* Central Storage	--	--	--	--	--	--	--	--	--	--	230
Anclote (FL)	--	443,282	--	--	--	--	--	673	--	--	259
Avon Park (FL)	--	2,251	220	--	--	--	--	6	3	--	8
Bartow, P L (FL)	--	143,604	--	--	--	--	--	235	--	--	157
Bayboro (FL)	--	10,332	--	--	--	--	--	23	--	--	32
Crystal River (FL)	1,096,985	5,052	--	--	51,062	--	416	8	--	830	16
Debarry (FL)	--	30,015	--	--	--	--	--	70	--	--	104
Higgins (FL)	--	15,531	708	--	--	--	--	33	9	--	57
Intercession City (FL)	--	13,020	--	--	--	--	--	29	--	--	57
Port St. Joe (FL)	--	251	--	--	--	--	--	1	--	--	3
Rio Pinar (FL)	--	187	--	--	--	--	--	*	--	--	2
Suwannee River (FL)	--	38,852	--	--	--	--	--	74	--	--	98
Turner, G E (FL)	--	45,374	3,863	--	--	--	--	76	39	--	108
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, March 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	--	125	--	--	--	--	--	*	--	--	5
Forest City (IA)	--	125	--	--	--	--	--	*	--	--	5
Fort Pierce Utilities Authority	--	--	22,481	--	--	--	--	--	244	--	34
King (FL)	--	--	22,481	--	--	--	--	--	244	--	34
Franklin Mun Lt & Wtr Plant	--	--	5	--	--	--	--	*	*	--	*
Franklin (NE)	--	--	5	--	--	--	--	*	*	--	*
Fredonia Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Fredonia (KS)	--	--	--	--	--	--	--	--	--	--	--
Freeburg Mun Light Plant	--	2	--	--	--	--	--	*	--	--	*
Freeburg (IL)	--	2	--	--	--	--	--	*	--	--	*
Freeport Electric Power System	--	1,280	--	--	--	--	--	3	--	--	12
Plant No 1 (NY)	--	466	--	--	--	--	--	1	--	--	1
Plant No 2 (NY)	--	814	--	--	--	--	--	2	--	--	11
Fremont Dept Of Utilities	26,317	8	631	--	--	--	17	*	8	38	2
Lon Wright (NE)	26,317	8	631	--	--	--	17	*	8	38	2
Fulton City Of	--	-123	--	--	--	--	--	*	*	--	2
Fulton (MO)	--	-123	--	--	--	--	--	*	*	--	2
Graineville Regional Utilities	38,527	344	38,072	--	--	--	16	1	439	77	113
Deerhaven (FL)	38,527	310	24,464	--	--	--	16	1	252	77	71
Kelly, J R (FL)	--	34	13,608	--	--	--	--	*	187	--	41
Gallatin Light & Water Works	--	--	--	--	--	--	--	--	--	--	--
Gallatin (MO)	--	--	--	--	--	--	--	--	--	--	--
Garkane Power Assn, Inc	--	--	--	1,713	--	--	--	--	--	--	--
Boulder (UT)	--	--	--	1,713	--	--	--	--	--	--	--
Garland City Of	--	--	103,109	--	--	--	--	--	1,115	--	183
Newman, C E (TX)	--	--	3,908	--	--	--	--	--	53	--	20
Olinger, Ray (TX)	--	--	99,201	--	--	--	--	--	1,062	--	163
Garnett City Of	--	31	--	--	--	--	--	*	--	--	1
Garnett (KS)	--	31	--	--	--	--	--	*	--	--	1
Geneseo Municipal Utilities	--	--	--	--	--	--	--	*	--	--	*
Geneseo (IL)	--	--	--	--	--	--	--	*	--	--	*
Georgia Power Co (SC)	5,454,634	7,042	372	300,040	1,413,181	--	2,181	17	7	4,886	421
Arkwright (GA)	3,814	48	11	--	--	--	2	*	1	56	14
Atkinson (GA)	--	255	58	--	--	--	--	2	3	--	93
Barnett Shoals (GA)	--	--	--	774	--	--	--	--	--	--	--
Bartlett Ferry (GA)	--	--	--	71,129	--	--	--	--	--	--	--
Bowen (GA)	1,699,447	38	--	--	--	--	652	*	--	1,094	13
Burton (GA)	--	--	--	2,705	--	--	--	--	--	--	--
Estatoah (GA)	--	--	--	92	--	--	--	--	--	--	--
Flint River (GA)	--	--	--	2,550	--	--	--	--	--	--	--
Goat Rock (GA)	--	--	--	19,057	--	--	--	--	--	--	--
Hammond (GA)	172,961	538	--	--	--	--	77	1	--	314	2
Harlee Branch (GA)	788,572	718	--	--	--	--	319	1	--	575	4
Hatch, Edwin I. (GA)	--	--	--	--	307,937	--	--	--	--	--	--
Langdale (GA)	--	--	--	259	--	--	--	--	--	--	--
Lloyd Shoals (GA)	--	--	--	11,594	--	--	--	--	--	--	--
McDonough, J (GA)	339,828	486	303	--	--	--	136	1	3	185	--
Mcmanus (GA)	--	1,166	--	--	--	--	--	5	--	--	130
Mitchell, W (GA)	23,027	981	--	--	--	--	8	1	--	56	26
Morgan Falls (GA)	--	--	--	7,693	--	--	--	--	--	--	--
Nacoochee (GA)	--	--	--	1,720	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	--	--	--	23,983	--	--	--	--	--	--	--
Oliver Dam (GA)	--	--	--	39,404	--	--	--	--	--	--	--
Riverview (GA)	--	--	--	192	--	--	--	--	--	--	--
Scherer (GA)	1,222,692	1,830	--	--	--	--	483	3	--	1,136	15
Sinclair Dam (GA)	--	--	--	31,997	--	--	--	--	--	--	--
Tallulah Falls (GA)	--	--	--	22,232	--	--	--	--	--	--	--
Terrora (GA)	--	--	--	6,257	--	--	--	--	--	--	--
Tugalo (GA)	--	--	--	17,230	--	--	--	--	--	--	--
Vogtle (GA)	--	--	--	--	1,105,244	--	--	--	--	--	--
Wallace Dam (GA)	--	--	--	32,827	--	--	--	--	--	--	--
Wansley (GA)	755,462	174	--	--	--	--	313	*	--	825	34
Wilson (GA)	--	205	--	--	--	--	--	1	--	--	89
Yates (GA)	448,831	603	--	--	--	--	191	1	--	645	3
Yonah (GA)	--	--	--	8,345	--	--	--	--	--	--	--
Gilman Brothers Co											
Gilman (CT)	--	--	--	65	--	--	--	--	--	--	--
Girard City Of											
Girard (KS)	--	--	--	--	--	--	--	--	--	--	--
Glencoe Mun Electric Plant											
Glencoe (MN)	--	11	3	--	--	--	--	*	*	--	3
Glendale Public Service Dept											
Grayson (CA)	--	27	14,362	--	--	--	--	*	199	--	51
SCAMPP (CA)	--	27	14,362	--	--	--	--	*	199	--	51
Golden Valley Elec Assn, Inc											
Fairbanks (AK)	18,133	-306	--	--	--	--	15	*	--	*	34
Healy (AK)	--	-94	--	--	--	--	--	*	--	--	5
North Pole (AK)	18,133	25	--	--	--	--	15	*	--	*	1
Goodland Municipal Electric Dep											
Goodland (KS)	--	101	589	--	--	--	--	*	10	--	4
Gouverneur Elec Plt											
Gouverneur (NY)	--	101	589	--	--	--	--	*	10	--	4
Gowrie Light & Water Plant											
Gowrie (IA)	--	--	--	46	--	--	--	--	--	--	--
Graettinger Mun Light Plant											
Graettinger (IA)	--	--	--	46	--	--	--	--	--	--	--
Grafton Light & Water Dept											
Grafton (ND)	--	--	--	--	--	--	--	--	--	--	--
Grand Haven Board Of Lt & Pwr											
Harbor Avenue (MI)	24,581	--	--	--	--	--	11	--	*	27	10
J B Simms (MI)	--	--	--	--	--	--	--	--	*	--	10
Grand Island Water & Light Dept											
Burdick, C W (NE)	45,685	--	30	--	--	--	31	--	4	80	58
Platte (NE)	--	--	30	--	--	--	--	--	4	--	58
Grand Junction Mun Lt Plant											
Grand Junction (IA)	45,685	--	--	--	--	--	31	--	--	80	--
Grand Marais, Village Of											
Grand Marais (MN)	--	-2	--	--	--	--	--	*	--	--	*
Grand River Dam Authority											
GRDA No 1 (OK)	--	-2	--	--	--	--	--	*	--	--	*
Markham (OK)	381,138	5	1,623	112,346	--	--	242	*	17	560	2
Pensacola (OK)	381,138	5	1,623	--	--	--	242	*	17	560	2
Salina (OK)	--	--	--	47,113	--	--	--	--	--	--	--
	--	--	--	70,462	--	--	--	--	--	--	--
	--	--	--	-5,229	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	--	--	--	121	--	--	--	--	--	--	--
Granite Falls (MN)	--	--	--	121	--	--	--	--	--	--	--
Grant County P U D No 2	--	--	--	522,020	--	--	--	--	--	--	--
Pec Hdwns (WA)	--	--	--	--	--	--	--	--	--	--	--
Priest Rapids (WA)	--	--	--	266,332	--	--	--	--	--	--	--
Quincy Chut (WA)	--	--	--	--	--	--	--	--	--	--	--
Wanapum (WA)	--	--	--	255,688	--	--	--	--	--	--	--
Green Mountain Power Corporation	--	85	--	6,115	--	--	--	*	--	--	13
Berlin (VT)	--	61	--	--	--	--	--	*	--	--	11
Bolton Falls (VT)	--	--	--	1,414	--	--	--	--	--	--	--
Carthusians (VT)	--	--	--	--	--	--	--	--	--	--	--
Colchester (VT)	--	11	--	--	--	--	--	*	--	--	1
Essex Junction 19 (VT)	--	--	--	2,072	--	--	--	--	--	--	*
Gorge 18 (VT)	--	--	--	452	--	--	--	--	--	--	--
Marshfield 6 (VT)	--	--	--	220	--	--	--	--	--	--	--
Middlesex 2 (VT)	--	--	--	595	--	--	--	--	--	--	--
Vergennes 9 (VT)	--	13	--	737	--	--	--	*	--	--	1
Waterbury 22 (VT)	--	--	--	451	--	--	--	--	--	--	--
West Danville 15 (VT)	--	--	--	174	--	--	--	--	--	--	--
Greenfield Municipal Utilities	--	29	--	--	--	--	--	*	--	--	*
Greenfield (IA)	--	29	--	--	--	--	--	*	--	--	*
Greenport Village Of	--	-26	--	--	--	--	--	*	--	--	*
Greenport (NY)	--	-26	--	--	--	--	--	*	--	--	*
Greensburg Mun Lt & Pwr	--	3	36	--	--	--	--	*	1	--	1
Greensburg (KS)	--	3	36	--	--	--	--	*	1	--	1
Greenville Electric Dept	--	--	3,202	--	--	--	--	--	45	--	18
Steam (TX)	--	--	-22	--	--	--	--	--	*	--	1
Steam (TX)	--	--	3,224	--	--	--	--	--	45	--	18
Greenwood Utilities Commission	--	--	20	--	--	--	--	--	1	11	6
Henderson (MS)	--	--	20	--	--	--	--	--	1	10	4
Wright (MS)	--	--	--	--	--	--	--	--	--	1	2
Gresham Mun Light Plant	--	--	--	283	--	--	--	--	--	--	--
Lower Weed (WI)	--	--	--	122	--	--	--	--	--	--	--
Upper Weed (WI)	--	--	--	161	--	--	--	--	--	--	--
Grundy Center Mun Lt & Pwr	--	1	5	--	--	--	--	*	*	--	*
Grundy Center (IA)	--	1	5	--	--	--	--	*	*	--	*
Guadalupe-Blanco River Auth	--	--	--	14,088	--	--	--	--	--	--	--
Abbott Tp 3 (TX)	--	--	--	1,713	--	--	--	--	--	--	--
Canyon (TX)	--	--	--	3,983	--	--	--	--	--	--	--
Dunlap Tp 1 (TX)	--	--	--	2,656	--	--	--	--	--	--	--
H-4 (TX)	--	--	--	1,429	--	--	--	--	--	--	--
H-5 (TX)	--	--	--	1,459	--	--	--	--	--	--	--
Nolte (TX)	--	--	--	1,407	--	--	--	--	--	--	--
Nolte (TX)	--	--	--	1,441	--	--	--	--	--	--	--
Gulf Power Co (SC)	457,966	603	679	--	--	--	204	1	7	411	9
Crist (FL)	365,415	296	679	--	--	--	163	1	7	293	2
Scholz (FL)	4,869	16	--	--	--	--	3	*	--	16	*
Smith (FL)	87,682	291	--	--	--	--	39	1	--	102	7
Gulf States Utilities Company	385,975	126,261	1,169,425	40,384	643,877	--	236	2	11,196	236	447
Lewis Creek (TX)	--	--	142,597	--	--	--	--	--	1,470	--	34
Louisiana 1 (LA)	--	--	132,572	--	--	--	--	--	1,137	--	--
Louisiana 2 (LA)	--	--	--	--	--	--	--	--	--	--	--
Neches (TX)	--	--	--	--	--	--	--	--	--	--	--
Nelson, R S (LA)	385,975	126,261	7,225	--	--	--	236	2	11	236	105
River Bend (LA)	--	--	--	--	643,877	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	--	--	765,459	--	--	--	--	--	7,323	--	103
Toledo Bend (TX)	--	--	--	40,384	--	--	--	--	--	--	--
Willow Glen (LA)	--	--	121,572	--	--	--	--	--	1,155	--	205
Gwitchyaa Zhee Utility Company											
Gwitchyaa Zhee (AK)	--	196	--	--	--	--	--	*	--	--	*
GPU Nuclear Corporation											
Oyster Creek (NJ)	--	--	--	--	987,690	--	--	--	--	--	--
Three Mile Island (PA)	--	--	--	--	468,927	--	--	--	--	--	--
					518,763						
Hagerstown Mun Elec Lt Plant											
Hagerstown (MD)	--	--	--	--	--	--	--	--	--	--	--
Haines Light And Power											
Company	--	890	--	--	--	--	--	2	--	--	--
Haines (AK)	--	890	--	--	--	--	--	2	--	--	--
Halstad Municipal Utilities											
Halstad (MN)	--	--	--	--	--	--	--	--	--	--	*
Hamilton City Of	16,713	7	20,824	5,287	--	--	9	*	287	8	3
Hamilton (OH)	16,713	7	20,824	--	--	--	9	*	287	8	3
Hamilton Hydro (OH)	--	--	--	--	--	--	--	--	--	--	--
Vanceburg Hydro (KY)	--	--	--	5,287	--	--	--	--	--	--	--
Hardwick Electric Department											
Hardwick (VT)	--	--	--	128	--	--	--	--	--	--	*
Wolcott (VT)	--	--	--	128	--	--	--	--	--	--	--
Hart Hydro Electric Dept											
Hart (MI)	--	--	--	--	--	--	--	--	--	--	*
Hart Hydro (MI)	--	--	--	--	--	--	--	--	--	--	--
Hartley City Of											
Hartley (IA)	--	--	--	--	--	--	--	--	--	--	--
Hastings Utilities	27,457	117	290	--	--	--	19	*	5	59	7
Don Henry (NE)	--	62	29	--	--	--	--	*	1	--	1
Hastings (NE)	27,457	55	--	--	--	--	19	*	--	59	3
North Denver (NE)	--	--	261	--	--	--	--	--	5	--	4
Hawaii Electric Light Co, Inc											
Kanoelehua (HI)	--	56,953	--	775	--	--	--	129	--	--	55
Keahole (HI)	--	1,132	--	--	--	--	--	2	--	--	4
Puma (HI)	--	8,004	--	--	--	--	--	17	--	--	7
Pueo (HI)	--	16,782	--	--	--	--	--	39	--	--	11
Shipman (HI)	--	--	--	448	--	--	--	--	--	--	--
W. H. Hill (HI)	--	8,357	--	--	--	--	--	22	--	--	6
Waiau (HI)	--	21,409	--	--	--	--	--	46	--	--	25
Waimea (HI)	--	--	--	327	--	--	--	--	--	--	--
	--	1,269	--	--	--	--	--	2	--	--	2
Hawaiian Electric Company, Inc ..											
* Central Storage *	--	335,915	--	--	--	--	--	561	--	--	785
Honolulu (HI)	--	--	--	--	--	--	--	--	--	--	239
Kahe (HI)	--	6,746	--	--	--	--	--	15	--	--	55
Waiau (HI)	--	252,355	--	--	--	--	--	410	--	--	356
	--	76,814	--	--	--	--	--	136	--	--	134
Hawarden City Of											
Hawarden (IA)	--	--	--	--	--	--	--	--	--	--	--
Haxton City Of											
Haxton (CO)	--	--	--	--	--	--	--	--	--	--	--
Heber Light & Power Plant											
Gas Generation (UT)	--	--	31	435	--	--	--	--	*	--	--
Lake Creek (UT)	--	--	31	--	--	--	--	--	*	--	--
Snake Creek (UT)	--	--	--	238	--	--	--	--	--	--	--
	--	--	--	197	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	7,008	--	--	--	--	--	4	--	--	3	*
Henderson (KY)	7,008	--	--	--	--	--	4	--	--	3	*
Herndon City Of	--	--	--	--	--	--	--	--	--	--	--
City Lght Plant (KS)	--	--	--	--	--	--	--	--	--	--	--
Herrington City Of	--	-51	--	--	--	--	--	--	--	--	*
Herrington (KS)	--	-51	--	--	--	--	--	--	--	--	*
Hetch Hetchy Water & Power	--	--	--	211,020	--	--	--	--	--	--	--
Holm, Dion R (CA)	--	--	--	104,789	--	--	--	--	--	--	--
Kirkwood, Robert C (CA)	--	--	--	58,923	--	--	--	--	--	--	--
Moccasin (CA)	--	--	--	46,100	--	--	--	--	--	--	--
Moccasin Low (CA)	--	--	--	1,208	--	--	--	--	--	--	--
Hibbing Public Utilities Comm	3,944	--	--	--	--	--	8	--	--	3	--
Hibbing (MN)	3,944	--	--	--	--	--	8	--	--	3	--
Higginsville City Of	--	--	--	--	--	--	--	--	--	--	--
Higginsville (MO)	--	--	--	--	--	--	--	--	--	--	--
Highland City Of	--	3	9	--	--	--	--	*	*	--	*
Highland (IL)	--	3	9	--	--	--	--	*	*	--	*
Hill City City Of	--	4	10	--	--	--	--	*	*	--	*
Hill City (KS)	--	4	10	--	--	--	--	*	*	--	*
Hillsdale Board Of Public Works	--	--	--	--	--	--	--	*	--	--	2
Hillsdale (MI)	--	--	--	--	--	--	--	*	--	--	2
Hoisington City Of	--	13	1	--	--	--	--	*	*	--	*
Hoisington (KS)	--	13	1	--	--	--	--	*	*	--	*
Holdrege City Of	--	4	--	--	--	--	--	*	--	--	*
Holdrege (NE)	--	4	--	--	--	--	--	*	--	--	*
Holland Board Of Public Works	22,909	94	--	--	--	--	12	*	--	62	6
James De Young (MI)	22,909	42	--	--	--	--	12	*	--	62	*
48 Street (MI)	--	30	--	--	--	--	--	*	--	--	5
6Th Street (MI)	--	22	--	--	--	--	--	*	--	--	1
Holly Town Of	--	--	--	--	--	--	--	--	--	--	--
Holly (CO)	--	--	--	--	--	--	--	--	--	--	--
Holton City Of	--	69	56	--	--	--	--	*	1	--	*
Holton (KS)	--	69	56	--	--	--	--	*	1	--	*
Holyoke Gas & Elec Dept	--	-241	-101	137	--	--	--	*	1	--	16
Cabot-Holyoke (MA)	--	-241	-101	137	--	--	--	*	1	--	16
Holyoke Mun Pwr & Lt Plt	--	--	--	--	--	--	--	--	--	--	--
Holyoke (CO)	--	--	--	--	--	--	--	--	--	--	--
Holyoke Water Power Co (NU)	88,069	176	--	18,512	--	--	33	*	--	66	*
Boatlock (MA)	--	--	--	368	--	--	--	--	--	--	--
Chemical (MA)	--	--	--	-3	--	--	--	--	--	--	--
Hadley Falls (MA)	--	--	--	17,210	--	--	--	--	--	--	--
Holbrook, Beebe (MA)	--	--	--	100	--	--	--	--	--	--	--
Mt Tom (MA)	88,069	176	--	--	--	--	33	*	--	66	*
Riverside (MA)	--	--	--	794	--	--	--	--	--	--	--
Skinner (MA)	--	--	--	43	--	--	--	--	--	--	--
Homer Electric Assn, Inc	--	--	--	--	--	--	--	--	--	--	*
Seldovia (AK)	--	--	--	--	--	--	--	--	--	--	*
Homestead City Of	--	164	1,342	--	--	--	--	*	22	--	3
G W Ivey (FL)	--	164	1,342	--	--	--	--	*	22	--	3

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	1,568,468	3,513	--	--	--	--	940	6	--	1,184	35
Tanners Creek (IN)	368,240	488	--	--	--	--	161	1	--	632	10
Twin Branch (IN)	--	--	--	2,190	--	--	--	--	--	--	--
Indiana Municipal Power Agency	--	13	97	--	--	--	--	*	1	--	7
Anderson (IN)	--	13	97	--	--	--	--	*	1	--	7
Indiana-Kentucky Electric Corp ...	752,748	293	--	--	--	--	331	*	--	460	3
Clifty Creek (IN)	752,748	293	--	--	--	--	331	*	--	460	3
Indianapolis Pwr & Lt Co	1,104,592	2,331	--	--	--	--	514	6	--	1,630	45
Perry K (IN)	-1,296	--	--	--	--	--	--	--	--	59	4
Perry W (IN)	--	-67	--	--	--	--	--	--	--	--	1
Petersburg (IN)	910,064	1,414	--	--	--	--	416	3	--	1,123	7
Pritchard, H T (IN)	88,517	336	--	--	--	--	46	1	--	74	7
Stout, Elmer W (IN)	107,307	648	--	--	--	--	52	2	--	374	26
Indianola Mun Light & Pwr	--	-69	-8	--	--	--	--	*	--	--	12
Indianola (IA)	--	-69	-8	--	--	--	--	*	--	--	12
Interstate Power Company	179,880	137	12	--	--	--	99	1	4	257	29
Dubuque (IA)	14,629	-8	95	--	--	--	9	*	1	21	1
Fox Lake (MN)	--	-13	-306	--	--	--	--	--	--	27	22
Hills (MN)	--	-5	--	--	--	--	--	*	--	--	*
Kapp, M L (IA)	117,406	--	223	--	--	--	54	--	2	179	--
Lansing (IA)	47,845	270	--	--	--	--	36	1	--	30	1
Lime Creek (IA)	--	-78	--	--	--	--	--	*	--	--	5
Montgomery (MN)	--	-15	--	--	--	--	--	--	--	--	1
New Albin (IA)	--	-5	--	--	--	--	--	*	--	--	*
Rushford (MN)	--	-9	--	--	--	--	--	--	--	--	*
Iola Electric System	--	--	--	--	--	--	--	--	--	--	2
Iola (KS)	--	--	--	--	--	--	--	--	--	--	2
Iowa Electric Lt & Pwr Co	144,641	132	6,044	492	386,005	1,153	88	*	99	239	28
Ames (IA)	--	1	--	--	--	--	--	*	--	--	1
Anamosa (IA)	--	--	--	19	--	--	--	--	--	--	--
Arnold, Duane (IA)	--	--	--	--	386,005	--	--	--	--	--	--
Iowa Falls (IA)	--	--	--	168	--	--	--	--	--	--	--
Maquoketa (IA)	--	--	--	305	--	--	--	--	--	--	--
Marshalltown (IA)	--	-94	--	--	--	--	--	*	--	--	24
Prairie Creek (IA)	72,153	225	181	--	--	--	40	*	2	91	1
Sutherland (IA)	67,626	--	3,507	--	--	--	43	--	43	116	--
6Th Street (IA)	4,862	--	2,356	--	--	1,153	5	--	54	32	2
Iowa Southern Utilities Co	477,874	82	-86	--	--	--	299	*	--	589	21
Burlington (IA)	85,593	94	--	--	--	--	55	*	--	155	1
Centerville (IA)	--	-24	--	--	--	--	--	--	--	--	--
Grinnell (IA)	--	--	-86	--	--	--	--	--	--	--	--
Ottumwa (IA)	392,281	12	--	--	--	--	243	*	--	434	20
Iowa-Illinois Gas & Electric Co ...	99,338	3	3,563	688	--	--	59	*	43	434	13
Coralville (IA)	--	--	-78	--	--	--	--	--	--	--	*
Louisa (IA)	45,932	3	1,842	--	--	--	32	*	21	364	10
Manson (IA)	--	--	--	--	--	--	--	--	--	--	--
Moline (IL)	--	--	-93	688	--	--	--	--	--	--	2
Riverside (IA)	53,406	--	1,892	--	--	--	27	--	22	70	--
Ipswich Mun Lt Dept	--	130	205	--	--	--	--	*	3	--	2
Ipswich (MA)	--	130	205	--	--	--	--	*	3	--	2
Jackson Power & Light Dept	--	-64	--	--	--	--	--	*	--	--	1
Jackson (MO)	--	-64	--	--	--	--	--	*	--	--	1
Jacksonville Electric Authority ...	873,007	204,876	23,280	--	--	--	341	350	252	510	916
Kennedy, J D (FL)	--	2,049	401	--	--	--	--	5	6	--	72

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Jacksonville Electric Authority											
Northside (FL)	--	201,138	22,782	--	--	--	--	341	239	--	728
Southside (FL)	--	103	97	--	--	--	--	1	7	--	110
St. Johns River	873,007	1,586	--	--	--	--	341	3	--	510	6
Jamestown Board Of Pub											
Utilities	22,432	201	--	--	--	--	13	1	--	2	*
Carlson, S A (NY)	22,432	201	--	--	--	--	13	1	--	2	*
Janesville Mun Utilities											
Janesville (MN)	--	2	--	--	--	--	--	*	--	--	*
Jasper Mun Electric Utility											
Jasper 2 (IN)	5,982	--	--	--	--	--	4	--	--	*	--
	5,982	--	--	--	--	--	4	--	--	*	--
Jersey Central Power & Light Co											
(GPS)	--	46,455	13,870	-4,755	--	--	--	85	179	--	487
Forked River (NJ)	--	538	1,422	--	--	--	--	1	17	--	13
Gardner, Glen (NJ)	--	128	--	--	--	--	--	*	--	--	17
Gilbert (NJ)	--	22,033	8,918	--	--	--	--	39	111	--	304
Sayreville (NJ)	--	18,682	3,530	--	--	--	--	34	51	--	95
Werner (NJ)	--	5,074	--	--	--	--	--	10	--	--	58
Yards Creek (NJ)	--	--	--	-4,755	--	--	--	--	--	--	--
Jetmore City Of											
Jetmore (KS)	--	--	--	--	--	--	--	--	--	--	--
Johnson City Of											
Johnson (KS)	--	25	183	--	--	--	--	*	3	--	*
	--	25	183	--	--	--	--	*	3	--	*
Julesburg City Of											
Julesburg (CO)	--	--	--	--	--	--	--	--	--	--	--
Kahoka Municipal Power Plant											
Kahoka (MO)	--	8	98	--	--	--	--	*	1	--	*
	--	8	98	--	--	--	--	*	1	--	*
Kansas City Bd Of Pub Util											
Kaw (KS)	200,939	657	1,861	--	--	--	131	2	23	128	9
Nearman Creek (KS)	16,859	45	1,195	--	--	--	9	*	15	24	1
Quindaro (KS)	125,992	496	--	--	--	--	88	1	--	55	3
	58,088	116	666	--	--	--	33	*	8	49	5
Kansas City Power & Light Co											
Gardner (KS)	1,436,817	2,541	3,636	--	--	--	843	5	37	1,330	110
Grand Ave (MO)	--	--	--	--	--	--	--	--	--	--	--
Hawthorn (MO)	--	--	--	--	--	--	--	--	--	--	--
Iatan (MO)	211,507	--	3,636	--	--	--	123	--	37	228	8
La Cygne (KS)	395,108	633	--	--	--	--	227	1	--	293	9
Montrose (MO)	591,405	2,137	--	--	--	--	339	4	--	630	19
Northeast (MO)	238,797	120	--	--	--	--	154	*	--	179	8
	--	-349	--	--	--	--	--	*	--	--	67
Kansas Gas & Electric Co											
Evans, Gordon (KS)	--	4,475	52,249	--	--	--	--	9	630	--	265
Gill, Murray (KS)	--	--	38,318	--	--	--	--	--	440	--	81
	--	4,475	13,931	--	--	--	--	9	190	--	184
Kauai Electric Company											
Port Allen (HI)	--	27,523	--	--	--	--	--	50	--	--	--
	--	27,523	--	--	--	--	--	50	--	--	--
Kaukauna City Of											
Combined Locks (WI)	--	7	72	15,558	--	--	--	*	1	--	1
Kaukauna (WI)	--	--	--	4,571	--	--	--	--	--	--	--
Kaukauna Hydro (WI)	--	7	72	--	--	--	--	*	1	--	1
Little Chute (WI)	--	--	--	3,578	--	--	--	--	--	--	--
New Badger (WI)	--	--	--	2,205	--	--	--	--	--	--	--
Old Badger (WI)	--	--	--	2,179	--	--	--	--	--	--	--
Rapide Croche (WI)	--	--	--	1,316	--	--	--	--	--	--	--
	--	--	--	1,709	--	--	--	--	--	--	--
Kennett Board Of Public Works											
Kennett (MO)	--	--	-20	--	--	--	--	--	*	--	7
	--	--	-20	--	--	--	--	--	*	--	7

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	496,259	716	--	--	--	--	199	1	--	261	10
Big Sandy (KY)	496,259	716	--	--	--	--	199	1	--	261	10
Kentucky Utilities Company	1,237,603	652	-30	16,657	--	--	542	3	*	1,344	28
Brown, E W (KY)	348,674	54	--	--	--	--	152	*	--	307	5
Dix Dam (KY)	--	--	--	16,323	--	--	--	--	--	--	--
Ghent (KY)	792,878	734	--	--	--	--	343	2	--	952	10
Green River (KY)	83,837	37	--	--	--	--	41	*	--	66	1
Haefling (KY)	--	--	-30	--	--	--	--	--	*	--	6
Lock 7 (KY)	--	--	--	334	--	--	--	--	--	--	--
Pineville (KY)	5,642	2	--	--	--	--	3	*	--	4	*
Tyrone (KY)	6,572	-175	--	--	--	--	3	*	--	14	5
Kenyon Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Kenyon (MN)	--	--	--	--	--	--	--	--	--	--	--
Ketchikan Public Utilities	--	-104	--	14,509	--	--	--	*	--	--	5
Beaver Falls (AK)	--	--	--	3,117	--	--	--	--	--	--	--
Ketchikan (AK)	--	--	--	2,185	--	--	--	--	--	--	--
Ketchikan (AK)	--	-81	--	--	--	--	--	*	--	--	4
Silvis (AK)	--	--	--	1,023	--	--	--	--	--	--	--
Swan Lake (AK)	--	--	--	8,184	--	--	--	--	--	--	--
Totem Bight (AK)	--	-23	--	--	--	--	--	--	--	--	*
Key West, City Of	--	3,112	--	--	--	--	--	7	--	--	61
Big Pine (FL)	--	196	--	--	--	--	--	*	--	--	*
Cudjoe (FL)	--	486	--	--	--	--	--	1	--	--	1
Key West (FL)	--	400	--	--	--	--	--	2	--	--	16
Stock Island (FL)	--	239	--	--	--	--	--	1	--	--	45
Stock Island D 1 (FL)	--	1,791	--	--	--	--	--	3	--	--	--
Kimball City Of	--	--	20	--	--	--	--	*	*	--	*
Kimball (NE)	--	--	20	--	--	--	--	*	*	--	*
Kimballton Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Kimballton (IA)	--	--	--	--	--	--	--	--	--	--	--
Kingfisher City Of	--	9	54	--	--	--	--	*	1	--	*
Kingfisher (OK)	--	9	54	--	--	--	--	*	1	--	*
Kingman City Of	--	269	2,777	--	--	--	--	1	29	--	1
Kingman (KS)	--	269	2,777	--	--	--	--	1	29	--	1
Kings River Conservation Dist	--	--	--	7,374	--	--	--	--	--	--	--
Pine Flat (CA)	--	--	--	7,374	--	--	--	--	--	--	--
Kissimmee City Of	--	4	1,295	--	--	--	--	*	20	--	11
Kissimmee (FL)	--	4	1,295	--	--	--	--	*	20	--	11
Kodiak Electric Assn, Inc	--	5,649	--	7,169	--	--	--	10	--	--	1
Kodiak A (AK)	--	5,658	--	--	--	--	--	10	--	--	1
Port Lions (AK)	--	-9	--	--	--	--	--	--	--	--	*
Terror Lake (AK)	--	--	--	7,169	--	--	--	--	--	--	--
Kotzebue Electric Assn, Inc	--	1,432	--	--	--	--	--	3	--	--	15
Kotzebue (AK)	--	1,432	--	--	--	--	--	3	--	--	15
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	--	--	--	--	--	--	--	--	--	--	*
La Porte (IA)	--	--	--	--	--	--	--	--	--	--	*

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	--	--	20,870	--	--	--	--	--	--	--	--
Doc Bonin (LA)	--	--	20,897	--	--	--	--	--	246	--	120
Rodemacher (LA)	--	--	-27	--	--	--	--	--	246	--	120
Lake Crystal Mun Utilities Co	--	5	8	--	--	--	--	*	*	--	*
Lake Crystal (MN)	--	5	8	--	--	--	--	*	*	--	*
Lake Lure Elec Pwr Facility	--	--	--	1,526	--	--	--	--	--	--	--
Lake Lure (NC)	--	--	--	1,526	--	--	--	--	--	--	--
Lake Mills Mun Light Plant	--	-32	--	--	--	--	--	--	--	--	1
Lake Mills (IA)	--	-32	--	--	--	--	--	--	--	--	1
Lake Park Mun Utilities	--	--	--	--	--	--	--	--	--	--	--
Lake Park (IA)	--	--	--	--	--	--	--	--	--	--	--
Lake Worth Utilities Authority	--	46	16,570	--	--	--	--	*	186	--	12
Smith, Tom G (FL)	--	46	16,570	--	--	--	--	*	186	--	12
Lakeland, Cty Of Dpt Of Elec & Wtr	140,795	4,487	47,910	--	--	--	57	10	466	95	197
Larsen Memorial (FL)	--	1,672	44,525	--	--	--	--	4	425	--	77
McIntosh, C D (FL)	140,795	2,815	3,385	--	--	--	57	6	41	95	120
Lamar Utilities Brd Of	--	--	7,294	--	--	--	--	--	96	--	6
Lamar (CO)	--	--	7,294	--	--	--	--	--	96	--	6
Lamoni Municipal Utilities	--	2	4	--	--	--	--	*	*	--	*
Lamoni (IA)	--	2	4	--	--	--	--	*	*	--	*
Lanesboro Public Utilities	--	--	--	--	--	--	--	--	--	--	--
Lanesboro (MN)	--	--	--	--	--	--	--	--	--	--	--
Lansing Board Of Wtr & Lt	156,954	-38	--	366	--	--	69	1	--	173	*
Eckert Station (MI)	156,954	461	--	--	--	--	69	1	--	33	*
Erickson (MI)	--	-499	--	--	--	--	--	--	--	140	*
Moore Park (MI)	--	--	--	366	--	--	--	--	--	--	--
Ottawa Street (MI)	--	--	--	--	--	--	--	--	--	--	--
Larned Mun Power Plant	--	--	--	--	--	--	--	--	--	--	4
Larned (KS)	--	--	--	--	--	--	--	--	--	--	4
Larned (KS)	--	--	--	--	--	--	--	--	--	--	--
Larsen Bay City Of	--	3	--	28	--	--	--	*	--	--	--
Larsen (AK)	--	3	--	28	--	--	--	*	--	--	--
Las Animas Mun Lt & Pwr	--	-28	--	--	--	--	--	--	*	--	*
Las Animas (CO)	--	-28	--	--	--	--	--	--	*	--	*
Laurel Mun Power Plant	--	--	--	--	--	--	--	--	--	--	*
Laurel (NE)	--	--	--	--	--	--	--	--	--	--	*
Laurens Mun Lt & Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Laurens (IA)	--	--	--	--	--	--	--	--	--	--	--
Lea County Elec Coop, Inc	--	--	--	--	--	--	--	--	--	--	--
North Lovington (NM)	--	--	--	--	--	--	--	--	--	--	--
Lebanon City Of	--	39	--	--	--	--	--	*	--	--	*
Lebanon (OH)	--	39	--	--	--	--	--	*	--	--	*
Lenox Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Lenox (IA)	--	--	--	--	--	--	--	--	--	--	--
Lewiston Public Works	--	--	--	478	--	--	--	--	--	--	--
Andro Upper (ME)	--	--	--	478	--	--	--	--	--	--	--
Lincoln City Of	--	6	--	--	--	--	--	*	*	--	*
Lincoln (KS)	--	6	--	--	--	--	--	*	*	--	*

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	--	--	717	--	--	--	--	--	9	--	7
Lincoln J Street (NE)	--	--	27	--	--	--	--	--	*	--	2
Rokeby (NE)	--	--	690	--	--	--	--	--	9	--	5
Lindsay Public Works Authority ..	--	--	--	--	--	--	--	--	--	--	--
Lindsay (OK)	--	--	--	--	--	--	--	--	--	--	--
Litchfield City Of	--	2	4	--	--	--	--	*	*	--	*
Litchfield (MN)	--	2	4	--	--	--	--	*	*	--	*
Lockhart Power Company	--	--	--	10,314	--	--	--	--	--	--	--
Lockhart (SC)	--	--	--	10,314	--	--	--	--	--	--	--
Lodgepole City Of	--	--	--	--	--	--	--	--	--	--	--
Lodgepole (NE)	--	--	--	--	--	--	--	--	--	--	--
Logan City Municipal Elect Light	--	--	--	--	--	--	--	--	--	--	--
Plt	--	-35	--	1,473	--	--	--	*	--	--	1
Logan (UT)	--	--	--	254	--	--	--	--	--	--	--
Logan 2 (UT)	--	--	--	1,219	--	--	--	--	--	--	--
Logon Diesel (UT)	--	-35	--	--	--	--	--	*	--	--	1
Logansport Municipal Utilities	7,605	--	85	--	--	--	5	--	3	6	2
Logansport (IN)	7,605	--	85	--	--	--	5	--	3	6	2
Long Island Lighting Company	--	543,971	190,828	--	--	--	--	897	1,992	--	1,589
Barrett, E F (NY)	--	26,736	173,262	--	--	--	--	45	1,764	--	367
Brookhaven (NY)	--	2,676	--	--	--	--	--	6	--	--	32
East Hampton (NY)	--	-4	--	--	--	--	--	*	--	--	3
Far Rockway (NY)	--	-384	--	--	--	--	--	--	--	--	35
Glenwood (NY)	--	-17	17,566	--	--	--	--	--	228	--	32
Holbrook (NY)	--	3,775	--	--	--	--	--	11	--	--	86
Montauk (NY)	--	39	--	--	--	--	--	*	--	--	1
Northport (NY)	--	376,213	--	--	--	--	--	613	--	--	754
Port Jefferson (NY)	--	134,940	--	--	--	--	--	222	--	--	244
Shoreham (NY)	--	16	--	--	--	--	--	*	--	--	20
Southampton (NY)	--	-8	--	--	--	--	--	*	--	--	2
Southold (NY)	--	-16	--	--	--	--	--	*	--	--	2
West Babylon (NY)	--	5	--	--	--	--	--	*	--	--	10
Longmont City Of	--	--	--	419	--	--	--	--	--	--	--
Longmont (CO)	--	--	--	419	--	--	--	--	--	--	--
Los Angeles Dept Of Water And	--	--	--	--	--	--	--	--	--	--	--
Power	1,101,330	881	482,186	25,448	--	66	448	2	5,354	1,202	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	--	--	--	--	--	*	--	--	16
Haynes (CA)	--	--	397,074	--	--	--	--	--	4,314	--	2,496
Intermountain (UT)	1,101,330	879	--	--	--	--	448	1	--	1,202	6
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)	--	--	47,396	--	--	66	--	--	583	--	377
Upper Gorge (CA)	--	--	--	9,322	--	--	--	--	--	--	--
Valley (CA)	--	--	37,716	--	--	--	--	--	458	--	437
Louisiana Power & Light Co	--	--	--	--	--	--	--	--	--	--	--
(MSU)	--	34,911	658,659	--	742,484	--	--	61	7,110	--	528

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	--	--	62	--	--	--	--	--	2	--	1
Little Gypsy (LA)	--	284	115,607	--	--	--	--	1	1,289	--	46
Monroe (LA)	--	--	--	--	--	--	--	--	--	--	--
Nine Mile Point (LA)	--	1,979	462,107	--	--	--	--	5	4,885	--	315
Sterlington (LA)	--	1,003	1,533	--	--	--	--	2	21	--	25
Thibodaux (LA)	--	--	--	--	--	--	--	--	--	--	--
Waterford (LA)	--	--	--	--	742,484	--	--	--	--	--	--
Waterford (LA)	--	31,645	79,350	--	--	--	--	53	913	--	141
Louisville Gas & Electric Co											
Cane Run (KY)	982,480	2,440	958	4,580	--	--	437	4	10	593	27
Mill Creek (KY)	159,005	36	672	--	--	--	73	--	7	45	2
Ohio Falls (KY)	552,662	1,879	286	--	--	--	244	3	3	394	21
Paddys Run (KY)	--	--	--	4,580	--	--	--	--	--	--	--
Trimble County (KY)	--	--	--	--	--	--	--	--	--	--	--
Waterside (KY)	270,813	525	--	--	--	--	120	1	--	153	4
Zorn (KY)	--	--	--	--	--	--	--	--	--	--	--
Lowell Light & Power											
Lowell (MI)	--	1	--	--	--	--	--	*	--	--	*
Lower Colorado River Authority											
Austin (TX)	804,987	382	143,945	50,404	--	--	625	1	1,414	662	174
Buchanan (TX)	--	--	--	9,853	--	--	--	--	--	--	--
Granite Shoals (TX)	--	--	--	7,784	--	--	--	--	--	--	--
Inks (TX)	--	--	--	4,476	--	--	--	--	--	--	--
Mansfield (TX)	--	--	--	27,057	--	--	--	--	--	--	--
Marble Falls (TX)	--	--	--	1,234	--	--	--	--	--	--	--
Sam K Seymour, jr (TX)	804,987	382	--	--	--	--	--	--	--	--	--
Sim Gideon (TX)	--	--	144,313	--	--	--	625	1	--	662	15
T. C. Ferguson (TX)	--	--	-368	--	--	--	--	--	1,414	--	78
Lower Valley Power & Light, Inc.											
Strawberry Creek (WY)	--	--	--	371	--	--	--	--	--	--	--
Lubbock City Of (Power & Light Dept)											
Holly Ave (TX)	--	--	47,041	--	--	--	--	--	518	--	11
LP&L Co GEN	--	--	32,963	--	--	--	--	--	375	--	11
Plant 2 (TX)	--	--	14,085	--	--	--	--	--	144	--	--
Luverne City Of											
Luverne (MN)	--	--	--	--	--	--	--	--	--	--	--
Lyndonville Electric Department											
Great Falls (VT)	--	--	--	374	--	--	--	--	--	--	--
Vail (VT)	--	--	--	262	--	--	--	--	--	--	--
M & A Electric Power Cooperative											
Green Forest (MO)	--	-43	--	--	--	--	--	--	--	--	*
Macon Municipal Utilities											
Macon (MO)	--	--	--	--	--	--	--	--	--	--	1
Madelia Mun Lt & Pwr Plant											
Madelia (MN)	--	--	--	--	--	--	--	--	--	--	*
Madison City Of											
Norridgewick (ME)	--	--	--	142	--	--	--	--	--	--	--
Madison Gas & Electric Co											
Blount Street (WI)	1,851	--	12,734	--	--	--	1	--	179	10	14
Fitchburg (WI)	1,851	--	12,546	--	--	--	1	--	176	10	3
Nine Springs (WI)	--	--	103	--	--	--	--	--	2	--	5
Sycamore (WI)	--	--	-14	--	--	--	--	--	--	--	1
See footnotes at end of table.											

