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Electric Power Monthly

May 1993

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

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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

Starting with January 1993 data, the cost of gas purchased on the spot market by electric utilities will be collected on the FERC Form 423. This information will be provided monthly in Table 50 of this publication.

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

Monthly Update

January 1993

Receipts and Fuel Costs. Receipts of coal by electric utilities during January 1993 totaled 65 million short tons, an increase of 1 percent from the January 1992 level (Table 2). Coal deliveries to electric utilities may have been affected by the scheduled expiration on February 2, 1993 of the 1988 National Bituminous Coal Wage Agreement. During January 1993, it was anticipated that if no agreement was reached by the deadline, the United Mine Workers of America would initiate a selective strike against a limited number of coal mining companies.

February 1993

Note: Values in text have not been adjusted to account for the Leap Year, 1992.

Generation. Total U.S. net generation of electricity was 225 billion kilowatthours, 3 percent above the

amount reported in February 1992. The energy source with the largest quantitative difference in generation compared with February of last year was coal (higher by 8 billion kilowatthours). Electric utilities used more coal to compensate for the decline in nuclear-powered generation (3 percent below February 1992).

Hydroelectric generation was up by 2 billion kilowatthours from the same period last year. This was the fourth consecutive month of increased hydroelectric generation, indicating a potential recovery trend for this energy source. Heavy rains in California during the month contributed to the higher levels of hydroelectric generation. Generation from hydroelectric plants in California, which supplied 12 percent of the U.S. hydroelectric generation, nearly doubled the amount reported during the corresponding period during previous year.

Sales and Revenue. Both sales of electricity to ultimate consumers and the corresponding revenue were approximately the same in February 1993 as February 1992 (Table 2). However, if the figures were calculated on a per-day basis, there would be an apparent increase of 5 percent in February 1993 compared to February 1992.

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."

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

Month/ Company	Plant	State	Generating Unit Number	Net Summer Capability ¹ (megawatts)	Energy Source	Unit Type Code
January						
None		--	--	--	--	--
February						
Delmarva Power & Light Co.	Hayroad	DE	4	129.5	Waste Heat	CW
Total Capability of Newly Added Units		--	--	129.5	--	--
Total Capability of Retired Units		--	--	--	--	--
U.S. Total Capability		--	--	695,323.3	--	--

¹ Net summer capability is estimated.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are preliminary. Final data for the year are to be released in the *Inventory of Power Plants in the United States* (DOE/EIA - 0095). •Unit Type Codes are: IC = Internal Combustion, GT = Combustion (Gas) Turbine, CT = Combined-Cycle Combustion Turbine, CW = Combined Cycle Steam Turbine with only waste heat capability, HC = Hydraulic Turbine - conventional, HR = Hydraulic Turbine - reversible (pumped storage), ST = Steam Turbine - Boiler.