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	--	3,639	--	112	--	--	--	9	--	--	10
Caribou (ME)	--	3,666	--	125	--	--	--	9	--	--	10
Fios Inn (ME)	--	-20	--	--	--	--	--	.	--	--	.
Houlton (ME)	--	-7	--	--	--	--	--	.	--	--	.
Squa Pan (ME)	--	--	--	-13	--	--	--	--	--	--	--
Maine Yankee Atomic Power Company	--	--	--	--	656,012	--	--	--	--	--	--
Maine Yankee (ME)	--	--	--	--	656,012	--	--	--	--	--	--
Malden City Of	--	14	27	--	--	--	--	.	.	--	1
Malden (MO)	--	14	27	--	--	--	--	.	.	--	1
Mangum City Of	--	6	40	--	--	--	--	.	1	--	1
Mangum (OK)	--	6	40	--	--	--	--	.	1	--	1
Manilla Mun Service Dept	--	--	--	--	--	--	--	--	--	--	--
Manilla (IA)	--	--	--	--	--	--	--	--	--	--	--
Manitowoc Public Utilities	17,280	7,353	537	--	--	--	8	.	5	30	1
Manitowoc (WI)	17,280	7,353	537	--	--	--	8	.	5	30	1
Manley Utility Company Inc	--	18	--	--	--	--	--	.	--	--	.
Manley (AK)	--	18	--	--	--	--	--	.	--	--	.
Manning Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Manning (IA)	--	--	--	--	--	--	--	--	--	--	--
Manti City Corp Light & Power Dept	--	--	--	171	--	--	--	--	--	--	--
Lower (UT)	--	--	--	88	--	--	--	--	--	--	--
Manti (UT)	--	--	--	83	--	--	--	--	--	--	--
Maquoketa Mun Lt & Pwr	--	10	108	--	--	--	--	.	2	--	1
Maquoketa (IA)	--	10	108	--	--	--	--	.	2	--	1
Marblehead Municipal Light Dept	--	7	--	--	--	--	--	.	--	--	1
Commerce St 2 (MA)	--	2	--	--	--	--	--	.	--	--	.
Wilkins Station (MA)	--	5	--	--	--	--	--	.	--	--	1
Marquette Bd Of Lt & Pwr	20,559	30	--	2,002	--	--	15	.	--	23	4
Plant Four (MI)	--	--	--	--	--	--	--	--	--	--	4
Plant Two (MI)	--	--	--	1,538	--	--	--	--	--	--	--
Russell, Frank J (MI)	--	--	--	464	--	--	--	--	--	--	--
Shiras (MI)	20,559	30	--	--	--	--	15	.	--	23	1
Marshall City Wtr & Elec Works ..	--	11	87	198	--	--	--	.	1	--	.
Marshall (MI)	--	11	87	198	--	--	--	.	1	--	.
Marshall Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Marshall (MN)	--	--	--	--	--	--	--	--	--	--	--
Marshall Municipal Utilities	4,097	-21	218	--	--	--	3	.	4	.	3
Marshall (MO)	4,097	-21	218	--	--	--	3	.	4	.	3
Marshfield Electric & Water Dept ..	--	--	--	--	--	--	--	--	--	--	--
Wildwood (WI)	--	--	--	--	--	--	--	--	--	--	--
Martinsville Electric Department ..	--	--	--	760	--	--	--	--	--	--	--
Martinsville (VA)	--	--	--	760	--	--	--	--	--	--	--
Mascoutah City Of (Pwr & Lt Dept)	--	13	--	--	--	--	--	.	--	--	1
Mascoutah (IL)	--	13	--	--	--	--	--	.	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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	--	17,009	3,994	--	--	--	--	26	38	--	99
Stonybrook (MA)	--	17,009	3,994	--	--	--	--	26	38	--	99
Maul Electric Co, Ltd	--	72,398	--	--	--	--	--	137	--	--	137
Cook (HI)	--	2,733	--	--	--	--	--	5	--	--	*
Kahului (HI)	--	23,250	--	--	--	--	--	50	--	--	61
Lanai City (HI)	--	814	--	--	--	--	--	2	--	--	*
Maalaea (HI)	--	44,577	--	--	--	--	--	76	--	--	75
Miki Basin (HI)	--	1,024	--	--	--	--	--	4	--	--	*
Mcgrath Light & Power Co	--	231	--	--	--	--	--	*	--	--	2
Mcgrath (AK)	--	231	--	--	--	--	--	*	--	--	2
Mcgregor Municipal Utilities	--	1	--	--	--	--	--	*	--	--	*
Mc Gregor (IA)	--	1	--	--	--	--	--	*	--	--	*
Mcleansboro City Of	--	13	--	--	--	--	--	*	--	--	*
Mc Leansboro (IL)	--	13	--	--	--	--	--	*	--	--	*
Mcpherson Board Of Public Util ..	--	--	--	--	--	--	--	--	--	--	16
Plant No. 1 (KS)	--	--	--	--	--	--	--	--	--	--	*
Plant No. 2 (KS)	--	--	--	--	--	--	--	--	--	--	16
Meade City Of	--	23	256	--	--	--	--	*	3	--	*
Meade (KS)	--	23	256	--	--	--	--	*	3	--	*
Medina Electric Coop, Inc	--	--	804	--	--	--	--	--	12	--	21
Pearsall (TX)	--	--	804	--	--	--	--	--	12	--	21
Melrose Water, Lt & Pwr & Bldg											
Comm	--	--	--	--	--	--	--	--	--	--	--
Melrose (MN)	--	--	--	--	--	--	--	--	--	--	--
Memphis Lt Gas & Wtr Division ...	--	15	--	--	--	--	--	*	--	--	*
Memphis (MO)	--	15	--	--	--	--	--	*	--	--	*
Menasha Electric & Water											
Utilities	2,685	--	--	--	--	--	2	--	--	3	--
Menasha (WI)	2,685	--	--	--	--	--	2	--	--	3	--
Merced Irrigation District	--	--	--	5,012	--	--	--	--	--	--	--
Canal Creek (CA)	--	--	--	--	--	--	--	--	--	--	--
Exchequer (CA)	--	--	--	4,538	--	--	--	--	--	--	--
Fairfield (CA)	--	--	--	17	--	--	--	--	--	--	--
Mcswain (CA)	--	--	--	422	--	--	--	--	--	--	--
Parker (CA)	--	--	--	35	--	--	--	--	--	--	--
Merrilan Light & Water Dept	--	--	--	33	--	--	--	--	--	--	*
Merrilan (WI)	--	--	--	33	--	--	--	--	--	--	*
Metlakatla Power & Light	--	526	--	1,541	--	--	--	1	--	--	2
Centennial (AK)	--	526	--	--	--	--	--	1	--	--	2
Chester Lake (AK)	--	--	--	487	--	--	--	--	--	--	--
Leffel Turbine (AK)	--	--	--	1,054	--	--	--	--	--	--	--
Metropolitan Edison Co (GPS)	222,870	3,479	2,880	9,206	--	--	89	8	41	231	28
Hamilton (PA)	--	128	--	--	--	--	--	*	--	--	3
Hunterstown (PA)	--	5	1,825	--	--	--	--	*	28	--	3
Mountain (PA)	--	313	906	--	--	--	--	1	12	--	3
Orrtanna (PA)	--	114	--	--	--	--	--	*	--	--	2
Portland (PA)	116,248	1,016	65	--	--	--	44	2	1	155	11
Shawnee (PA)	--	54	--	--	--	--	--	*	--	--	2
Titus (PA)	106,622	898	84	--	--	--	44	2	1	76	4
Tolna (PA)	--	951	--	--	--	--	--	3	--	--	1
Yorkhaven (PA)	--	--	--	9,206	--	--	--	--	--	--	--
Metropolitan Wtr Dist Of So Calif	--	--	--	13,182	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	--	--	--	1,797	--	--	--	--	--	--	--
Coyote Creek (CA)	--	--	--	1,650	--	--	--	--	--	--	--
Foothill Feeder (CA)	--	--	--	384	--	--	--	--	--	--	--
Greg Avenue (CA)	--	--	--	--	--	--	--	--	--	--	--
Lake Mathews (CA)	--	--	--	3,546	--	--	--	--	--	--	--
Perris (CA)	--	--	--	--	--	--	--	--	--	--	--
Red Mountain (CA)	--	--	--	--	--	--	--	--	--	--	--
Rio Hondo (CA)	--	--	--	1,050	--	--	--	--	--	--	--
San Dimas (CA)	--	--	--	--	--	--	--	--	--	--	--
Sepulv Cyn (CA)	--	--	--	--	--	--	--	--	--	--	--
Temescal (CA)	--	--	--	1,953	--	--	--	--	--	--	--
Valley View (CA)	--	--	--	--	--	--	--	--	--	--	--
Venice (CA)	--	--	--	--	--	--	--	--	--	--	--
Yorba Linda (CA)	--	--	--	2,802	--	--	--	--	--	--	--
Mich So Central Pwr Agency	24,241	119	--	--	--	--	14	*	--	23	6
Project I (MI)	24,241	119	--	--	--	--	14	*	--	23	6
Mid-State Service Company	--	--	--	266	--	--	--	--	--	--	--
Irving (MI)	--	--	--	266	--	--	--	--	--	--	--
Midwest Energy Inc	--	-168	15	--	--	--	--	--	1	--	23
Atwood (KS)	--	-1	--	--	--	--	--	--	--	--	.
Bird City (KS)	--	-19	--	--	--	--	--	--	--	--	.
Colby (KS)	--	-52	15	--	--	--	--	--	1	--	6
Ellis (KS)	--	-10	--	--	--	--	--	--	--	--	1
Great Bend (KS)	--	-14	--	--	--	--	--	--	--	--	.
Hays (KS)	--	-46	--	--	--	--	--	--	--	--	5
Hoxie (KS)	--	-1	--	--	--	--	--	--	--	--	.
Ross Beach (KS)	--	-23	--	--	--	--	--	--	--	--	11
Wakeeney (KS)	--	-2	--	--	--	--	--	--	--	--	.
Midwest Power Co	1,195,795	1,770	1,323	--	--	--	750	4	20	1,629	66
Council Bluffs (IA)	433,831	415	393	--	--	--	292	1	4	530	11
Electrifiarm (IA)	--	--	-121	--	--	--	--	--	1	--	16
Neal, George (IA)	1,964	1,334	1,240	--	--	--	458	2	13	1,099	11
Parr (IA)	--	--	-20	--	--	--	--	--	--	--	7
Pleasant Hill (IA)	--	34	--	--	--	--	--	*	--	--	12
River Hills (IA)	--	-13	-60	--	--	--	--	*	1	--	3
Sycamore (IA)	--	--	-109	--	--	--	--	--	1	--	7
Milford Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Milford (IA)	--	--	--	--	--	--	--	--	--	--	--
Minden City Of	--	--	--	--	--	--	--	--	*	--	2
Minden (LA)	--	--	--	--	--	--	--	--	*	--	2
Minneapolis City Of	--	1	45	--	--	--	--	*	*	--	*
Minneapolis (KS)	--	1	45	--	--	--	--	*	*	--	*
Minnesota Power & Light Co	612,933	701	--	45,366	--	--	361	1	--	358	6
Aurora (MN)	23,887	89	--	--	--	--	18	*	--	18	*
Blanchard (MN)	--	--	--	5,378	--	--	--	--	--	--	--
Boswell, Clay (MN)	589,046	612	--	--	--	--	342	1	--	340	6
Fond Du Lac (MN)	--	--	--	5,483	--	--	--	--	--	--	--
Hibbard, M L (MN)	--	--	--	--	--	--	--	--	--	--	--
Knife Falls (MN)	--	--	--	895	--	--	--	--	--	--	--
Little Falls (MN)	--	--	--	2,271	--	--	--	--	--	--	--
Pillager (MN)	--	--	--	589	--	--	--	--	--	--	--
Prairie River (MN)	--	--	--	160	--	--	--	--	--	--	--
Scanlon (MN)	--	--	--	796	--	--	--	--	--	--	--
Sylvan (MN)	--	--	--	485	--	--	--	--	--	--	--
Thompson (MN)	--	--	--	27,820	--	--	--	--	--	--	--
Winton (MN)	--	--	--	1,489	--	--	--	--	--	--	--
Minnkota Power Coop, Inc	201,133	395	--	--	--	--	173	1	--	501	4
Grand Forks (ND)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	201,133	395	--	--	--	--	173	1	--	501	4
Mission Valley Power											
Hellroaring (MT)	--	--	--	88	--	--	--	--	--	--	--
				88	--	--					
Mississippi Power & Light Co											
(MSU)	--	3	62,239	--	--	--	--	*	701	--	747
Andrus (MS)	--	--	--	--	--	--	--	--	--	--	446
Brown, Rex (MS)	--	3	1,571	--	--	--	--	*	29	--	36
Delta (MS)	--	--	--	--	--	--	--	--	--	--	58
Natchez (MS)	--	--	--	--	--	--	--	--	--	--	3
Wilson, B (MS)	--	--	60,668	--	--	--	--	--	673	--	204
Mississippi Power Co (SC)	551,442	6,438	46,425	--	--	--	245	14	1,124	497	69
Daniel, Victor J Jr. (MS)	231,559	623	--	--	--	--	112	1	--	328	4
Eaton (MS)	--	1,466	2	--	--	--	--	3	*	--	6
Standard Oil (MS)	--	--	43,781	--	--	--	--	--	1,095	--	--
Sweatt (MS)	--	1,195	167	--	--	--	--	4	3	--	32
Watson (MS)	319,883	3,154	2,475	--	--	--	133	6	26	168	26
Missouri Basin Mun Power											
Agency	--	--	--	--	--	--	--	--	--	--	--
Watertown (SD)	--	--	--	--	--	--	--	--	--	--	--
Modesto Irrigation Dist											
McClure (CA)	--	-2	-24	-1	--	--	--	*	*	--	18
New Hogan (CA)	--	-2	-24	--	--	--	--	*	*	--	18
Stone Drop (CA)	--	--	--	-1	--	--	--	--	--	--	--
Monongahela Power Co (APS)	2,787,472	4,267	674	--	--	--	1,077	7	6	2,525	21
Albright (WV)	103,090	359	--	--	--	--	47	1	--	141	2
Fort Martin (WV)	653,805	2,257	--	--	--	--	245	4	--	716	5
Harrison (WV)	1,241,823	--	674	--	--	--	454	--	6	800	3
Pleasants (WV)	722,543	1,491	--	--	--	--	300	3	--	759	10
Rivesville (WV)	9,776	55	--	--	--	--	5	*	--	43	1
Willow Island (WV)	56,435	105	--	--	--	--	25	*	--	66	*
Monroe City Of											
Monroe (MO)	--	29	5	--	--	--	--	*	*	--	1
	--	29	5	--	--	--	--	*	*	--	1
Monroe Power And Light Dept											
Lower (UT)	--	--	--	259	--	--	--	--	--	--	--
Mon Pump St (UT)	--	--	--	122	--	--	--	--	--	--	--
Monroe Upr (UT)	--	--	--	29	--	--	--	--	--	--	--
	--	--	--	108	--	--	--	--	--	--	--
Montana Power Company, The	1,060,811	947	267	237,082	--	--	673	2	2	810	16
Black Eagle (MT)	--	--	--	10,469	--	--	--	--	--	--	--
Cochrane (MT)	--	--	--	20,605	--	--	--	--	--	--	--
Colstrip (MT)	957,588	947	--	--	--	--	608	2	--	750	15
Corette, J E (MT)	103,223	--	267	--	--	--	66	--	2	60	--
Frank Bird (MT)	--	--	--	--	--	--	--	--	--	--	--
Hauser Lake (MT)	--	--	--	9,806	--	--	--	--	--	--	--
Holter (MT)	--	--	--	17,388	--	--	--	--	--	--	--
Kerr (MT)	--	--	--	66,595	--	--	--	--	--	--	--
Lake Diesel (MT)	--	--	--	--	--	--	--	--	--	--	--
Madison (MT)	--	--	--	5,479	--	--	--	--	--	--	--
Milltown (MT)	--	--	--	1,625	--	--	--	--	--	--	--
Morony (MT)	--	--	--	22,211	--	--	--	--	--	--	--
Mystic Lake (MT)	--	--	--	1,405	--	--	--	--	--	--	--
Rainbow (MT)	--	--	--	20,690	--	--	--	--	--	--	--
Ryan (MT)	--	--	--	35,221	--	--	--	--	--	--	--
Thompson Falls (MT)	--	--	--	25,588	--	--	--	--	--	--	--
Yellowstone (MT)	--	--	--	--	--	--	--	*	--	--	1
Montana-Dakota Utilities Co	308,514	990	1,054	--	--	--	259	2	13	302	6

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)	252,552	990	--	--	--	--	207	2	--	251	2
Glendive (MT)	--	--	713	--	--	--	--	--	9	--	2
Heskett (ND)	32,169	--	--	--	--	--	30	--	--	39	--
Lewis & Clark (MT)	23,793	--	7	--	--	--	23	--	--	12	--
Miles City (MT)	--	--	339	--	--	--	--	--	4	--	1
Williston (ND)	--	--	-5	--	--	--	--	--	--	--	--
Montaup Electric Co (EU)	13,228	4,792	--	--	--	--	6	10	--	100	90
Somerset (MA)	13,228	4,792	--	--	--	--	6	10	--	100	90
Montezuma Mun Elec Lt & Pwr ...	--	--	--	--	--	--	--	--	--	--	*
Montezuma (IA)	--	--	--	--	--	--	--	--	--	--	*
Moon Lake Electric Assn. Inc.	--	--	--	727	--	--	--	--	--	--	--
Uintah (UT)	--	--	--	500	--	--	--	--	--	--	--
Yellowstone (UT)	--	--	--	227	--	--	--	--	--	--	--
Moorhead Public Service Dept.	--	1	--	--	--	--	--	*	--	2	*
Moorhead (MN)	--	1	--	--	--	--	--	*	--	2	*
Moose Lake Public Util Comm.	--	--	--	--	--	--	--	--	--	--	*
Moose Lake (MN)	--	--	--	--	--	--	--	--	--	--	*
Mora Municipal Electric Utility.	--	--	--	--	--	--	--	--	--	--	--
Mora (MN)	--	--	--	--	--	--	--	--	--	--	--
Morgan City City Of.	--	--	3,454	--	--	--	--	--	47	--	--
Morgan City (LA)	--	--	3,454	--	--	--	--	--	47	--	--
Morrisville Water & Light Dept.	--	--	--	554	--	--	--	--	--	--	--
Cadys Falls (VT)	--	--	--	215	--	--	--	--	--	--	--
Morrisville (VT)	--	--	--	296	--	--	--	--	--	--	--
W K Sanders (VT)	--	--	--	43	--	--	--	--	--	--	--
Mount Pleasant Mun Utils.	--	1	--	--	--	--	--	*	--	--	*
Mt Pleasant (IA)	--	1	--	--	--	--	--	*	--	--	*
Mount Pleasant Municipal.	--	--	--	210	--	--	--	--	--	--	--
Lower (UT)	--	--	--	70	--	--	--	--	--	--	--
Upper (UT)	--	--	--	140	--	--	--	--	--	--	--
Mountain Lake Municipal Util.	--	--	--	--	--	--	--	--	--	--	--
Mountain Lake (MN)	--	--	--	--	--	--	--	--	--	--	--
Mullen, Village Of.	--	2	--	--	--	--	--	*	--	--	*
Mullen (NE)	--	2	--	--	--	--	--	*	--	--	*
Mulvane City Of.	--	--	--	--	--	--	--	--	--	--	*
Mulvane (KS)	--	--	--	--	--	--	--	--	--	--	*
Murray City Corporation.	--	1	7	237	--	--	--	*	*	--	*
Diesel (UT)	--	1	7	--	--	--	--	*	*	--	*
Little Cottonwood (UT)	--	--	--	237	--	--	--	--	--	--	--
Muscatine City Of.	58,365	9	65	--	--	--	32	*	1	72	2
Muscatine (IA)	58,365	9	65	--	--	--	32	*	1	72	2
Muscoda Light & Water Comm.	--	--	--	--	--	--	--	--	--	--	--
Muscoda (WI)	--	--	--	--	--	--	--	--	--	--	--
Naknek Electric Assn, Inc.	--	1,490	--	--	--	--	--	3	--	--	16
Naknek (AK)	--	1,490	--	--	--	--	--	3	--	--	16
Nantahala Power & Light Co.	--	--	--	52,589	--	--	--	--	--	--	--
Bear Creek (NC)	--	--	--	4,490	--	--	--	--	--	--	--
Bryson (NC)	--	--	--	415	--	--	--	--	--	--	--
Cedar Cliff (NC)	--	--	--	3,231	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Dillsboro (NC)	--	--	--	91	--	--	--	--	--	--	--
Franklin (NC)	--	--	--	524	--	--	--	--	--	--	--
Mission (NC)	--	--	--	334	--	--	--	--	--	--	--
Nantahala (NC)	--	--	--	30,554	--	--	--	--	--	--	--
Queens Creek (NC)	--	--	--	787	--	--	--	--	--	--	--
Tennessee Creek (NC)	--	--	--	5,102	--	--	--	--	--	--	--
Thorpe (NC)	--	--	--	6,079	--	--	--	--	--	--	--
Tuckasegee (NC)	--	--	--	982	--	--	--	--	--	--	--
Nantucket Electric Company	--	7,321	--	--	--	--	--	12	--	--	6
Nantucket (MA)	--	7,321	--	--	--	--	--	12	--	--	6
Natchitoches City Of	--	--	--	--	--	--	--	--	--	--	--
Natchitoches (LA)	--	--	--	--	--	--	--	--	--	--	--
National Hydro	--	--	--	1,909	--	--	--	--	--	--	--
Dayton (IL)	--	--	--	1,909	--	--	--	--	--	--	--
Nebraska City Utilities	--	54	845	--	--	--	--	*	9	--	--
Nebraska City (NE)	--	40	630	--	--	--	--	*	7	--	--
Syracuse No 2 (NE)	--	14	215	--	--	--	--	*	2	--	--
Nebraska Public Power District ...	824,314	175	3,481	14,978	68,636	--	486	*	38	865	17
Columbus (NE)	--	--	--	921	--	--	--	--	--	--	--
Cooper (NE)	--	--	--	--	68,636	--	--	--	--	--	--
David City (NE)	--	2	7	--	--	--	--	*	*	--	*
Gentleman (NE)	764,973	--	2,933	--	--	--	447	--	32	706	7
Hallam (NE)	--	--	478	--	--	--	--	--	6	--	3
Hebron (NE)	--	63	--	--	--	--	--	*	--	--	2
Kearney (NE)	--	--	--	--	--	--	--	--	--	--	--
Lyons (NE)	--	2	--	--	--	--	--	*	--	--	*
Madison (NE)	--	2	6	--	--	--	--	*	*	--	*
Mr Cook (NE)	--	71	--	--	--	--	--	*	--	--	3
Minnechaduza (NE)	--	--	--	--	--	--	--	--	--	--	--
Mobile (NE)	--	--	--	--	--	--	--	--	--	--	--
Monroe (NE)	--	--	--	1,963	--	--	--	--	--	--	--
North Platte (NE)	--	--	--	10,682	--	--	--	--	--	--	--
Ord (NE)	--	28	7	--	--	--	--	*	*	--	*
Schuyler (NE)	--	--	--	--	--	--	--	--	--	--	*
Sheldon (NE)	59,341	--	45	--	--	--	39	--	1	159	--
Spencer (NE)	--	--	--	1,412	--	--	--	--	--	--	--
Sutherland (NE)	--	6	--	--	--	--	--	*	--	--	*
Wakefield (NE)	--	1	5	--	--	--	--	*	*	--	*
Neodesha City Of	--	1	8	--	--	--	--	*	*	--	*
Neodesha (KS)	--	1	8	--	--	--	--	*	*	--	*
Nevada Irrigation District	--	--	--	1,743	--	--	--	--	--	--	--
Combie No (CA)	--	--	--	58	--	--	--	--	--	--	--
Combie So (CA)	--	--	--	1,028	--	--	--	--	--	--	--
Scott Flat (CA)	--	--	--	657	--	--	--	--	--	--	--
Nevada Irrigation District	--	--	--	49,291	--	--	--	--	--	--	--
Bowman (CA)	--	--	--	592	--	--	--	--	--	--	--
Chicago Park (CA)	--	--	--	23,786	--	--	--	--	--	--	--
Dutch Flat No.2 (CA)	--	--	--	15,668	--	--	--	--	--	--	--
Rollins (CA)	--	--	--	9,245	--	--	--	--	--	--	--
Nevada Power Company	211,830	918	29,135	--	--	--	127	2	332	320	103
Clark (NV)	--	--	4,946	--	--	--	--	--	70	--	61
Gardner, Reid (NV)	211,830	918	--	--	--	--	127	2	--	320	7
Sun Peak (NV)	--	--	403	--	--	--	--	--	5	--	--
Sunrise (NV)	--	--	23,786	--	--	--	--	--	257	--	35
New England Power Co (NEES) ...	878,750	190,582	--	70,473	--	--	325	360	--	361	1,057
Bear Swamp (MA)	--	--	--	16,880	--	--	--	--	--	--	--
Bellows Falls (VT)	--	--	--	15,296	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)											
Brayton Point (MA)	706,832	99,950	--	--	--	--	256	188	--	252	601
Comerford (NH)	--	--	--	14,866	--	--	--	--	--	--	--
Deerfield No. 2 (MA)	--	--	--	2,365	--	--	--	--	--	--	--
Deerfield No. 3 (MA)	--	--	--	2,930	--	--	--	--	--	--	--
Deerfield No. 4 (MA)	--	--	--	2,548	--	--	--	--	--	--	--
Deerfield No. 5 (MA)	--	--	--	--	--	--	--	--	--	--	--
Fife Brook (MA)	--	--	--	3,393	--	--	--	--	--	--	--
Gloucester (MA)	--	2,930	--	--	--	--	--	5	--	--	2
Harriman (VT)	--	--	--	9,178	--	--	--	--	--	--	--
Manchester Street (RI)	--	7,454	--	--	--	--	--	18	--	--	71
McIndoes (NH)	--	--	--	3,442	--	--	--	--	--	--	--
Moore (NH)	--	--	--	10,245	--	--	--	--	--	--	--
Newburyport (MA)	--	446	--	--	--	--	--	1	--	--	1
Salem Harbor (MA)	171,918	79,802	--	--	--	--	69	148	--	109	382
Searsburg (VT)	--	--	--	1,991	--	--	--	--	--	--	--
Sherman (MA)	--	--	--	2,826	--	--	--	--	--	--	--
South Street (RI)	--	--	--	--	--	--	--	--	--	--	--
Vernon (NH)	--	--	--	5,718	--	--	--	--	--	--	--
Vernon (VT)	--	--	--	2,807	--	--	--	--	--	--	--
Wilder (NH)	--	--	--	7,398	--	--	--	--	--	--	--
Wilder (VT)	--	--	--	2,350	--	--	--	--	--	--	--
New Hampton Mun Light Plant	--	--	--	--	--	--	--	--	--	--	*
New Hampton (IA)	--	--	--	--	--	--	--	--	--	--	*
New Lisbon Mun Electric Dept	--	--	1	--	--	--	--	--	*	--	*
New Lisbon (WI)	--	--	1	--	--	--	--	--	*	--	*
New Orleans Public Service											
(MSU)	--	1,411	242,635	--	--	--	--	2	2,548	--	144
Michoud (LA)	--	1,382	242,635	--	--	--	--	2	2,548	--	142
Paterson, A B (LA)	--	29	--	--	--	--	--	*	--	--	2
New Prague Mun Utils Comm	--	5	8	--	--	--	--	*	*	--	1
New Prague (MN)	--	5	8	--	--	--	--	*	*	--	1
New Roads Light & Water Plant	--	--	--	--	--	--	--	--	--	--	1
New Roads (LA)	--	--	--	--	--	--	--	--	--	--	1
New Smyrna Beach City Of	--	62	--	--	--	--	--	*	--	--	2
Causeway (FL)	--	--	--	--	--	--	--	--	--	--	--
Glencoe Road (FL)	--	--	--	--	--	--	--	--	--	--	--
New Smyrna (FL)	--	45	--	--	--	--	--	*	--	--	1
W E Swoope (FL)	--	17	--	--	--	--	--	*	--	--	1
New Ulm Pub Utils Comm	321	--	2,355	--	--	--	*	--	66	4	4
New Ulm (MN)	321	--	2,355	--	--	--	*	--	66	4	4
New York State Elec & Gas Corp	907,820	919	--	27,120	--	--	362	2	--	823	9
Cadyville (NY)	--	--	--	1,678	--	--	--	--	--	--	--
Goudey (NY)	78,996	158	--	--	--	--	33	*	--	33	1
Greenidge (NY)	100,655	370	--	--	--	--	43	1	--	85	1
Harris Lake (NY)	--	-7	--	--	--	--	--	--	--	--	*
Hickling (NY)	51,025	--	--	--	--	--	35	--	--	34	--
High Falls (NY)	--	--	--	9,980	--	--	--	--	--	--	--
Jennison (NY)	--	--	--	3,396	--	--	--	--	--	32	--
Kents Falls (NY)	--	--	--	--	--	--	--	--	--	--	--
Keuka (NY)	--	--	--	--	--	--	--	--	--	--	--
Mechanicville (NY)	--	--	--	6,867	--	--	--	--	--	--	--
Mill "C" (NY)	--	--	--	1,825	--	--	--	--	--	--	--
Milliken (NY)	192,276	304	--	--	--	--	70	1	--	175	2
Rainbow Falls (NY)	--	--	--	812	--	--	--	--	--	--	--
Seneca Falls (NY)	--	--	--	2,146	--	--	--	--	--	--	--
Somerset (NY)	484,868	94	--	--	--	--	181	*	--	465	4
Waterloo (NY)	--	--	--	416	--	--	--	--	--	--	--
Newberry Wtr & Lt Board	--	--	--	--	--	--	--	--	--	--	*
Newberry (MI)	--	--	--	--	--	--	--	--	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Newport Electric Corporation	--	18	--	--	--	--	--	*	--	--	2
Eldred (RI)	--	51	--	--	--	--	--	*	--	--	1
Jepson (RI)	--	-33	--	--	--	--	--	*	--	--	1
Niagara Mohawk Power Corp	666,097	462,479	89,831	222,195	732,827	--	262	743	998	507	204
Albany (NY)	--	50,186	86,499	--	--	--	--	79	965	--	206
Allens Falls (NY)	--	--	--	1,730	--	--	--	--	--	--	--
Bakers Falls (NY)	--	--	--	--	--	--	--	--	--	--	--
Baldwinsville (NY)	--	--	--	141	--	--	--	--	--	--	--
Beardslee (NY)	--	--	--	2,774	--	--	--	--	--	--	--
Beebee Island (NY)	--	--	--	3,229	--	--	--	--	--	--	--
Belfort (NY)	--	--	--	1,293	--	--	--	--	--	--	--
Bennetts Bridge (NY)	--	--	--	6,074	--	--	--	--	--	--	--
Black River (NY)	--	--	--	3,236	--	--	--	--	--	--	--
Blake (NY)	--	--	--	3,396	--	--	--	--	--	--	--
Browns Falls (NY)	--	--	--	6,328	--	--	--	--	--	--	--
Chasm (NY)	--	--	--	1,222	--	--	--	--	--	--	--
Colton (NY)	--	--	--	14,669	--	--	--	--	--	--	--
Deferiet (NY)	--	--	--	1,369	--	--	--	--	--	--	--
Dunkirk (NY)	280,662	250	--	--	--	--	107	*	--	225	1
Eagle (NY)	--	--	--	3,634	--	--	--	--	--	--	--
East Norfolk (NY)	--	--	--	1,463	--	--	--	--	--	--	--
Eel Weir (NY)	--	--	--	738	--	--	--	--	--	--	--
Effley (NY)	--	--	--	1,506	--	--	--	--	--	--	--
Elmer (NY)	--	--	--	1,062	--	--	--	--	--	--	--
Ephratah (NY)	--	--	--	1,597	--	--	--	--	--	--	--
Feeder Dam (NY)	--	--	--	2,030	--	--	--	--	--	--	--
Five Falls (NY)	--	--	--	5,321	--	--	--	--	--	--	--
Flat Rock (NY)	--	--	--	1,471	--	--	--	--	--	--	--
Franklin (NY)	--	--	--	787	--	--	--	--	--	--	--
Fulton (NY)	--	--	--	459	--	--	--	--	--	--	--
Glenwood (NY)	--	--	--	375	--	--	--	--	--	--	--
Granby (NY)	--	--	--	4,903	--	--	--	--	--	--	--
Green Island (NY)	--	--	--	3,902	--	--	--	--	--	--	--
Hannawa (NY)	--	--	--	3,500	--	--	--	--	--	--	--
Herrings (NY)	--	--	--	1,786	--	--	--	--	--	--	--
Heuvelton (NY)	--	--	--	532	--	--	--	--	--	--	--
High Dam (NY)	--	--	--	3,688	--	--	--	--	--	--	--
High Falls (NY)	--	--	--	3,369	--	--	--	--	--	--	--
Higley (NY)	--	--	--	2,178	--	--	--	--	--	--	--
Hogansburg (NY)	--	--	--	241	--	--	--	--	--	--	--
Huntley, C R (NY)	385,435	977	--	--	--	--	155	2	--	282	1
Hydraulic Race (NY)	--	--	--	--	--	--	--	--	--	--	--
Inghams (NY)	--	--	--	1,843	--	--	--	--	--	--	--
Johnsonville (NY)	--	--	--	838	--	--	--	--	--	--	--
Kamargo (NY)	--	--	--	2,274	--	--	--	--	--	--	--
Lighthouse Hill (NY)	--	--	--	1,276	--	--	--	--	--	--	--
Macomb (NY)	--	--	--	463	--	--	--	--	--	--	--
Minetto (NY)	--	--	--	3,388	--	--	--	--	--	--	--
Moreau (NY)	--	--	--	1,521	--	--	--	--	--	--	--
Moshier (NY)	--	--	--	4,816	--	--	--	--	--	--	--
Nine Mile Point (NY)	--	73	--	--	732,827	--	--	*	--	--	2
Norfolk (NY)	--	--	--	1,779	--	--	--	--	--	--	--
Norwood (NY)	--	--	--	864	--	--	--	--	--	--	--
Oak Orchard (NY)	--	--	--	--	--	--	--	--	--	--	--
Oswegatchie (NY)	--	--	--	--	--	--	--	--	--	--	--
Oswego (NY)	--	410,993	3,332	--	--	--	--	662	33	--	993
Oswego Falls Es (NY)	--	--	--	1,012	--	--	--	--	--	--	--
Oswego Falls Ws (NY)	--	--	--	1,586	--	--	--	--	--	--	--
Parishville (NY)	--	--	--	1,068	--	--	--	--	--	--	--
Piercefild (NY)	--	--	--	937	--	--	--	--	--	--	--
Prospect (NY)	--	--	--	4,093	--	--	--	--	--	--	--
Rainbow (NY)	--	--	--	5,281	--	--	--	--	--	--	--
Raymondville (NY)	--	--	--	862	--	--	--	--	--	--	--
Schaghticoke (NY)	--	--	--	5,068	--	--	--	--	--	--	--
School Street (NY)	--	--	--	17,031	--	--	--	--	--	--	--
Schuylerville (NY)	--	--	--	-18	--	--	--	--	--	--	--
Sewalls (NY)	--	--	--	1,427	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Sherman Island (NY)	--	--	--	11,409	--	--	--	--	--	--	--
So Glens Falls (NY)	--	--	--	1,241	--	--	--	--	--	--	--
Soft Maple (NY)	--	--	--	3,662	--	--	--	--	--	--	--
South Colton (NY)	--	--	--	4,299	--	--	--	--	--	--	--
South Edwards (NY)	--	--	--	1,819	--	--	--	--	--	--	--
Spier Falls (NY)	--	--	--	15,701	--	--	--	--	--	--	--
Stark (NY)	--	--	--	4,343	--	--	--	--	--	--	--
Stewarts Bridge (NY)	--	--	--	10,427	--	--	--	--	--	--	--
Stuyvesant Falls (NY)	--	--	--	250	--	--	--	--	--	--	--
Sugar Island (NY)	--	--	--	2,571	--	--	--	--	--	--	--
Taylorville (NY)	--	--	--	2,865	--	--	--	--	--	--	--
Trenton (NY)	--	--	--	7,938	--	--	--	--	--	--	--
Varick (NY)	--	--	--	2,416	--	--	--	--	--	--	--
Waterport (NY)	--	--	--	1,082	--	--	--	--	--	--	--
West, E J (NY)	--	--	--	4,510	--	--	--	--	--	--	--
Yaleville (NY)	--	--	--	250	--	--	--	--	--	--	--
Niles Board Of Public Works	--	--	--	--	--	--	--	--	--	--	--
Niles (MI)	--	--	--	--	--	--	--	--	--	--	--
Nodak Rural Elec Coop Inc	--	--	--	--	--	--	--	--	--	--	--
Mobile (ND)	--	--	--	--	--	--	--	--	--	--	--
Nome Light And Power Utilities	--	2,698	--	--	--	--	--	3	--	--	1
Snake River (AK)	--	2,698	--	--	--	--	--	3	--	--	1
North American Hydro Inc	--	--	--	--	--	--	--	--	--	--	--
Wautoma (WI)	--	--	--	--	--	--	--	--	--	--	--
North Branch Lt & Pwr Comm	--	--	--	--	--	--	--	--	--	--	--
North Branch (MN)	--	--	--	--	--	--	--	--	--	--	--
North Central Power Co Inc	--	--	--	1,153	--	--	--	--	--	--	*
Arpin (WI)	--	--	--	920	--	--	--	--	--	--	--
Radisson (WI)	--	--	--	126	--	--	--	--	--	--	*
Winter (WI)	--	--	--	107	--	--	--	--	--	--	*
North Little Rock City Of	--	--	--	17,019	--	--	--	--	--	--	--
Murray (AR)	--	--	--	17,019	--	--	--	--	--	--	--
Northeast Missouri Elec Pwr Coop	--	--	--	--	--	--	--	--	--	--	--
South River Station (MO)	--	--	--	--	--	--	--	--	--	--	--
Northeast Nuclear Energy Co	--	--	--	--	1,891,785	--	--	--	--	--	--
Millstone (CT)	--	--	--	--	1,891,785	--	--	--	--	--	--
Northern Indiana Public Serv Co	1,211,147	--	37,522	10,907	--	--	591	--	395	1,220	--
Bailly (IN)	284,315	--	966	--	--	--	132	--	12	183	--
Michigan City (IN)	254,552	--	25,521	--	--	--	118	--	262	178	--
Mitchell, Dean H (IN)	185,068	--	885	--	--	--	104	--	10	158	--
Norway (IN)	--	--	--	4,675	--	--	--	--	--	--	--
Oakdale (IN)	--	--	--	6,232	--	--	--	--	--	--	--
Schahler, R. M. (IN)	487,212	--	10,150	--	--	--	238	--	112	701	--
Northern States Power Co	1,751,147	57,793	6,344	75,439	860,356	33,242	1,040	3	85	1,305	179
Apple River (WI)	--	--	--	1,252	--	--	--	--	--	--	--
Bay Front (WI)	3,312	--	148	--	--	8,148	3	--	3	11	--
Big Falls (WI)	--	--	--	2,814	--	--	--	--	--	--	--
Black Dog (MN)	135,637	--	3,020	--	--	--	89	--	34	67	*
Blue Lake (MN)	--	-283	--	--	--	--	--	*	--	--	17
Cedar Falls (WI)	--	--	--	2,809	--	--	--	--	--	--	--
Chippewa Falls (WI)	--	--	--	6,111	--	--	--	--	--	--	--
Cornell (WI)	--	--	--	7,153	--	--	--	--	--	--	--
Dells (WI)	--	--	--	4,037	--	--	--	--	--	--	--
Flambeau (WI)	--	--	-11	--	--	--	--	--	*	--	4
French Island (WI)	--	-112	7	--	--	5,811	--	--	*	--	27

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Granite City (MN)	--	--	3	--	--	--	--	--	6	--	4
Hayward (WI)	--	--	--	139	--	--	--	--	--	--	--
Hennepin Island (MN)	--	--	--	6,820	--	--	--	--	--	--	--
High Bridge (MN)	94,928	--	2,123	--	--	--	64	--	24	8	9
Holcombe (WI)	--	--	--	7,312	--	--	--	--	--	--	--
Holland (MN)	--	--	--	--	--	35	--	--	--	--	--
Inver Hills (MN)	--	-111	--	--	--	--	--	--	--	--	51
Jim Falls (WI)	--	--	--	11,288	--	--	--	--	--	--	--
Key City (MN)	--	-2	-3	--	--	--	--	--	1	--	3
King (MN)	265,871	47,541	29	--	--	1,051	142	--	--	169	--
Ladysmith (WI)	--	--	--	840	--	--	--	--	--	--	--
Menomonie (WI)	--	--	--	2,048	--	--	--	--	--	--	--
Minnesota Valley (MN)	9,014	15	295	--	--	--	6	--	4	3	--
Monticello (MN)	--	--	--	--	70,712	--	--	--	--	--	--
Pathfinder (SD)	--	--	171	--	--	--	--	--	5	--	--
Prairie Island (MN)	--	--	--	--	789,644	--	--	--	--	--	--
Redwing (MN)	--	--	148	--	--	8,160	--	--	3	--	--
Riverdale (WI)	--	--	--	238	--	--	--	--	--	--	--
Riverside (MN)	169,021	10,307	378	--	--	--	101	--	4	49	3
Saxon Falls (MI)	--	--	--	1,067	--	--	--	--	--	--	--
Sherburne County (MN)	1,073,364	776	--	--	--	--	635	1	--	999	6
St Croix Falls (WI)	--	--	--	7,952	--	--	--	--	--	--	--
Superior Falls (MI)	--	--	--	1,187	--	--	--	--	--	--	--
Thornapple (WI)	--	--	--	797	--	--	--	--	--	--	--
Trego (WI)	--	--	--	580	--	--	--	--	--	--	--
West Faribault (MN)	--	--	-22	--	--	--	--	--	--	--	--
Wheaton (WI)	--	-338	--	--	--	--	--	--	--	--	56
White River (WI)	--	--	--	393	--	--	--	--	--	--	--
Wilmarth (MN)	--	--	58	--	--	10,037	--	--	1	--	--
Wissota (WI)	--	--	--	10,602	--	--	--	--	--	--	--
Northway Power & Light Inc											
Northway (AK)	--	--	--	--	--	--	--	--	--	--	--
Northwestern Public Service											
Company	--	-52	33	--	--	--	--	--	2	--	20
Aberdeen (SD)	--	-2	--	--	--	--	--	--	--	--	9
Clark (SD)	--	-10	--	--	--	--	--	--	--	--	--
Faulkton (SD)	--	-7	--	--	--	--	--	--	--	--	--
Highmore (SD)	--	6	--	--	--	--	--	--	--	--	--
Huron (SD)	--	--	55	--	--	--	--	--	2	--	8
Mobile (SD)	--	-8	--	--	--	--	--	--	--	--	--
Redfield (SD)	--	-8	-16	--	--	--	--	--	--	--	--
Webster (SD)	--	-16	--	--	--	--	--	--	--	--	--
Yankton New (SD)	--	-7	-6	--	--	--	--	--	--	--	1
Northwestern Wisconsin Elec Co											
Black Brook (WI)	--	-44	--	1,106	--	--	--	--	--	--	2
Clam Falls (WI)	--	--	--	220	--	--	--	--	--	--	--
Clam Falls (WI)	--	--	--	40	--	--	--	--	--	--	--
Clam River Dam (WI)	--	--	--	365	--	--	--	--	--	--	--
Danbury (WI)	--	-31	--	481	--	--	--	--	--	--	1
Frederic (WI)	--	-8	--	--	--	--	--	--	--	--	--
Grantsburg (WI)	--	-5	--	--	--	--	--	--	--	--	--
Northwood City Of Mun Lt & Pwr											
Northwood (ND)	--	--	--	--	--	--	--	--	--	--	--
Norton City Of											
Norton (KS)	--	11	10	--	--	--	--	--	--	--	--
Norton (KS)	--	11	10	--	--	--	--	--	--	--	--
Norway Electric Light Dept											
Norway (MI)	--	--	--	1,968	--	--	--	--	--	--	--
Norway (MI)	--	--	--	1,968	--	--	--	--	--	--	--
Norwich Dept Of Pub Utils											
North Main (CT)	--	20	--	1,509	--	--	--	--	--	--	1
North Main (CT)	--	20	--	--	--	--	--	--	--	--	1
Occum (CT)	--	--	--	375	--	--	--	--	--	--	--
10Th Street (CT)	--	--	--	823	--	--	--	--	--	--	--
2Nd Street (CT)	--	--	--	311	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Nushagak Electric Coop, Inc	--	1,167	--	--	--	--	--	2	--	--	8
Dillingham (AK)	--	1,167	--	--	--	--	--	2	--	--	8
Oakdale & South San Joaquin	--	--	--	54,199	--	--	--	--	--	--	--
Beardsley (CA)	--	--	--	3,931	--	--	--	--	--	--	--
Donnels (CA)	--	--	--	39,723	--	--	--	--	--	--	--
Sand Bar (CA)	--	--	--	7,663	--	--	--	--	--	--	--
Tulloch (CA)	--	--	--	2,882	--	--	--	--	--	--	--
Oakely City Of	--	--	--	--	--	--	--	--	--	--	--
Oakely (KS)	--	--	--	--	--	--	--	--	--	--	--
Oberlin City Of	--	--	--	--	--	--	--	--	--	--	--
Oberlin (KS)	--	--	--	--	--	--	--	--	--	--	--
Oberlin Mun Lt Pwr System	--	17	374	--	--	--	--	*	4	--	1
Oberlin (OH)	--	17	374	--	--	--	--	*	4	--	1
Oconto Electric Coop	--	--	--	480	--	--	--	--	--	--	--
Stiles (WI)	--	--	--	480	--	--	--	--	--	--	--
Odessa City Of	--	5	8	--	--	--	--	*	*	--	1
Odessa (MO)	--	5	8	--	--	--	--	*	*	--	1
Ogden Municipal Utilities	--	9	--	--	--	--	--	*	--	--	*
Ogden (IA)	--	9	--	--	--	--	--	*	--	--	*
Oglethorpe Power Corporation	--	--	--	890	--	--	--	--	--	--	--
Tallassee (GA)	--	--	--	890	--	--	--	--	--	--	--
Ohio Edison Company	1,494,803	1,816	--	--	--	252	646	4	--	1,153	33
Burger, R E (OH)	193,689	106	--	--	--	--	94	*	--	309	2
Edgewater (OH)	56,105	431	--	--	--	--	29	1	--	5	7
Gorge Steam (OH)	--	--	--	--	--	--	--	--	--	--	--
Mad River (OH)	--	80	--	--	--	--	--	*	--	--	14
Niles (OH)	130,195	58	--	--	--	--	59	*	--	90	7
Sammis (OH)	1,047,809	845	--	--	--	--	422	1	--	733	3
Toronto (OH)	67,005	296	--	--	--	252	42	1	--	16	*
West Lorain (OH)	--	--	--	--	--	--	--	--	--	--	--
Ohio Power Co (AEP)	3,041,053	6,057	--	6,691	--	--	1,242	10	--	3,768	75
Gavin, Gen J M (OH)	1,345,932	1,297	--	--	--	--	563	2	--	2,187	36
Kammer (WV)	443,400	137	--	--	--	--	171	*	--	341	2
Mitchell (WV)	636,265	2,589	--	--	--	--	252	4	--	493	31
Muskingum River (OH)	615,456	2,034	--	--	--	--	256	3	--	747	6
Racine (OH)	--	--	--	6,691	--	--	--	--	--	--	--
Tidd (OH)	--	--	--	--	--	--	--	--	--	--	--
Ohio Valley Electric Corporation	583,296	553	--	--	--	--	229	1	--	917	1
Kyger Creek (OH)	583,296	553	--	--	--	--	229	1	--	917	1
Oklahoma Gas & Electric Co	1,107,924	513	434,656	--	--	--	646	1	4,484	1,629	475
Arbuckle (OK)	--	--	--	--	--	--	--	--	--	--	--
Conoco (OK)	--	--	34,916	--	--	--	--	--	328	--	--
Enid (OK)	--	--	--	--	--	--	--	--	--	--	--
Horseshoe Lake (OK)	--	212	79,625	--	--	--	--	*	815	--	79
Muskogee (OK)	459,842	--	57,847	--	--	--	277	--	621	988	41
Mustang (OK)	--	--	95,360	--	--	--	--	--	958	--	13
Seminole (OK)	--	--	166,887	--	--	--	--	--	1,763	--	319
Sooner (OK)	648,082	301	--	--	--	--	369	1	--	641	22
Woodward (OK)	--	--	21	--	--	--	--	--	*	--	1
Omaha Public Power District	480,711	737	2,513	--	321,400	--	312	2	30	583	27
Fort Calhoun (NE)	--	--	--	--	321,400	--	--	--	--	--	--
Jones Street (NE)	--	-35	--	--	--	--	--	*	--	--	17
Nebraska City (NE)	282,876	772	--	--	--	--	179	1	--	339	3
North Omaha (NE)	197,835	--	2,153	--	--	--	133	--	24	245	--
Sarpy (NE)	--	--	360	--	--	--	--	--	6	--	7

See footnotes at end of table

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Onawa City Of Municipal Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Onawa (IA)	--	--	--	--	--	--	--	--	--	--	--
Opelousas Elec Lt & Wtr Works Plant	--	--	--	--	--	--	--	--	--	--	--
Opelousas (LA)	--	--	--	--	--	--	--	--	--	--	--
Orange And Rockland Utilities, Inc	60,099	232,561	174,755	11,018	--	--	25	389	1,792	94	344
Bowline Point (NY)	--	228,696	156,164	--	--	--	--	381	1,593	--	225
Grahamsville (NY)	--	--	--	6,801	--	--	--	--	--	--	--
Hillburn (NY)	--	240	59	--	--	--	--	1	1	--	2
Lovett (NY)	60,099	3,577	18,487	--	--	--	25	6	196	94	114
Mongaup (NY)	--	--	--	1,003	--	--	--	--	--	--	--
Rio (NY)	--	--	--	2,154	--	--	--	--	--	--	--
Shoemaker (NY)	--	48	45	--	--	--	--	*	2	--	3
Swinging Bridge 1 (NY)	--	--	--	581	--	--	--	--	--	--	--
Swinging Bridge 2 (NY)	--	--	--	479	--	--	--	--	--	--	--
Orange City Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Orange City (IA)	--	--	--	--	--	--	--	--	--	--	--
Orcas Power & Light Company	--	--	--	--	--	--	--	--	--	--	--
Eastsound (WA)	--	--	--	--	--	--	--	--	--	--	--
Oregon Trail Elec Coop	--	--	--	115	--	--	--	--	--	--	--
Rock Creek (OR)	--	--	--	115	--	--	--	--	--	--	--
Orlando Utilities Commission	177,827	33,702	115,151	--	--	--	63	55	1,205	38	280
Indian River (FL)	--	32,657	115,151	--	--	--	--	54	1,205	--	276
Stanton (FL)	177,827	1,045	--	--	--	--	63	2	--	38	4
Oroville Wyandotte Irrig Dist	--	--	--	86,140	--	--	--	--	--	--	--
Forbestown (CA)	--	--	--	28,089	--	--	--	--	--	--	--
Kelly Ridge (CA)	--	--	--	8,128	--	--	--	--	--	--	--
Sly Creek (CA)	--	--	--	7,445	--	--	--	--	--	--	--
Woodleaf (CA)	--	--	--	42,478	--	--	--	--	--	--	--
Orrville Mun Utilities	30,594	--	65	--	--	--	17	--	1	4	--
Orrville (OH)	30,594	--	65	--	--	--	17	--	1	4	--
Osage Mun Utilities	--	1	5	--	--	--	--	*	*	--	*
Osage (KS)	--	1	5	--	--	--	--	*	*	--	*
Osage Municipal Utilities	--	--	--	--	--	--	--	--	--	--	2
Osage (IA)	--	--	--	--	--	--	--	--	--	--	2
Osawatomie City Of	--	--	--	--	--	--	--	--	--	--	*
Osawatomie (KS)	--	--	--	--	--	--	--	--	--	--	*
Osborne City Of	--	1	--	--	--	--	--	*	--	--	*
Osborne (KS)	--	1	--	--	--	--	--	*	--	--	*
Osceola City Of	--	--	--	--	--	--	--	--	--	--	--
Osceola (AR)	--	--	--	--	--	--	--	--	--	--	--
Ottawa Water & Light Dept	--	4	--	--	--	--	--	*	*	--	2
Ottawa (KS)	--	4	--	--	--	--	--	*	*	--	2
Otter Tail Power Company	284,364	495	--	2,211	--	--	240	1	--	272	19
Bemidji (MN)	--	--	--	153	--	--	--	--	--	--	--
Big Stone (SD)	241,369	418	--	--	--	--	214	1	--	263	8
Dayton Hollow (MN)	--	--	--	614	--	--	--	--	--	--	--
Hoot Lake (MN)	42,995	115	--	401	--	--	26	*	--	9	*
Jamestown (ND)	--	-23	--	--	--	--	--	*	--	--	8
Lake Preston (SD)	--	-15	--	--	--	--	--	*	--	--	3
Pisgah (MN)	--	--	--	404	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Port 148 (MN)	--	--	--	--	--	--	--	--	--	--	--
Taplin Gorge (MN)	--	--	--	411	--	--	--	--	--	--	--
Wright (MN)	--	--	--	228	--	--	--	--	--	--	--
Ottumwa Wtr Wrks & Hydro El Pl											
Ottumwa (IA)	--	--	--	493	--	--	--	--	--	--	--
Owatonna Municipal Public											
Utilities	--	--	210	--	--	--	--	--	3	--	--
Owatonna (MN)	--	--	210	--	--	--	--	--	3	--	--
Owensboro Municipal Utilities	239,128	124	--	--	--	--	110	*	--	27	1
Elmer Smith (KY)	239,128	124	--	--	--	--	110	*	--	27	1
Owensville Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Owensville (MO)	--	--	--	--	--	--	--	--	--	--	*
Oxford Mun Lt & Pwr Plant	--	--	--	--	--	--	--	--	--	--	*
Oxford (NE)	--	--	--	--	--	--	--	--	--	--	*
Pacific Gas & Electric Company ..	--	33	1,653,669	1,435,386	857,631	579,477	--	1	16,330	--	7,274
* Central Storage *	--	--	--	--	--	--	--	--	--	--	84
Alta (CA)	--	--	--	484	--	--	--	--	--	--	--
Angels (CA)	--	--	--	720	--	--	--	--	--	--	--
Balch 1 (CA)	--	--	--	2,435	--	--	--	--	--	--	--
Balch 2 (CA)	--	--	--	68,601	--	--	--	--	--	--	--
Belden (CA)	--	--	--	30,635	--	--	--	--	--	--	--
Black, James B (CA)	--	--	--	78,594	--	--	--	--	--	--	--
Bucks Creek (CA)	--	--	--	41,586	--	--	--	--	--	--	--
Butt Valley (CA)	--	--	--	4,613	--	--	--	--	--	--	--
Caribou 1 (CA)	--	--	--	14,393	--	--	--	--	--	--	--
Caribou 2 (CA)	--	--	--	23,460	--	--	--	--	--	--	--
Centerville (CA)	--	--	--	4,532	--	--	--	--	--	--	--
Chili Bar (CA)	--	--	--	5,407	--	--	--	--	--	--	--
Coal Canyon (CA)	--	--	--	181	--	--	--	--	--	--	--
Coleman (CA)	--	--	--	8,747	--	--	--	--	--	--	--
Contra Costa (CA)	--	--	292,992	--	--	--	--	--	2,839	--	695
Cow Creek (CA)	--	--	--	1,424	--	--	--	--	--	--	--
Crane Valley (CA)	--	--	--	574	--	--	--	--	--	--	--
Cresta (CA)	--	--	--	52,783	--	--	--	--	--	--	--
De Sabla (CA)	--	--	--	14,613	--	--	--	--	--	--	--
Deer Creek (CA)	--	--	--	--	--	--	--	--	--	--	--
D'ablo Canyon (CA)	--	--	--	--	857,631	--	--	--	--	--	--
Donnerville (CA)	--	-5	--	--	--	--	--	--	--	--	*
Drum 1 (CA)	--	--	--	20,588	--	--	--	--	--	--	--
Drum 2 (CA)	--	--	--	31,249	--	--	--	--	--	--	--
Dutch Flat (CA)	--	--	--	13,176	--	--	--	--	--	--	--
El Dorado (CA)	--	--	--	11	--	--	--	--	--	--	--
Electra (CA)	--	--	--	57,217	--	--	--	--	--	--	--
Haas (CA)	--	--	--	53,229	--	--	--	--	--	--	--
Halsey (CA)	--	--	--	6,716	--	--	--	--	--	--	--
Hamilton Branch (CA)	--	--	--	2,374	--	--	--	--	--	--	--
Hat Creek 1 (CA)	--	--	--	2,890	--	--	--	--	--	--	--
Hat Creek 2 (CA)	--	--	--	3,989	--	--	--	--	--	--	--
Helms (CA)	--	--	--	3,797	--	--	--	--	--	--	--
Humbolt Bay (CA)	--	--	13,866	--	--	--	--	--	211	--	94
Hunters Point (CA)	--	-22	85,482	--	--	--	--	--	991	--	309
Inskip (CA)	--	--	--	5,755	--	--	--	--	--	--	--
Kerckhoff (CA)	--	--	--	-20	--	--	--	--	--	--	--
Kerckhoff 2 (CA)	--	--	--	79,130	--	--	--	--	--	--	--
Kern (CA)	--	--	--	--	--	--	--	--	--	--	--
Kern Canyon (CA)	--	--	--	8,612	--	--	--	--	--	--	--
Kilarc (CA)	--	--	--	2,136	--	--	--	--	--	--	--
Kings River (CA)	--	--	--	25,880	--	--	--	--	--	--	--
Lime Saddle (CA)	--	--	--	633	--	--	--	--	--	--	--
Merced Falls (CA)	--	--	--	83	--	--	--	--	--	--	--
Mobile Turbine (CA)	--	--	--	--	--	--	--	--	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Morro Bay (CA)	--	--	133,486	--	--	--	--	--	1,375	--	1,052
Moss Landing (CA)	--	--	704,779	--	--	--	--	--	6,499	--	2,503
Murphys (CA)	--	--	--	2,519	--	--	--	--	--	--	--
Narrows (CA)	--	--	--	8,557	--	--	--	--	--	--	--
Newcastle (CA)	--	--	--	6,887	--	--	--	--	--	--	--
Oak Flat (CA)	--	--	--	393	--	--	--	--	--	--	--
Oakland (CA)	--	33	--	--	--	--	--	--	--	--	33
Phoenix (CA)	--	--	--	1,526	--	--	--	--	--	--	--
Pit 1 (CA)	--	--	--	35,594	--	--	--	--	--	--	--
Pit 3 (CA)	--	--	--	52,314	--	--	--	--	--	--	--
Pit 4 (CA)	--	--	--	67,579	--	--	--	--	--	--	--
Pit 5 (CA)	--	--	--	113,238	--	--	--	--	--	--	--
Pit 6 (CA)	--	--	--	53,857	--	--	--	--	--	--	--
Pit 7 (CA)	--	--	--	77,462	--	--	--	--	--	--	--
Pittsburg (CA)	--	--	331,453	--	--	--	--	--	3,514	--	2,224
Poe (CA)	--	--	--	91,630	--	--	--	--	--	--	--
Potrero (CA)	--	27	91,611	--	--	--	--	--	900	--	780
Potter Valley (CA)	--	--	--	6,791	--	--	--	--	--	--	--
PVUSA 1 (CA)	--	--	--	--	--	59	--	--	--	--	--
Rock Creek (CA)	--	--	--	84,186	--	--	--	--	--	--	--
Salt Springs (CA)	--	--	--	22,399	--	--	--	--	--	--	--
San Joaquin No. 1a (CA)	--	--	--	255	--	--	--	--	--	--	--
San Joaquin No. 2 (CA)	--	--	--	2,305	--	--	--	--	--	--	--
San Joaquin 3 (CA)	--	--	--	3,105	--	--	--	--	--	--	--
South (CA)	--	--	--	5,312	--	--	--	--	--	--	--
Spaulding No. 1 (CA)	--	--	--	205	--	--	--	--	--	--	--
Spaulding No. 2 (CA)	--	--	--	874	--	--	--	--	--	--	--
Spaulding No. 3 (CA)	--	--	--	4,428	--	--	--	--	--	--	--
Spring Gap (CA)	--	--	--	884	--	--	--	--	--	--	--
Stanislaus (CA)	--	--	--	37,657	--	--	--	--	--	--	--
The Geysers (CA)	--	--	--	--	--	579,418	--	--	--	--	--
Tiger Creek (CA)	--	--	--	37,657	--	--	--	--	--	--	--
Toadtown (CA)	--	--	--	1,113	--	--	--	--	--	--	--
Tule River (CA)	--	--	--	4,146	--	--	--	--	--	--	--
Volta (CA)	--	--	--	6,634	--	--	--	--	--	--	--
Volta 2 (CA)	--	--	--	779	--	--	--	--	--	--	--
West Point (CA)	--	--	--	10,127	--	--	--	--	--	--	--
Wise (CA)	--	--	--	10,753	--	--	--	--	--	--	--
Wise 2 (CA)	--	--	--	--	--	--	--	--	--	--	--
Wishon, A G (CA)	--	--	--	12,993	--	--	--	--	--	--	--
PacifiCorp	4,525,984	2,794	55,640	401,782	--	-161	2,537	5	652	3,281	41
American Fork (UT)	--	--	--	414	--	--	--	--	--	--	--
Ashton (ID)	--	--	--	1,955	--	--	--	--	--	--	--
Beaver Upper (UT)	--	--	--	627	--	--	--	--	--	--	--
Bend (OR)	--	--	--	268	--	--	--	--	--	--	--
Big Fork (MT)	--	--	--	265	--	--	--	--	--	--	--
Blundell (UT)	--	--	--	--	--	-161	--	--	--	--	--
Bridger, Jim (WY)	1,232,439	597	--	--	--	--	671	1	--	601	19
Carbon (UT)	122,799	--	--	--	--	--	58	--	--	56	--
Centralia (WA)	791,760	712	--	--	--	--	515	1	--	446	3
Clearwater 1 (OR)	--	--	--	5,533	--	--	--	--	--	--	--
Clearwater 2 (OR)	--	--	--	9,317	--	--	--	--	--	--	--
Cline Falls (OR)	--	--	--	464	--	--	--	--	--	--	--
Condit (WA)	--	--	--	8,263	--	--	--	--	--	--	--
Copco 1 (CA)	--	--	--	13,785	--	--	--	--	--	--	--
Copco 2 (CA)	--	--	--	17,240	--	--	--	--	--	--	--
Cove (ID)	--	--	--	36	--	--	--	--	--	--	--
Cutler (UT)	--	--	--	12,761	--	--	--	--	--	--	--
Eagle Point (OR)	--	--	--	713	--	--	--	--	--	--	--
East Side (OR)	--	--	--	1,001	--	--	--	--	--	--	--
Fall Creek (CA)	--	--	--	1,149	--	--	--	--	--	--	--
Fish Creek (OR)	--	--	--	8,328	--	--	--	--	--	--	--
Ftn Green (UT)	--	--	--	27	--	--	--	--	--	--	--
Gadsby (UT)	--	--	43,524	--	--	--	--	--	473	--	--
Grace (ID)	--	--	--	7,580	--	--	--	--	--	--	--
Granite (UT)	--	--	--	339	--	--	--	--	--	--	--

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbis)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbis)
PacifiCorp											
Hunter (emery) (UT)	616,871	108	--	--	--	--	285	*	--	908	6
Huntington Canyon (UT)	589,662	300	--	--	--	--	244	*	--	755	3
Hydro No. 1 (UT)	--	--	--	93	--	--	--	--	--	--	--
Hydro No. 2 (UT)	--	--	--	163	--	--	--	--	--	--	--
Hydro No. 3 (UT)	--	--	--	94	--	--	--	--	--	--	--
Iron Gate (CA)	--	--	--	11,914	--	--	--	--	--	--	--
John C Boyle (OR)	--	--	--	44,353	--	--	--	--	--	--	--
Johnston, Dave (WY)	536,830	981	--	--	--	--	366	2	--	215	2
Last Chance (UT)	--	--	--	331	--	--	--	--	--	--	--
Lemolo 1 (OR)	--	--	--	6,793	--	--	--	--	--	--	--
Lemolo 2 (OR)	--	--	--	15,882	--	--	--	--	--	--	--
Little Mountain (UT)	--	--	10,633	--	--	--	--	--	164	--	1
Merwin (WA)	--	--	--	44,553	--	--	--	--	--	--	--
Naches (WA)	--	--	--	--	--	--	--	--	--	--	--
Naches Drop (WA)	--	--	--	--	--	--	--	--	--	--	--
Naughton (WY)	387,157	43	1,483	--	--	--	210	*	15	300	1
Olmstead (UT)	--	--	--	430	--	--	--	--	--	--	--
Oneida (ID)	--	--	--	3,739	--	--	--	--	--	--	--
Paris (ID)	--	--	--	15	--	--	--	--	--	--	--
Pioneer (UT)	--	--	--	-6	--	--	--	--	--	--	--
Powerdale (OR)	--	--	--	4,288	--	--	--	--	--	--	--
Prospect 1 (OR)	--	--	--	3,362	--	--	--	--	--	--	--
Prospect 2 (OR)	--	--	--	21,830	--	--	--	--	--	--	--
Prospect 3 (OR)	--	--	--	4,005	--	--	--	--	--	--	--
Prospect 4 (OR)	--	--	--	652	--	--	--	--	--	--	--
Skookumchuck (WA)	--	--	--	46	--	--	--	--	--	--	--
Slide Creek (OR)	--	--	--	10,534	--	--	--	--	--	--	--
Snake Creek (UT)	--	--	--	46	--	--	--	--	--	--	--
Soda (ID)	--	--	--	700	--	--	--	--	--	--	--
Soda Springs (OR)	--	--	--	8,097	--	--	--	--	--	--	--
St Anthony (ID)	--	--	--	270	--	--	--	--	--	--	--
Stairs (UT)	--	--	--	324	--	--	--	--	--	--	--
Stayton (OR)	--	--	--	153	--	--	--	--	--	--	--
Swift No. 2 (WA)	--	--	--	17,023	--	--	--	--	--	--	--
Swift 1 (WA)	--	--	--	46,080	--	--	--	--	--	--	--
Toketee (OR)	--	--	--	24,808	--	--	--	--	--	--	--
Viva (WY)	--	--	--	69	--	--	--	--	--	--	--
Wallowa Falls (OR)	--	--	--	286	--	--	--	--	--	--	--
Weber (UT)	--	--	--	1,285	--	--	--	--	--	--	--
West Side (OR)	--	--	--	-6	--	--	--	--	--	--	--
Wyodak (WY)	248,466	53	--	--	--	--	188	*	--	--	5
Yale (WA)	--	--	--	39,311	--	--	--	--	--	--	--
Painesville Mun Lt Plant	14,263	20	356	--	--	--	10	*	6	2	2
Painesville (OH)	14,263	20	356	--	--	--	10	*	6	2	2
Palmyra City Of Bd Of Pub											
Works	--	46	165	--	--	--	--	*	1	--	*
Palmyra (MO)	--	46	165	--	--	--	--	*	1	--	*
Palmyra 2 (MO)	--	--	--	--	--	--	--	--	--	--	--
Paragould Light Plant Comm	--	--	--	--	--	--	--	--	--	--	--
Paragould (AR)	--	--	--	--	--	--	--	--	--	--	--
Paris Light & Power Dept	--	--	--	--	--	--	--	--	--	--	--
Paris (KY)	--	--	--	--	--	--	--	--	--	--	--
Parowan City Corporation	--	--	--	311	--	--	--	--	--	--	--
Center Creek (UT)	--	--	--	187	--	--	--	--	--	--	--
Paragonah (UT)	--	--	--	124	--	--	--	--	--	--	--
Pasadena City Of Wtr & Pwr											
Dept	--	--	21,721	1,340	--	--	--	--	282	--	119
Azusa (CA)	--	--	--	1,340	--	--	--	--	--	--	--
Broadway (CA)	--	--	21,733	--	--	--	--	--	261	--	105
Glenarm (CA)	--	--	-12	--	--	--	--	--	1	--	14