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

Table 2. U.S. Electric Utility Summary Statistics

Items	February 1993 ¹	January 1993 ¹	February 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
Net Generation (Million kWh)						
Coal	130,078	138,357	121,731	268,435	259,058	3.6
Petroleum ²	6,950	7,226	8,296	14,176	18,499	-23.4
Gas	15,773	15,811	16,165	31,583	32,344	-2.4
Hydroelectric Power ³	19,743	24,474	17,966	44,218	39,468	12.0
Nuclear Power	51,319	59,076	52,804	110,395	110,652	-.2
Other Sources ⁴	800	853	798	1,653	1,711	-3.4
All Energy Sources	224,663	245,797	217,761	470,460	461,732	1.9
Consumption						
Coal (1,000 short tons)	64,201	69,490	60,183	133,691	128,447	4.1
Petroleum (1,000 barrels) ⁵	11,525	11,815	13,536	23,340	30,451	-23.4
Gas (1,000 Mcf)	161,778	164,400	170,293	326,178	339,418	-3.9
Stocks (end-of-month)						
Coal (1,000 short tons)	146,139	150,371	158,145	--	--	--
Petroleum (1,000 barrels) ⁶	65,213	69,736	70,406	--	--	--
Sales (Million kWh)⁷						
Residential	83,416	93,739	82,022	177,155	173,332	2.2
Commercial	60,624	63,930	59,876	124,553	122,317	1.8
Industrial	77,017	78,074	76,312	155,092	153,071	1.3
Other ⁸	7,940	8,113	7,507	16,053	15,232	5.4
All Sectors	228,997	243,856	225,717	472,853	463,953	1.9
Revenue (Million Dollars)⁷						
Residential	6,512	7,262	6,392	13,774	13,436	2.5
Commercial	4,462	4,672	4,404	9,134	8,947	2.1
Industrial	3,590	3,634	3,590	7,224	7,179	.6
Other ⁸	511	531	476	1,042	977	6.7
All Sectors	15,074	16,099	14,862	31,174	30,538	2.1
Average Revenue/kWh (Cents)^{7, 9}						
Residential	7.8	7.7	7.8	7.8	7.8	--
Commercial	7.4	7.3	7.4	7.3	7.3	--
Industrial	4.7	4.7	4.7	4.7	4.7	--
Other ⁸	6.4	6.5	6.3	6.5	6.4	1.6
All Sectors	6.6	6.6	6.6	6.6	6.6	--

January 1993 ¹⁰	December 1992 ¹⁰	January 1992 ¹⁰	Year to Date		
			1993 ¹⁰	1992 ¹⁰	Difference (Percent)

Receipts¹¹						
Coal (1,000 short tons)	65,219	65,889	64,551	65,219	64,551	1.0
Petroleum (1,000 barrels) ¹²	9,026	13,623	12,535	9,026	12,535	-28.0
Gas (1,000 Mcf) ¹³	159,318	169,056	159,873	159,318	159,873	-.3
Cost (cents/million Btu)^{11, 14}						
Coal	138.5	138.7	139.9	138.5	139.9	-.9
Petroleum ¹⁵	259.1	262.3	229.9	259.1	229.9	12.7
Gas ¹³	267.3	276.4	247.0	267.3	247.0	8.2

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 February 1993 was 1,649 million kilowatthours.

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

⁵ The February 1993 petroleum coke consumption was 80,830 short tons.

⁶ The February 1993 petroleum coke stocks were 60,053 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 and 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 January 1993 petroleum coke receipts were 58,250 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 January 1993 petroleum coke cost was 64.7 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 February 1993

Period	All Energy Sources (Million) (Kilowatthours)	Share of Total U.S. Net Generation (Percent)					
		Coal ¹	Petroleum ²	Gas	Hydroelectric	Nuclear	Other ³
1992 ⁴							
January	243,970	56.3	4.2	6.6	8.8	23.7	0.4
February	217,761	55.9	3.8	7.4	8.3	24.2	.4
March	224,665	56.8	3.9	8.9	9.6	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
1993 ⁵							
January	245,797	56.3	2.9	6.4	10.0	24.0	.3
February	224,663	57.9	3.1	7.0	8.8	22.8	.4
Year to Date							
1993 ⁵	470,460	57.1	3.0	6.7	9.4	23.5	.4
1992 ⁴	461,732	56.1	4.0	7.0	8.5	24.0	.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."

Moses-Niagara is a hydro electric plant owned by New York State Power Authority.

Table 4. U.S. Electric Utility Net Generation by Energy Source, 1983 Through February 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
Year to Date							
1993 ⁶	470,460	268,435	14,176	31,583	44,218	110,395	1,653
1992 ⁵	461,732	259,058	18,499	32,344	39,468	110,652	1,711

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

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

³ Pumping energy used for pumped storage plants for February 1993 was 1,649 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	39,954	42,760	39,138	82,714	82,826	-0.1
ERCOT	13,369	15,349	12,987	28,718	28,010	2.5
MAAC	17,124	17,726	16,258	34,850	34,230	1.8
MAIN	16,908	18,320	16,045	35,229	33,765	4.3
MAPP (U.S.)	11,926	13,473	11,485	25,398	24,413	4.0
NPCC (U.S.)	17,103	18,300	18,072	35,403	37,371	-5.3
SERC	49,672	53,315	46,994	102,987	100,423	2.6
SPP	19,167	21,587	18,646	40,754	39,357	3.6
WSCC (U.S.)	38,605	44,022	37,243	82,627	79,479	4.0
Contiguous U.S.	223,828	244,852	216,868	468,680	459,874	1.9
ASCC	375	433	343	808	739	9.3
Hawaii	460	512	551	971	1,118	-13.1
U.S. Total	224,663	245,797	217,761	470,460	461,732	1.9

¹ Data for 1993 are preliminary.

² Data for 1991 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	7,451	7,723	7,534	15,174	15,738	-3.6
Connecticut	2,689	2,629	1,957	5,318	3,752	41.7
Maine	668	747	556	1,415	1,474	-4.0
Massachusetts	2,459	2,780	3,200	5,239	6,664	-21.4
New Hampshire	1,218	1,080	1,417	2,298	2,938	-21.8
Rhode Island	4	*	18	4	46	-91.0
Vermont	413	487	386	900	863	4.3
Middle Atlantic	26,496	27,877	27,032	54,373	55,851	-2.6
New Jersey	2,849	2,845	2,439	5,694	5,184	9.8
New York	9,039	9,990	10,037	19,028	20,610	-7.7
Pennsylvania	14,608	15,042	14,556	29,650	30,057	-1.4
East North Central	40,667	44,417	40,051	85,084	84,795	.3
Illinois	10,664	11,405	9,932	22,069	21,052	4.8
Indiana	8,347	9,013	7,901	17,360	16,704	3.9
Michigan	7,239	8,219	7,183	15,458	15,533	-.5
Ohio	10,643	11,549	11,211	22,192	23,442	-5.3
Wisconsin	3,774	4,230	3,825	8,005	8,063	-.7
West North Central	17,472	19,912	16,954	37,384	35,755	4.6
Iowa	2,608	2,942	2,631	5,550	5,531	.3
Kansas	2,584	2,879	2,372	5,463	4,874	12.1
Minnesota	3,128	3,440	3,196	6,568	6,617	-.7
Missouri	4,348	5,024	4,237	9,372	8,899	5.3
Nebraska	2,106	2,341	1,653	4,447	3,830	16.1
North Dakota	2,357	2,734	2,489	5,091	5,116	-.5
South Dakota	342	552	378	894	887	.8
South Atlantic	43,652	46,101	40,917	89,753	87,178	3.0
Delaware	645	439	403	1,084	1,033	4.9
District of Columbia	*	*	1	*	*	-
Florida	9,551	10,220	9,801	19,771	20,840	-5.1
Georgia	7,008	7,436	6,216	14,444	13,196	9.5
Maryland	3,464	3,852	3,123	7,316	6,697	9.2
North Carolina	7,277	7,469	6,384	14,745	13,802	6.8
South Carolina	5,751	6,410	5,700	12,161	11,831	2.8
Virginia	4,296	4,444	3,821	8,740	8,133	7.5
West Virginia	5,660	5,831	5,469	11,491	11,647	-1.3
East South Central	21,204	22,861	20,153	44,065	43,102	2.2
Alabama	6,369	7,306	6,430	13,675	14,126	-3.2
Kentucky	6,859	7,052	5,870	13,911	12,395	12.2
Mississippi	1,302	1,500	1,816	2,802	3,476	-19.4
Tennessee	6,675	7,002	6,038	13,677	13,105	4.4
West South Central	27,430	31,152	26,300	58,582	56,604	3.5
Arkansas	3,088	3,469	3,007	6,557	6,294	4.2
Louisiana	3,838	4,487	3,604	8,325	7,738	7.6
Oklahoma	3,606	4,032	3,291	7,638	7,025	8.7
Texas	16,898	19,164	16,398	36,062	35,546	1.5
Mountain	20,326	22,962	19,640	43,288	41,470	4.4
Arizona	5,722	6,527	5,100	12,249	10,553	16.1
Colorado	2,585	2,860	2,539	5,446	5,517	-1.3
Idaho	416	517	429	933	950	-1.8
Montana	2,051	2,425	2,086	4,477	4,364	2.6
Nevada	1,572	1,894	1,625	3,466	3,384	2.4
New Mexico	1,991	2,132	1,773	4,124	3,803	8.4
Utah	2,732	3,009	2,678	5,741	5,839	-1.7
Wyoming	3,257	3,596	3,411	6,853	7,060	-2.9
Pacific Contiguous	19,130	21,849	18,286	40,979	39,382	4.1
California	9,757	10,639	8,285	20,396	17,415	17.1
Oregon	3,092	3,496	3,117	6,588	6,799	-3.1
Washington	6,281	7,714	6,884	13,995	15,169	-7.7
Pacific Noncontiguous	835	945	894	1,780	1,857	-4.2
Alaska	375	433	343	808	739	9.3
Hawaii	460	512	551	971	1,118	-13.1
U.S. Total	224,663	245,797	217,761	470,460	461,732	1.9