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Pattonsburg Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Pattonsburg (MO)	--	--	--	--	--	--	--	--	--	--	--
Paullina Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Paullina (IA)	--	--	--	--	--	--	--	--	--	--	--
Pawhuska Light & Water Plant	--	--	--	--	--	--	--	--	--	--	--
Pawhuska (OK)	--	--	--	--	--	--	--	--	--	--	--
Peabody Mun Light Plant	--	826	405	--	--	--	--	2	4	--	4
Waters River (MA)	--	826	405	--	--	--	--	2	4	--	4
Pelican Utility Company	--	81	--	140	--	--	--	*	--	--	*
Pelican (AK)	--	81	--	140	--	--	--	*	--	--	*
Pella Municipal Power & Light	4,850	--	--	--	--	--	4	--	--	2	--
Pella (IA)	4,850	--	--	--	--	--	4	--	--	2	--
Pend Oreille County P U D No 1 ..	--	--	--	28,973	--	--	--	--	--	--	--
Box Canyon (WA)	--	--	--	28,722	--	--	--	--	--	--	--
Calispel Creek (WA)	--	--	--	251	--	--	--	--	--	--	--
Pender Mun Light Plant	--	1	--	--	--	--	--	*	--	--	*
Pender (NE)	--	1	--	--	--	--	--	*	--	--	*
Pennsylvania Electric Co (GPS) ...	3,795,055	7,985	2,812	-8,232	--	--	1,476	14	29	2,709	52
Benton (PA)	--	16	--	--	--	--	--	--	--	--	--
Blossburg (PA)	--	--	193	--	--	--	--	--	3	--	--
Conemaugh (PA)	993,730	1,718	2,052	--	--	--	372	3	19	779	7
Deep Creek (MD)	--	--	--	3,633	--	--	--	--	--	--	--
Homer City (PA)	1,108,679	1,702	--	--	--	--	424	3	--	1,042	9
Keystone (PA)	1,199,431	455	--	--	--	--	461	1	--	692	9
Piney (PA)	--	--	--	9,429	--	--	--	--	--	--	--
Seneca (PA)	--	--	--	-21,294	--	--	--	--	--	--	--
Seward (PA)	127,818	425	--	--	--	--	58	1	--	74	1
Shawville (PA)	336,431	2,635	--	--	--	--	144	5	--	93	9
Warren (PA)	28,966	103	567	--	--	--	17	*	8	29	*
Wayne (PA)	--	931	--	--	--	--	--	2	--	--	16
Pennsylvania Power & Light Co ...	1,827,561	203,710	--	71,989	1,528,588	--	753	294	--	7,674	1,264
* Central Storage *	--	--	--	--	--	--	--	--	--	5,055	--
Allentown (PA)	--	88	--	--	--	--	--	*	--	--	4
Brunner Island (PA)	625,148	2,472	--	--	--	--	236	5	--	823	6
Fishbach (PA)	--	--	--	--	--	--	--	--	--	--	2
Harrisburg (PA)	--	138	--	--	--	--	--	*	--	--	5
Harwood (PA)	--	--	--	--	--	--	--	--	--	--	2
Holtwood (PA)	38,452	14,024	--	65,996	--	--	23	*	--	87	*
Jenkins (PA)	--	--	--	--	--	--	--	--	--	--	2
Loch Haven (PA)	--	2	--	--	--	--	--	*	--	--	2
Martins Creek (PA)	145,500	163,903	--	--	--	--	62	278	--	68	1,221
Montour (PA)	875,771	2,348	--	--	--	--	340	10	--	660	10
Sunbury (PA)	142,690	20,686	--	--	--	--	91	*	--	981	5
Susquehanna (PA)	--	--	--	--	1,528,588	--	--	--	--	--	--
Wallenpaupack (PA)	--	--	--	5,993	--	--	--	--	--	--	--
West Shore (PA)	--	--	--	--	--	--	--	--	--	--	2
Williamsport (PA)	--	49	--	--	--	--	--	*	--	--	2
Pennsylvania Power Co	1,373,722	4,133	--	--	--	--	576	7	--	1,187	52
Mansfield, Bruce (PA)	1,214,144	3,840	--	--	--	--	501	7	--	1,101	50
New Castle (PA)	159,578	293	--	--	--	--	75	1	--	86	1
Peru City Of Mun Pwr Plant	--	-24	--	--	--	--	--	*	--	--	1
Peru (IL)	--	-24	--	--	--	--	--	*	--	--	1
Peru Utilities	1,305	7	--	--	--	--	1	*	--	*	*
Peru (IN)	1,305	7	--	--	--	--	1	*	--	*	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Petersburg Municipal Light & Power				820							*
Petersburg (AK)	--	--	--	820	--	--	--	--	--	--	*
Philadelphia Electric Company	66,988	166,612	101,891	181,436	2,056,005	--	30	332	995	268	420
* Central Storage	--	--	--	--	--	--	--	--	--	--	15
Chester (PA)	--	2	--	--	--	--	--	*	--	--	6
Conowingo (MD)	--	--	--	222,802	--	--	--	--	--	--	--
Cromby (PA)	64,958	18,705	94,313	--	--	--	29	28	892	33	41
Croydon (PA)	--	4,318	--	--	--	--	--	10	--	--	57
Delaware (PA)	--	38,385	--	--	--	--	--	69	--	--	84
Eddystone (PA)	2,030	81,903	7,578	--	--	--	1	182	103	235	161
Falls (PA)	--	--	--	--	--	--	--	--	--	--	7
Limerick (PA)	--	--	--	--	1,071,905	--	--	--	--	--	--
Moser (PA)	--	--	--	--	--	--	--	--	--	--	8
Muddy Run (PA)	--	--	--	-41,366	--	--	--	--	--	--	--
Peach Bottom (PA)	--	--	--	--	984,100	--	--	--	--	--	--
Richmond (PA)	--	1,968	--	--	--	--	--	4	--	--	32
Schuylkill (PA)	--	21,331	--	--	--	--	--	38	--	--	4
Southwark (PA)	--	--	--	--	--	--	--	--	--	--	6
Piggott Public Improvement Dist											
1	--	4	--	--	--	--	--	*	--	--	*
Piggott (AR)	--	4	--	--	--	--	--	*	--	--	*
Piqua Municipal Power System	2,055	13	--	--	--	--	3	*	--	1	3
Piqua (OH)	2,055	13	--	--	--	--	3	*	--	1	3
Placer County Water Agency				139,590							
French Meadows (CA)	--	--	--	9,271	--	--	--	--	--	--	--
Hell Hole (WA)	--	--	--	80	--	--	--	--	--	--	--
Middle Fork (CA)	--	--	--	62,293	--	--	--	--	--	--	--
Oxbow (CA)	--	--	--	4,442	--	--	--	--	--	--	--
Ralston (CA)	--	--	--	63,504	--	--	--	--	--	--	--
Plains Elec Gen & Trans Coop, Inc	152,122	--	40	--	--	--	86	--	*	155	9
Algodones (NM)	--	--	--	--	--	--	--	--	--	--	--
Escalante (NM)	152,122	--	40	--	--	--	86	--	*	155	9
Plainview Municipal Power Plant											
Plainview (NE)	--	--	--	--	--	--	--	--	--	--	--
Plaquemine Lt & Wtr Plant											
Plaquemine (LA)	--	--	--	--	--	--	--	--	*	--	--
Platte River Power Auth	164,510	1,489	--	--	--	--	100	3	--	172	5
Rawhide (CO)	164,510	1,489	--	--	--	--	100	3	--	172	5
Ponca City Mun Wtr & Lt Dept		12	111	--	--	--	--	*	1	--	1
Ponca Steam (OK)	--	--	--	--	--	--	--	--	--	--	--
Ponca Steam (OK)	--	12	111	--	--	--	--	*	1	--	1
Portland City Of Electric Dept				150							*
Jenkins, Frank (MI)	--	--	--	--	--	--	--	--	--	--	*
Portland (MI)	--	--	--	150	--	--	--	--	--	--	--
Portland General Electric Company	233,066	78	188,150	299,169	-3,120	--	193	*	1,990	576	238
Beaver (OR)	--	--	188,150	--	--	--	--	--	1,990	--	211
Bethel (OR)	--	18	--	--	--	--	--	*	--	--	16
Boardman (OR)	233,066	60	--	--	--	--	193	*	--	576	11
Bull Run (OR)	--	--	--	13,813	--	--	--	--	--	--	--
Faraday (OR)	--	--	--	24,745	--	--	--	--	--	--	--
North Fork (OR)	--	--	--	29,149	--	--	--	--	--	--	--
Oak Grove (OR)	--	--	--	24,601	--	--	--	--	--	--	--
Pelton (OR)	--	--	--	50,122	--	--	--	--	--	--	--
Pelton Re Regulation (OR)	--	--	--	2,585	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Portland Hydro Proj 1 (OR)	--	--	--	15,655	--	--	--	--	--	--	--
Portland Hydro Proj 2 (OR)	--	--	--	--	--	--	--	--	--	--	--
River Mill (OR)	--	--	--	13,940	--	--	--	--	--	--	--
Round Butte (OR)	--	--	--	112,993	--	--	--	--	--	--	--
Sullivan (OR)	--	--	--	11,566	--	--	--	--	--	--	--
Summit (OR)	--	--	--	--	--	--	--	--	--	--	*
Trojan (OR)	--	--	--	--	-3,120	--	--	--	--	--	--
Potomac Edison Co (APS)	26,795	246	--	2,548	--	--	12	*	--	42	1
Dam 4 (WV)	--	--	--	272	--	--	--	--	--	--	--
Dam 5 (WV)	--	--	--	238	--	--	--	--	--	--	--
Harpers Ferry (WV)	--	--	--	--	--	--	--	--	--	--	--
Luray (VA)	--	--	--	912	--	--	--	--	--	--	--
Millville (WV)	--	--	--	891	--	--	--	--	--	--	--
Newport (VA)	--	--	--	180	--	--	--	--	--	--	--
Shenandoah (VA)	--	--	--	--	--	--	--	--	--	--	--
Smith, R P (MD)	26,795	246	--	--	--	--	12	*	--	42	1
Warren (VA)	--	--	--	55	--	--	--	--	--	--	--
Potomac Electric Power Co	1,138,181	319,271	20,499	--	--	--	437	595	231	1,458	994
Benning (DC)	--	4,154	--	--	--	--	--	15	--	--	97
Buzzard Point (DC)	--	-265	--	--	--	--	--	--	--	--	19
Chalk Point (MD)	353,461	285,225	15,776	--	--	--	134	527	180	513	574
Dickerson (MD)	308,652	6,947	4,723	--	--	--	117	12	51	327	34
Morgantown (MD)	282,578	19,675	--	--	--	--	106	34	--	519	268
Potomac River (VA)	193,490	3,535	--	--	--	--	81	7	--	99	1
Power Authority Of The State Of											
NY											
Ashokan (NY)	--	69,531	125,161	2,053,548	131,945	--	--	122	1,353	--	--
Astoria (NY)	--	69,531	125,161	2,123	--	--	--	--	--	--	--
Blenheim (NY)	--	--	--	-64,876	--	--	--	--	--	--	--
Crescent (NY)	--	--	--	4,464	--	--	--	--	--	--	--
Fitzpatrick (NY)	--	--	--	--	131,945	--	--	--	--	--	--
Hinckley (NY)	--	--	--	936	--	--	--	--	--	--	--
Indian Point (NY)	--	--	--	--	--	--	--	--	--	--	--
Kensico (NY)	--	--	--	--	--	--	--	--	--	--	--
Lewiston (NY)	--	--	--	-13,605	--	--	--	--	--	--	--
Moses Niagara (NY)	--	--	--	1,531,970	--	--	--	--	--	--	--
Moses Power Dam (NY)	--	--	--	588,470	--	--	--	--	--	--	--
Vischer Ferry (NY)	--	--	--	4,066	--	--	--	--	--	--	--
Pratt City Of	--	--	443	--	--	--	--	--	5	--	2
Pratt (KS)	--	--	443	--	--	--	--	--	5	--	2
Preston Public Utilities Comm	--	-21	--	--	--	--	--	--	--	--	*
Preston (MN)	--	-21	--	--	--	--	--	--	--	--	*
Preston, Town Of Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Preston (IA)	--	--	--	--	--	--	--	--	--	--	--
Primghar Municipal Lt Plant	--	--	--	--	--	--	--	--	--	--	--
Primghar (IA)	--	--	--	--	--	--	--	--	--	--	--
Princeton Mun Pwr & Lt Plant	--	26	--	--	--	--	--	*	--	--	*
Princeton (MN)	--	26	--	--	--	--	--	*	--	--	*
Princeton Municipal Utilities	--	--	--	--	--	--	--	*	--	--	*
Princeton (IL)	--	--	--	--	--	--	--	*	--	--	*
Providence Lt & Wtr	--	--	--	--	--	--	--	--	--	--	--
Providence (RI)	--	--	--	--	--	--	--	--	--	--	--
Provo City Corporation Dept Of											
Util	--	--	16	--	--	--	--	--	*	--	1
Provo (UT)	--	--	16	--	--	--	--	--	*	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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 Serv Co Of Oklahoma											
(CSW)	507,748	25	481,030	--	--	--	310	*	4,610	619	98
Comanche (OK)	--	--	145,737	--	--	--	--	*	1,215	--	*
Northeastern (OK)	507,748	5	3,900	--	--	--	310	*	62	619	*
Riverside (OK)	--	9	329,480	--	--	--	--	*	3,306	--	96
Southwestern (OK)	--	3	1,911	--	--	--	--	*	27	--	*
Tulsa (OK)	--	5	--	--	--	--	--	*	--	--	*
Weleetka (OK)	--	3	2	--	--	--	--	*	--	--	*
Public Service Co Of Colorado	1,155,774	30	23,199	4,215	--	--	637	*	312	1,990	97
Alamosa (CO)	--	--	425	--	--	--	--	--	8	--	6
Ames (CO)	--	--	--	--	--	--	--	--	--	--	--
Arapahoe (CO)	112,522	--	180	--	--	--	57	--	2	80	--
Boulder Hydro (CO)	--	--	--	1,042	--	--	--	--	--	--	--
Cabin Creek (CO)	--	--	--	-6,360	--	--	--	--	--	--	--
Cameo (CO)	31,996	1	263	--	--	--	16	*	3	41	*
Cherokee (CO)	363,713	--	5,469	--	--	--	170	--	59	353	*
Comanche (CO)	235,863	12	69	--	--	--	142	*	1	369	3
Fort Lupton (CO)	--	--	3,201	--	--	--	--	--	42	--	14
Fruita (CO)	--	17	718	--	--	--	--	*	12	--	*
Georgetown Hydro (CO)	--	--	--	160	--	--	--	--	--	--	--
Hayden (CO)	98,801	--	461	--	--	--	49	--	4	637	3
Palisade Hydro (CO)	--	--	--	1,646	--	--	--	--	--	--	--
Pawnee (CO)	297,676	--	167	--	--	--	195	--	2	406	8
Salida No. 1 Hydro (CO)	--	--	--	116	--	--	--	--	--	--	--
Salida No. 2 Hydro (CO)	--	--	--	211	--	--	--	--	--	--	--
Shoshone Hydro (CO)	--	--	--	7,400	--	--	--	--	--	--	--
Tacoma (CO)	--	--	--	--	--	--	--	--	--	--	--
Valmont (CO)	15,203	--	3,878	--	--	--	7	--	53	103	10
Zuni (CO)	--	--	8,368	--	--	--	--	--	126	--	53
Public Service Co Of New Hampshire	308,580	34,413	--	25,503	857,495	--	121	70	--	378	402
Amoskeag (NH)	--	--	--	5,472	--	--	--	--	--	--	--
Ayers Island (NH)	--	--	--	2,355	--	--	--	--	--	--	--
Canaan (VT)	--	--	--	775	--	--	--	--	--	--	--
Eastman Falls (NH)	--	--	--	1,424	--	--	--	--	--	--	--
Garvins Falls (NH)	--	--	--	2,163	--	--	--	--	--	--	--
Gorham (NH)	--	--	--	1,134	--	--	--	--	--	--	--
Hooksett (NH)	--	--	--	1,077	--	--	--	--	--	--	--
Jackman (NH)	--	--	--	459	--	--	--	--	--	--	--
Lost Nation (NH)	--	-18	--	--	--	--	--	--	--	--	2
Merrimack (NH)	271,874	-2	--	--	--	--	102	*	--	293	3
Newington (NH)	--	32,752	--	--	--	--	--	66	--	--	349
Schiller (NH)	36,706	1,700	--	--	--	--	19	3	--	85	44
Seabrook (NH)	--	--	--	--	857,495	--	--	--	--	--	--
Smith (NH)	--	--	--	10,644	--	--	--	--	--	--	--
Swans Falls (ME)	--	-2	--	--	--	--	--	--	--	--	*
White Lake (NH)	--	-17	--	--	--	--	--	--	--	--	2
Public Service Co Of New Mexico	713,024	637	-21	--	--	--	432	1	7	692	35
Las Vegas (NM)	--	-19	--	--	--	--	--	--	--	--	4
Person (NM)	--	--	--	--	--	--	--	--	--	--	--
Reeves (NM)	--	--	-21	--	--	--	--	--	7	--	--
San Juan (NM)	713,024	656	--	--	--	--	432	1	--	692	30
Public Service Elec And Gas Co	400,891	45,861	99,984	--	2,015,947	--	147	91	1,191	606	603
Bayonne (NJ)	--	-28	--	--	--	--	--	--	--	--	3
Bergen (NJ)	--	-12	21,500	--	--	--	--	--	296	--	3
Burlington (NJ)	--	-1,631	--	--	--	--	--	*	--	--	105
Edison (NJ)	--	1,620	1,826	--	--	--	--	2	29	--	50
Essex (NJ)	--	4	7,429	--	--	--	--	*	92	--	35
Hope Creek (NJ)	--	--	--	--	788,158	--	--	--	--	--	--
Hudson (NJ)	165,420	31,078	40,281	--	--	--	65	51	404	268	97
Kearny (NJ)	--	6,333	1,930	--	--	--	--	16	29	--	55
Linden (NJ)	--	-2,325	-163	--	--	--	--	--	--	--	208
Mercer (NJ)	235,471	-29	3,989	--	--	--	82	--	48	338	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
National Park (NJ)	--	-6	--	--	--	--	--	--	--	--	2
Salem (NJ)	--	121	--	--	1,227,789	--	--	*	--	--	14
Sewaren (NJ)	--	10,736	23,192	--	--	--	--	22	293	--	31
Puget Sound Power & Light											
Company	--	41	148,160	93,122	--	--	--	*	1,711	--	347
Crystal Mountain (WA)	--	--	--	--	--	--	--	--	--	--	1
Electron (WA)	--	--	--	12,804	--	--	--	--	--	--	--
Frederickson (WA)	--	35	93,836	--	--	--	--	*	1,104	--	93
Fredonia (WA)	--	--	37,984	--	--	--	--	--	417	--	101
Lower Baker (WA)	--	--	--	16,787	--	--	--	--	--	--	--
Nooksack (WA)	--	--	--	891	--	--	--	--	--	--	--
Shuffleton (WA)	--	-48	--	--	--	--	--	*	--	--	*
Snoqualmie (WA)	--	--	--	27,861	--	--	--	--	--	--	--
South Whidbey (WA)	--	--	--	--	--	--	--	--	--	--	10
Upper Baker (WA)	--	--	--	12,882	--	--	--	--	--	--	--
White River (WA)	--	--	--	21,897	--	--	--	--	--	--	--
Whitehorn (WA)	--	54	16,340	--	--	--	--	*	190	--	142
PSI Energy, Inc	2,543,784	10,240	--	7,586	--	--	1,181	19	--	2,564	37
Cayuga (IN)	474,490	228	--	--	--	--	222	*	--	401	3
Connersville (IN)	--	-13	--	--	--	--	--	*	--	--	7
Edwardsport (IN)	36,159	111	--	--	--	--	22	*	--	15	1
Gallagher, R (IN)	229,614	3,893	--	--	--	--	115	7	--	441	1
Gibson (IN)	1,457,990	2,570	--	--	--	--	650	4	--	1,487	8
Markland (IN)	--	--	--	7,586	--	--	--	--	--	--	--
Miami Wabash (IN)	--	-57	--	--	--	--	--	--	--	--	13
Noblesville (IN)	21,474	94	--	--	--	--	12	*	--	27	1
Wabash River (IN)	324,057	3,414	--	--	--	--	159	7	--	193	2
R V Light & Power	--	--	--	20	--	--	--	--	--	--	--
White River (SD)	--	--	--	20	--	--	--	--	--	--	--
Radford Mun Power Plant	--	--	--	809	--	--	--	--	--	--	--
Radford (VA)	--	--	--	809	--	--	--	--	--	--	--
Rantoul, Village Of, Lt & Pwr											
Dept	--	--	--	--	--	--	--	--	--	--	*
Rantoul (IL)	--	--	--	--	--	--	--	--	--	--	*
Raton Public Service Company	2,683	--	--	--	--	--	2	--	--	2	--
Raton (NM)	2,683	--	--	--	--	--	2	--	--	2	--
Rayne Elec Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Rayne (LA)	--	--	--	--	--	--	--	--	--	--	--
Red Bud City Of	--	--	--	--	--	--	--	--	--	--	1
Red Bud (IL)	--	--	--	--	--	--	--	--	--	--	1
Red Cloud City Of Mun Lt & Pwr											
Red Cloud (NE)	--	3	--	--	--	--	--	*	--	--	*
Red Cloud (NE)	--	3	--	--	--	--	--	*	--	--	*
Redding City Of	--	--	--	1,233	--	--	--	--	--	--	--
Whiskeytown (CA)	--	--	--	1,233	--	--	--	--	--	--	--
Redlands Water & Power Co	--	--	--	107	--	--	--	--	--	--	--
Redlands (CO)	--	--	--	107	--	--	--	--	--	--	--
Redwood Falls Pub Util Comm	--	72	--	76	--	--	--	*	--	--	3
Redwood Falls (MN)	--	72	--	76	--	--	--	*	--	--	3
Rensselaer City Of Mun Power											
Plant	--	4	--	--	--	--	--	*	--	--	*
Rensselaer (IN)	--	4	--	--	--	--	--	*	--	--	*
Renwick Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Renwick (IA)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Rich Hill City Of	--	--	--	--	--	--	--	--	--	--	--
Rich Hill (MO)	--	--	--	--	--	--	--	--	--	--	--
Richmond Power & Light	55,577	14	--	--	--	--	28	*	--	63	1
Whitewater Valley (IN)	55,577	14	--	--	--	--	28	*	--	63	1
River Falls Municipal Utilities	--	10	61	191	--	--	--	*	1	--	3
Junction (WI)	--	10	61	122	--	--	--	*	1	--	3
Poweli Falls (WI)	--	--	--	69	--	--	--	--	--	--	--
Robstown City Of	--	69	445	--	--	--	--	*	7	--	7
Robstown (TX)	--	69	445	--	--	--	--	*	7	--	7
Rochelle Municipal Utilities	--	1	6	--	--	--	--	*	1	--	1
Rochelle No. 1 (IL)	--	1	6	--	--	--	--	*	1	--	1
Rochelle No. 2 (IL)	--	--	--	--	--	--	--	--	--	--	--
Rochester City Of Elec Dept	8,185	53	253	870	--	--	5	*	4	18	3
Cascade Creek (MN)	--	53	--	--	--	--	--	*	--	--	3
Rochester (MN)	--	--	--	870	--	--	--	--	--	--	--
Silver Lake (MN)	8,185	--	253	--	--	--	5	--	4	18	--
Rochester Gas & Elec Corp	208,496	293	16	21,729	122,820	--	80	1	*	168	5
Genoa (NY)	--	--	--	--	122,820	--	--	--	--	--	--
Station 160 (NY)	--	--	--	167	--	--	--	--	--	--	--
Station 170 (NY)	--	--	--	466	--	--	--	--	--	--	--
Station 172 (NY)	--	--	--	73	--	--	--	--	--	--	--
Station 2 (NY)	--	--	--	3,896	--	--	--	--	--	--	--
Station 26 (NY)	--	--	--	1,045	--	--	--	--	--	--	--
Station 3 (NY)	53,109	49	--	--	--	--	20	*	--	34	4
Station 5 (NY)	--	--	--	16,082	--	--	--	--	--	--	--
Station 7 (NY)	155,387	244	--	--	--	--	60	*	--	134	1
Station 9 (NY)	--	--	16	--	--	--	--	--	*	--	--
Rock Port Bd Of Public Works	--	1	11	--	--	--	--	*	*	--	*
Rockport (MO)	--	1	11	--	--	--	--	*	*	--	*
Rock Rapids City Of (Util Div)	--	--	--	--	--	--	--	*	--	--	*
Rock Rapids (IA)	--	--	--	--	--	--	--	*	--	--	*
Rockford Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Rockford (IA)	--	--	--	--	--	--	--	--	--	--	--
Rockville Center El Lt Dept	--	138	97	--	--	--	--	1	2	--	2
Rockville (NY)	--	138	97	--	--	--	--	1	2	--	2
Roseau, Village Of	--	3	--	--	--	--	--	*	--	--	*
Roseau (MN)	--	3	--	--	--	--	--	*	--	--	*
Russell City Of	--	325	2,178	--	--	--	--	1	24	--	2
Russell (KS)	--	325	2,178	--	--	--	--	1	24	--	2
Ruston Water & Light Plant	--	--	10,066	--	--	--	--	--	121	--	--
Ruston (LA)	--	--	10,066	--	--	--	--	--	121	--	--
Sabetha City Of	--	6	1	--	--	--	--	*	*	--	2
Sabetha (KS)	--	6	1	--	--	--	--	*	*	--	2
Sacramento Municipal Utility Dist	--	--	703	247,347	--	80,119	--	*	13	--	3
Camino (CA)	--	--	--	51,420	--	--	--	--	--	--	--
Camp Far W (CA)	--	--	--	5,792	--	--	--	--	--	--	--
Coldwater Creek (CA)	--	--	--	--	--	36,015	--	--	--	--	--
Jaybird (CA)	--	--	--	59,806	--	--	--	--	--	--	--
Jones Fork (CA)	--	--	--	3,238	--	--	--	--	--	--	--
Loon Lake (CA)	--	--	--	5,777	--	--	--	--	--	--	--
McClellan (CA)	--	--	703	--	--	--	--	*	13	--	3
Robbs Peak (CA)	--	--	--	9,793	--	--	--	--	--	--	--
Slab Creek (CA)	--	--	--	-4	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Smudgeo (CA)	--	--	--	--	--	43,910	--	--	--	--	--
Solar (CA)	--	--	--	--	--	194	--	--	--	--	--
Union Valley (CA)	--	--	--	7,325	--	--	--	--	--	--	--
White Rock (CA)	--	--	--	104,200	--	--	--	--	--	--	--
Safe Harbor Water Power Corp ..	--	--	--	144,604	--	--	--	--	--	--	--
Safe Harbor (PA)	--	--	--	144,604	--	--	--	--	--	--	--
Salt River Proj Agri Imp Pwr Dist	1,305,450	12,003	54,246	111,147	--	--	619	21	590	2,157	492
* Central Storage *	--	--	--	--	--	--	--	--	--	--	23
Agua Fria (AZ)	--	6,488	27,654	--	--	--	--	12	297	--	211
Coronado (AZ)	206,724	1,145	--	--	--	--	111	2	--	684	18
Crosscut (AZ)	--	--	--	2,015	--	--	--	--	--	--	--
Horse Mesa (AZ)	--	--	--	64,443	--	--	--	--	--	--	--
Kyrene (AZ)	--	--	528	--	--	--	--	*	14	--	86
Mormon Flat (AZ)	--	--	--	34,323	--	--	--	--	--	--	--
Navajo (AZ)	1,098,726	4,287	--	--	--	--	507	8	--	1,472	49
Roosevelt (AZ)	--	--	--	--	--	--	--	--	--	--	--
San Tan (AZ)	--	83	26,064	--	--	--	--	*	280	--	106
South Con (AZ)	--	--	--	769	--	--	--	--	--	--	--
Stewart Mtn (AZ)	--	--	--	9,597	--	--	--	--	--	--	--
San Antonio Public Service Bd ..	805,881	497	125,969	--	--	--	486	1	1,369	766	434
Braunig, V H (TX)	--	11	37,794	--	--	--	--	*	421	--	227
Deely, J T (TX)	444,706	446	--	--	--	--	278	1	--	766	--
J K Spruce (TX)	361,175	--	362	--	--	--	208	--	4	--	--
Leon Creek (TX)	--	--	-132	--	--	--	--	--	--	--	2
Mission Road (TX)	--	--	-149	--	--	--	--	--	--	--	--
Sommers, O W (TX)	--	40	88,406	--	--	--	--	*	344	--	152
Tuttle, W B (TX)	--	--	-312	--	--	--	--	--	*	--	52
San Diego Gas & Electric											
Company	--	72	369,736	--	--	--	--	*	3,866	--	1,147
* Central Storage *	--	--	--	--	--	--	--	--	--	--	*
Division (CA)	--	--	--	--	--	--	--	--	--	--	--
El Cajon (CA)	--	--	--	--	--	--	--	--	--	--	1
Encina (CA)	--	8	149,009	--	--	--	--	*	1,625	--	724
Kearny (CA)	--	48	561	--	--	--	--	*	19	--	24
Miramar (CA)	--	--	89	--	--	--	--	--	1	--	4
Naval Station (CA)	--	--	9	--	--	--	--	--	*	--	15
Naval Training Ctr (CA)	--	--	--	--	--	--	--	--	--	--	1
North Island (CA)	--	--	--	--	--	--	--	--	*	--	4
Silver Gate (CA)	--	--	--	--	--	--	--	--	--	--	--
South Bay (CA)	--	16	220,153	--	--	--	--	*	2,215	--	374
Station B (CA)	--	--	-85	--	--	--	--	--	6	--	--
San Miguel Electric Coop	-3,940	--	--	--	--	--	--	*	--	450	15
San Miguel (TX)	-3,940	--	--	--	--	--	--	*	--	450	15
Sanborn Municipal Light Plant ..	--	--	--	--	--	--	--	--	--	--	--
Sanborn (IA)	--	--	--	--	--	--	--	--	--	--	--
Santa Clara City Of	--	2	4,268	2,976	--	--	--	*	65	--	2
Black Butte (CA)	--	--	--	--	--	--	--	--	--	--	--
Cogen Plant (CA)	--	--	4,245	--	--	--	--	--	64	--	--
Gianera (CA)	--	2	23	--	--	--	--	*	1	--	2
Highline (CA)	--	--	--	11	--	--	--	--	--	--	--
Stony Gorge (CA)	--	--	--	2,965	--	--	--	--	--	--	--
Sargent City Of	--	--	--	--	--	--	--	--	--	--	*
Sargent (NE)	--	--	--	--	--	--	--	--	--	--	*
Savannah Electric & Power Co	19,762	2,667	1,328	--	--	--	9	5	15	148	55
Boulevard (GA)	--	--	--	--	--	--	--	--	--	--	12
McIntosh (GA)	9,138	616	--	--	--	--	4	1	--	69	*
Port Wentworth (GA)	10,624	2,051	1,328	--	--	--	5	4	15	80	42
Riverside (GA)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Seaford Lt & Power	--	71	--	--	--	--	--	*	--	--	2
Seaford (DE)	--	71	--	--	--	--	--	*	--	--	2
Seattle Dept Of Lighting	--	--	--	323,385	--	--	--	--	--	--	--
Boundary (WA)	--	--	--	204,524	--	--	--	--	--	--	--
Cedar Falls (WA)	--	--	--	3,117	--	--	--	--	--	--	--
Diablo (WA)	--	--	--	36,552	--	--	--	--	--	--	--
Gorge (WA)	--	--	--	49,013	--	--	--	--	--	--	--
New Halem (WA)	--	--	--	1,203	--	--	--	--	--	--	--
Ross Dam (WA)	--	--	--	28,976	--	--	--	--	--	--	--
Sebewaing Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	*
Main Street (MI)	--	--	--	--	--	--	--	--	--	--	*
Pine Street (MI)	--	--	--	--	--	--	--	--	--	--	--
Seguin City Of	--	--	--	164	--	--	--	--	--	--	*
Seguin (TX)	--	--	--	164	--	--	--	--	--	--	*
Seminole Electric Coop Inc	688,943	2,407	--	--	--	--	287	4	--	334	7
Seminole (FL)	688,943	2,407	--	--	--	--	287	4	--	334	7
Seneca Hydroelectric Company Inc	--	--	--	--	--	--	--	--	--	--	--
Seneca (NY)	--	--	--	--	--	--	--	--	--	--	--
Seward Electric System	--	--	--	--	--	--	--	--	--	--	--
Schoonmaker (AK)	--	--	--	--	--	--	--	--	--	--	--
Sharon Springs City Of	--	--	9	--	--	--	--	--	*	--	*
Sharon Spring (KS)	--	--	9	--	--	--	--	--	*	--	*
Shelby Mun Light Plant	6,625	--	30	--	--	--	5	--	*	13	*
Shelby (OH)	6,625	--	30	--	--	--	5	--	*	13	*
Sho Me Power Cooperative	--	--	--	1,643	--	--	--	--	--	--	--
Niangua (MO)	--	--	--	1,643	--	--	--	--	--	--	--
Shrewsbury El Lt Plant	--	-82	--	--	--	--	--	--	--	--	2
Shrewsbury (MA)	--	-82	--	--	--	--	--	--	--	--	2
Sibley Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Sibley (IA)	--	--	--	--	--	--	--	--	--	--	--
Sibley (IA)	--	--	--	--	--	--	--	--	--	--	--
Sidney City Of (Electric Util)	--	10	33	--	--	--	--	*	*	--	1
Sidney (NE)	--	10	33	--	--	--	--	*	*	--	1
Sierra Pacific Power Company	215,810	6,411	166,185	1,973	--	--	113	11	1,715	198	185
Battle Mt (NV)	--	-25	--	--	--	--	--	*	--	--	*
Brunswick (NV)	--	-25	--	--	--	--	--	*	--	--	*
Elko (NV)	--	-8	--	--	--	--	--	*	--	--	*
Fallon (NV)	--	-1	--	--	--	--	--	--	--	--	--
Farad (CA)	--	--	--	-7	--	--	--	--	--	--	--
Fleish (NV)	--	--	--	860	--	--	--	--	--	--	--
Fort Churchill (NV)	--	3,818	96,444	--	--	--	--	6	905	--	76
Gabbs (NV)	--	-10	--	--	--	--	--	*	--	--	1
Kings Beach (CA)	--	-47	--	--	--	--	--	*	--	--	1
Lahontan (NV)	--	--	--	14	--	--	--	--	--	--	--
North Valmy (NV)	215,810	600	--	--	--	--	113	1	--	198	3
Portola (CA)	--	-22	--	--	--	--	--	*	--	--	*
Tracy (NV)	--	2,153	69,733	--	--	--	--	4	809	--	103
Valley Road (NV)	--	-22	--	--	--	--	--	*	--	--	*
Verdi (NV)	--	--	--	1,112	--	--	--	--	--	--	--
Washoe (NV)	--	--	--	-6	--	--	--	--	--	--	--
Winnemucca (NV)	--	--	8	--	--	--	--	*	*	--	*
26 Foot Drop (NV)	--	--	--	--	--	--	--	--	--	--	--
Sikeston Bd Of Mun Utilities	--	--	--	--	--	--	--	--	--	177	1

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Sikeston Bd Of Mun Utilities											
Coleman, E. P. (MO)	--	--	--	--	--	--	--	--	--	--	*
Sikeston (MO)	--	--	--	--	--	--	--	--	--	177	1
Sioux Center Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Sioux Center (IA)	--	--	--	--	--	--	--	--	--	--	--
Sitka City Of (Electric Dept)	--	--	--	8,255	--	--	--	--	--	--	4
Blue Lake (AK)	--	--	--	3,181	--	--	--	--	--	--	--
Blue Lake Fish (AK)	--	--	--	-5	--	--	--	--	--	--	--
Blue Lake Pulp (AK)	--	--	--	122	--	--	--	--	--	--	--
Green Lake (AK)	--	--	--	4,957	--	--	--	--	--	--	--
Indian River (AK)	--	--	--	--	--	--	--	--	--	--	4
Skaneateles City Of	--	--	--	--	--	--	--	--	--	--	--
Skaneateles (NY)	--	--	--	--	--	--	--	--	--	--	--
Sleepy Eye Public Util Comm	502	3	--	--	--	--	1	*	--	*	*
Sleepy Eye (MN)	502	3	--	--	--	--	1	*	--	*	*
Soda Springs City Of	--	--	--	50	--	--	--	--	--	--	--
Soda Springs 1 (ID)	--	--	--	22	--	--	--	--	--	--	--
Soda Springs 2 (ID)	--	--	--	28	--	--	--	--	--	--	--
South Beloit Wtr Gas & Elec Co. ..	--	--	--	528	--	--	--	--	--	--	--
Rockton (IL)	--	--	--	528	--	--	--	--	--	--	--
South Carolina Public Service											
Auth	1,001,650	2,051	--	72,266	--	--	393	5	--	1,011	129
Cross (SC)	351,516	21	--	--	--	--	133	*	--	207	5
Grainger, Dolphus M (SC)	37,519	83	--	--	--	--	15	*	--	61	*
Hilton Head (SC)	--	1,068	--	--	--	--	--	3	--	--	33
Jefferies (SC)	178,328	213	--	26,287	--	--	70	*	--	122	49
Myrtle Beach (SC)	--	92	--	--	--	--	--	*	--	--	36
Spillway (SC)	--	--	--	650	--	--	--	--	--	--	--
St. Stephen (SC)	--	--	--	45,329	--	--	--	--	--	--	--
Winyah (SC)	434,296	574	--	--	--	--	175	1	--	620	6
South Mississippi Elec Pwr Assn ..	114,187	1,026	21,800	--	--	--	49	2	273	364	44
Bennedale (MS)	--	--	--	--	--	--	--	--	--	--	--
Morrow (MS)	114,187	70	--	--	--	--	49	*	--	364	6
Moselle (MS)	--	958	21,800	--	--	--	--	2	273	--	36
Paulding (MS)	--	--	--	--	--	--	--	--	--	--	1
South Norwalk Elec Wks, The	--	21	--	--	--	--	--	*	--	--	1
South Norwalk (CT)	--	21	--	--	--	--	--	*	--	--	1
South Texas Elec Coop, Inc	--	173	10	--	--	--	--	*	*	--	--
Rayburn, Sam (TX)	--	173	10	--	--	--	--	*	*	--	--
Southern California Edison											
Company	762,775	2,199	1,270,100	523,599	1,577,046	--	351	4	12,466	714	4,552
* Central Storage *	--	--	--	--	--	--	--	--	--	--	769
Alamitos (CA)	--	3	354,670	--	--	--	--	*	3,508	--	534
Baker Dam (CA)	--	--	--	--	--	--	--	--	--	--	--
Big Creek 1 (CA)	--	--	--	34,325	--	--	--	--	--	--	--
Big Creek 2 (CA)	--	--	--	35,862	--	--	--	--	--	--	--
Big Creek 2a (CA)	--	--	--	58,166	--	--	--	--	--	--	--
Big Creek 3 (CA)	--	--	--	115,183	--	--	--	--	--	--	--
Big Creek 4 (CA)	--	--	--	62,655	--	--	--	--	--	--	--
Big Creek 8 (CA)	--	--	--	33,496	--	--	--	--	--	--	--
Bishop Creek 2 (CA)	--	--	--	2,506	--	--	--	--	--	--	--
Bishop Creek 3 (CA)	--	--	--	2,265	--	--	--	--	--	--	--
Bishop Creek 4 (CA)	--	--	--	3,030	--	--	--	--	--	--	--
Bishop Creek 5 (CA)	--	--	--	584	--	--	--	--	--	--	--
Bishop Creek 6 (CA)	--	--	--	748	--	--	--	--	--	--	--
Borel (CA)	--	--	--	7,652	--	--	--	--	--	--	--
Cool Water (CA)	--	--	62,503	--	--	--	--	--	608	--	427