¹ Data for 1993 are preliminary.

² Data for 1991 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Coal Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	1,433	1,547	1,542	2,980	3,234	-7.9	19.6	20.6
Connecticut	217	239	221	457	465	-1.8	8.6	12.4
Maine	--	--	--	--	--	--	--	--
Massachusetts	897	1,024	1,015	1,920	2,126	-9.7	36.7	31.9
New Hampshire	319	284	307	603	643	-6.2	26.2	21.9
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	11,539	12,080	10,837	23,619	22,893	3.2	43.4	41.0
New Jersey	551	721	395	1,272	1,139	11.7	22.3	22.0
New York	1,940	2,145	2,081	4,085	4,276	-4.5	21.5	20.7
Pennsylvania	9,048	9,213	8,362	18,261	17,478	4.5	61.6	58.1
East North Central	30,041	32,024	29,282	62,065	61,528	.9	72.9	72.6
Illinois	4,521	4,514	4,213	9,035	8,930	1.2	40.9	42.4
Indiana	8,241	8,892	7,722	17,133	16,344	4.8	98.7	97.8
Michigan	4,548	5,069	5,050	9,617	10,300	-6.6	62.2	66.3
Ohio	10,122	10,603	9,700	20,725	20,446	1.4	93.4	87.2
Wisconsin	2,608	2,946	2,596	5,555	5,508	.8	69.4	68.3
West North Central	13,095	15,026	13,154	28,121	27,487	2.3	75.2	76.9
Iowa	2,170	2,542	2,287	4,711	4,763	-1.1	84.9	86.1
Kansas	1,759	1,974	1,809	3,733	3,857	-3.2	68.3	79.1
Minnesota	2,283	2,592	2,098	4,875	4,226	15.4	74.2	63.9
Missouri	3,287	3,749	3,313	7,036	7,111	-1.1	75.1	79.9
Nebraska	1,232	1,343	1,162	2,575	2,381	8.1	57.9	62.2
North Dakota	2,249	2,574	2,325	4,823	4,757	1.4	94.7	93.0
South Dakota	115	253	159	368	391	-5.9	41.2	44.1
South Atlantic	25,680	25,829	23,268	51,509	49,839	3.3	57.4	57.2
Delaware	428	309	239	737	639	15.4	67.9	61.8
District of Columbia	--	--	--	--	--	--	--	--
Florida	5,031	5,361	4,596	10,392	9,991	4.0	52.6	47.9
Georgia	3,846	3,847	3,278	7,693	7,244	6.2	53.3	54.9
Maryland	2,006	2,174	1,666	4,180	3,505	19.3	57.1	52.3
North Carolina	4,589	4,198	4,406	8,786	9,046	-2.9	59.6	65.5
South Carolina	1,797	1,875	1,691	3,672	3,597	2.1	30.2	30.4
Virginia	2,378	2,304	1,979	4,682	4,294	9.0	53.6	52.8
West Virginia	5,605	5,761	5,412	11,365	11,524	-1.4	98.9	98.9
East South Central	16,051	15,684	14,168	31,734	29,635	7.1	72.0	68.8
Alabama	4,428	3,885	3,873	8,313	8,337	-3	60.8	59.0
Kentucky	6,558	6,699	5,568	13,257	11,690	13.4	95.3	94.3
Mississippi	440	540	562	980	1,176	-16.7	35.0	33.8
Tennessee	4,624	4,559	4,165	9,184	8,433	8.9	67.1	64.3
West South Central	15,030	17,101	13,219	32,131	29,442	9.1	54.8	52.0
Arkansas	1,442	1,724	1,397	3,166	3,012	5.1	48.3	47.9
Louisiana	1,440	1,791	1,248	3,231	3,002	7.6	38.8	38.8
Oklahoma	2,256	2,606	2,171	4,862	4,652	4.5	63.7	66.2
Texas	9,893	10,979	8,403	20,872	18,776	11.2	57.9	52.8
Mountain	15,984	17,702	15,211	33,686	32,665	3.1	77.8	78.8
Arizona	2,965	3,225	2,264	6,190	5,237	18.2	50.5	49.6
Colorado	2,444	2,720	2,420	5,164	5,237	-1.4	94.8	94.9
Idaho	--	--	--	--	--	--	--	--
Montana	1,468	1,629	1,533	3,097	3,115	-.6	69.2	71.4
Nevada	1,415	1,673	1,424	3,088	3,004	2.8	89.1	88.8
New Mexico	1,811	1,983	1,630	3,794	3,498	8.5	92.0	92.0
Utah	2,652	2,909	2,564	5,561	5,590	-.5	96.9	95.7
Wyoming	3,229	3,563	3,376	6,792	6,985	-2.8	99.1	98.9
Pacific Contiguous	1,200	1,334	1,023	2,534	2,276	11.3	6.2	5.8
California	--	--	--	--	--	--	--	--
Oregon	337	362	338	699	714	-2.1	10.6	10.5
Washington	863	972	685	1,835	1,562	17.4	13.1	10.3
Pacific Noncontiguous	26	31	28	57	58	-.8	3.2	3.1
Alaska	26	31	28	57	58	-.8	7.1	7.8
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	130,078	138,357	121,731	268,435	259,058	3.6	57.1	56.1

¹ Data for 1993 are preliminary.

² Data for 1991 final.

Notes: •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite.

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

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

Census Division and State	February 1993 ¹	January 1993 ¹	February 1992 ¹	Year to Date				
				Petroleum Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	1,606	1,659	3,009	3,265	6,226	-47.6	21.5	39.6
Connecticut	356	329	779	684	1,721	-60.2	12.9	45.9
Maine	57	28	251	85	444	-80.8	6.0	30.1
Massachusetts	1,118	1,221	1,707	2,339	3,521	-33.6	44.6	52.8
New Hampshire	72	80	254	152	494	-69.3	6.6	16.8
Rhode Island	4	*	18	4	46	-91.0	100.0	100.0
Vermont	*	1	*	1	1	5.2	.1	.1
Middle Atlantic	2,241	1,707	2,534	3,948	5,622	-29.8	7.3	10.1
New Jersey	92	19	78	111	176	-36.8	2.0	3.4
New York	1,744	1,509	2,306	3,253	5,043	-35.5	17.1	24.5
Pennsylvania	405	179	150	583	403	44.6	2.0	1.3
East North Central	119	116	111	235	230	1.8	.3	.3
Illinois	37	51	9	89	44	100.4	.4	.2
Indiana	18	15	43	33	68	-51.2	.2	.4
Michigan	36	20	43	57	84	-32.4	.4	.5
Ohio	20	24	14	45	31	44.9	.2	.1
Wisconsin	7	4	2	12	4	203.9	.1	*
West North Central	131	89	68	220	141	56.1	.6	.4
Iowa	3	2	1	5	2	106.2	.1	*
Kansas	7	2	3	9	3	177.0	.2	.1
Minnesota	66	56	58	123	119	3.4	1.9	1.8
Missouri	47	25	4	71	12	518.5	.8	.1
Nebraska	1	2	1	3	2	57.6	.1	*
North Dakota	6	3	1	9	2	271.5	.2	*
South Dakota	2	*	1	1	1	7.0	.2	.2
South Atlantic	2,019	1,766	1,889	3,785	4,399	-14.0	4.2	5.0
Delaware	189	117	132	305	333	-8.2	28.2	32.2
District of Columbia	*	*	1	*	*	NM	100.0	100.0
Florida	1,339	1,463	1,314	2,802	2,979	-5.9	14.2	14.3
Georgia	6	5	5	11	10	10.5	.1	.1
Maryland	370	128	158	498	527	-5.5	6.8	7.9
North Carolina	11	13	7	24	19	21.9	.2	.1
South Carolina	7	4	2	11	8	34.8	.1	.1
Virginia	76	19	258	95	493	-80.8	1.1	6.1
West Virginia	20	20	11	40	31	28.6	.4	.3