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Southern California Edison											
Company											
Eastwood (CA)	--	--	--	10,687	--	--	--	--	--	--	--
El Segundo (CA)	--	--	203,188	--	--	--	--	--	1,927	--	292
Ellwood (CA)	--	--	37	--	--	--	--	--	1	--	--
Etiwanda (CA)	--	157	108,875	--	--	--	--	*	1,172	--	602
Fontana (CA)	--	--	--	8	--	--	--	--	--	--	--
Highgrove (CA)	--	-152	--	--	--	--	--	--	--	--	43
Huntington Beach (CA)	--	--	88,544	--	--	--	--	--	894	--	179
Kaweah 1 (CA)	--	--	--	1,456	--	--	--	--	--	--	--
Kaweah 2 (CA)	--	--	--	1,541	--	--	--	--	--	--	--
Kaweah 3 (CA)	--	--	--	3,225	--	--	--	--	--	--	--
Kern River 1 (CA)	--	--	--	17,526	--	--	--	--	--	--	--
Kern River 3 (CA)	--	--	--	24,494	--	--	--	--	--	--	--
Long Beach (CA)	--	--	1,357	--	--	--	--	--	42	--	124
Lundy (CA)	--	--	--	356	--	--	--	--	--	--	--
Lytle Creek (CA)	--	--	--	--	--	--	--	--	--	--	--
Mammoth Pool (CA)	--	--	--	88,501	--	--	--	--	--	--	--
Mandalay (CA)	--	390	82,176	--	--	--	--	*	803	--	436
Mill Creek 1 (CA)	--	--	--	569	--	--	--	--	--	--	--
Mill Creek 2&3 (CA)	--	--	--	--	--	--	--	--	--	--	--
Mill Creek 3 (CA)	--	--	--	1,733	--	--	--	--	--	--	--
Mohave (NV)	762,775	--	26,245	--	--	--	351	--	258	714	--
Ontario 1 (CA)	--	--	--	564	--	--	--	--	--	--	--
Ontario 2 (CA)	--	--	--	242	--	--	--	--	--	--	--
Ormond Beach (CA)	--	--	122,457	--	--	--	--	--	1,183	--	784
Pebbly Beach (CA)	--	1,952	--	--	--	--	--	4	--	--	5
Poole (CA)	--	--	--	1,410	--	--	--	--	--	--	--
Portal (CA)	--	--	--	4,660	--	--	--	--	--	--	--
Redondo Beach (CA)	--	--	220,048	--	--	--	--	--	2,070	--	286
Rush Creek (CA)	--	--	--	4,689	--	--	--	--	--	--	--
San Bernardino (CA)	--	-151	--	--	--	--	--	--	--	--	72
San Geronio (CA)	--	--	--	-22	--	--	--	--	--	--	--
San Geronio (CA)	--	--	--	--	--	--	--	--	--	--	--
San Onofre (CA)	--	--	--	--	1,577,046	--	--	--	--	--	--
Santa Ana 1 (CA)	--	--	--	1,523	--	--	--	--	--	--	--
Santa Ana 2 (CA)	--	--	--	893	--	--	--	--	--	--	--
Santa Ana 3 (CA)	--	--	--	833	--	--	--	--	--	--	--
Sierra (CA)	--	--	--	504	--	--	--	--	--	--	--
Tule River (CA)	--	--	--	1,775	--	--	--	--	--	--	--
Southern Illinois Power Coop											
Manion (IL)	96,155	37	--	--	--	--	55	*	--	267	3
	96,155	37	--	--	--	--	55	*	--	267	3
Southern Indiana Gas & Electric											
Co	377,403	53	1,083	--	--	--	186	*	14	596	3
A. B. Brown (IN)	169,005	6	661	--	--	--	83	*	7	278	2
Broadway (IN)	--	--	69	--	--	--	--	--	3	--	1
Culley (IN)	114,314	47	209	--	--	--	59	*	2	240	*
Northeast (IN)	--	--	--	--	--	--	--	--	--	--	--
Warrick (IN)	94,084	--	144	--	--	--	44	--	1	77	--
Southwest Public Power District											
Palisade (NE)	--	--	--	--	--	--	--	--	--	--	--
Southwestern Elec Power Co											
(CSW)	1,229,783	2,643	178,586	--	--	--	835	5	1,943	1,829	118
Arsenal Hill (LA)	--	--	-114	--	--	--	--	--	--	--	--
Flint Creek (AR)	270,313	594	--	--	--	--	173	1	--	191	6
Knox Lee (TX)	--	--	56,612	--	--	--	--	--	537	--	66
Lieberman (LA)	--	--	-272	--	--	--	--	--	--	--	20
Lone Star (TX)	--	--	2,969	--	--	--	--	--	46	--	14
Pirkey (TX)	268,773	--	372	--	--	--	219	--	4	136	--
Welsh (TX)	690,697	2,049	--	--	--	--	443	4	--	1,503	11
Wilkes (TX)	--	--	119,019	--	--	--	--	--	1,355	--	1
Southwestern Public Service Co											
Carlsbad (NM)	1,088,436	19	492,752	--	--	26,676	612	*	5,133	1,098	87
	--	--	40	--	--	--	--	--	2	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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 Public Service Co											
Celanese (TX)	--	--	--	--	--	26,676	--	--	--	--	--
Cunningham (NM)	--	--	103,296	--	--	--	--	--	1,013	--	--
Harrington (TX)	715,800	--	405	--	--	--	404	--	5	607	--
Jones (TX)	--	--	108,673	--	--	--	--	--	1,120	--	56
Maddox (NM)	--	--	63,881	--	--	--	--	--	668	--	--
Nichols (TX)	--	--	151,429	--	--	--	--	--	1,610	--	--
Plant X (TX)	--	--	64,965	--	--	--	--	--	715	--	31
Tolk Station (TX)	372,636	--	63	--	--	--	207	--	1	491	--
Tucumcari (NM)	--	19	--	--	--	--	--	*	--	--	*
Soyland Power Coop, Inc	10,748	-49	--	--	--	--	7	*	--	8	3
Pearl Station (IL)	10,748	58	--	--	--	--	7	*	--	8	3
Pittsfield (IL)	--	-102	--	--	--	--	--	*	--	--	*
Winchester (IL)	--	-5	--	--	--	--	--	--	--	--	*
Spalding Mun Lt & Pwr Co	--	--	--	23	--	--	--	--	--	--	*
Spalding (NE)	--	--	--	23	--	--	--	--	--	--	*
Spartanburg City Of	--	--	--	570	--	--	--	--	--	--	--
Spartanburg (SC)	--	--	--	570	--	--	--	--	--	--	--
Spencer Municipal Utilities	--	--	--	--	--	--	--	--	--	--	13
Spencer (IA)	--	--	--	--	--	--	--	--	--	--	13
Spring Valley City Of	--	1	5	--	--	--	--	*	*	--	*
Spring Valley (MN)	--	1	5	--	--	--	--	*	*	--	*
Springfield City Of	156,852	110	--	--	--	--	87	*	--	83	8
Dallman (IL)	153,388	46	--	--	--	--	84	*	--	81	--
Factory (IL)	--	2	--	--	--	--	--	*	--	--	3
Lakeside (IL)	3,464	60	--	--	--	--	3	*	--	2	4
Reynolds (IL)	--	2	--	--	--	--	--	*	--	--	1
Springfield City Of	--	--	--	--	--	--	--	--	--	--	--
Springfield (CO)	--	--	--	--	--	--	--	--	--	--	--
Springfield Public Utilities	--	--	--	--	--	--	--	--	--	--	--
Springfield (MN)	--	--	--	--	--	--	--	--	--	--	--
Springfield Utilities	123,608	32	1,302	--	--	--	58	*	16	135	9
James River (MO)	54,721	26	811	--	--	--	27	*	10	71	4
Main Street (MO)	--	6	--	--	--	--	--	*	--	--	1
Southwest (MO)	68,887	--	491	--	--	--	31	--	6	64	4
Springville Electric System	--	--	--	159	--	--	--	--	--	--	--
Springville (NY)	--	--	--	159	--	--	--	--	--	--	--
Springville Municipal Corporation	--	237	4,232	183	--	--	--	*	44	--	*
Bartholomew (UT)	--	--	--	92	--	--	--	--	--	--	--
Hobble Creek (UT)	--	--	--	79	--	--	--	--	--	--	--
Spring Creek (UT)	--	--	--	12	--	--	--	--	--	--	--
Whitehead (UT)	--	237	4,232	--	--	--	--	*	44	--	*
St Cloud Public Utilities	--	100	533	--	--	--	--	*	6	--	3
St Cloud (FL)	--	100	533	--	--	--	--	*	6	--	3
St Francis City Of	--	--	--	--	--	--	--	--	--	--	*
St Francis (KS)	--	--	--	--	--	--	--	--	--	--	*
St George City Corp Util	--	--	--	--	--	--	--	--	--	--	--
Commission	--	30	--	208	--	--	--	*	--	--	2
Gunlock Hydro (UT)	--	--	--	208	--	--	--	--	--	--	--
No 2 Diesel (ID)	--	30	--	--	--	--	--	*	--	--	1
St. George (UT)	--	--	--	--	--	--	--	--	--	--	1
St John City Of	--	--	--	--	--	--	--	*	--	--	*
St John (KS)	--	--	--	--	--	--	--	*	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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 Joseph Light & Power Co	29,846	201	554	--	--	--	15	2	11	57	51
Lake Road (MO)	29,846	201	554	--	--	--	15	2	11	57	51
St Louis Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Saint Louis (MI)	--	--	--	--	--	--	--	--	--	--	--
St Marys Mun Lt & Pwr Plant	4,518	1	--	--	--	--	3	*	--	--	1
Saint Marys (OH)	4,518	1	--	--	--	--	3	*	--	--	1
Stafford City Of	--	--	--	--	--	--	--	--	--	--	*
Stafford (KS)	--	--	--	--	--	--	--	--	--	--	*
Stanberry Power Co	--	--	--	--	--	--	--	--	--	--	--
Stanberry (MO)	--	--	--	--	--	--	--	--	--	--	--
Starke Mun Lt & Wtr Plant	--	44	391	--	--	--	--	*	6	--	1
Stark (FL)	--	44	391	--	--	--	--	*	6	--	1
State Center Mun Lt Plant	--	--	--	--	--	--	--	--	--	--	*
State Center (IA)	--	--	--	--	--	--	--	--	--	--	*
Sterling City Of	--	2	20	--	--	--	--	*	*	--	2
Sterling (KS)	--	2	20	--	--	--	--	*	*	--	2
Stillwater City Of	--	--	--	--	--	--	--	--	--	--	1
Boomer Lake (OK)	--	--	--	--	--	--	--	--	--	--	1
Stockton City Of	--	-19	--	--	--	--	--	*	*	--	*
Stockton (KS)	--	-19	--	--	--	--	--	*	*	--	*
Story City Mun Elec Utility	--	--	--	--	--	--	--	--	--	--	--
Story City (IA)	--	--	--	--	--	--	--	--	--	--	--
Strawberry Point Lt & Wtr Dept ..	--	--	--	--	--	--	--	*	--	--	*
Strawberry Point (IA)	--	--	--	--	--	--	--	*	--	--	*
Strawberry Water Users Assoc ...	--	--	--	1,986	--	--	--	--	--	--	--
Payson (UT)	--	--	--	148	--	--	--	--	--	--	--
Spanish Fork (UT)	--	--	--	1,838	--	--	--	--	--	--	--
Stuart Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Stuart (NE)	--	--	--	--	--	--	--	--	--	--	--
Stuart Light & Power System	--	4	--	--	--	--	--	*	--	--	*
Stuart (IA)	--	4	--	--	--	--	--	*	--	--	*
Sturgis City Of	--	196	1,493	1,229	--	--	--	*	14	--	1
Centerville (MI)	--	--	--	1,229	--	--	--	--	--	--	--
Sturgis (MI)	--	196	1,493	--	--	--	--	*	14	--	1
Sullivan City Of	--	46	396	--	--	--	--	*	4	--	1
Sullivan (IL)	--	46	396	--	--	--	--	*	4	--	1
Summer Municipal Light Dept	--	--	--	--	--	--	--	--	--	--	*
Summer (IA)	--	--	--	--	--	--	--	--	--	--	*
Sunflower Electric Coop	198,512	--	1,890	--	--	--	122	--	22	123	--
Garden City (KS)	--	--	1,277	--	--	--	--	--	14	--	--
Holcomb (KS)	198,512	--	613	--	--	--	122	--	8	123	--
Superior Water Lt & Pwr Co.	--	--	--	--	--	--	--	--	--	--	--
Winslow (WI)	--	--	--	--	--	--	--	--	--	--	--
Swans Island Electric Coop, Inc. ..	--	--	--	--	--	--	--	--	--	--	--
Minturn (ME)	--	--	--	--	--	--	--	--	--	--	--
Swanton Electric Department	--	--	--	956	--	--	--	--	--	--	--
Higate Falls (VT)	--	--	--	956	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
System Energy Resources	--	--	--	--	875,601	--	--	--	--	--	--
Grand Gulf (MS)	--	--	--	--	875,601	--	--	--	--	--	--
SCANA Corporation	1,113,315	5,656	6,159	80,793	101,112	--	429	11	64	1,008	67
Burton (SC)	--	156	--	--	--	--	--	1	--	--	3
Canadys (SC)	102,554	218	5,161	--	--	--	43	*	53	171	3
Coit (SC)	--	288	--	--	--	--	--	1	--	--	8
Columbia Hydro (SC)	--	--	--	4,867	--	--	--	--	--	--	--
Faber Place (SC)	--	--	--	--	--	--	--	--	--	--	--
Fairfield County (SC)	--	--	--	-5,939	--	--	--	--	--	--	--
Hagood (SC)	--	769	662	--	--	--	--	2	7	--	13
Hardeeville (SC)	--	56	--	--	--	--	--	*	--	--	1
Momeekin (SC)	89,869	--	--	--	--	--	33	*	--	128	4
Neal Shoals (SC)	--	--	--	3,321	--	--	--	--	--	--	--
Parr (SC)	--	545	--	--	--	--	--	1	--	--	8
Parr Hydro (SC)	--	--	--	8,715	--	--	--	--	--	--	--
Saluda Hydro (SC)	--	--	--	57,799	--	--	--	--	--	--	--
Stevens Creek Hydro (GA)	--	--	--	12,030	--	--	--	--	--	--	--
Urquhart (SC)	150,584	523	336	--	--	--	60	1	3	99	1
V. C. Summer (SC)	--	--	--	--	101,112	--	--	--	--	--	--
Wateree (SC)	428,010	1,290	--	--	--	--	163	2	--	305	11
Williams (SC)	342,298	1,811	--	--	--	--	130	3	--	305	15
Tacoma Dept Of Pub Util (Light Div)	4,330	--	66	122,830	--	8,726	5	--	1	3	--
Alder (WA)	--	--	--	11,207	--	--	--	--	--	--	--
Cushman 1 (WA)	--	--	--	4,378	--	--	--	--	--	--	--
Cushman 2 (WA)	--	--	--	8,149	--	--	--	--	--	--	--
La Grande (WA)	--	--	--	21,852	--	--	--	--	--	--	--
Mayfield (WA)	--	--	--	39,245	--	--	--	--	--	--	--
Mossyrock (WA)	--	--	--	37,999	--	--	--	--	--	--	--
Steam Plant 2 (WA)	4,330	--	66	--	--	8,726	5	--	1	3	--
Tallahassee City Of	--	6,201	95,567	6,072	--	--	--	10	1,011	--	243
Hopkins, Arvah B (FL)	--	6,201	95,243	--	--	--	--	10	1,000	--	121
Jackson Bluff (FL)	--	--	--	6,072	--	--	--	--	--	--	--
Purdum, S O (FL)	--	--	324	--	--	--	--	--	11	--	123
Tampa Electric Company	1,219,976	26,833	105	--	--	--	517	55	2	1,655	176
* Central Storage *	--	--	--	--	--	--	--	--	--	1,048	--
Big Bend (FL)	679,708	3,423	--	--	--	--	294	5	--	430	50
Gannon, F J (FL)	540,268	2,887	--	--	--	--	223	5	--	177	4
Hookers Point (FL)	--	18,410	--	--	--	--	--	41	--	--	108
S Dinner Lk (FL)	--	144	105	--	--	--	--	*	2	--	1
S Phillips (FL)	--	1,969	--	--	--	--	--	3	--	--	13
Tapoco, Inc	--	--	--	--	--	--	--	--	--	--	--
Calderwood (TN)	--	--	--	--	--	--	--	--	--	--	--
Cheoah (NC)	--	--	--	--	--	--	--	--	--	--	--
Chilhowee (TN)	--	--	--	--	--	--	--	--	--	--	--
Santeetlah (NC)	--	--	--	--	--	--	--	--	--	--	--
Taunton Mun Lighting Plant	--	8,809	136	--	--	--	--	18	3	--	41
Cleary, B F (MA)	--	8,809	136	--	--	--	--	18	3	--	41
Tecumseh Utility Auth	--	10	32	--	--	--	--	*	*	--	*
Tecumseh (NE)	--	10	32	--	--	--	--	*	*	--	*
Tennessee Valley Authority	8,856,418	12,960	3,105	1,566,586	18,394	--	3,645	21	30	6,639	498
Allen (TN)	303,868	600	1,617	--	--	--	124	1	15	318	117
Apalachia (TN)	--	--	--	37,889	--	--	--	--	--	--	--
Blue Ridge (GA)	--	--	--	2,311	--	--	--	--	--	--	--
Boone (TN)	--	--	--	25,528	--	--	--	--	--	--	--
Browns Ferry (AL)	--	--	--	--	-7,531	--	--	--	--	--	--
Bull Run (TN)	437,866	5,016	--	--	--	--	149	7	--	544	3
Chatuge (NC)	--	--	--	1,209	--	--	--	--	--	--	--
Cherokee (TN)	--	--	--	27,410	--	--	--	--	--	--	--
Chickamauga (TN)	--	--	--	80,833	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Colbert (AL)	663,454	1,396	1,488	--	--	--	288	3	15	771	90
Cumberland (TN)	1,797,180	442	--	--	--	--	739	1	--	986	--
Douglas (TN)	--	--	--	45,820	--	--	--	--	--	--	--
Fontana (NC)	--	--	--	79,346	--	--	--	--	--	--	--
Fort Loudoun (TN)	--	--	--	98,401	--	--	--	--	--	--	--
Fort Patrick Henry (TN)	--	--	--	15,389	--	--	--	--	--	--	--
Gallatin (TN)	647,137	984	--	--	--	--	255	2	--	279	70
Great Falls (TN)	--	--	--	27,087	--	--	--	--	--	--	--
Guntersville (AL)	--	--	--	81,283	--	--	--	--	--	--	--
Hiwassee (NC)	--	--	--	17,734	--	--	--	--	--	--	--
Johnsonville (TN)	710,496	1,538	--	--	--	--	325	3	--	687	204
Kentucky (KY)	--	--	--	74,955	--	--	--	--	--	--	--
Kingston (TN)	800,400	401	--	--	--	--	316	1	--	658	3
Melton Hill (TN)	--	--	--	23,854	--	--	--	--	--	--	--
Nickajack (TN)	--	--	--	67,318	--	--	--	--	--	--	--
Norris (TN)	--	--	--	63,400	--	--	--	--	--	--	--
Nottely (GA)	--	--	--	2,522	--	--	--	--	--	--	--
Ocoee 1 (TN)	--	--	--	9,737	--	--	--	--	--	--	--
Ocoee 2 (TN)	--	--	--	12,142	--	--	--	--	--	--	--
Ocoee 3 (TN)	--	--	--	19,532	--	--	--	--	--	--	--
Paradise (KY)	1,400,127	325	--	--	--	--	582	1	--	961	5
Pickwick (TN)	--	--	--	142,832	--	--	--	--	--	--	--
Raccoon Mountain (TN)	--	--	--	-38,210	--	--	--	--	--	--	--
Sequoyah (TN)	--	--	--	--	25,925	--	--	--	--	--	--
Sevier, John (TN)	467,991	200	--	--	--	--	175	--	--	399	1
Shawnee (KY)	835,884	824	--	--	--	--	349	1	--	623	1
South Holston (TN)	--	--	--	-106	--	--	--	--	--	--	--
Tims Ford (TN)	--	--	--	7,381	--	--	--	--	--	--	--
Watauga (TN)	--	--	--	12,718	--	--	--	--	--	--	--
Watts Bar (TN)	-179	--	--	--	--	--	--	--	--	--	--
Watts Bar (TN)	--	--	--	116,073	--	--	--	--	--	--	--
Wheeler (AL)	--	--	--	178,814	--	--	--	--	--	--	--
Widows Creek (AL)	792,194	1,234	--	--	--	--	343	2	--	414	2
Wilbur (TN)	--	--	--	2,260	--	--	--	--	--	--	--
Wilson (AL)	--	--	--	331,124	--	--	--	--	--	--	--
Texas Municipal Power Agency											
Gibbons Creek (TX)	284,883	--	692	--	--	--	329	--	8	81	11
	284,883	--	692	--	--	--	329	--	8	81	11
Texas Utils Electric Co (TU)											
Big Brown (TX)	2,679,907	10,460	2,344,320	--	790,014	--	2,341	20	23,491	1,507	2,417
Big Brown (TX)	397,712	--	6,645	--	--	--	337	--	75	330	--
Collin (TX)	--	--	8,231	--	--	--	--	--	229	--	65
Comanche Peak (TX)	--	--	--	--	790,014	--	--	--	--	--	--
Dallas (TX)	--	--	-400	--	--	--	--	--	--	--	44
De Cordova (TX)	--	--	250,625	--	--	--	--	--	2,465	--	195
Eagle Mountain (TX)	--	--	16,357	--	--	--	--	--	194	--	71
Graham (TX)	--	--	265,333	--	--	--	--	--	2,527	--	58
Handley (TX)	--	--	164,554	--	--	--	--	--	1,866	--	252
Lake Creek (TX)	--	--	4,953	--	--	--	--	--	50	--	117
Lake Hubbard (TX)	--	--	158,580	--	--	--	--	--	1,608	--	216
Martin Lake (TX)	1,214,879	4,584	--	--	--	--	989	8	--	641	76
Monticello (TX)	832,894	3,855	--	--	--	--	795	7	--	316	32
Morgan Creek (TX)	--	--	117,179	--	--	--	--	--	1,241	--	250
Mountain Creek (TX)	--	--	-502	--	--	--	--	--	--	--	148
North Lake (TX)	--	--	65,054	--	--	--	--	--	701	--	167
North Main (TX)	--	--	-168	--	--	--	--	--	--	--	14
Parkdale (TX)	--	--	-360	--	--	--	--	--	1	--	50
Permian Basin (TX)	--	50	333,186	--	--	--	--	--	3,226	--	234
River Crest (TX)	--	--	-175	--	--	--	--	--	--	--	31
Sandow (TX)	234,422	1,969	--	--	--	--	219	4	--	220	--
Stryker Creek (TX)	--	--	192,785	--	--	--	--	--	1,919	--	76
Tradinghouse Creek (TX)	--	--	474,268	--	--	--	--	--	4,588	--	181
Trinidad (TX)	--	2	23,152	--	--	--	--	--	235	--	35
Valley (TX)	--	--	265,023	--	--	--	--	--	2,567	--	103
Texas-New Mexico Power Co											
Lordsburg (NM)	172,900	--	1,228	--	--	--	151	--	14	65	--
TNP One (TX)	172,900	--	1,228	--	--	--	151	--	14	65	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Thief River Falls Wtr & Lt Dept	--	1	--	281	--	--	--	*	--	--	*
Thief River Falls (MN)	--	1	--	281	--	--	--	*	--	--	*
Thumb Elec Coop Of Michigan	--	--	--	--	--	--	--	--	--	--	1
Caro (MI)	--	--	--	--	--	--	--	--	--	--	*
Ubyly (MI)	--	--	--	--	--	--	--	--	--	--	*
Tipton Mun Utilities	--	--	--	--	--	--	--	*	--	--	*
Tipton (IA)	--	--	--	--	--	--	--	*	--	--	*
Toledo Edison Company	415,295	131	64	--	727	--	155	*	1	218	7
Acme (OH)	25,685	52	57	--	--	--	13	*	1	29	1
Bay Shore (OH)	389,610	78	--	--	--	--	141	*	--	189	2
Davis-Besse (OH)	--	--	--	--	727	--	--	--	--	--	--
Richland (OH)	--	1	7	--	--	--	--	*	1	--	2
Stryker (OH)	--	--	--	--	--	--	--	--	--	--	1
Traer Municipal Utilities	--	--	3	--	--	--	--	*	*	--	*
Traer (IA)	--	--	3	--	--	--	--	*	*	--	*
Traverse City Of	1,931	--	--	1,026	--	--	1	--	--	20	--
Bayside (MI)	1,931	--	--	--	--	--	1	--	--	20	--
Boardman (MI)	--	--	--	611	--	--	--	--	--	--	--
Brown Bridge (MI)	--	--	--	207	--	--	--	--	--	--	--
Elk Rapids (MI)	--	--	--	182	--	--	--	--	--	--	--
Sabin (MI)	--	--	--	26	--	--	--	--	--	--	--
Trenton Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Trenton (NE)	--	--	--	--	--	--	--	--	--	--	--
Trenton Municipal Utilities	--	--	--	--	--	--	--	--	--	--	2
Trenton (MO)	--	--	--	--	--	--	--	--	--	--	*
Trenton PKG (MO)	--	--	--	--	--	--	--	--	--	--	1
Tri State Gen & Trans Assn, Inc ..	921,350	246	968	--	--	--	473	1	9	900	18
Burlington (CO)	--	--	--	--	--	--	--	--	--	--	14
Craig (CO)	866,696	--	968	--	--	--	436	--	9	878	4
Nucila (CO)	54,654	246	--	--	--	--	37	1	--	22	*
Ouray (CO)	--	--	--	--	--	--	--	--	--	--	--
Trinidad Mun Pwr & Lt Dept	1,059	--	--	--	--	--	1	--	--	1	1
Trinidad (CO)	1,059	--	--	--	--	--	1	--	--	1	1
Truman Public Util Comm	--	--	--	--	--	--	--	--	--	--	*
Truman (MN)	--	--	--	--	--	--	--	--	--	--	*
Tucson Electric Power Company ..	457,917	469	11,241	--	--	--	257	1	152	339	20
De Moss Petrie (AZ)	--	--	131	--	--	--	--	--	2	--	4
Irrington (AZ)	24,956	--	11,128	--	--	--	13	--	149	25	5
North Loop (AZ)	--	--	-18	--	--	--	--	--	1	--	7
Springerville (AZ)	432,961	469	--	--	--	--	244	1	--	314	4
Tulia Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Tulia (TX)	--	--	--	--	--	--	--	--	--	--	--
Turlock Irrigation Dist	--	--	54	13,936	--	--	--	--	2	--	3
Hickman (CA)	--	--	--	5	--	--	--	--	--	--	--
Lagrange (CA)	--	--	--	842	--	--	--	--	--	--	--
New Don Pedro (CA)	--	--	--	12,709	--	--	--	--	--	--	--
Turlock Lake (CA)	--	--	--	39	--	--	--	--	--	--	--
Uppr Dawson (CA)	--	--	--	341	--	--	--	--	--	--	--
Walnut (CA)	--	--	54	--	--	--	--	--	2	--	3
Two Harbors Wtr & Lt Dept	--	--	--	--	--	--	--	--	--	--	--
Two Harbors (MN)	--	--	--	--	--	--	--	--	--	--	--
Unalakleet Village Elec Assoc	--	330	--	--	--	--	--	1	--	--	3
Unalakleet (AK)	--	--	--	--	--	--	--	--	--	--	--
Unalakleet (AK)	--	330	--	--	--	--	--	1	--	--	3

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Union City Village Of	--	--	--	232	--	--	--	--	--	--	--
Riley (MI)	--	--	--	232	--	--	--	--	--	--	--
Union City (MI)	--	--	--	--	--	--	--	--	--	--	--
Union Electric Company	1,839,455	3,728	3,691	153,274	870,612	--	879	8	71	2,592	91
Callaway (MO)	--	--	--	--	870,612	--	--	--	--	--	--
Canton (MO)	--	-22	--	--	--	--	--	--	--	--	*
Howard Bend (MO)	--	-8	--	--	--	--	--	*	--	--	4
Jefferson City (MO)	--	-47	--	--	--	--	--	*	--	--	6
Keokuk (IA)	--	--	--	74,115	--	--	--	--	*	--	--
Kirkville (MO)	--	--	-8	--	--	--	--	--	*	--	--
Labadie (MO)	761,784	2,868	--	--	--	--	348	5	--	1,173	21
Meramec (MO)	132,569	-26	1,645	--	--	--	79	--	18	120	5
Mexico (MO)	--	22	--	--	--	--	--	*	--	--	6
Moberly (MO)	--	2	--	--	--	--	--	*	--	--	5
Moreau (MO)	--	24	--	--	--	--	--	*	--	--	5
Osage (MO)	--	--	--	84,307	--	--	--	--	--	--	--
Portable (MO)	--	--	--	--	--	--	--	--	--	--	*
Rush Island (MO)	565,801	236	--	--	--	--	275	*	--	686	3
SiouX (MO)	379,301	713	--	--	--	--	177	1	--	614	1
Taum Sauk (MO)	--	--	--	-5,148	--	--	--	--	--	--	--
Venice No. 2 (IL)	--	-34	2,115	--	--	--	--	*	51	--	34
Viaduct (MO)	--	--	-61	--	--	--	--	--	1	--	--
Unionville City Of	--	-18	--	--	--	--	--	*	--	--	*
Unionville (MO)	--	-18	--	--	--	--	--	*	--	--	*
United Gas Imp Co	32,339	--	--	--	--	--	22	--	--	47	*
Hunlock Creek (PA)	32,339	--	--	--	--	--	22	--	--	47	*
United Illuminating Company, The	174,260	144,157	--	--	--	--	68	224	--	161	844
Bridgeport Harbor (CT)	174,260	32,784	--	--	--	--	68	52	--	161	278
English (CT)	--	--	--	--	--	--	--	--	--	--	--
New Haven Harbor (CT)	--	111,373	--	--	--	--	--	172	--	--	566
United Power Association	107,824	38	401	--	--	15,051	92	*	7	119	7
Cambridge (MN)	--	--	--	--	--	--	--	--	--	--	1
Elk River (MN)	--	--	401	--	--	15,051	--	--	7	--	1
Maple Lake (MN)	--	--	--	--	--	--	--	--	--	--	2
Rock Lake (MN)	--	--	--	--	--	--	--	--	--	--	3
Stanton (ND)	107,824	38	--	--	--	--	92	*	--	119	1
Upper Peninsula Power Co	9,372	-46	--	13,840	--	--	5	--	--	21	10
AuTrain (MI)	--	--	--	369	--	--	--	--	--	--	--
Cataract (MI)	--	--	--	202	--	--	--	--	--	--	--
Escanaba (MI)	--	--	--	--	--	--	--	--	--	--	--
Gladstone (MI)	--	-33	--	--	--	--	--	--	--	--	2
Hoist (MI)	--	--	--	1,561	--	--	--	--	--	--	--
McClure (MI)	--	--	--	5,396	--	--	--	--	--	--	--
Portage (MI)	--	-13	--	--	--	--	--	--	--	--	7
Prickett (MI)	--	--	--	592	--	--	--	--	--	--	--
Victoria (MI)	--	--	--	6,020	--	--	--	--	--	--	--
Warden, John H (MI)	9,372	--	--	--	--	--	5	--	--	21	--
Utilicorp United, Inc	28,288	-162	1,592	--	--	--	16	*	21	155	82
Green, Ralph (MO)	--	--	1,632	--	--	--	--	--	21	--	--
Greenwood (MO)	--	-149	--	--	--	--	--	*	--	--	77
Kci (MO)	--	--	-40	--	--	--	--	--	--	--	--
Nevada (MO)	--	-13	--	--	--	--	--	*	--	--	5
Sibley (MO)	28,288	--	--	--	--	--	16	--	--	185	*
USBIA San Carlos Proj	--	--	--	--	--	--	--	--	--	--	--
Coolidge (AZ)	--	--	--	--	--	--	--	--	--	--	--
USBIA Wapato Irrigation Project	--	--	--	--	--	--	--	--	--	--	--
Drop 2 (WA)	--	--	--	--	--	--	--	--	--	--	--
Drop 3 (WA)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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 - Great Plains Reg	--	--	--	108,393	--	--	--	--	--	--	--
Alcova (WY)	--	--	--	3,253	--	--	--	--	--	--	--
Big Thompson (CO)	--	--	--	-12	--	--	--	--	--	--	--
Boysen (WY)	--	--	--	1,754	--	--	--	--	--	--	--
Buffalo Bill (WY)	--	--	--	25	--	--	--	--	--	--	--
Canyon Ferry (MT)	--	--	--	22,755	--	--	--	--	--	--	--
Estes (CO)	--	--	--	-312	--	--	--	--	--	--	--
Flatiron (CO)	--	--	--	638	--	--	--	--	--	--	--
Fremont Canyon (WY)	--	--	--	7,377	--	--	--	--	--	--	--
Glendo (WY)	--	--	--	-148	--	--	--	--	--	--	--
Green Mountain (CO)	--	--	--	1,698	--	--	--	--	--	--	--
Guernsey (WY)	--	--	--	-70	--	--	--	--	--	--	--
Heart Mtn (WY)	--	--	--	-7	--	--	--	--	--	--	--
Kortes (WY)	--	--	--	4,912	--	--	--	--	--	--	--
Marys Lake (CO)	--	--	--	-61	--	--	--	--	--	--	--
Mount Elbert (CO)	--	--	--	13,984	--	--	--	--	--	--	--
Pilot Butte (WY)	--	--	--	-7	--	--	--	--	--	--	--
Pole Hill (CO)	--	--	--	-58	--	--	--	--	--	--	--
Seminole (WY)	--	--	--	3,543	--	--	--	--	--	--	--
Shoshone (WY)	--	--	--	1,312	--	--	--	--	--	--	--
Yellowtail (MT)	--	--	--	47,817	--	--	--	--	--	--	--
USBR - Lower Colorado Reg	--	--	--	231,233	--	--	--	--	--	--	--
Davis (AZ)	--	--	--	43,296	--	--	--	--	--	--	--
Hoover (NV)	--	--	--	96,320	--	--	--	--	--	--	--
Hoover Dam (AZ)	--	--	--	55,266	--	--	--	--	--	--	--
Parker (CA)	--	--	--	36,351	--	--	--	--	--	--	--
USBR - Mid Pacific Region	--	--	--	340,933	--	--	--	--	--	--	--
Folsom (CA)	--	--	--	85,955	--	--	--	--	--	--	--
Jdge F Carr (CA)	--	--	--	87	--	--	--	--	--	--	--
Keswick (CA)	--	--	--	30,552	--	--	--	--	--	--	--
Lewiston (CA)	--	--	--	294	--	--	--	--	--	--	--
New Melones (CA)	--	--	--	5,965	--	--	--	--	--	--	--
Nimbus (CA)	--	--	--	4,771	--	--	--	--	--	--	--
Oneill (CA)	--	--	--	-11,855	--	--	--	--	--	--	--
Shasta (CA)	--	--	--	200,711	--	--	--	--	--	--	--
Spring Creek (CA)	--	--	--	17,606	--	--	--	--	--	--	--
Stampede (CA)	--	--	--	1,926	--	--	--	--	--	--	--
Trinity (CA)	--	--	--	4,921	--	--	--	--	--	--	--
USBR - Pacific NW Region	--	--	--	984,631	--	--	--	--	--	--	--
Anderson Ranch (ID)	--	--	--	-154	--	--	--	--	--	--	--
Black Canyon (ID)	--	--	--	5,824	--	--	--	--	--	--	--
Boise River Div (ID)	--	--	--	--	--	--	--	--	--	--	--
Chandler (WA)	--	--	--	8,038	--	--	--	--	--	--	--
Grand Coulee (WA)	--	--	--	888,101	--	--	--	--	--	--	--
Green Springs (OR)	--	--	--	8,079	--	--	--	--	--	--	--
Hungry Horse (MT)	--	--	--	57,118	--	--	--	--	--	--	--
Minidoka (ID)	--	--	--	802	--	--	--	--	--	--	--
Palisades (ID)	--	--	--	10,278	--	--	--	--	--	--	--
Roza (WA)	--	--	--	6,545	--	--	--	--	--	--	--
USBR - Upper Colorado Reg	--	--	--	413,233	--	--	--	--	--	--	--
Blue Mesa (CO)	--	--	--	38,912	--	--	--	--	--	--	--
Crystal (CO)	--	--	--	22,050	--	--	--	--	--	--	--
Deer Creek (UT)	--	--	--	299	--	--	--	--	--	--	--
Elephant Butte (NM)	--	--	--	18,502	--	--	--	--	--	--	--
Flaming Gorge (UT)	--	--	--	22,338	--	--	--	--	--	--	--
Fontenelle (WY)	--	--	--	3,201	--	--	--	--	--	--	--
Glen Canyon (AZ)	--	--	--	258,991	--	--	--	--	--	--	--
Lower Molina (CO)	--	--	--	--	--	--	--	--	--	--	--
Morrow Point (CO)	--	--	--	48,940	--	--	--	--	--	--	--
Upper Molina (CO)	--	--	--	--	--	--	--	--	--	--	--
USBR Rio Grande-Falcon Project	--	--	--	11,874	--	--	--	--	--	--	--
Amistad (TX)	--	--	--	6,892	--	--	--	--	--	--	--
Falcon (TX)	--	--	--	4,982	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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 - Blakely Mtn	--	--	--	45,329	--	--	--	--	--	--	--
Blakely Mountain (AR)	--	--	--	26,766	--	--	--	--	--	--	--
Degray (AR)	--	--	--	12,113	--	--	--	--	--	--	--
Narrows (AR)	--	--	--	6,450	--	--	--	--	--	--	--
USCE - Fort Worth District	--	--	--	38,446	--	--	--	--	--	--	--
R. D. Willis (TX)	--	--	--	1,850	--	--	--	--	--	--	--
Rayburn, Sam (TX)	--	--	--	21,612	--	--	--	--	--	--	--
Whitney (TX)	--	--	--	14,984	--	--	--	--	--	--	--
USCE - Hartwell Power Plant	--	--	--	74,197	--	--	--	--	--	--	--
Hartwell Lake (GA)	--	--	--	74,197	--	--	--	--	--	--	--
USCE - J Strom Thur Power Plant	--	--	--	136,085	--	--	--	--	--	--	--
J Strom Thur (SC)	--	--	--	136,085	--	--	--	--	--	--	--
USCE - Kansas City Dist	--	--	--	52,562	--	7	--	--	--	--	--
Harry Truman (MO)	--	--	--	43,552	--	--	--	--	--	--	--
Stockton (MO)	--	--	--	9,010	--	--	--	--	--	--	--
Wilson (KS)	--	--	--	--	--	7	--	--	--	--	--
USCE - Little Rock	--	--	--	514,221	--	--	--	--	--	--	--
Beaver (AR)	--	--	--	30,445	--	--	--	--	--	--	--
Bull Shoals (AR)	--	--	--	173,314	--	--	--	--	--	--	--
Dardanelle (AR)	--	--	--	93,023	--	--	--	--	--	--	--
Greens Ferry Lake (AR)	--	--	--	24,477	--	--	--	--	--	--	--
Norfolk (AR)	--	--	--	36,621	--	--	--	--	--	--	--
Ozark (AR)	--	--	--	40,696	--	--	--	--	--	--	--
Table Rock (MO)	--	--	--	115,645	--	--	--	--	--	--	--
USCE - Mobile District	--	--	--	264,917	--	--	--	--	--	--	--
Allatoona (GA)	--	--	--	21,346	--	--	--	--	--	--	--
Buford (GA)	--	--	--	29,692	--	--	--	--	--	--	--
Carters (GA)	--	--	--	28,582	--	--	--	--	--	--	--
George, Walter F (GA)	--	--	--	83,974	--	--	--	--	--	--	--
Jones Bluff (AL)	--	--	--	24,631	--	--	--	--	--	--	--
Millers Ferry (AL)	--	--	--	30,013	--	--	--	--	--	--	--
West Point (GA)	--	--	--	33,663	--	--	--	--	--	--	--
Woodruff, J (FL)	--	--	--	13,016	--	--	--	--	--	--	--
USCE - Nashville	--	--	--	387,728	--	--	--	--	--	--	--
Barkley (KY)	--	--	--	66,904	--	--	--	--	--	--	--
Center Hill (TN)	--	--	--	44,136	--	--	--	--	--	--	--
Cheatham (TN)	--	--	--	21,596	--	--	--	--	--	--	--
Cordell Hull (TN)	--	--	--	42,863	--	--	--	--	--	--	--
Dale Hollow (TN)	--	--	--	7,361	--	--	--	--	--	--	--
Laurel (KY)	--	--	--	18,046	--	--	--	--	--	--	--
Old Hickory (TN)	--	--	--	58,770	--	--	--	--	--	--	--
Priest, J P (TN)	--	--	--	8,299	--	--	--	--	--	--	--
Wolf Creek (KY)	--	--	--	119,753	--	--	--	--	--	--	--
USCE - North Pacific Div	--	--	--	4,020,923	--	--	--	--	--	--	--
Albeni Falls (ID)	--	--	--	11,786	--	--	--	--	--	--	--
Big Cliff (OR)	--	--	--	9,012	--	--	--	--	--	--	--
Bonneville (OR)	--	--	--	395,802	--	--	--	--	--	--	--
Chief Joseph (WA)	--	--	--	525,825	--	--	--	--	--	--	--
Cougar (OR)	--	--	--	10,881	--	--	--	--	--	--	--
Dalles (WA)	--	--	--	619,157	--	--	--	--	--	--	--
Day, John (OR)	--	--	--	743,144	--	--	--	--	--	--	--
Detroit (OR)	--	--	--	40,463	--	--	--	--	--	--	--
Dexter (OR)	--	--	--	7,023	--	--	--	--	--	--	--
Dworshak (ID)	--	--	--	33,698	--	--	--	--	--	--	--
Foster (OR)	--	--	--	10,066	--	--	--	--	--	--	--
Green Peter (OR)	--	--	--	18,294	--	--	--	--	--	--	--
Hills Creek (OR)	--	--	--	13,983	--	--	--	--	--	--	--
Ice Harbor (WA)	--	--	--	201,694	--	--	--	--	--	--	--
Libby (MT)	--	--	--	88,758	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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											
Little Goose (WA)	--	--	--	252,376	--	--	--	--	--	--	--
Lokout Point (OR)	--	--	--	39,541	--	--	--	--	--	--	--
Lost Creek (OR)	--	--	--	24,783	--	--	--	--	--	--	--
Lower Granite (WA)	--	--	--	258,450	--	--	--	--	--	--	--
Lower Monumental (WA)	--	--	--	268,098	--	--	--	--	--	--	--
McNary (OR)	--	--	--	448,089	--	--	--	--	--	--	--
USCE - Omaha District	--	--	--	328,131	--	--	--	--	--	--	--
Big Bend (SD)	--	--	--	34,986	--	--	--	--	--	--	--
Fort Peck (MT)	--	--	--	46,543	--	--	--	--	--	--	--
Fort Randall (SD)	--	--	--	44,681	--	--	--	--	--	--	--
Garrison (ND)	--	--	--	86,604	--	--	--	--	--	--	--
Gavins Point (NE)	--	--	--	35,405	--	--	--	--	--	--	--
Oahe (SD)	--	--	--	79,912	--	--	--	--	--	--	--
USCE - R B Russell Power Plant	--	--	--	76,898	--	--	--	--	--	--	--
R B Russell Plant (GA)	--	--	--	76,898	--	--	--	--	--	--	--
USCE - St Louis Dist	--	--	--	15,631	--	--	--	--	--	--	--
Clarence Canyon (MO)	--	--	--	15,631	--	--	--	--	--	--	--
USCE - St Marys Falls	--	--	--	13,128	--	--	--	--	--	--	--
Saint Marys Falls (MI)	--	--	--	13,128	--	--	--	--	--	--	--
USCE - Tulsa District	--	--	--	395,270	--	--	--	--	--	--	--
Broken Bow (OK)	--	--	--	29,959	--	--	--	--	--	--	--
Denison (TX)	--	--	--	59,326	--	--	--	--	--	--	--
Eufaula (OK)	--	--	--	68,471	--	--	--	--	--	--	--
Fort Gibson (OK)	--	--	--	34,480	--	--	--	--	--	--	--
Kerr, Robert S (OK)	--	--	--	76,879	--	--	--	--	--	--	--
Keystone (OK)	--	--	--	54,491	--	--	--	--	--	--	--
Senkiller Ferry (OK)	--	--	--	29,794	--	--	--	--	--	--	--
Webbers Falls (OK)	--	--	--	42,870	--	--	--	--	--	--	--
USCE - Wilmington	--	--	--	117,767	--	--	--	--	--	--	--
Kerr, John H (VA)	--	--	--	110,878	--	--	--	--	--	--	--
Philpott Lake (VA)	--	--	--	6,889	--	--	--	--	--	--	--
Valley City Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Valley City (ND)	--	--	--	--	--	--	--	--	--	--	--
Vandalia Municipal Utilities	--	7	--	--	--	--	--	*	--	--	2
Vandalia (MO)	--	7	--	--	--	--	--	*	--	--	2
Vermillion City Of	--	--	--	--	--	--	--	--	--	--	--
Vermillion (SD)	--	--	--	--	--	--	--	--	--	--	--
Vermont Electric Cooperative	--	--	--	558	--	--	--	--	--	--	--
N Hartland (VT)	--	--	--	558	--	--	--	--	--	--	--
Vermont Marble Company	--	46	--	3,254	--	--	--	*	--	--	11
Beldens (VT)	--	--	--	1,158	--	--	--	--	--	--	--
Center Rutland (VT)	--	--	--	173	--	--	--	--	--	--	--
Florence (VT)	--	46	--	--	--	--	--	*	--	--	11
Proctor (VT)	--	--	--	1,923	--	--	--	--	--	--	--
Vermont Yankee Nuclear Power Co	--	--	--	--	383,061	--	--	--	--	--	--
Vt. Yankee (VT)	--	--	--	--	383,061	--	--	--	--	--	--
Vero Beach Mun Pwr System	--	1	18,296	--	--	--	--	*	231	--	68
Municipal Plant (FL)	--	1	18,296	--	--	--	--	*	231	--	68
Villisca Mun Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Villisca (IA)	--	--	--	--	--	--	--	--	--	--	--
Vineland Electric Utility	--	4,017	--	--	--	--	--	9	--	7	27

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Vineland Electric Utility											
Down, Howard (NJ)	--	4,017	--	--	--	--	--	9	--	7	18
West (NJ)	--	--	--	--	--	--	--	--	--	--	10
Vinton Municipal Lt Plant	--	12	55	--	--	--	--	*	1	--	*
Vinton (IA)	--	12	55	--	--	--	--	*	1	--	*
Viola Municipal Elec Utility	--	--	--	--	--	--	--	--	--	--	--
Viola (WI)	--	--	--	--	--	--	--	--	--	--	--
Virginia Electric & Power Co	2,542,285	334,608	194,689	96,870	1,260,088	--	985	529	1,775	1,653	2,237
* Central Storage *	--	--	--	--	--	--	--	--	--	--	975
Bath County (VA)	--	--	--	-51,360	--	--	--	--	--	--	--
Bremo Bluff (VA)	133,401	460	--	--	--	--	55	1	--	98	4
Chesapeake (VA)	381,567	457	--	--	--	--	144	1	--	189	33
Chesterfield (VA)	779,630	4,712	192,991	--	--	--	288	8	1,757	426	122
Cushaw (VA)	--	--	--	3,045	--	--	--	--	--	--	--
Darbytown (VA)	--	1,282	446	--	--	--	--	3	6	--	90
Gaston (NC)	--	--	--	78,930	--	--	--	--	--	--	--
Gravel Neck (VA)	--	3,338	10	--	--	--	--	7	*	--	117
Kitty Hawk (NC)	--	6	--	--	--	--	--	*	--	--	22
Low Moor (VA)	--	--	--	--	--	--	--	*	--	--	25
Mt Storm (WV)	821,668	2,640	--	--	--	--	331	5	--	741	40
North Anna (VA)	--	--	--	572	670,890	--	--	--	--	--	--
Northern Neck (VA)	--	17	--	--	--	--	--	*	--	--	22
Possum Point (VA)	210,007	60,644	--	--	--	--	85	98	--	110	608
Roanoke Rapids (NC)	--	--	--	65,683	--	--	--	--	--	--	--
Surry (VA)	--	--	--	--	589,198	--	--	--	--	--	--
Yorktown (VA)	216,012	261,052	1,242	--	--	--	82	408	12	89	180
Virginia Pub Utils Comm	5,175	--	46	--	--	--	4	--	1	--	--
Virginia (MN)	5,175	--	46	--	--	--	4	--	1	--	--
Wahoo Municipal Light Plant	--	-49	--	--	--	--	--	*	*	--	*
Wahoo (NE)	--	-49	--	--	--	--	--	*	*	--	*
Wallingford City Of	--	--	--	--	--	--	--	--	--	--	4
Pierce (CT)	--	--	--	--	--	--	--	--	--	--	4
Wamego City Of	--	--	--	--	--	--	--	*	1	--	1
Wamego (KS)	--	--	--	--	--	--	--	*	1	--	1
Warren City Of	--	--	--	--	--	--	--	--	--	--	--
Warren (MN)	--	--	--	--	--	--	--	--	--	--	--
Washington City Of	--	--	--	--	--	--	--	*	--	--	*
Washington (KS)	--	--	--	--	--	--	--	*	--	--	*
Washington Electric Cooperative	--	--	--	151	--	--	--	--	--	--	--
Wrightsville (VT)	--	--	--	151	--	--	--	--	--	--	--
Washington Island Elec Coop	--	--	--	--	--	--	--	--	--	--	1
Washington Island (WI)	--	--	--	--	--	--	--	--	--	--	1
Washington Public Power Supply											
Sys	--	--	--	3,410	808,855	--	--	--	--	--	--
Packwood (WA)	--	--	--	3,410	--	--	--	--	--	--	--
WNP-2 (WA)	--	--	--	--	808,855	--	--	--	--	--	--
Washington Wtr Pwr Co, The	--	--	10,041	239,166	--	28,823	--	--	124	--	--
Cabinet Gorge (ID)	--	--	--	62,418	--	--	--	--	--	--	--
Kettle Fls (WA)	--	--	43	--	--	28,823	--	--	--	--	--
Little Falls (WA)	--	--	--	20,214	--	--	--	--	--	--	--
Long Lake (WA)	--	--	--	42,510	--	--	--	--	--	--	--
Meyers Falls (WA)	--	--	--	781	--	--	--	--	--	--	--
Monroe Street (WA)	--	--	--	--	--	--	--	--	--	--	--
Nine Mile (WA)	--	--	--	11,839	--	--	--	--	--	--	--
Northeast (WA)	--	--	9,998	--	--	--	--	--	124	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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 Wtr Pwr Co. The											
Noxon Rapids (MT)	--	--	--	93,577	--	--	--	--	--	--	--
Post Falls (ID)	--	--	--	7,827	--	--	--	--	--	--	--
Upper Falls (WA)	--	--	--	--	--	--	--	--	--	--	--
Waterloo City Light & Power	--	--	--	--	--	--	--	--	--	--	*
Waterloo (IL)	--	--	--	--	--	--	--	--	--	--	*
Watertown City Of	--	--	--	2,098	--	--	--	--	--	--	--
Watertown (NY)	--	--	--	2,098	--	--	--	--	--	--	--
Wauchula City Of	--	--	--	--	--	--	--	--	--	--	2
Wauchula (FL)	--	--	--	--	--	--	--	--	--	--	2
Waverly City Of	--	9	--	143	--	--	--	*	--	--	*
East Hydro (IA)	--	--	--	143	--	--	--	--	--	--	--
East Plant (IA)	--	--	--	--	--	--	--	--	--	--	--
North Plant (IA)	--	9	--	--	--	--	--	*	--	--	*
Wayne City Of	--	32	--	--	--	--	--	*	--	--	1
Wayne (NE)	--	32	--	--	--	--	--	*	--	--	1
Weatherford City Of	--	--	--	--	--	--	--	--	--	--	--
Weatherford (TX)	--	--	--	--	--	--	--	--	--	--	--
Weber Basin Water Conservancy											
Dist	--	--	--	695	--	--	--	--	--	--	--
Gateway (UT)	--	--	--	53	--	--	--	--	--	--	--
Wanship (UT)	--	--	--	642	--	--	--	--	--	--	--
Webster City Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Webster City (IA)	--	--	--	--	--	--	--	--	--	--	--
Wellington City Of	--	--	113	--	--	--	--	--	3	--	3
Wellington (KS)	--	--	--	--	--	--	--	--	--	--	2
Wellington (KS)	--	--	113	--	--	--	--	--	3	--	1
Wells Electric Association	--	--	--	--	--	--	--	--	--	--	*
Wells (MN)	--	--	--	--	--	--	--	--	--	--	*
West Bend Mun Power Plant	--	9	5	--	--	--	--	*	*	--	*
West Bend (IA)	--	9	5	--	--	--	--	*	*	--	*
West Liberty Municipal Elec Util	--	6	--	--	--	--	--	*	--	--	1
West Liberty (IA)	--	6	--	--	--	--	--	*	--	--	1
West Penn Power Co (APS)	1,192,843	694	301	24,739	--	--	458	1	3	1,178	72
Armstrong (PA)	188,057	271	--	--	--	--	75	*	--	173	*
Hatfields Ferry (PA)	889,488	423	--	--	--	--	336	1	--	909	4
Lake Lynn (WV)	--	--	--	24,739	--	--	--	--	--	--	--
Mitchell (PA)	115,298	--	301	--	--	--	46	--	3	96	68
Springdale (PA)	--	--	--	--	--	--	--	--	--	--	--
West Point Light & Water Works	--	--	--	--	--	--	--	--	--	--	*
West Point (NE)	--	--	--	--	--	--	--	--	--	--	*
West Texas Utilities Co (CSW)	259,663	88	313,735	--	--	--	162	*	3,317	451	292
Abilene (TX)	--	--	--	--	--	--	--	--	--	--	4
Fort Phantom (TX)	--	--	161,549	--	--	--	--	--	1,638	--	101
Ft Stockton (TX)	--	--	6	--	--	--	--	--	*	--	--
Lake Pauline (TX)	--	--	--	--	--	--	--	--	--	--	18
Oak Creek (TX)	--	--	36,071	--	--	--	--	--	368	--	28
Oklahoma (TX)	259,663	86	--	--	--	--	162	*	--	451	7
Paint Creek (TX)	--	--	9,129	--	--	--	--	--	106	--	80
Presidio (TX)	--	2	--	--	--	--	--	*	--	--	1
Rio Pecos (TX)	--	--	81,107	--	--	--	--	--	930	--	24
San Angelo (TX)	--	--	25,873	--	--	--	--	--	275	--	28
Vernon (TX)	--	--	--	--	--	--	--	--	--	--	1

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Westbrook Mun Lt & Pwr Plant ...	--	--	--	--	--	--	--	--	--	--	--
Westbrook (MN)	--	--	--	--	--	--	--	--	--	--	--
Western Farmers Elec Coop	194,267	201	123,572	--	--	--	124	*	1,153	288	35
Anadarko (OK)	--	--	91,115	--	--	--	--	--	820	--	33
Hugo (OK)	194,267	201	--	--	--	--	124	*	--	288	1
Mooreland (OK)	--	--	32,457	--	--	--	--	--	334	--	--
Western Mass Electric Co (NU) ...	--	8,442	1,945	-3,221	--	--	--	16	23	--	152
Cabot (MA)	--	--	--	19,901	--	--	--	--	--	--	--
Cobble Mountain (MA)	--	--	--	5,719	--	--	--	--	--	--	--
Doreen (MA)	--	-18	--	--	--	--	--	*	--	--	1
Dwight (MA)	--	--	--	318	--	--	--	--	--	--	--
Gardners Falls (MA)	--	--	--	1,401	--	--	--	--	--	--	--
Indian Orchard (MA)	--	--	--	1,278	--	--	--	--	--	--	--
Northfield Mountain (MA)	--	--	--	-36,176	--	--	--	--	--	--	--
Putts Bridge (MA)	--	--	--	1,895	--	--	--	--	--	--	--
Red Bridge (MA)	--	--	--	2,078	--	--	--	--	--	--	--
Silver Lake (MA)	--	--	--	--	--	--	--	--	--	--	--
Turners Falls (MA)	--	--	--	365	--	--	--	--	--	--	--
West Springfield (MA)	--	8,466	1,945	--	--	--	--	16	23	--	150
Woodland Road (MA)	--	-6	--	--	--	--	--	*	--	--	1
Western Resources, Inc	1,257,940	1,751	2,949	--	--	--	813	4	42	1,368	167
Abilene (KS)	--	-66	--	--	--	--	--	--	--	--	16
Hutchinson (KS)	--	231	-78	--	--	--	--	1	8	--	101
Jeffrey (KS)	954,090	1,586	--	--	--	--	649	3	--	880	41
Lawrence (KS)	205,263	--	2,221	--	--	--	111	--	25	361	3
Neosho (KS)	--	--	--	--	--	--	--	--	--	--	--
Tecumseh (KS)	98,587	--	806	--	--	--	53	--	9	126	7
WestPlains Energy	26,381	82	4,006	--	--	--	16	*	118	6	83
Cimarron River (KS)	--	--	-815	--	--	--	--	--	20	--	--
Clark, W N (CO)	26,381	--	--	--	--	--	16	--	--	6	--
Clifton (KS)	--	--	-1	--	--	--	--	--	*	--	6
Judson Large (KS)	--	--	-406	--	--	--	--	--	2	--	43
Mullergren, Arthur (KS)	--	--	-224	--	--	--	--	--	1	--	22
Pueblo (CO)	--	100	5,452	--	--	--	--	*	94	--	6
Rocky Ford (CO)	--	-18	--	--	--	--	--	*	--	--	7
Whitesboro Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Whitesboro (TX)	--	--	--	--	--	--	--	--	--	--	--
Whittemore Mun Lt & Pwr Co	--	--	--	--	--	--	--	--	--	--	--
Whittemore (IA)	--	--	--	--	--	--	--	--	--	--	--
Wilber City Of	--	--	--	--	--	--	--	--	--	--	--
Wilber (NE)	--	--	--	--	--	--	--	--	--	--	--
Willmar Municipal Util Comm	3,256	--	--	--	--	--	4	--	--	6	--
Willmar (MN)	3,256	--	--	--	--	--	4	--	--	6	--
Wilton Mun Lt & Pwr System	--	--	--	--	--	--	--	--	--	--	--
Wilton Junction (IA)	--	--	--	--	--	--	--	--	--	--	--
Windom Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Windom (MN)	--	--	--	--	--	--	--	--	--	--	--
Winfield Mun Light & Power Plt ...	--	--	--	--	--	--	--	--	--	--	9
Winfield (KS)	--	--	--	--	--	--	--	--	--	--	9
Winfield (KS)	--	--	--	--	--	--	--	--	--	--	--
Winnetka, Village Of	--	14	--	--	--	--	--	*	--	*	2
Winnetka (IL)	--	14	--	--	--	--	--	*	--	*	2
Winterset City Of	--	--	--	--	--	--	--	--	--	--	1
Winterset (IA)	--	--	--	--	--	--	--	--	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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 Electric Power Co	1,362,174	2,247	7,357	30,229	655,429	--	708	5	79	1,612	38
* Central Storage *	--	--	--	--	--	--	--	--	--	--	4
Appleton (WI)	--	--	--	1,410	--	--	--	--	--	--	--
Big Quinnesec 61 (MI)	--	--	--	--	--	--	--	--	--	--	--
Big Quinnesec 92 (MI)	--	--	--	8,096	--	--	--	--	--	--	--
Brule (MI)	--	--	--	851	--	--	--	--	--	--	--
Chalk Hill (MI)	--	--	--	2,488	--	--	--	--	--	--	--
Germantown (WI)	--	375	--	--	--	--	--	1	--	--	12
Hemlock Falls (MI)	--	--	--	600	--	--	--	--	--	--	--
Kingsford (MI)	--	--	--	2,259	--	--	--	--	--	--	--
Lower Paint (MI)	--	--	--	59	--	--	--	--	--	--	--
Michigamme Falls (MI)	--	--	--	2,836	--	--	--	--	--	--	--
Oconto Falls (WI)	--	--	--	632	--	--	--	--	--	--	--
Peavy Falls (MI)	--	--	--	4,289	--	--	--	--	--	--	--
Pine (WI)	--	--	--	1,045	--	--	--	--	--	--	--
Pleasant Prairie (WI)	526,713	19	3,887	--	--	--	334	*	42	889	7
Point Beach (WI)	--	299	--	--	655,429	--	--	1	--	--	3
Port Washington (WI)	11,171	-46	373	--	--	--	7	*	6	81	3
Presque Isle (MI)	247,120	686	--	--	--	--	133	1	--	280	4
South Oak Creek (WI)	485,327	907	2,751	--	--	--	187	1	27	287	4
Sturgeon (MI)	--	--	--	295	--	--	--	--	--	--	--
Twin Falls (MI)	--	--	--	2,648	--	--	--	--	--	--	--
Valley (WI)	91,843	7	346	--	--	--	47	*	5	75	*
Way (MI)	--	--	--	-14	--	--	--	--	--	--	--
Weyauwega (WI)	--	--	--	42	--	--	--	--	--	--	--
White Rapids (MI)	--	--	--	2,693	--	--	--	--	--	--	--
Wisconsin Power & Light Co	1,170,901	807	442	21,771	--	1,904	683	2	8	825	14
Blackhawk (WI)	--	--	--	268	--	--	--	--	*	--	--
Columbia (WI)	595,832	298	--	--	--	--	370	1	--	505	4
Dewey, Nelson (WI)	71,005	171	--	--	--	164	40	*	--	87	*
Edgewater (WI)	437,371	219	--	--	--	--	240	*	--	205	3
Janesville (WI)	--	--	--	253	--	--	--	--	--	--	--
Kilbourn (WI)	--	--	--	6,217	--	--	--	--	--	--	--
Portable (WI)	--	--	--	--	--	--	--	--	--	--	--
Prairie Du Sac (WI)	--	--	--	14,626	--	--	--	--	--	--	--
Rock River (WI)	66,693	116	113	--	--	1,740	34	*	3	28	2
Shawano (WI)	--	--	--	407	--	--	--	--	--	--	--
Sheepskin (WI)	--	3	329	--	--	--	--	*	5	--	4
Wisconsin Public Service Corp	436,826	387	3,090	25,942	49,898	--	269	1	41	180	31
Alexander (WI)	--	--	--	2,130	--	--	--	--	--	--	--
Caldron Falls (WI)	--	--	--	1,463	--	--	--	--	--	--	--
Eagle River (WI)	--	16	--	--	--	--	--	*	--	--	1
Grand Rapids (MI)	--	--	--	3,348	--	--	--	--	--	--	--
Grandfather Falls (WI)	--	--	--	8,964	--	--	--	--	--	--	--
Hat Rapids (WI)	--	--	--	707	--	--	--	--	--	--	--
High Falls (WI)	--	--	--	1,495	--	--	--	--	--	--	--
Jersey (WI)	--	--	--	302	--	--	--	--	--	--	--
Johnson Falls (WI)	--	--	--	941	--	--	--	--	--	--	--
Kewaunee (WI)	--	--	--	--	--	--	--	--	--	--	--
Kewaunee (WI)	--	--	--	--	49,898	--	--	--	--	--	--
Merrill (WI)	--	--	--	486	--	--	--	--	--	--	--
Otter Rapids (WI)	--	--	--	180	--	--	--	--	--	--	--
Peshtigo (WI)	--	--	--	306	--	--	--	--	--	--	--
Potato Rapids (WI)	--	--	--	494	--	--	--	--	--	--	--
Pulham (WI)	147,993	--	1,596	--	--	--	85	--	22	87	1
Sandstone Rapids (WI)	--	--	--	1,103	--	--	--	--	--	--	--
Tomahawk (WI)	--	--	--	1,154	--	--	--	--	--	--	--
Wausau (WI)	--	--	--	2,869	--	--	--	--	--	--	--
West Marinette (WI)	--	--	96	--	--	--	--	--	1	--	11
Weston (WI)	288,833	371	1,398	--	--	--	184	1	18	94	18
Wisconsin River Power Company	--	--	--	16,967	--	--	--	--	--	--	--
Castle Rock (WI)	--	--	--	7,964	--	--	--	--	--	--	--
Petenwell (WI)	--	--	--	9,003	--	--	--	--	--	--	--
Wisner Elec Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	--
Wisner (NE)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, March 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)
Wolf Creek Nuclear Corporation	--	--	--	--	82,681	--	--	--	--	--	--
Wolf Creek (KS)	--	--	--	--	82,681	--	--	--	--	--	--
Wolverine Power Corporation	--	--	--	4,397	--	--	--	--	--	--	--
Edenville (MI)	--	--	--	2,245	--	--	--	--	--	--	--
Sanford (MI)	--	--	--	1,212	--	--	--	--	--	--	--
Secord (MI)	--	--	--	510	--	--	--	--	--	--	--
Smallwood (MI)	--	--	--	430	--	--	--	--	--	--	--
Wolverine Power Supply Coop	16,834	357	14,750	606	--	--	9	1	151	16	8
Advance (MI)	16,834	289	--	--	--	--	9	1	--	16	*
Beaver Island (MI)	--	-5	--	--	--	--	--	--	--	--	2
Johnson, George (MI)	--	4	69	--	--	--	--	*	2	--	1
Kleber (MI)	--	--	--	461	--	--	--	--	--	--	--
Scottville (MI)	--	-5	--	--	--	--	--	*	--	--	*
Tower (MI)	--	2	--	--	--	--	--	*	--	--	4
Tower Hydro (MI)	--	--	--	145	--	--	--	--	--	--	--
Vandyke, Claude (MI)	--	13	14,681	--	--	--	--	*	150	--	*
Vestaburg (MI)	--	57	--	--	--	--	--	*	--	--	1
Winder, C A (MI)	--	2	--	--	--	--	--	*	--	--	*
Woodsfield Elec Light Plant	--	--	--	--	--	--	--	--	--	--	--
Anadarko (OH)	--	--	--	--	--	--	--	--	--	--	--
Wrangell Light Plant	--	--	--	--	--	--	--	--	--	--	*
Wrangell (AK)	--	--	--	--	--	--	--	--	--	--	*
Wyandotte Dept Of Mun Service ..	10,603	--	--	--	--	--	9	--	--	22	--
Wyandotte (MI)	10,603	--	--	--	--	--	9	--	--	22	--
Yadkin, Inc	--	--	--	157,597	--	--	--	--	--	--	--
Falls (NC)	--	--	--	21,648	--	--	--	--	--	--	--
High Rock (NC)	--	--	--	23,961	--	--	--	--	--	--	--
Narrows (NC)	--	--	--	82,634	--	--	--	--	--	--	--
Tuckertown (NC)	--	--	--	29,354	--	--	--	--	--	--	--
Yakutat Power Inc	--	471	--	--	--	--	--	1	--	--	*
Yakutat (AK)	--	471	--	--	--	--	--	1	--	--	*
Yazoo City Public Service Comm ..	--	--	--	--	--	--	--	--	--	--	--
Yazoo (MS)	--	--	--	--	--	--	--	--	--	--	--
Yuba County Water Agency	--	--	--	276,307	--	--	--	--	--	--	--
Fish Power (CA)	--	--	--	118	--	--	--	--	--	--	--
New Colgate (CA)	--	--	--	237,067	--	--	--	--	--	--	--
New Narrows (CA)	--	--	--	39,122	--	--	--	--	--	--	--
Yuma City Of	--	--	--	--	--	--	--	--	--	--	--
Yuma (CO)	--	--	--	--	--	--	--	--	--	--	--
Zeeland Board Of Public Works ..	--	41	556	--	--	--	--	*	6	--	*
Zeeland (MI)	--	41	556	--	--	--	--	*	6	--	*
U. S. Total	136,280,471	8,569,220	18,740,126	23,582,666	46,605,706	852,184	67,073	14,062	193,795	143,978	60,314

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, March 1993

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)			
Alabama Electric Coop Inc	93	142.7	34.59	1.34	--	--	--	--	--	--	--	100	--	--
Lowman (AL)	93	142.7	34.59	1.34	--	--	--	--	--	--	--	100	--	--
Alabama Power Co	1,447	202.3	48.78	1.15	9	436.3	25.50	0.00	184	237.4	2.42	99	*	1
Barry (AL)	33	200.0	48.08	.87	--	--	--	--	16	226.0	2.39	98	--	2
Gadsden (AL)	20	184.9	45.96	1.89	*	463.0	26.72	.00	1	227.5	2.33	100	*	*
Gaston (AL)	399	175.0	42.03	1.64	3	438.6	25.68	.00	--	--	--	100	*	--
Gorgas 2 and 3 (AL)	425	176.5	41.69	1.25	1	444.3	26.00	.00	--	--	--	100	*	--
Greene (AL)	121	136.9	33.55	1.25	1	420.9	24.64	.00	--	--	--	100	*	--
James Miller (AL)	450	267.8	65.74	.60	4	434.8	25.39	.00	166	238.7	2.43	98	*	2
American Municipal Power	63	95.9	21.64	4.52	--	--	--	--	8	370.2	3.85	99	--	1
Gorsuch (OH)	63	95.9	21.64	4.52	--	--	--	--	8	370.2	3.85	99	--	1
Ames City of	19	136.4	23.74	.21	*	272.6	16.21	.30	--	--	--	100	*	--
Ames (IA)	19	136.4	23.74	.21	*	272.6	16.21	.30	--	--	--	100	*	--
Anchorage City of	--	--	--	--	--	--	--	--	584	235.4	2.35	--	--	100
George Sullivan (AK)	--	--	--	--	--	--	--	--	584	235.4	2.35	--	--	100
Appalachian Power Co	662	163.5	40.35	.73	6	568.0	33.15	.00	--	--	--	100	*	--
Amos (WV)	291	186.7	45.33	.77	1	867.6	51.05	.00	--	--	--	100	*	--
Clinch River (VA)	128	129.9	32.36	.68	1	489.6	28.80	.00	--	--	--	100	*	--
Glen Lyn (VA)	50	142.0	36.83	.88	4	488.8	28.48	.00	--	--	--	98	2	--
Kanawha River (WV)	35	175.6	44.16	.78	1	523.5	30.30	.00	--	--	--	100	*	--
Mountaineer (WV)	157	153.3	37.90	.65	*	930.5	53.88	.00	--	--	--	100	*	--
Arizona Electric Pwr Coop Inc	115	126.4	25.14	.40	--	--	--	--	352	213.5	2.20	86	--	14
Apache (AZ)	115	126.4	25.14	.40	--	--	--	--	352	213.5	2.20	86	--	14
Arizona Public Service Co	936	109.7	19.79	.65	2	512.0	29.57	.24	818	275.4	2.80	95	*	5
Cholla (AZ)	253	99.3	19.48	.42	2	512.0	29.57	.24	4	346.8	3.54	100	*	*
Four Corners (NM)	683	114.1	19.90	.73	--	--	--	--	91	395.8	4.01	99	--	1
Ocotillo (AZ)	--	--	--	--	--	--	--	--	125	260.0	2.66	--	--	100
Phoenix (AZ)	--	--	--	--	--	--	--	--	571	260.0	2.65	--	--	100
Saguaro (AZ)	--	--	--	--	--	--	--	--	27	258.0	2.65	--	--	100
Arkansas Power & Light Co	690	162.7	28.50	.29	3	469.8	26.99	.30	280	136.5	1.50	97	*	2
Couch (AR)	--	--	--	--	--	--	--	--	280	136.5	1.50	--	--	100
Independence (AR)	375	149.1	26.27	.18	2	470.5	27.02	.30	--	--	--	100	*	--
Whitebluff (AR)	315	179.1	31.15	.43	*	458.1	26.31	.30	--	--	--	100	*	--
Associated Electric Coop Inc	224	121.6	26.34	3.00	--	--	--	--	--	--	--	100	--	--
Madrid (MO)	224	121.6	26.34	3.00	--	--	--	--	--	--	--	100	--	--
Atlantic City Electric Co	8	173.0	44.26	.67	1	480.8	27.98	.11	*	214.6	2.23	97	2	*
Deepwater (NJ)	8	173.0	44.26	.67	--	--	--	--	*	214.6	2.23	100	--	*
England (NJ)	--	--	--	--	1	480.8	27.98	.11	--	--	--	--	100	--
Austin City of	--	--	--	--	--	--	--	--	1,604	226.7	2.31	--	--	100
Decker Creek (TX)	--	--	--	--	--	--	--	--	1,339	226.7	2.31	--	--	100
Holly (TX)	--	--	--	--	--	--	--	--	265	226.9	2.31	--	--	100
Baltimore Gas & Electric Co	427	150.7	38.84	.98	287	261.9	16.47	.92	313	266.6	2.75	84	14	2
Brandon Shores (MD)	270	152.1	38.71	.67	4	436.5	25.39	.18	--	--	--	100	*	--
Crane (MD)	81	140.2	37.54	2.12	1	426.3	24.80	.18	--	--	--	100	*	--
Gould St (MD)	--	--	--	--	41	261.8	16.44	.98	--	--	--	--	100	--
Riverside (MD)	--	--	--	--	14	275.8	17.64	.67	110	260.7	2.69	--	44	56
Wagner (MD)	76	157.3	40.69	.85	209	257.1	16.19	.94	203	269.8	2.79	56	38	6
Westport (MD)	--	--	--	--	18	261.8	16.44	.98	--	--	--	--	100	--
Basin Electric Power Coop	1,492	64.9	9.54	.50	6	478.6	27.72	.34	--	--	--	100	*	--
Antelope Valley (ND)	510	72.0	9.60	.56	--	--	--	--	--	--	--	100	--	--
Laramie River (WY)	697	52.8	8.63	.41	5	481.2	27.87	.34	--	--	--	100	*	--
Leland Olds (ND)	285	88.6	11.69	.62	1	462.5	26.78	.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, March 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)			
Big Rivers Electric Corp	421	122.7	27.63	3.16	--	--	--	--	1	268.5	2.68	100	--	*
Coleman (KY)	114	94.2	20.98	2.48	--	--	--	--	1	268.5	2.68	100	--	*
R D Green (KY)	121	123.7	25.58	4.13	--	--	--	--	--	--	--	100	--	--
Reid-Henderson (KY)	76	130.4	32.13	2.65	--	--	--	--	--	--	--	100	--	--
Wilson (KY)	110	144.5	33.67	3.15	--	--	--	--	--	--	--	100	--	--
Boston Edison Co	--	--	--	--	550	236.7	15.11	1.00	2,765	284.4	2.95	--	55	45
Mystic (MA)	--	--	--	--	550	236.7	15.1	1.00	361	281.7	3.05	--	90	10
New Boston (MA)	--	--	--	--	--	--	--	--	2,404	284.8	2.93	--	--	100
Braintree City of	--	--	--	--	--	--	--	--	81	242.0	2.50	--	--	100
Potter Station (MA)	--	--	--	--	--	--	--	--	81	242.0	2.50	--	--	100
Brazos Electric Power Coop Inc	--	--	--	--	--	--	--	--	1,460	201.0	2.03	--	--	100
Miller (TX)	--	--	--	--	--	--	--	--	1,421	200.9	2.03	--	--	100
North Texas (TX)	--	--	--	--	--	--	--	--	39	202.6	2.15	--	--	100
Bryan City of	--	--	--	--	--	--	--	--	274	208.7	2.17	--	--	100
Bryan (TX)	--	--	--	--	--	--	--	--	274	208.7	2.17	--	--	100
Burbank City of	--	--	--	--	--	--	--	--	139	355.5	3.65	--	--	100
Magnolia-Olive (CA)	--	--	--	--	--	--	--	--	139	355.5	3.65	--	--	100
Burlington City of	--	--	--	--	--	--	--	--	1	337.4	3.33	--	--	100
J C McNeil (VT)	--	--	--	--	--	--	--	--	1	337.4	3.33	--	--	100
Cajun Electric Power Coop Inc	502	152.1	25.29	.45	4	428.5	25.20	.00	--	--	--	100	*	--
Big Cajun No.2 (LA)	502	152.1	25.29	.45	4	428.5	25.20	.00	--	--	--	100	*	--
Cambridge Electric Light Co	--	--	--	--	10	290.2	18.44	.49	57	250.0	2.63	--	51	49
Kendall Square (MA)	--	--	--	--	10	290.2	18.44	.49	57	250.0	2.63	--	51	49
Canal Electric Co	--	--	--	--	647	199.8	12.75	1.85	--	--	--	--	100	--
Canal (MA)	--	--	--	--	647	199.8	12.75	1.85	--	--	--	--	100	--
Cardinal Operating Co	319	147.3	34.69	1.77	--	--	--	--	--	--	--	100	--	--
Cardinal (OH)	319	147.3	34.69	1.77	--	--	--	--	--	--	--	100	--	--
Carolina Power & Light Co	692	173.1	43.15	.92	7	447.7	25.95	.20	--	--	--	100	*	--
Asheville (NC)	70	129.0	33.80	.95	*	447.2	25.92	.20	--	--	--	100	*	--
Cape Fear (NC)	41	214.1	54.46	1.18	--	--	--	--	--	--	--	100	--	--
Lee (NC)	8	180.1	45.09	.89	--	--	--	--	--	--	--	100	--	--
Mayo (NC)	137	183.6	44.95	.69	2	446.1	25.86	.20	--	--	--	100	*	--
Robinson (SC)	7	226.1	57.73	1.18	--	--	--	--	--	--	--	100	--	--
Roxboro (NC)	411	172.3	42.76	.96	4	448.1	25.97	.20	--	--	--	100	*	--
Sutton (NC)	18	173.2	42.17	.82	*	452.2	26.21	.20	--	--	--	99	1	--
Cedar Falls City of	--	--	--	--	--	--	--	--	1	414.1	4.14	--	--	100
Streeter (IA)	--	--	--	--	--	--	--	--	1	414.1	4.14	--	--	100
Centel Corp	--	--	--	--	--	--	--	--	22	306.8	3.60	--	--	100
Cimarron River (KS)	--	--	--	--	--	--	--	--	19	300.1	3.61	--	--	100
Large (KS)	--	--	--	--	--	--	--	--	2	364.8	3.74	--	--	100
Mullergren (KS)	--	--	--	--	--	--	--	--	1	327.3	3.21	--	--	100
Central Electric Pwr Coop-MO	11	131.8	29.35	2.92	--	--	--	--	--	--	--	100	--	--
Chamois (MO)	11	131.8	29.35	2.92	--	--	--	--	--	--	--	100	--	--
Central Hudson Gas & Elec Corp	20	187.2	48.84	.62	448	226.0	14.50	1.24	370	284.0	2.91	14	76	10
Danskammer (NY)	20	187.2	48.84	.62	2	457.7	26.82	.10	366	281.7	2.89	58	1	41
Roseton (NY)	--	--	--	--	447	225.2	14.45	1.24	4	483.0	4.95	--	100	*
Central Illinois Light Co	216	177.8	42.62	1.93	1	477.7	27.65	.19	--	--	--	100	*	--
Duck Creek (IL)	87	202.1	43.12	3.33	*	468.9	27.14	.21	--	--	--	100	*	--
Edwards (IL)	129	164.2	42.27	.99	1	479.5	27.76	.19	--	--	--	100	*	--

See notes and footnotes at end of table.

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

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Central Illinois Pub Serv Co	445	164.1	36.45	2.50	3	474.6	27.38	0.16	--	--	--	100	*	--
Coffeen (IL)	168	160.4	33.55	2.74	3	474.3	27.36	.16	--	--	--	100	*	--
Grand Tower (IL)	19	180.0	41.49	2.86	--	--	--	--	--	--	--	100	--	--
Hutsonville (IL)	10	116.5	25.64	2.08	--	--	--	--	--	--	--	100	--	--
Meredosia (IL)	42	153.4	36.25	3.19	1	477.6	27.62	.17	--	--	--	100	*	--
Newton (IL)	206	169.8	38.95	2.15	*	470.6	27.11	.18	--	--	--	100	*	--
Central Iowa Power Coop	--	--	--	--	--	--	--	--	*	383.7	3.90	--	--	100
Fair Station (IA)	--	--	--	--	--	--	--	--	*	383.7	3.90	--	--	100
Central Louisiana Elec Co Inc	287	158.4	25.00	.55	--	--	--	--	1,526	227.8	2.37	74	--	26
Coughlin (LA)	--	--	--	--	--	--	--	--	25	225.6	2.47	--	--	100
Dolet Hills (LA)	135	124.2	17.34	.61	--	--	--	--	1	225.6	2.29	100	--	*
Rodemacher (LA)	152	182.8	31.80	.49	--	--	--	--	666	225.6	2.34	79	--	21
Teche (LA)	--	--	--	--	--	--	--	--	834	229.5	2.38	--	--	100
Central Maine Power Co	--	--	--	--	180	197.3	12.55	1.93	--	--	--	--	100	--
Wyman (ME)	--	--	--	--	180	197.3	12.55	1.93	--	--	--	--	100	--
Central Nebraska Pub P&I Dist	--	--	--	--	--	--	--	--	2	422.9	3.93	--	--	100
Canaday (NE)	--	--	--	--	--	--	--	--	2	422.9	3.93	--	--	100
Central Operating Co	67	173.3	43.06	1.15	*	687.0	39.42	.00	--	--	--	100	*	--
Sporn (WV)	67	173.3	43.06	1.15	*	687.0	39.42	.00	--	--	--	100	*	--
Central Power & Light Co	129	209.3	44.34	.41	--	--	--	--	7,270	203.1	2.11	27	--	73
Bates (TX)	--	--	--	--	--	--	--	--	840	192.4	2.01	--	--	100
Coletto Creek (TX)	129	209.3	44.34	.41	--	--	--	--	--	--	--	100	--	--
Davis (TX)	--	--	--	--	--	--	--	--	1,858	207.3	2.13	--	--	100
Hill (TX)	--	--	--	--	--	--	--	--	1,885	199.9	2.08	--	--	100
Joslin (TX)	--	--	--	--	--	--	--	--	634	201.4	2.10	--	--	100
Laredo (TX)	--	--	--	--	--	--	--	--	660	234.9	2.48	--	--	100
Nueces Bay (TX)	--	--	--	--	--	--	--	--	834	193.8	1.99	--	--	100
Victoria (TX)	--	--	--	--	--	--	--	--	559	193.5	2.01	--	--	100
Chugach Electric Assn Inc	--	--	--	--	--	--	--	--	1,110	64.3	.64	--	--	100
Beluga (AK)	--	--	--	--	--	--	--	--	1,110	64.3	.64	--	--	100
Cincinnati Gas & Electric Co	848	140.0	34.33	2.10	17	453.7	26.05	.42	--	--	--	100	*	--
Beckjord (OH)	199	172.8	41.84	1.25	2	446.6	25.93	.40	--	--	--	100	*	--
East Bend (KY)	62	176.6	41.59	1.59	3	462.1	26.52	.50	--	--	--	99	1	--
Miami Fort (OH)	219	158.5	38.87	1.49	3	453.9	25.95	.31	--	--	--	100	*	--
Zimmer (OH)	367	105.9	26.30	3.02	8	452.2	25.93	.43	--	--	--	99	1	--
Cleveland Electric Illum Co	532	132.3	34.45	2.39	6	471.8	27.50	.33	--	--	--	100	*	--
Ashtabula (OH)	101	142.3	37.05	3.22	1	468.2	27.40	.31	--	--	--	100	*	--
Avon Lake (OH)	134	117.1	30.14	1.80	1	481.9	27.91	.31	--	--	--	100	*	--
Eastlake (OH)	261	131.2	34.35	2.62	3	469.6	27.36	.35	--	--	--	100	*	--
Lake Shore (OH)	36	167.7	44.02	.58	1	471.8	27.59	.32	--	--	--	99	1	--
Coffeyville City of	--	--	--	--	--	--	--	--	12	261.0	2.61	--	--	100
Coffeyville (KS)	--	--	--	--	--	--	--	--	12	261.0	2.61	--	--	100
Colorado Springs City of	112	140.4	30.07	.44	--	--	--	--	2	326.4	3.20	100	--	*
Birdsall (CO)	--	--	--	--	--	--	--	--	*	326.4	3.20	--	--	100
Drake (CO)	51	156.0	32.57	.42	--	--	--	--	2	326.4	3.20	100	--	*
Nixon (CO)	61	128.1	27.99	.45	--	--	--	--	--	--	--	100	--	--
Columbia City of	5	211.0	58.16	.66	--	--	--	--	--	--	--	100	--	--
Columbia (MO)	5	211.0	58.16	.66	--	--	--	--	--	--	--	100	--	--
Columbus & Southern Ohio El Co	329	144.4	34.09	3.27	1	456.5	26.84	.00	--	--	--	100	*	--
Conesville (OH)	314	146.2	34.57	3.28	1	459.5	27.09	.00	--	--	--	100	*	--
Picway (OH)	15	104.7	24.14	2.98	1	452.3	26.50	.00	--	--	--	99	1	--

See notes and footnotes at end of table.

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

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Commonwealth Edison Co	721	274.0	50.66	0.58	156	304.4	18.99	0.61	421	297.1	3.01	90	7	3
Collins (IL)	--	--	--	--	124	268.5	17.04	.70	--	--	--	--	100	--
Crawford (IL)	--	--	--	--	--	--	--	--	67	357.6	3.64	--	--	100
Fisk (IL)	53	295.3	56.21	.42	--	--	--	--	87	261.5	2.66	92	--	8
Joliet (IL)	112	249.6	47.67	.43	--	--	--	--	210	289.3	2.93	91	--	9
Kincaid (IL)	47	79.9	16.26	3.75	--	--	--	--	4	315.8	3.14	100	--	*
Powerton (IL)	220	307.6	54.19	.31	--	--	--	--	11	421.5	4.21	100	--	*
State Line (IN)	80	253.1	48.34	.43	--	--	--	--	42	279.0	2.84	97	--	3
Waukegan (IL)	70	273.3	50.74	.39	8	459.5	26.89	.24	--	--	--	97	3	--
Will County (IL)	139	321.3	58.31	.32	24	454.8	26.44	.26	--	--	--	95	5	--
Connecticut Light & Power Co	--	--	--	--	136	253.9	16.20	.98	20	589.2	6.07	--	98	2
Devon (CT)	--	--	--	--	--	443.2	25.80	.50	--	--	--	--	100	--
Middletown (CT)	--	--	--	--	--	459.5	26.75	.30	--	--	--	--	100	--
Montville (CT)	--	--	--	--	47	253.9	16.22	.98	20	589.2	6.07	--	93	7
Norwalk Harbor (CT)	--	--	--	--	89	252.8	16.13	.98	--	--	--	--	100	--
Consolidated Edison Co-NY Inc	--	--	--	--	293	283.4	17.94	.26	6,596	243.2	2.51	--	21	79
Astoria (NY)	--	--	--	--	98	290.2	18.32	.26	2,808	243.2	2.51	--	18	82
East River (NY)	--	--	--	--	--	--	--	--	58	243.5	2.51	--	--	100
Ravenswood (NY)	--	--	--	--	--	--	--	--	2,956	243.2	2.51	--	--	100
Storage Facility #3	--	--	--	--	98	272.7	17.29	.25	--	--	--	--	100	--
Storage Facility #4	--	--	--	--	59	287.5	18.22	.27	--	--	--	--	100	--
Storage Facility #5	--	--	--	--	38	287.4	18.22	.27	--	--	--	--	100	--
Waterside (NY)	--	--	--	--	--	--	--	--	774	243.2	2.51	--	--	100
Consumers Power Co	491	157.8	37.64	.72	54	272.3	17.35	.94	--	--	--	97	3	--
Campbell (MI)	190	173.5	43.17	.70	1	444.7	25.77	.50	--	--	--	100	*	--
Karn-Weadock (MI)	115	153.6	37.68	.85	53	269.9	17.22	.94	--	--	--	89	11	--
Weadock (MI)	129	145.8	31.14	.56	--	--	--	--	--	--	--	100	--	--
Whiting (MI)	58	137.7	33.91	.84	*	447.9	25.96	.50	--	--	--	100	*	--
Coop Power Assn	662	71.5	9.00	.76	--	--	--	--	--	--	--	100	--	--
Coal Creek (ND)	662	71.5	9.00	.76	--	--	--	--	--	--	--	100	--	--
Dairyland Power Coop	46	147.0	24.94	.29	2	458.6	26.97	.50	--	--	--	98	2	--
Alma-Madgett (WI)	46	147.0	24.94	.29	2	456.4	26.84	.50	--	--	--	99	1	--
Stoneman (WI)	--	--	--	--	*	469.9	27.63	.50	--	--	--	--	100	--
Dayton Power & Light Co	456	139.5	33.07	1.20	1	467.1	27.02	.39	25	452.9	4.62	100	*	*
Hutchings (OH)	12	122.7	29.81	.85	--	--	--	--	25	452.9	4.62	92	--	8
Killen (OH)	62	140.1	33.64	.64	--	--	--	--	--	--	--	100	--	--
Stuart (OH)	382	140.0	33.08	1.30	1	467.1	27.02	.39	--	--	--	100	*	--
Delmarva Power & Light Co	196	169.4	43.76	.96	345	234.3	14.89	1.22	166	263.4	2.72	68	29	2
Edgemoor (DE)	38	195.1	50.99	.83	237	238.7	15.17	.92	166	263.4	2.72	37	57	6
Indian River (DE)	158	163.2	42.04	.99	6	436.7	25.80	.25	--	--	--	99	1	--
Vienna (MD)	--	--	--	--	102	213.4	13.63	1.98	--	--	--	--	100	--
Denton City of	--	--	--	--	--	--	--	--	248	205.9	2.13	--	--	100
Spencer (TX)	--	--	--	--	--	--	--	--	248	205.9	2.13	--	--	100
Deseret Generation & Tran Coop ..	181	200.3	43.81	.43	5	558.0	32.34	.00	--	--	--	99	1	--
Bonanza (UT)	181	200.3	43.81	.43	5	558.0	32.34	.00	--	--	--	99	1	--
Detroit City of	--	--	--	--	15	281.0	17.21	.71	85	108.0	1.10	--	52	48
Mistersky (MI)	--	--	--	--	15	281.0	17.21	.71	85	108.0	1.10	--	52	48
Detroit Edison Co	769	148.1	32.91	.77	18	433.2	25.13	.00	1,037	211.8	.38	98	1	1
Belle River (MI)	--	--	--	--	1	440.2	25.49	.00	--	--	--	--	100	--
Greenwood (MI)	--	--	--	--	--	--	--	--	38	201.1	2.05	--	--	100
Harbor Beach (MI)	--	--	--	--	1	446.0	25.58	.00	--	--	--	--	100	--
Marysville (MI)	--	--	--	--	--	--	--	--	16	365.0	3.73	--	--	100
Monroe (MI)	560	147.0	32.83	.84	13	432.1	25.10	.00	--	--	--	99	1	--
River Rouge (MI)	97	151.7	33.43	.58	--	--	--	--	963	166.2	.19	95	--	5

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, March 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)			
Detroit Edison Co														
St Clair (MI)	25	118.6	21.69	0.31	--	--	--	--	20	365.0	3.70	96	--	4
Trenton Channel (MI)	87	158.3	36.04	.65	3	431.4	24.97	0.00	--	--	--	99	1	--
Dover City of	--	--	--	--	50	276.0	17.63	1.07	18	308.0	3.25	--	94	6
McKee Run (DE)	--	--	--	--	50	276.0	17.63	1.07	18	308.0	3.25	--	94	6
Duke Power Co	674	176.2	43.54	.95	8	441.3	25.74	.30	--	--	--	100	*	--
Allen (NC)	41	179.5	44.66	.94	2	445.2	26.05	.30	--	--	--	99	1	--
Belews Creek (NC)	378	171.6	42.37	.99	2	441.8	25.84	.30	--	--	--	100	*	--
Cliffside (NC)	--	--	--	--	1	440.9	25.53	.30	--	--	--	--	100	--
Marshall (NC)	246	182.2	44.99	.90	3	438.5	25.54	.30	--	--	--	100	*	--
Riverbend (NC)	9	188.6	47.99	.88	--	--	--	--	--	--	--	100	--	--
Duquesne Light Co	134	168.7	42.82	1.66	--	--	--	--	63	333.3	3.47	98	--	2
Cheswick (PA)	53	122.4	31.59	1.67	--	--	--	--	63	333.3	3.47	95	--	5
Elrama (PA)	81	199.8	50.17	1.64	--	--	--	--	--	--	--	100	--	--
East Kentucky Power Coop	282	115.3	28.09	1.29	*	452.0	26.31	.12	--	--	--	100	*	--
Cooper (KY)	68	112.4	27.38	1.47	--	--	--	--	--	--	--	100	--	--
Dale (KY)	26	107.0	26.40	.87	*	452.0	26.31	.12	--	--	--	100	*	--
Spurlock (KY)	187	117.5	28.60	1.29	--	--	--	--	--	--	--	100	--	--
El Paso Electric Co	--	--	--	--	--	--	--	--	1,703	212.9	2.18	--	--	100
Newman (TX)	--	--	--	--	--	--	--	--	717	210.0	2.15	--	--	100
Rio Grande (TX)	--	--	--	--	--	--	--	--	986	215.0	2.20	--	--	100
Electric Energy Inc	402	100.7	21.88	1.56	1	512.3	29.40	.20	--	--	--	100	*	--
Joppa (IL)	402	100.7	21.88	1.56	1	512.3	29.40	.20	--	--	--	100	*	--
Empire District Electric Co	100	101.2	18.94	.78	1	437.4	25.62	.50	4	232.8	2.33	100	*	*
Asbury (MO)	78	96.6	17.58	.58	1	437.4	25.62	.00	--	--	--	100	*	--
Riverton (KS)	23	115.1	23.55	1.44	--	--	--	--	4	232.8	2.33	99	--	1
Fayetteville Public Works	--	--	--	--	--	--	--	--	128	358.8	3.71	--	--	100
Butler Warner (NC)	--	--	--	--	--	--	--	--	128	358.8	3.71	--	--	100
Florida Power & Light Co	--	--	--	--	1,548	228.9	14.52	1.73	7,938	233.3	2.33	--	55	45
Cape Canaveral (FL)	--	--	--	--	272	226.7	14.34	2.06	1,173	233.3	2.33	--	59	41
Cutler (FL)	--	--	--	--	--	--	--	--	37	233.3	2.33	--	--	100
Fort Myers (FL)	--	--	--	--	281	233.0	14.80	1.77	--	--	--	--	100	--
Manatee (FL)	--	--	--	--	100	225.1	14.46	1.00	--	--	--	--	100	--
Martin (FL)	--	--	--	--	--	--	--	--	146	233.3	2.33	--	--	100
Port Everglades (FL)	--	--	--	--	275	234.7	15.02	.96	2,658	233.3	2.33	--	40	60
Putnam (FL)	--	--	--	--	--	--	--	--	2,465	233.3	2.33	--	--	100
Riviera (FL)	--	--	--	--	334	206.3	13.23	2.37	18	233.3	2.33	--	99	1
Sanford (FL)	--	--	--	--	186	255.4	16.09	2.00	613	233.3	2.33	--	66	34
Turkey Point (FL)	--	--	--	--	100	238.6	14.33	.96	828	233.3	2.33	--	42	58
Florida Power Corp	338	181.9	45.76	.77	488	242.4	15.42	1.33	52	332.9	3.40	73	27	*
Anclote (FL)	--	--	--	--	5	444.8	26.03	.34	--	--	--	--	100	--
Bartow (FL)	--	--	--	--	*	441.8	25.86	.34	--	--	--	--	100	--
Crystal River (FL)	270	185.0	46.66	.78	9	453.3	26.53	.34	--	--	--	99	1	--
IMT Transfer (LA)	68	169.2	42.21	.75	--	--	--	--	--	--	--	100	--	--
Storage Facility #1	--	--	--	--	463	236.5	15.08	1.33	--	--	--	--	100	--
Suwannee (FL)	--	--	--	--	11	245.0	15.53	2.34	--	--	--	--	100	--
Turner (FL)	--	--	--	--	*	463.4	27.12	.34	52	332.9	3.40	--	2	98
Fort Pierce City of	--	--	--	--	--	--	--	--	244	249.7	2.55	--	--	100
H D King (FL)	--	--	--	--	--	--	--	--	244	249.7	2.55	--	--	100
Fremont City of	17	78.5	14.74	.36	--	--	--	--	8	215.4	2.15	98	--	2
Wright (NE)	17	78.5	14.74	.36	--	--	--	--	8	215.4	2.15	98	--	2
Gainesville City of	19	182.4	47.71	.63	--	--	--	--	430	251.6	2.57	52	--	48

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, March 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ¹		Avg. Sulfur %	Receipts	Average Cost ¹		Avg. Sulfur %	Receipts	Average Cost ¹		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			
Gainesville City of														
Deerhaven (FL)	19	182.4	47.71	0.63	--	--	--	--	244	251.6	2.57	66	--	34
Jr Kelly (FL)	--	--	--	--	--	--	--	--	186	251.7	2.57	--	--	100
Garland City of	--	--	--	--	--	--	--	--	1,110	198.6	2.03	--	--	100
Newman (TX)	--	--	--	--	--	--	--	--	52	207.2	2.12	--	--	100
Olinger (TX)	--	--	--	--	--	--	--	--	1,058	198.2	2.03	--	--	100
Georgia Power Co	1,635	184.3	44.40	1.69	11	458.0	26.64	0.50	9	374.1	3.83	100	*	*
Arkwright (GA)	--	--	--	--	--	--	--	--	3	343.3	3.50	--	--	100
Atkinson-McDonough (GA)	93	166.3	41.38	1.98	--	--	--	--	6	388.0	3.97	100	--	*
Bowen (GA)	542	155.4	38.03	1.30	1	455.1	26.47	.50	--	--	--	100	*	--
Hammond (GA)	10	175.6	45.07	1.51	2	450.0	26.18	.50	--	--	--	96	4	--
Harlee Branch (GA)	177	181.0	44.47	1.59	2	466.4	27.13	.50	--	--	--	100	*	--
Scherer (GA)	245	209.7	52.24	.67	4	455.5	26.50	.50	--	--	--	100	*	--
Wansley (GA)	342	209.8	47.71	2.74	--	--	--	--	--	--	--	100	--	--
Yates (GA)	227	200.7	47.31	2.10	2	464.7	27.03	.50	--	--	--	100	*	--
Glendale City of	--	--	--	--	--	--	--	--	199	352.0	3.61	--	--	100
Glendale (CA)	--	--	--	--	--	--	--	--	199	352.0	3.61	--	--	100
Grand Haven City of	--	--	--	--	--	--	--	--	4	389.0	3.89	--	--	100
J B Simms (MI)	--	--	--	--	--	--	--	--	4	389.0	3.89	--	--	100
Grand Island City of	40	69.1	11.56	.33	--	--	--	--	4	262.6	2.50	99	--	1
Burdick (NE)	--	--	--	--	--	--	--	--	4	262.6	2.50	--	--	100
Platte (NE)	40	69.1	11.56	.33	--	--	--	--	--	--	--	100	--	--
Grand River Dam Authority	219	90.1	15.25	.45	--	--	--	--	17	241.3	2.43	100	--	*
GRDA No 1 (OK)	219	90.1	15.25	.45	--	--	--	--	17	241.3	2.43	100	--	*
Greenville City of	--	--	--	--	--	--	--	--	41	187.1	1.95	--	--	100
Power Lane (TX)	--	--	--	--	--	--	--	--	41	187.1	1.95	--	--	100
Gulf Power Co	290	167.4	40.01	2.55	1	439.3	25.28	.45	7	202.0	2.02	100	*	*
Crist (FL)	209	172.6	41.39	2.64	--	--	--	--	7	202.0	2.02	100	--	*
Smith (FL)	81	153.6	36.43	2.31	1	439.3	25.28	.45	--	--	--	100	*	--
Gulf States Utilities Co	213	170.2	29.63	.48	--	--	--	--	10,093	228.8	2.36	26	--	74
Lewis Creek (TX)	--	--	--	--	--	--	--	--	1,462	214.5	2.21	--	--	100
Nelson (LA)	213	170.2	29.63	.48	--	--	--	--	7	262.6	2.77	100	--	*
Sabine (TX)	--	--	--	--	--	--	--	--	7,416	227.2	2.33	--	--	100
Willow Glen (LA)	--	--	--	--	--	--	--	--	1,208	255.6	2.71	--	--	100
Hamilton City of	6	140.1	35.19	.69	--	--	--	--	287	199.5	2.05	33	--	67
Hamilton (OH)	6	140.1	35.19	.69	--	--	--	--	287	199.5	2.05	33	--	67
Hastings City of	28	86.8	15.28	.18	--	--	--	--	--	--	--	100	--	--
Hastings (NE)	28	86.8	15.28	.18	--	--	--	--	--	--	--	100	--	--
Hawaiian Electric Co Inc	--	--	--	--	706	318.0	19.79	.42	--	--	--	--	100	--
Kahe (HI)	--	--	--	--	196	317.3	19.61	.39	--	--	--	--	100	--
Storage Facility #1	--	--	--	--	478	318.3	19.87	.44	--	--	--	--	100	--
Waiau (HI)	--	--	--	--	32	318.2	19.83	.36	--	--	--	--	100	--
Holyoke Water Power Co	29	179.3	47.44	1.52	*	442.6	25.84	.30	--	--	--	100	*	--
Mount Tom (MA)	29	179.3	47.44	1.52	*	442.6	25.84	.30	--	--	--	100	*	--
Hoosier Energy R E C Inc	279	126.0	28.13	3.34	3	434.8	25.20	.20	--	--	--	100	*	--
Frank E Ratts (IN)	58	139.2	31.35	3.00	--	--	--	--	--	--	--	100	--	--
Merom (IN)	222	122.5	27.29	3.43	3	434.8	25.20	.20	--	--	--	100	*	--
Houston Lighting & Power Co	1,348	214.1	31.93	.82	--	--	--	--	18,096	200.2	2.04	52	--	48
Bertron (TX)	--	--	--	--	--	--	--	--	499	198.0	2.02	--	--	100
Cedar Bayou (TX)	--	--	--	--	--	--	--	--	6,009	194.6	1.98	--	--	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, March 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)			
Houston Lighting & Power Co														
Deepwater (TX)	--	--	--	--	--	--	--	--	47	231.5	2.36	--	--	100
Green Bayou (TX)	--	--	--	--	--	--	--	--	835	205.5	2.09	--	--	100
Limestone (TX)	670	165.8	21.74	1.28	--	--	--	--	74	176.0	1.81	99	--	1
Parish (TX)	677	251.6	42.02	.37	--	--	--	--	3,359	199.6	2.03	77	--	23
Robinson (TX)	--	--	--	--	--	--	--	--	3,536	190.3	1.95	--	--	100
Storage Facility #2	--	--	--	--	--	--	--	--	1,244	231.5	2.34	--	--	100
Webster (TX)	--	--	--	--	--	--	--	--	914	210.4	2.14	--	--	100
Wharton (TX)	--	--	--	--	--	--	--	--	1,578	212.2	2.17	--	--	100
Illinois Power Co	553	140.5	31.10	2.48	2	480.8	27.87	0.30	41	313.3	3.21	100	*	*
Baldwin (IL)	393	138.1	29.85	2.94	--	--	--	--	--	--	--	100	--	--
Havana (IL)	17	173.4	43.33	.73	1	483.2	28.01	.30	--	--	--	98	2	--
Hennepin (IL)	28	157.2	33.24	2.99	--	--	--	--	9	319.2	3.24	98	--	2
Vermilion (IL)	26	126.4	26.86	2.27	1	476.7	27.63	.30	--	--	--	99	1	--
Wood River (IL)	89	142.6	34.86	.66	--	--	--	--	32	311.7	3.20	99	--	1
Imperial Irrigation District	--	--	--	--	--	--	--	--	264	287.0	2.94	--	--	100
El Centro (CA)	--	--	--	--	--	--	--	--	264	287.0	2.94	--	--	100
Independence City of	--	--	--	--	--	--	--	--	2	227.8	2.28	--	--	100
Blue Valley (MO)	--	--	--	--	--	--	--	--	2	227.8	2.28	--	--	100
Indiana & Michigan Electric Co	1,012	115.0	20.49	.48	1	436.5	25.08	.00	--	--	--	100	*	--
Breed (IN)	--	--	--	--	1	436.5	25.08	.00	--	--	--	--	100	--
Rockport (IN)	899	108.6	18.64	.31	--	--	--	--	--	--	--	100	--	--
Tanners Creek (IN)	113	152.8	35.19	1.84	--	--	--	--	--	--	--	100	--	--
Indiana-Kentucky Electric Corp	280	103.5	23.10	3.21	*	514.9	29.79	.28	--	--	--	100	*	--
Clifty Creek (IN)	280	103.5	23.10	3.21	*	514.9	29.79	.28	--	--	--	100	*	--
Indianapolis Power & Light Co	536	106.1	23.62	2.32	2	449.3	25.97	.26	--	--	--	100	*	--
Petersburg (IN)	483	105.0	23.37	2.43	2	449.3	25.97	.26	--	--	--	100	*	--
Pritchard (IN)	10	116.1	26.29	1.03	--	--	--	--	--	--	--	100	--	--
Stout (IN)	43	115.0	25.75	1.45	--	--	--	--	--	--	--	100	--	--
Interstate Power Co	7	319.9	53.60	.34	--	--	--	--	3	277.8	2.79	97	--	3
Dubuque (IA)	--	--	--	--	--	--	--	--	1	289.7	2.90	--	--	100
Kapp (IA)	--	--	--	--	--	--	--	--	2	271.6	2.74	--	--	100
Lansing (IA)	7	319.9	53.60	.34	--	--	--	--	--	--	--	100	--	--
Iowa Electric Light & Power Co	171	95.7	17.01	.51	11	460.0	26.76	.00	99	295.5	2.95	95	2	3
Prairie Creek (IA)	99	100.1	17.56	.46	*	456.6	26.56	.00	2	301.9	3.02	100	*	*
Sutherland (IA)	59	79.2	13.53	.34	11	460.1	26.76	.00	43	299.7	3.00	90	6	4
6th St (IA)	13	126.7	28.61	1.62	--	--	--	--	54	291.9	2.92	84	--	16
Iowa Southern Utilities Co	206	94.5	15.76	.49	2	458.2	26.53	.04	--	--	--	100	*	--
Burlington (IA)	52	87.3	14.59	.86	*	478.4	27.71	.04	--	--	--	100	*	--
Ottumwa (IA)	154	96.9	16.16	.37	2	453.9	26.29	.04	--	--	--	100	*	--
Iowa-Illinois Gas&Electric Co	20	168.2	28.12	.31	--	--	--	--	50	349.0	3.55	87	--	13
Louisa (IA)	20	168.2	28.12	.31	--	--	--	--	21	297.9	3.03	94	--	6
Riverside (IA)	--	--	--	--	--	--	--	--	29	385.9	3.92	--	--	100
Jacksonville Electric Auth	362	147.0	36.05	.89	447	212.8	13.52	1.66	221	237.7	2.49	74	24	2
Kennedy (FL)	--	--	--	--	--	--	--	--	6	237.7	2.49	--	--	100
Northside (FL)	--	--	--	--	445	211.9	13.47	1.67	208	237.7	2.49	--	93	7
Southside (FL)	--	--	--	--	--	--	--	--	7	237.7	2.49	--	--	100
St Johns River (FL)	362	147.0	36.05	.89	2	446.4	26.06	.35	--	--	--	100	*	--
Jamestown City of	12	130.2	32.34	1.69	--	--	--	--	--	--	--	100	--	--
Samuel A Carlson (NY)	12	130.2	32.34	1.69	--	--	--	--	--	--	--	100	--	--
Jersey Central Power&Light Co	--	--	--	--	20	289.6	17.91	.26	162	271.1	2.79	--	43	57
Gilbert (NJ)	--	--	--	--	--	--	--	--	110	273.9	2.82	--	--	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, March 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			
Jersey Central Power&Light Co														
Sayreville (NJ)	--	--	--	--	1	496.5	28.74	0.13	51	265.0	2.73	--	9	91
Werner (NJ)	--	--	--	--	20	280.8	17.41	.27	--	--	--	--	100	--
Kansas City City of														
Kaw (KS)	111	110.0	20.82	0.53	--	--	--	--	23	245.4	2.48	99	--	1
Nearman (KS)	22	127.4	26.80	.44	--	--	--	--	15	241.7	2.44	97	--	3
Quindaro (KS)	64	98.3	16.83	.40	--	--	--	--	--	--	--	100	--	--
Quindaro (KS)	24	118.9	26.01	.96	--	--	--	--	8	252.0	2.55	98	--	2
Kansas City Power & Light Co														
Hawthorne (MO)	857	86.8	15.21	.37	8	445.4	25.87	.15	37	276.8	2.77	99	*	*
Jatun (MO)	155	83.4	14.70	.19	--	--	--	--	37	276.8	2.77	99	--	1
La Cygne (KS)	189	85.7	15.03	.33	--	--	--	--	--	--	--	100	--	--
Montrose (MO)	359	84.9	14.87	.55	8	445.4	25.87	.15	--	--	--	99	1	--
Montrose (MO)	154	95.9	16.77	.20	--	--	--	--	--	--	--	100	--	--
Kansas Gas & Electric Co														
Evans (KS)	--	--	--	--	--	--	--	--	631	230.5	2.20	--	--	100
Gill (KS)	--	--	--	--	--	--	--	--	441	234.7	2.23	--	--	100
Gill (KS)	--	--	--	--	--	--	--	--	190	220.8	2.13	--	--	100
Kansas Power & Light Co														
Jeffrey Energy Cnt (KS)	802	74.6	12.77	.36	--	--	--	--	34	302.3	3.00	100	--	*
Lawrence (KS)	695	65.3	10.80	.34	--	--	--	--	--	--	--	100	--	--
Tecumseh (KS)	86	122.7	25.66	.51	--	--	--	--	25	281.2	2.78	99	--	1
Tecumseh (KS)	21	120.7	25.25	.51	--	--	--	--	9	360.2	3.59	98	--	2
Kentucky Power Co														
Big Sandy (KY)	148	107.4	25.86	1.06	--	--	--	--	--	--	--	100	--	--
Big Sandy (KY)	148	107.4	25.86	1.06	--	--	--	--	--	--	--	100	--	--
Kentucky Utilities Co														
Brown (KY)	496	116.2	27.72	1.48	3	524.3	30.83	.40	--	--	--	100	*	--
Ghent (KY)	116	112.3	26.95	1.85	--	--	--	--	--	--	--	100	--	--
Green River (KY)	336	118.8	28.30	1.31	3	524.3	30.83	.40	--	--	--	100	*	--
Tyrone (KY)	42	105.7	25.03	1.85	--	--	--	--	--	--	--	100	--	--
Tyrone (KY)	2	119.3	29.28	.78	--	--	--	--	--	--	--	100	--	--
Lafayette City of														
Bonin (LA)	--	--	--	--	--	--	--	--	246	200.2	2.10	--	--	100
Bonin (LA)	--	--	--	--	--	--	--	--	246	200.2	2.10	--	--	100
Lake Worth City of														
Tom G Smith (FL)	--	--	--	--	*	447.0	26.21	.14	186	263.0	2.69	--	1	99
Tom G Smith (FL)	--	--	--	--	*	447.0	26.21	.14	186	263.0	2.69	--	1	99
Lakeland City of														
Larsen Mem (FL)	38	170.1	44.88	1.00	--	--	--	--	466	240.8	2.46	68	--	32
Plant 3-McIntosh (FL)	--	--	--	--	--	--	--	--	425	241.1	2.46	--	--	100
Plant 3-McIntosh (FL)	38	170.1	44.88	1.00	--	--	--	--	41	237.2	2.42	96	--	4
Lansing City of														
Eckert (MI)	69	173.9	44.45	.86	1	424.0	24.58	.30	--	--	--	100	*	--
Eckert (MI)	69	173.9	44.45	.86	1	424.0	24.58	.30	--	--	--	100	*	--
Long Island Lighting Co														
Barrett (NY)	--	--	--	--	188	298.1	19.07	.95	1,954	245.8	2.54	--	37	63
Glenwood (NY)	--	--	--	--	--	--	--	--	1,726	240.3	2.48	--	--	100
Northport (NY)	--	--	--	--	--	--	--	--	228	288.0	2.95	--	--	100
Port Jefferson (NY)	--	--	--	--	187	297.0	19.01	.95	--	--	--	--	100	--
Port Jefferson (NY)	--	--	--	--	1	520.5	30.54	.15	--	--	--	--	100	--
Los Angeles City of														
Haynes (CA)	453	143.7	33.92	.46	--	--	--	--	5,354	319.5	3.28	66	--	34
Intermountain (UT)	--	--	--	--	--	--	--	--	4,314	319.5	3.27	--	--	100
Scattergood (CA)	453	143.7	33.92	.46	--	--	--	--	--	--	--	100	--	--
Valley (CA)	--	--	--	--	--	--	--	--	583	319.5	3.32	--	--	100
Valley (CA)	--	--	--	--	--	--	--	--	458	319.5	3.28	--	--	100
Louisiana Power & Light Co														
Little Gypsy (LA)	--	--	--	--	61	241.5	15.48	.88	7,040	220.9	2.29	--	5	95
Nine Mile (LA)	--	--	--	--	1	487.6	28.86	.25	1,269	219.1	2.26	--	*	100
Sterlington (LA)	--	--	--	--	5	487.6	29.55	.24	4,838	216.0	2.25	--	1	99
Waterford (LA)	--	--	--	--	2	494.5	28.41	.00	21	205.4	2.15	--	34	66
Waterford (LA)	--	--	--	--	53	207.1	13.41	.99	912	249.9	2.55	--	27	73
Louisville Gas & Electric Co														
Louisville Gas & Electric Co	361	113.7	26.40	2.91	2	526.4	30.95	.13	10	269.8	2.77	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, March 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	
	(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	Coal
Louisville Gas & Electric Co														Petroleum
Cane Run (KY)	71	119.1	27.82	2.81	*		550.0	32.34	0.13		7	269.8	2.77	100
Mill Creek (KY)	197	116.2	27.28	2.99	--		--	--	--		3	269.8	2.77	100
Trimble County (KY)	93	104.0	23.46	2.81		2	525.3	30.89	.13		--	--	--	99
Lower Colorado River Authority	520	125.1	21.55	.33		2	428.3	25.36	.00		1,414	196.8	2.04	86
Gideon (TX)	--	--	--	--	--	--	--	--	--		1,414	196.8	2.04	--
S Seymour-Fayette (TX)	520	125.1	21.55	.33		2	428.3	25.36	.00		--	--	--	100
Lubbock City of	--	--	--	--	--	--	--	--	--	--	375	262.7	2.71	--
Holly Ave (TX)	--	--	--	--	--	--	--	--	--	--	375	262.7	2.71	--
Madison Gas & Electric Co	--	--	--	--	--	--	--	--	--	--	177	191.0	1.92	--
Blount (WI)	--	--	--	--	--	--	--	--	--	--	177	191.0	1.92	--
Massachusetts Mun Wholes El Co ..	--	--	--	--	--	--	--	--	--	--	38	250.0	2.54	--
Stonybrook (MA)	--	--	--	--	--	--	--	--	--	--	38	250.0	2.54	--
Medina Electric Coop Inc	--	--	--	--	--	--	--	--	--	--	12	215.0	2.29	--
Pearsall (TX)	--	--	--	--	--	--	--	--	--	--	12	215.0	2.29	--
Metropolitan Edison Co	59	137.2	36.25	1.49		4	448.2	25.60	.30		--	--	--	99
Portland (PA)	30	134.8	35.46	1.41		2	452.8	25.86	.30		--	--	--	99
Titus (PA)	29	139.6	37.04	1.58		2	443.6	25.34	.30		--	--	--	99
Michigan South Central Pwr Agcy ...	13	162.8	38.73	3.53		--	--	--	--		--	--	--	100
Project I (MI)	13	162.8	38.73	3.53		--	--	--	--	--	--	--	--	100
Midwest Power	776	91.1	15.61	.38		--	--	--	--		17	469.8	4.68	100
Council Bluffs (IA)	290	108.0	17.83	.36		--	--	--	--	--	4	345.5	3.40	100
George Neal 1-4 (IA)	487	81.6	14.29	.39		--	--	--	--	--	13	507.4	5.07	100
Minnesota Power & Light Co	381	106.4	19.26	.54		1	482.9	27.78	.20		--	--	--	100
Boswell Energy Center (MN)	371	106.3	19.27	.54	*		488.0	28.08	.20		--	--	--	100
Laskin Energy Center (MN)	11	108.9	19.18	.62	*		479.0	27.56	.20		--	--	--	99
Minnkota Power Coop Inc	173	47.0	6.38	.87		1	450.0	26.46	.40		--	--	--	100
Young (ND)	173	47.0	6.38	.87		1	450.0	26.46	.40		--	--	--	100
Mississippi Power & Light Co	--	--	--	--	*	--	453.2	26.02	.30		701	226.1	2.32	--
Brown (MS)	--	--	--	--	*		453.2	26.02	.30		29	229.4	2.38	--
Wilson (MS)	--	--	--	--	--	--	--	--	--	--	673	226.0	2.32	99
Mississippi Power Co	174	156.1	36.12	1.11		--	--	--	--		17	222.1	2.23	100
Daniel (MS)	108	170.6	37.39	.32		--	--	--	--	--	--	--	--	100
Eaton (MS)	--	--	--	--	--	--	--	--	--	--	*	230.4	2.31	--
Sweatt (MS)	--	--	--	--	--	--	--	--	--	--	4	221.3	2.22	100
Watson (MS)	66	135.5	34.06	2.40	--	--	--	--	--	--	13	222.2	2.23	99
Missouri Public Service Comm	100	125.0	26.91	1.78		--	--	--	--		--	--	--	100
Sibley (MO)	100	125.0	26.91	1.78	--	--	--	--	--	--	--	--	--	100
Monongahela Power Co	1,016	127.7	32.53	2.31		13	472.9	28.01	.30		8	418.4	4.18	100
Albright (WV)	51	101.3	24.81	1.47		1	486.3	28.80	.30		--	--	--	100
Ft Martin (WV)	244	145.6	36.56	1.65		6	463.0	27.42	.30		--	--	--	99
Harrison (WV)	404	137.9	36.32	2.33	*		489.5	28.99	.30		8	418.4	4.18	100
Pleasants (WV)	290	102.8	25.53	3.09		6	462.9	27.41	.30		--	--	--	100
Rivesville (WV)	8	119.3	29.19	.90	--	--	--	--	--	--	--	--	--	100
Willow Island (WV)	19	118.3	28.96	1.41	*		757.0	44.83	.30		--	--	--	100
Montana Power Co	726	66.1	11.25	.65		--	--	--	--		2	906.8	10.69	100
Colstrip (MT)	662	66.4	11.27	.65	--	--	--	--	--	--	--	--	--	100
Corette (MT)	64	63.0	10.97	.61	--	--	--	--	--	--	2	906.8	10.69	100
Montana-Dakota Utilities Co	276	80.5	11.21	.87		2	471.6	27.05	.30		*	417.5	4.78	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, March 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)			
Montana-Dakota Utilities Co														
Coyote (ND)	221	75.2	10.52	.93	2	471.6	27.05	0.30	--	--	--	100	*	--
Heskett (ND)	31	104.1	14.81	.71	--	--	--	--	--	--	--	100	--	--
Lewis and Clark (MT)	23	99.9	12.90	.51	--	--	--	--	*	417.5	4.78	100	--	*
Montaup Electric Co	--	--	--	--	53	265.3	16.53	.84	--	--	--	--	100	--
Somerset (MA)	--	--	--	--	53	265.3	16.53	.84	--	--	--	--	100	--
Morgan City City of	--	--	--	--	--	--	--	--	47	237.0	2.46	--	--	100
Morgan City (LA)	--	--	--	--	--	--	--	--	47	237.0	2.46	--	--	100
Muscatine City of	33	81.3	13.90	.92	--	--	--	--	2	303.8	3.10	100	--	*
Muscatine (IA)	33	81.3	13.90	.92	--	--	--	--	2	303.8	3.10	100	--	*
Nebraska Public Power District	428	85.7	15.18	.32	*	475.1	27.56	.00	32	236.0	2.24	100	*	*
Gerald Gentleman (NE)	385	85.2	14.99	.31	*	475.1	27.56	.00	32	232.0	2.20	100	*	*
Sheldon (NE)	43	89.5	16.83	.36	--	--	--	--	1	470.7	4.71	100	--	*
Nevada Power Co	150	184.2	43.32	.51	--	--	--	--	517	219.6	2.24	87	--	13
Clark (NV)	--	--	--	--	--	--	--	--	398	218.4	2.23	--	--	100
Gardner (NV)	150	184.2	43.32	.51	--	--	--	--	--	--	--	100	--	--
Sunrise (NV)	--	--	--	--	--	--	--	--	119	223.7	2.28	--	--	100
New England Power Co	305	167.7	43.13	1.06	549	372.9	23.72	1.84	--	--	--	69	31	--
Brayton (MA)	225	167.7	42.96	.98	242	371.8	23.68	1.85	--	--	--	79	21	--
Salem Harbor (MA)	80	167.5	43.61	1.30	306	373.8	23.74	1.82	--	--	--	52	48	--
New Orleans Public Service Inc	--	--	--	--	2	199.0	12.68	1.50	2,548	208.9	2.18	--	1	99
Michoud (LA)	--	--	--	--	2	199.0	12.68	1.50	2,548	208.9	2.18	--	1	99
New York State Elec & Gas Corp	347	136.2	34.71	1.61	--	--	--	--	--	--	--	100	--	--
Goudey (NY)	21	141.0	36.52	1.69	--	--	--	--	--	--	--	100	--	--
Greenidge (NY)	36	140.1	34.88	1.60	--	--	--	--	--	--	--	100	--	--
Hickling (NY)	20	126.9	26.84	1.36	--	--	--	--	--	--	--	100	--	--
Jennison (NY)	22	157.3	34.59	.93	--	--	--	--	--	--	--	100	--	--
Kintigh (NY)	199	133.5	35.14	1.71	--	--	--	--	--	--	--	100	--	--
Milliken (NY)	49	137.6	35.29	1.54	--	--	--	--	--	--	--	100	--	--
Niagara Mohawk Power Corp	217	142.1	37.14	2.04	3	453.0	26.37	.25	1,020	234.3	2.40	84	*	16
Albany (NY)	--	--	--	--	--	--	--	--	971	233.1	2.39	--	--	100
Dunkirk (NY)	129	137.1	35.75	2.27	1	374.9	21.77	.45	--	--	--	100	*	--
Huntley (NY)	88	149.4	39.18	1.71	2	469.2	27.33	.21	--	--	--	99	1	--
Oswego (NY)	--	--	--	--	--	--	--	--	49	258.5	2.67	--	--	100
Northern Indiana Pub Serv Co	645	140.4	30.64	1.93	--	--	--	--	380	236.3	2.36	97	--	3
Bailly (IN)	135	143.4	31.29	3.03	--	--	--	--	6	241.9	2.42	100	--	*
Michigan City (IN)	110	143.0	32.25	2.05	--	--	--	--	262	236.0	2.36	90	--	10
Mitchell (IN)	111	122.8	23.96	.39	--	--	--	--	9	242.0	2.42	100	--	*
Rollin Schaefer (IN)	288	143.9	32.30	1.95	--	--	--	--	103	236.1	2.36	98	--	2
Northern States Power Co	1,148	118.2	20.75	.34	--	--	--	--	67	221.1	2.27	100	--	*
Black Dog (MN)	90	105.4	18.66	.30	--	--	--	--	34	220.8	2.25	98	--	2
High Bridge (MN)	64	134.5	23.55	.22	--	--	--	--	24	212.3	2.21	98	--	2
King (MN)	166	98.2	17.30	.29	--	--	--	--	--	--	--	100	--	--
Pathfinder (SD)	--	--	--	--	--	--	--	--	5	262.4	2.62	--	--	100
Riverside (MN)	110	128.2	22.45	.22	--	--	--	--	4	227.5	2.32	100	--	*
Sherburne County (MN)	717	121.6	21.30	.39	--	--	--	--	--	--	--	100	--	--
Ohio Edison Co	735	120.9	29.31	1.81	2	469.5	27.13	.25	--	--	--	100	*	--
Burger (OH)	110	103.9	24.92	3.59	*	471.5	27.25	.37	--	--	--	100	*	--
Edgewater (OH)	23	138.1	31.92	1.57	1	479.3	27.60	.18	--	--	--	99	1	--
Niles (OH)	53	109.8	25.88	2.66	--	--	--	--	--	--	--	100	--	--
Sammis (OH)	536	124.9	30.49	1.34	1	460.7	26.71	.27	--	--	--	100	*	--
Toronto (OH)	13	112.0	27.06	3.35	*	463.6	26.73	.36	--	--	--	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, March 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 Power Co	1,311	156.2	36.40	3.30	17	464.6	26.74	0.00	--	--	--	100	*	--
Gavin (OH)	725	163.3	37.48	3.36	--	--	--	--	--	--	--	100	--	--
Kammer (WV)	138	125.9	31.16	3.73	*	484.6	28.20	.00	--	--	--	100	--	--
Mitchell (WV)	162	148.8	36.27	1.21	12	455.5	26.25	.00	--	--	--	98	2	--
Muskingum (OH)	285	158.6	36.26	4.12	5	485.6	27.88	.00	--	--	--	100	*	--
Ohio Valley Electric Corp	262	125.2	30.72	3.52	1	575.6	33.60	.37	--	--	--	100	*	--
Kyger Creek (OH)	262	125.2	30.72	3.52	1	575.6	33.60	.37	--	--	--	100	*	--
Oklahoma Gas & Electric Co	807	114.0	20.12	.34	--	--	--	--	4,155	428.0	4.44	77	--	23
Horseshoe Lake (OK)	--	--	--	--	--	--	--	--	815	428.3	4.44	--	--	100
Muskogee (OK)	318	116.4	20.63	.38	--	--	--	--	621	427.6	4.43	90	--	10
Mustang (OK)	--	--	--	--	--	--	--	--	957	427.7	4.44	--	--	100
Seminole (OK)	--	--	--	--	--	--	--	--	1,763	428.2	4.44	--	--	100
Sooner (OK)	489	112.4	19.78	.32	--	--	--	--	--	--	--	100	--	--
Omaha Public Power District	253	68.7	11.42	.39	--	--	--	--	24	281.2	2.74	99	--	1
Nebraska City (NE)	156	69.5	11.54	.37	--	--	--	--	--	--	--	100	--	--
North Omaha (NE)	97	67.4	11.24	.43	--	--	--	--	24	281.2	2.74	99	--	1
Orange & Rockland Utils Inc	54	207.5	53.88	.55	--	--	--	--	1,789	297.2	3.06	43	--	57
Bowline (NY)	--	--	--	--	--	--	--	--	1,593	297.2	3.06	--	--	100
Lovett (NY)	54	207.5	53.88	.55	--	--	--	--	196	297.2	3.06	87	--	13
Orlando Utilities Comm	66	191.2	48.99	.74	*	461.3	26.52	.30	1,072	244.6	2.50	61	*	39
Indian River (FL)	--	--	--	--	--	--	--	--	1,072	244.6	2.50	--	--	100
Stanton Energy (FL)	66	191.2	48.99	.74	*	461.3	26.52	.30	--	--	--	100	*	--
Orrville City of	17	100.2	23.50	3.25	--	--	--	--	--	--	--	100	--	--
Orrville (OH)	17	100.2	23.50	3.25	--	--	--	--	--	--	--	100	--	--
Otter Tail Power Co	234	109.8	14.05	.84	5	471.8	27.74	.31	--	--	--	99	1	--
Big Stone (SD)	210	107.3	13.03	.90	5	472.1	27.76	.31	--	--	--	99	1	--
Hoot Lake (MN)	24	124.3	22.96	.35	*	464.3	27.30	.31	--	--	--	100	*	--
Owensboro City of	85	86.6	19.45	2.76	*	433.2	25.11	.38	--	--	--	100	*	--
Smith (KY)	85	86.6	19.45	2.76	*	433.2	25.11	.38	--	--	--	100	*	--
Pacific Gas & Electric Co	--	--	--	--	--	--	--	--	16,330	285.3	2.92	--	--	100
Contra Costa (CA)	--	--	--	--	--	--	--	--	2,839	285.3	2.95	--	--	100
Humboldt Bay (CA)	--	--	--	--	--	--	--	--	211	285.3	2.92	--	--	100
Hunters Point (CA)	--	--	--	--	--	--	--	--	991	285.3	2.89	--	--	100
Morro Bay (CA)	--	--	--	--	--	--	--	--	1,375	285.3	2.92	--	--	100
Moss Landing (CA)	--	--	--	--	--	--	--	--	6,499	285.3	2.91	--	--	100
Pittsburg (CA)	--	--	--	--	--	--	--	--	3,514	285.3	2.91	--	--	100
Potrero (CA)	--	--	--	--	--	--	--	--	900	285.3	2.89	--	--	100
Pacific Power & Light Co	2,624	93.9	17.74	.56	4	432.1	25.41	.30	487	181.8	1.89	99	*	1
Carbon (UT)	58	72.3	17.43	.47	--	--	--	--	--	--	--	100	--	--
Centralia (WA)	450	131.7	21.12	.65	2	435.7	25.62	.30	--	--	--	100	*	--
Emery-Hunter (UT)	333	96.5	21.81	.47	--	--	--	--	--	--	--	100	--	--
Gadsby (UT)	--	--	--	--	--	--	--	--	473	178.1	1.86	--	--	100
Huntington (UT)	272	81.3	18.89	.48	--	--	--	--	--	--	--	100	--	--
Jim Bridger (WY)	707	98.6	18.88	.61	--	--	--	--	--	--	--	100	--	--
Johnston (WY)	373	52.8	8.37	.41	2	428.5	25.20	.30	--	--	--	100	*	--
Naughton (WY)	244	113.4	21.94	.66	--	--	--	--	14	305.5	3.20	100	--	*
Wyodak (WY)	187	62.0	9.65	.59	--	--	--	--	--	--	--	100	--	--
Painesville City of	9	138.6	33.77	2.50	--	--	--	--	6	414.0	4.14	97	--	3
Painesville (OH)	9	138.6	33.77	2.50	--	--	--	--	6	414.0	4.14	97	--	3
Pasadena City of	--	--	--	--	--	--	--	--	262	374.2	3.84	--	--	100
Broadway (CA)	--	--	--	--	--	--	--	--	262	374.2	3.84	--	--	100
Pennsylvania Electric Co	1,400	125.5	30.39	1.99	13	451.8	26.34	.05	19	313.7	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, March 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost 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)			
Pennsylvania Electric Co														
Conemaugh (PA)	377	115.2	28.53	2.24	4	458.7	26.74	0.05	19	313.7	3.23	100	*	*
Homer City (PA)	438	133.4	30.56	2.06	3	449.3	26.19	.05	--	--	--	100	*	--
Keystone (PA)	398	134.0	33.46	1.72	--	--	--	--	--	--	--	100	--	--
Seward (PA)	32	107.7	26.37	1.57	1	459.6	26.79	.05	--	--	--	99	1	--
Shawville (PA)	139	110.2	27.12	1.96	5	446.3	26.02	.05	--	--	--	99	1	--
Warren (PA)	16	122.2	29.86	1.49	--	--	--	--	--	--	--	100	--	--
Pennsylvania Power & Light Co	699	151.2	38.25	1.84	13	442.2	25.73	.11	--	--	--	100	*	--
Brunner Island (PA)	271	149.7	39.35	1.82	4	442.1	25.72	.10	--	--	--	100	*	--
Holtwood (PA)	7	112.0	18.69	.58	--	--	--	--	--	--	--	100	--	--
Martins Creek (PA)	32	185.6	46.58	2.18	--	--	--	--	--	--	--	100	--	--
Montour (PA)	353	150.5	37.32	1.85	9	442.3	25.74	.12	--	--	--	99	1	--
Sunbury (PA)	36	143.9	35.48	1.85	--	--	--	--	--	--	--	100	--	--
Pennsylvania Power Co	504	157.5	39.00	2.52	21	458.3	26.27	.44	--	--	--	99	1	--
Bruce Mansfield (PA)	442	162.9	40.38	2.66	21	458.3	26.27	.44	--	--	--	99	1	--
New Castle (PA)	62	118.8	29.17	1.53	--	--	--	--	--	--	--	100	--	--
Philadelphia Electric Co	38	150.3	39.74	2.05	374	238.5	15.29	.43	875	242.5	2.50	23	56	21
Cromby (PA)	38	150.3	39.74	2.05	47	126.4	8.11	.80	875	242.5	2.50	46	14	41
Delaware (PA)	--	--	--	--	110	260.4	16.67	.35	--	--	--	--	100	--
Eddystone (PA)	--	--	--	--	179	246.4	15.80	.40	--	--	--	--	100	--
Schuylkill (PA)	--	--	--	--	38	276.8	17.75	.30	--	--	--	--	100	--
Plains Elec Gen&Trans Coop Inc ..	79	111.3	20.23	.68	--	--	--	--	*	425.1	3.53	100	--	*
Escalante (NM)	79	111.3	20.23	.68	--	--	--	--	*	425.1	3.53	100	--	*
Platte River Power Authority	101	72.1	12.70	.31	--	--	--	--	--	--	--	100	--	--
Rawhide (CO)	101	72.1	12.70	.31	--	--	--	--	--	--	--	100	--	--
Portland General Electric Co	210	112.6	20.12	.38	--	--	--	--	1,946	206.5	2.09	66	--	34
Beaver (OR)	--	--	--	--	--	--	--	--	1,946	206.5	2.09	--	--	100
Boardman (OR)	210	112.6	20.12	.38	--	--	--	--	--	--	--	100	--	--
Potomac Edison Co	10	136.1	34.19	.87	1	447.7	26.51	.30	--	--	--	99	1	--
Smith (MD)	10	136.1	34.19	.87	1	447.7	26.51	.30	--	--	--	99	1	--
Potomac Electric Power Co	398	168.2	42.15	1.55	375	220.1	13.99	1.91	134	284.7	2.96	80	19	1
Chalk (MD)	127	175.0	43.62	1.83	375	220.1	13.99	1.91	134	284.7	2.96	56	42	2
Dickerson (MD)	115	145.9	36.45	1.41	--	--	--	--	--	--	--	100	--	--
Morgantown (MD)	106	177.1	44.42	1.71	--	--	--	--	--	--	--	100	--	--
Potomac River (VA)	50	182.7	46.74	.82	--	--	--	--	--	--	--	100	--	--
Power Authority of State of NY	--	--	--	--	--	--	--	--	1,346	402.4	4.15	--	--	100
Poletti (NY)	--	--	--	--	--	--	--	--	1,346	402.4	4.15	--	--	100
Public Service Co of Colorado	767	111.1	20.95	.38	--	--	--	--	197	243.9	2.40	99	--	1
Arapahoe (CO)	51	106.5	23.83	.48	--	--	--	--	2	244.4	2.39	100	--	*
Cameo (CO)	20	93.1	20.84	.61	--	--	--	--	3	354.8	3.67	99	--	1
Cherokee (CO)	167	110.3	24.81	.42	--	--	--	--	59	237.3	2.32	99	--	1
Comanche (CO)	189	119.0	20.32	.30	--	--	--	--	1	247.0	2.45	100	--	*
Hayden (CO)	49	118.1	25.17	.41	--	--	--	--	4	202.3	2.18	100	--	*
Pawnee (CO)	284	107.5	17.75	.35	--	--	--	--	2	266.2	2.88	100	--	*
Valmont (CO)	7	115.2	25.83	.61	--	--	--	--	1	412.0	4.08	99	--	1
Zuni (CO)	--	--	--	--	--	--	--	--	125	244.4	2.39	--	--	100
Public Service Co of NH	152	164.4	43.44	1.50	203	183.3	12.18	1.92	--	--	--	75	25	--
Merrimack (NH)	111	169.4	44.98	1.80	*	449.6	26.03	.20	--	--	--	100	*	--
Newington Station (NH)	--	--	--	--	203	183.1	12.17	1.93	--	--	--	--	100	--
Schiller (NH)	41	150.5	39.27	.67	--	--	--	--	--	--	--	100	--	--
Public Service Co of NM	473	178.7	33.41	.79	4	526.9	30.10	1.00	7	383.8	3.98	100	*	*
Reeves (NM)	--	--	--	--	--	--	--	--	7	383.8	3.98	--	--	100
San Juan (NM)	473	178.7	33.41	.79	4	526.9	30.10	1.00	--	--	--	100	*	--

See notes and footnotes at end of table.

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

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Public Service Co of Oklahoma	326	156.2	27.13	0.47	--	--	--	--	4,610	298.5	3.09	54	--	46
Comanche (CS) (OK)	--	--	--	--	--	--	--	--	1,215	298.5	3.19	--	--	100
Northeastern (OK)	326	156.2	27.13	.47	--	--	--	--	62	298.5	3.07	99	--	1
Riverside (OK)	--	--	--	--	--	--	--	--	3,306	298.5	3.05	--	--	100
Southwestern (OK)	--	--	--	--	--	--	--	--	27	298.5	3.16	--	--	100
Public Service Electric & Gas Co	164	180.6	49.55	.78	24	330.0	20.49	0.29	1,009	239.0	2.47	79	3	18
Bergen (NJ)	--	--	--	--	--	--	--	--	280	239.0	2.47	--	--	100
Hudson (NJ)	63	184.1	48.28	.79	--	--	--	--	402	239.0	2.47	80	--	20
Kearny (NJ)	--	--	--	--	24	330.0	20.49	.29	--	--	--	--	100	--
Mercer (NJ)	101	178.6	50.35	.78	--	--	--	--	34	239.0	2.47	99	--	1
Sewaren (NJ)	--	--	--	--	--	--	--	--	293	239.0	2.47	--	--	100
PSI Energy Inc	1,129	132.5	29.40	1.78	21	457.8	26.34	.30	--	--	--	100	*	--
Cayuga (IN)	215	130.0	28.86	1.98	2	468.7	26.97	.30	--	--	--	100	*	--
Edwardsport (IN)	13	90.0	20.31	2.31	--	--	--	--	--	--	--	100	--	--
Gallagher (IN)	48	180.4	38.59	1.81	7	463.0	26.64	.30	--	--	--	96	4	--
Gibson Station (IN)	754	132.4	29.42	1.69	6	452.6	26.04	.30	--	--	--	100	*	--
Noblesville (IN)	10	143.6	32.51	2.03	1	451.9	26.00	.30	--	--	--	98	2	--
Wabash River (IN)	89	119.2	26.57	1.98	6	454.3	26.14	.30	--	--	--	98	2	--
Richmond City of	31	147.1	33.05	1.87	--	--	--	--	--	--	--	100	--	--
Whitewater (IN)	31	147.1	33.05	1.87	--	--	--	--	--	--	--	100	--	--
Rochester City of	7	173.4	40.58	1.58	--	--	--	--	3	478.4	4.88	98	--	2
Silver Lake (MN)	7	173.4	40.58	1.58	--	--	--	--	3	478.4	4.88	98	--	2
Rochester Gas & Electric Corp	68	130.6	34.64	1.85	--	--	--	--	--	--	--	100	--	--
Beebe Station 3 (NY)	17	131.4	35.05	1.79	--	--	--	--	--	--	--	100	--	--
Russell Station 7 (NY)	51	130.3	34.50	1.87	--	--	--	--	--	--	--	100	--	--
Ruston City of	--	--	--	--	--	--	--	--	120	226.0	2.38	--	--	100
Steam Plant (LA)	--	--	--	--	--	--	--	--	120	226.0	2.38	--	--	100
S Mississippi Elec Pwr Assn	63	207.3	51.61	.89	--	--	--	--	274	200.5	1.99	85	--	15
Moselle (MS)	--	--	--	--	--	--	--	--	274	200.5	1.99	--	--	100
R D Morrow (MS)	63	207.3	51.61	.89	--	--	--	--	--	--	--	100	--	--
Salt River Proj Ag I & P Dist	771	124.2	26.59	.49	--	--	--	--	557	306.9	3.13	97	--	3
Agua Fria (AZ)	--	--	--	--	--	--	--	--	272	297.5	3.03	--	--	100
Coronado (AZ)	176	178.7	35.69	.41	--	--	--	--	--	--	--	100	--	--
Kyrene (AZ)	--	--	--	--	--	--	--	--	8	1,576.4	16.11	--	--	100
Navajo (AZ)	595	109.4	23.90	.51	--	--	--	--	--	--	--	100	--	--
Santan (AZ)	--	--	--	--	--	--	--	--	277	277.1	2.83	--	--	100
San Antonio City of	367	126.3	21.32	.32	--	--	--	--	1,376	209.3	2.15	81	--	19
Braunig (TX)	--	--	--	--	--	--	--	--	422	209.4	2.14	--	--	100
JT Deely/Spruce (TX)	367	126.3	21.32	.32	--	--	--	--	5	201.0	2.06	100	--	*
Sommers (TX)	--	--	--	--	--	--	--	--	946	209.4	2.15	--	--	100
Tuttle (TX)	--	--	--	--	--	--	--	--	3	190.2	1.95	--	--	100
San Diego Gas & Electric Co	--	--	--	--	--	--	--	--	3,839	320.4	3.29	--	--	100
Encina (CA)	--	--	--	--	--	--	--	--	1,624	333.3	3.42	--	--	100
South Bay (CA)	--	--	--	--	--	--	--	--	2,215	310.9	3.19	--	--	100
San Miguel Electric Coop Inc	283	89.2	9.63	1.96	--	--	--	--	--	--	--	100	--	--
San Miguel (TX)	283	89.2	9.63	1.96	--	--	--	--	--	--	--	100	--	--
Savannah Electric & Power Co	28	164.3	41.37	.84	1	507.7	29.43	.50	15	384.6	3.94	97	1	2
Kraft (GA)	19	163.6	41.78	.85	--	--	--	--	15	384.6	3.94	97	--	3
McIntosh (GA)	9	165.9	40.53	.82	1	507.7	29.43	.50	--	--	--	97	3	--
Riverside (GA)	--	--	--	--	--	--	--	--	*	367.5	3.76	--	--	100
Seminole Electric Coop Inc	317	185.8	44.99	2.67	4	454.5	26.88	.30	--	--	--	100	*	--
Seminole (FL)	317	185.8	44.99	2.67	4	454.5	26.88	.30	--	--	--	100	*	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, March 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			
Sierra Pacific Power Co	98	200.6	40.35	0.50	76	352.4	22.00	0.74	1,714	229.5	2.40	47	11	42
Fort Churchill (NV)	--	--	--	--	34	339.2	21.20	.75	905	229.5	2.40	--	18	82
North Valmy (NV)	98	200.6	40.35	.50	1	504.0	29.32	.00	--	--	--	100	*	--
Tracy (NV)	--	--	--	--	41	359.8	22.49	.75	809	229.5	2.40	--	23	77
Solid Waste Auth of Central Ohio ..	--	--	--	--	--	--	--	--	13	248.2	2.57	--	--	100
Solid Waste R F (OH)	--	--	--	--	--	--	--	--	13	248.2	2.57	--	--	100
South Carolina Electric&Gas Co	299	159.2	40.57	1.15	10	456.7	26.47	.20	56	314.0	3.20	99	1	1
Canadys (SC)	41	167.5	41.56	1.32	1	455.6	26.41	.20	53	314.0	3.20	94	1	5
Mcmeekin (SC)	22	150.8	38.68	1.29	--	--	--	--	--	--	--	100	--	--
Urguhart (SC)	36	157.3	41.06	1.36	1	462.3	26.79	.20	3	313.2	3.19	99	1	*
Wateree (SC)	92	153.6	39.10	1.35	3	463.1	26.84	.20	--	--	--	99	1	--
Williams (SC)	107	163.3	41.68	.83	5	452.5	26.23	.20	--	--	--	99	1	--
South Carolina Pub Serv Auth	296	150.8	38.43	1.19	--	--	--	--	--	--	--	100	--	--
Cross (SC)	85	161.4	39.20	1.07	--	--	--	--	--	--	--	100	--	--
Jefferies (SC)	34	128.5	33.38	1.53	--	--	--	--	--	--	--	100	--	--
Winyah (SC)	177	150.3	39.02	1.18	--	--	--	--	--	--	--	100	--	--
Southern California Edison Co	342	117.8	25.80	.50	--	--	--	--	12,411	302.9	3.15	37	--	63
Alamitos (CA)	--	--	--	--	--	--	--	--	3,485	305.7	3.14	--	--	100
Cool Water (CA)	--	--	--	--	--	--	--	--	608	235.2	2.47	--	--	100
El Segundo (CA)	--	--	--	--	--	--	--	--	1,927	309.3	3.24	--	--	100
Etiwanda (CA)	--	--	--	--	--	--	--	--	1,161	314.7	3.23	--	--	100
Huntington Beach (CA)	--	--	--	--	--	--	--	--	874	287.2	2.97	--	--	100
Long Beach (CA)	--	--	--	--	--	--	--	--	42	302.4	3.10	--	--	100
Mandalay (CA)	--	--	--	--	--	--	--	--	803	305.5	3.25	--	--	100
Mohave (NV)	342	117.8	25.80	.50	--	--	--	--	258	291.9	2.98	97	--	3
Ormond Beach (CA)	--	--	--	--	--	--	--	--	1,183	309.5	3.26	--	--	100
Redondo (CA)	--	--	--	--	--	--	--	--	2,070	308.9	3.26	--	--	100
Southern Illinois Power Coop	16	98.5	22.33	2.40	1	470.8	26.83	.00	--	--	--	98	2	--
Marion (IL)	16	98.5	22.33	2.40	1	470.8	26.83	.00	--	--	--	98	2	--
Southern Indiana Gas & Elec Co	104	127.6	27.80	1.98	*	500.0	29.19	.39	9	286.8	2.94	100	*	*
A B Brown (IN)	--	--	--	--	--	--	--	--	5	286.8	2.94	--	--	100
Culley (IN)	60	135.6	29.38	1.87	*	500.0	29.19	.39	2	286.8	2.94	100	*	*
Warrick (IN)	44	116.7	25.62	2.14	--	--	--	--	1	286.8	2.94	100	--	*
Southwestern Electric Power Co	782	152.5	24.42	.53	--	--	--	--	1,951	298.3	2.89	87	--	13
Flint Creek (AR)	202	128.7	21.46	.34	--	--	--	--	--	--	--	100	--	--
Knox Lee (TX)	--	--	--	--	--	--	--	--	554	254.1	2.71	--	--	100
Lone Star (TX)	--	--	--	--	--	--	--	--	43	519.2	4.04	--	--	100
Pirkey (TX)	166	156.8	20.89	1.28	--	--	--	--	4	270.0	2.89	100	--	*
Welsh Station (TX)	414	162.7	27.28	.32	--	--	--	--	--	--	--	100	--	--
Wilkes (TX)	--	--	--	--	--	--	--	--	1,350	313.2	2.92	--	--	100
Southwestern Public Service Co	611	176.2	31.01	.29	--	--	--	--	5,119	205.3	2.06	68	--	32
Cunningham (NM)	--	--	--	--	--	--	--	--	1,085	212.1	2.09	--	--	100
Harrington (TX)	404	150.9	26.57	.29	--	--	--	--	4	238.0	2.37	100	--	*
Jones (TX)	--	--	--	--	--	--	--	--	1,123	206.6	2.08	--	--	100
Maddox (NM)	--	--	--	--	--	--	--	--	596	209.9	2.17	--	--	100
Nichols (TX)	--	--	--	--	--	--	--	--	1,602	192.9	1.91	--	--	100
Plant X (TX)	--	--	--	--	--	--	--	--	708	216.4	2.21	--	--	100
Tolk (TX)	207	225.8	39.67	.29	--	--	--	--	1	238.0	2.48	100	--	*
Springfield City of	59	133.0	31.15	1.74	--	--	--	--	13	267.5	2.72	99	--	1
James River (MO)	30	133.5	31.18	1.72	--	--	--	--	10	286.2	2.92	99	--	1
Southwest (MO)	30	132.6	31.11	1.76	--	--	--	--	3	206.2	2.10	100	--	*
Springfield City of	92	113.8	23.44	2.97	--	--	--	--	--	--	--	100	--	--
Dallman (IL)	88	113.8	23.44	2.97	--	--	--	--	--	--	--	100	--	--
Lakeside (IL)	4	113.8	23.44	2.97	--	--	--	--	--	--	--	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, March 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)			
St Joseph Light & Power Co	8	139.8	33.49	3.95	--	--	--	--	21	248.5	2.51	90	--	10
Lakeroad (MO)	8	139.8	33.49	3.95	--	--	--	--	21	248.5	2.51	90	--	10
Sunflower Electric Coop Inc	92	108.0	18.34	.38	--	--	--	--	8	254.3	2.21	100	--	*
Holcomb (KS)	92	108.0	18.34	.38	--	--	--	--	8	254.3	2.21	100	--	*
Tacoma City of	6	177.6	36.52	.50	*	644.0	37.33	0.50	1	386.0	4.05	99	*	1
Steam No.2 (WA)	6	177.6	36.52	.50	*	644.0	37.33	.50	1	386.0	4.05	99	*	1
Tallahassee City of	--	--	--	--	--	--	--	--	1,000	249.0	2.57	--	--	100
Hopkins (FL)	--	--	--	--	--	--	--	--	1,000	249.0	2.57	--	--	100
Tampa Electric Co	594	179.8	44.21	1.99	7	445.1	26.08	.20	--	--	--	100	*	--
Big Bend (FL)	--	--	--	--	2	443.9	26.02	.20	--	--	--	--	100	--
Davant Transfer (LA)	533	174.6	42.69	2.08	--	--	--	--	--	--	--	100	--	--
Gannon (FL)	62	222.5	57.37	1.16	5	445.8	26.11	.21	--	--	--	98	2	--
Hookers Point (FL)	--	--	--	--	*	436.4	25.58	.00	--	--	--	--	100	--
Taunton City of	--	--	--	--	--	--	--	--	3	282.7	2.91	--	--	100
Cleary (MA)	--	--	--	--	--	--	--	--	3	282.7	2.91	--	--	100
Tennessee Valley Authority	3,504	120.9	28.92	2.38	17	469.6	27.20	.50	--	--	--	100	*	--
Allen (TN)	112	126.4	30.63	2.11	1	467.3	27.07	.50	--	--	--	100	*	--
Bull Run (TN)	153	120.7	31.17	1.29	6	442.1	25.59	.50	--	--	--	99	1	--
Colbert (AL)	256	128.0	30.35	1.63	2	511.4	29.08	.50	--	--	--	100	*	--
Cumberland (TN)	764	119.0	28.43	2.89	1	446.7	26.04	.50	--	--	--	100	*	--
Gallatin (TN)	226	121.7	29.90	2.68	1	510.5	29.74	.50	--	--	--	100	*	--
Johnsonville (TN)	316	134.0	31.76	1.70	1	546.8	31.95	.50	--	--	--	100	*	--
Kingston (TN)	363	126.7	31.99	1.28	--	--	--	--	--	--	--	100	--	--
Paradise (KY)	677	106.5	23.61	3.84	*	437.8	25.56	.50	--	--	--	100	*	--
Sevier (TN)	173	124.1	31.74	1.37	*	446.7	26.04	.50	--	--	--	100	*	--
Shawnee (KY)	288	124.8	30.14	1.45	2	476.3	27.57	.50	--	--	--	100	*	--
Widows Creek (AL)	177	120.9	28.92	2.31	3	456.9	26.58	.50	--	--	--	100	*	--
Terrabonne Parrish Con	--	--	--	--	--	--	--	--	85	205.0	2.15	--	--	100
Houma (LA)	--	--	--	--	--	--	--	--	85	205.0	2.15	--	--	100
Texas Municipal Power Agency	329	185.4	16.82	1.44	--	--	--	--	8	198.0	2.03	100	--	*
Gibbons Creek (TX)	329	185.4	16.82	1.44	--	--	--	--	8	198.0	2.03	100	--	*
Texas Utilities Electric Co	2,378	125.6	15.76	.89	19	417.4	24.19	.50	23,688	288.5	2.98	55	*	45
Big Brown (TX)	384	138.2	18.65	.89	--	--	--	--	75	288.5	2.93	99	--	1
Collin (TX)	--	--	--	--	--	--	--	--	229	288.5	2.96	--	--	100
Decordova (TX)	--	--	--	--	--	--	--	--	2,430	288.5	2.89	--	--	100
Eagle Mountain (TX)	--	--	--	--	--	--	--	--	194	288.5	3.00	--	--	100
Graham (TX)	--	--	--	--	--	--	--	--	2,527	288.5	3.06	--	--	100
Handley (TX)	--	--	--	--	--	--	--	--	1,866	288.5	2.94	--	--	100
Lake Hubbard (TX)	--	--	--	--	--	--	--	--	1,608	288.5	2.97	--	--	100
Martin Lake (TX)	987	112.3	14.56	1.12	14	417.4	24.19	.50	--	--	--	99	1	--
Monticello (TX)	784	134.8	15.69	.52	5	417.4	24.19	.50	--	--	--	100	*	--
Morgan Creek (TX)	--	--	--	--	--	--	--	--	1,232	288.5	2.93	--	--	100
North Lake (TX)	--	--	--	--	--	--	--	--	701	288.5	2.95	--	--	100
Parkdale (TX)	--	--	--	--	--	--	--	--	1	288.5	2.88	--	--	100
Permian Basin (TX)	--	--	--	--	--	--	--	--	3,217	288.5	3.01	--	--	100
Sandow No 4 (TX)	223	132.9	16.38	1.20	--	--	--	--	--	--	--	100	--	--
Stryker (TX)	--	--	--	--	--	--	--	--	1,919	288.5	2.99	--	--	100
Tradinghouse (TX)	--	--	--	--	--	--	--	--	4,588	288.5	2.97	--	--	100
Trinidad (TX)	--	--	--	--	--	--	--	--	534	288.5	3.03	--	--	100
Valley (TX)	--	--	--	--	--	--	--	--	2,567	288.5	2.98	--	--	100
Texas-New Mexico Power Co	151	155.3	20.32	1.05	--	--	--	--	14	228.5	2.42	99	--	1
TNP One (Tx)	151	155.3	20.32	1.05	--	--	--	--	14	228.5	2.42	99	--	1
Toledo Edison Co	120	179.4	46.37	1.12	--	--	--	--	--	--	--	100	--	--
Acme (OH)	13	156.4	39.57	.56	--	--	--	--	--	--	--	100	--	--
Bay Shore (OH)	107	182.1	47.19	1.19	--	--	--	--	--	--	--	100	--	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, March 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			
Tri State Gen & Trans Assn, Inc	458	110.8	22.28	0.39	--	--	--	--	9	203.8	2.14	100	--	*
Craig (CO)	421	111.9	22.85	.37	--	--	--	--	9	203.8	2.14	100	--	*
Nucla (CO)	38	95.8	15.94	.63	--	--	--	--	--	--	--	100	--	--
Tucson Electric Power Co	350	172.7	31.40	.66	--	--	--	--	149	238.2	2.45	98	--	2
Irrington (AZ)	10	226.2	46.95	.41	--	--	--	--	149	238.2	2.45	57	--	43
Springerville (AZ)	340	170.9	30.94	.67	--	--	--	--	--	--	--	100	--	--
Union Electric Co	815	134.9	27.80	1.44	2	468.4	26.95	0.29	69	254.6	2.62	100	*	*
Labadie (MO)	367	113.9	22.71	1.23	1	505.1	29.06	.29	--	--	--	100	*	--
Meramec (MO)	70	197.6	46.02	1.28	--	--	--	--	18	278.2	2.84	99	--	1
Rush Island (MO)	240	121.2	23.67	1.11	--	--	--	--	--	--	--	100	--	--
Sioux (MO)	138	171.5	39.23	2.68	1	431.7	24.84	.29	--	--	--	100	*	--
Venice No.2 (IL)	--	--	--	--	--	--	--	--	51	246.3	2.54	--	--	100
United Illuminating Co	83	169.8	44.27	.57	368	249.0	15.94	.97	--	--	--	48	52	--
Bridgeport Harbor (CT)	83	169.8	44.27	.57	103	249.8	15.95	.99	--	--	--	77	23	--
New Haven Hbr (CT)	--	--	--	--	265	248.6	15.94	.97	--	--	--	--	100	--
United Power Assn	96	65.6	8.87	.63	2	502.2	28.90	.00	--	--	--	99	1	--
Stanton (ND)	96	65.6	8.87	.63	2	502.2	28.90	.00	--	--	--	99	1	--
Vero Beach City of	--	--	--	--	--	--	--	--	231	264.4	2.71	--	--	100
Vero Beach (FL)	--	--	--	--	--	--	--	--	231	264.4	2.71	--	--	100
Vineland City of	--	--	--	--	17	294.0	18.35	.84	--	--	--	--	100	--
H M Down (NJ)	--	--	--	--	17	294.0	18.35	.84	--	--	--	--	100	--
Virginia Electric & Power Co	609	143.3	36.22	1.27	6	448.2	26.27	.20	1,769	291.3	3.01	89	*	11
Bremo Bluff (VA)	26	146.5	37.26	.81	1	450.0	26.46	.20	--	--	--	100	*	--
Chesapeake Energy (VA)	94	149.2	38.77	1.06	--	--	--	--	--	--	--	100	--	--
Chesterfield (VA)	215	142.3	36.04	.99	5	436.9	25.69	.20	1,757	290.1	3.00	75	*	25
Mount Storm (WV)	204	138.4	34.19	1.73	1	544.1	30.92	.20	--	--	--	100	*	--
Possum Point (VA)	20	149.8	37.64	.89	--	--	--	--	--	--	--	100	--	--
Yorktown (VA)	49	151.2	39.44	1.33	--	--	--	--	12	467.7	4.86	99	--	1
West Penn Power Co	431	146.2	37.33	2.06	2	444.0	26.30	.27	3	426.3	4.26	100	*	*
Armstrong (PA)	79	120.0	29.95	1.85	*	458.7	27.16	.27	--	--	--	100	*	--
Hatfield (PA)	311	154.5	39.89	2.03	*	432.2	25.59	.27	--	--	--	100	*	--
Mitchell (PA)	41	131.8	32.19	2.67	*	502.7	29.77	.27	3	426.3	4.26	100	*	*
Springdale (PA)	--	--	--	--	1	436.9	25.87	.27	--	--	--	--	100	--
West Texas Utilities Co	130	181.0	30.10	.38	--	--	--	--	3,509	200.7	1.98	38	--	62
Fort Phantom (TX)	--	--	--	--	--	--	--	--	1,682	193.6	1.94	--	--	100
Oak Creek (TX)	--	--	--	--	--	--	--	--	379	194.9	1.95	--	--	100
Oklaunion (TX)	130	181.0	30.10	.38	--	--	--	--	--	--	--	100	--	--
Paint Creek (TX)	--	--	--	--	--	--	--	--	100	260.6	2.63	--	--	100
Rio Pecos (TX)	--	--	--	--	--	--	--	--	962	173.1	1.65	--	--	100
San Angelo (TX)	--	--	--	--	--	--	--	--	386	287.1	2.88	--	--	100
Western Farmers Elec Coop Inc	107	192.3	32.01	.43	--	--	--	--	1,154	232.7	2.37	60	--	40
Anadarko (OK)	--	--	--	--	--	--	--	--	820	232.7	2.38	--	--	100
Hugo (OK)	107	192.3	32.01	.43	--	--	--	--	--	--	--	100	--	--
Mooreland (OK)	--	--	--	--	--	--	--	--	334	232.6	2.37	--	--	100
Western Massachusetts Elec Co	--	--	--	--	1	616.2	36.00	.20	19	232.6	2.34	--	23	77
West Springfield (MA)	--	--	--	--	1	616.2	36.00	.20	19	232.6	2.34	--	23	77
Wisconsin Electric Power Co	555	96.5	18.53	.39	1	474.4	27.68	.27	80	278.8	2.83	99	*	1
Oak Creek (WI)	147	150.8	37.28	.48	--	--	--	--	26	282.0	2.86	99	--	1
Pleasant Prairie (WI)	407	68.3	11.73	.35	--	--	--	--	42	268.7	2.73	99	--	1
Port Washington (WI)	--	--	--	--	--	--	--	--	6	306.0	3.09	--	--	100
Presque Isle (MI)	--	--	--	--	1	474.4	27.68	.27	--	--	--	--	100	--
Valley (WI)	--	--	--	--	--	--	--	--	6	313.6	3.16	--	--	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, March 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Wisconsin Power & Light Co	602	127.3	22.94	0.57	*	421.1	24.76	0.00	*	279.2	2.78	100	*	*
Blackhawk (WI)	--	--	--	--	--	--	--	--	*	279.2	2.78	--	--	100
Columbia (WI)	362	121.3	20.99	.43	--	--	--	--	--	--	--	100	--	--
Edgewater (WI)	217	128.4	23.89	.70	--	--	--	--	--	--	--	100	--	--
Nelson Dewey (WI)	7	153.4	43.52	.75	*	457.1	26.88	.00	--	--	--	99	1	--
Rock River (WI)	16	205.3	45.65	2.07	*	335.7	19.74	.00	--	--	--	100	*	--
Wisconsin Public Service Corp	262	133.0	23.60	.35	--	--	--	--	27	350.0	3.55	99	--	1
Pulliam (WI)	84	119.0	21.44	.41	--	--	--	--	22	371.3	3.77	99	--	1
Weston (WI)	178	139.7	24.62	.31	--	--	--	--	5	256.0	2.60	100	--	*
Wyandotte Municipal Serv Comm ..	5	304.0	76.46	2.43	--	--	--	--	--	--	--	100	--	--
Wyandotte (MI)	5	304.0	76.46	2.43	--	--	--	--	--	--	--	100	--	--
U.S. Total	63,894	137.6	28.40	1.24	9,022	258.8	16.39	1.24	186,075	² 256.6	2.62	84	4	12

¹ The March 1993 petroleum coke receipts were 65,055 short tons and the cost was 58.3 cents per million Btu.

² Monetary values are expressed in nominal terms.

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

* Less than 0.05.

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

See endnotes on the next page.

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

Date	Time	Area	Utility/Power Pool (NERC Council)	Type of Disturbance	Loss (megawatt)	Number of Customers Affected	Restoration Time
3/13/93	Late PM	Western, MD	Potomac Edison Company (ECAR)	¹⁸ 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 NY (NPCC)	³² V R Test	120	2,957,036	11:44 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.

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,

! F = 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

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 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, March 1993

Census Division and State	Coal (Btu per ton)	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	25,998,716	6,394,941	1,036,510
Connecticut	26,070,434	6,396,006	1,030,000
Maine	--	6,361,179	--
Massachusetts	25,787,954	6,370,046	1,036,571
New Hampshire	26,422,398	6,643,869	--
Rhode Island	--	--	--
Vermont	--	--	988,000
Middle Atlantic	25,097,141	6,360,940	1,030,302
New Jersey	27,347,200	6,255,334	1,031,748
New York	25,819,820	6,385,869	1,030,153
Pennsylvania	24,819,672	6,333,567	1,030,562
East North Central	21,992,070	6,125,905	688,357
Illinois	21,182,760	6,214,623	1,017,077
Indiana	21,014,447	5,760,615	1,002,382
Michigan	23,009,428	6,199,913	* 247,321
Ohio	24,110,416	5,772,109	1,028,304
Wisconsin	18,383,323	5,880,000	1,008,008
West North Central	16,878,208	5,813,067	977,136
Iowa	17,144,296	5,814,979	1,004,823
Kansas	17,415,484	5,807,676	963,192
Minnesota	17,727,686	5,780,451	1,028,525
Missouri	19,975,196	5,776,166	1,009,144
Nebraska	17,326,492	5,801,880	963,854
North Dakota	13,181,002	5,771,480	--
South Dakota	12,146,000	5,880,000	998,000
South Atlantic	24,847,407	6,334,199	1,012,995
Delaware	25,836,540	6,352,629	1,036,055
District of Columbia	--	--	--
Florida	24,598,854	6,347,139	1,008,402
Georgia	24,112,572	5,814,669	1,023,523
Maryland	25,421,069	6,333,712	1,035,098
North Carolina	24,819,076	5,816,082	1,033,000
South Carolina	25,484,296	5,796,000	1,018,940
Virginia	25,468,513	5,859,686	1,034,040
West Virginia	25,013,071	5,841,601	1,000,000
East South Central	23,827,546	5,814,037	1,017,102
Alabama	24,051,202	5,815,940	1,019,806
Kentucky	23,214,748	5,820,408	1,022,045
Mississippi	23,603,158	5,742,198	1,016,546
Tennessee	24,464,104	5,804,882	--
West South Central	15,262,713	6,226,284	1,026,294
Arkansas	17,326,094	5,743,551	1,100,171
Louisiana	16,549,398	6,374,641	1,040,510
Oklahoma	17,404,682	--	1,033,974
Texas	14,346,575	5,808,000	1,022,593
Mountain	19,341,702	6,155,817	1,022,939
Arizona	20,234,958	5,776,008	1,022,810
Colorado	19,372,640	--	986,070
Idaho	--	--	--
Montana	16,899,638	--	1,177,429
Nevada	22,012,064	6,243,908	1,036,840
New Mexico	17,969,746	5,712,000	1,009,780
Utah	23,048,872	5,796,000	1,042,000
Wyoming	17,424,326	5,816,490	1,048,000
Pacific Contiguous	16,659,032	5,876,730	1,028,136
California	--	--	1,029,001
Oregon	17,865,000	--	1,011,000
Washington	16,103,810	5,876,730	1,050,000
Pacific Noncontiguous	--	6,224,489	998,689
Alaska	--	--	998,689
Hawaii	--	6,224,489	--
U.S. Average	20,635,684	6,333,652	1,020,588

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

Note: Data for 1993 are preliminary

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

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

Item	Mean Absolute Value of Change	
	1991	1992
Generation (million kilowatthours)		
Coal	250	69
Petroleum	27	42
Gas	64	15
Hydroelectric	5	13
Nuclear	3	2
Other ¹	3	0
Total	288	104
Consumption		
Coal (thousand short tons)	88	85
Petroleum (thousand barrels)	35	71
Gas (million cubic feet)	644	163
Stocks²		
Coal	1,613	345
Petroleum	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-753, "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 for Load: Net generation of main generating units that are system-owned or system-operated plus energy receipts minus energy deliveries.

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

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

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

North American Electric Reliability Council (NERC): A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. 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-Universe Census: This is the complete enumeration of data from a specifically defined subset of entities including, for example, those that exceed a given level of sales or generator nameplate capacity.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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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