East South Central	35	27	17	62	336	-81.6	.1	.8
Alabama	8	7	6	15	16	-7.3	.1	.1
Kentucky	5	8	3	13	11	18.4	.1	.1
Mississippi	1	*	-2	*	289	NM	*	8.3
Tennessee	21	13	10	33	20	62.8	.2	.2
West South Central	174	196	19	370	49	654.1	.6	.1
Arkansas	6	3	2	10	6	67.6	.1	.1
Louisiana	160	172	4	332	10	3353.4	4.0	.1
Oklahoma	1	1	1	1	3	-49.4	*	*
Texas	7	20	11	27	31	-12.0	.1	.1
Mountain	88	127	33	214	121	76.8	.5	.3
Arizona	3	4	4	7	11	-34.9	.1	.1
Colorado	1	*	1	1	1	-28.0	*	*
Idaho	--	*	--	*	--	NM	*	--
Montana	1	*	*	1	1	27.9	*	*
Nevada	77	112	16	189	85	121.8	5.4	2.5
New Mexico	3	3	3	6	7	-15.6	.1	.2
Utah	2	2	6	4	7	-52.1	.1	.1
Wyoming	2	5	4	7	9	-17.5	.1	.1
Pacific Contiguous	33	965	17	998	147	578.2	2.4	.4
California	33	915	15	948	145	554.3	4.6	.8
Oregon	*	26	1	26	1	3185.2	.4	*
Washington	*	23	1	23	1	1534.5	.2	*
Pacific Noncontiguous	505	574	599	1,079	1,226	-12.0	60.6	66.0
Alaska	46	63	48	110	109	.2	13.6	14.8
Hawaii	459	510	551	969	1,117	-13.2	99.8	99.9
U.S. Total	6,950	7,226	8,296	14,176	18,499	-23.4	3.0	4.0

¹ Data for 1993 are preliminary.

² Data for 1991 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Petroleum (Steam)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	1,587	1,647	2,974	3,234	6,145	-47.4	21.3	39.0
Connecticut	355	328	778	684	1,717	-60.2	12.9	45.8
Maine	56	28	251	85	443	-80.9	6.0	30.1
Massachusetts	1,100	1,211	1,673	2,311	3,445	-32.9	44.1	51.7
New Hampshire	72	79	254	151	494	-69.3	6.6	16.8
Rhode Island	3	--	17	3	45	-92.8	79.1	97.9
Vermont	*	*	*	*	*	NM	*	*
Middle Atlantic	2,216	1,698	2,517	3,914	5,582	-29.9	7.2	10.0
New Jersey	83	17	77	100	168	-40.5	1.8	3.2
New York	1,736	1,502	2,294	3,238	5,018	-35.5	17.0	24.3
Pennsylvania	398	178	146	576	396	45.2	1.9	1.3
East North Central	116	114	110	231	230	.2	.3	.3
Illinois	37	51	8	88	44	101.1	.4	.2
Indiana	17	15	43	33	68	-51.8	.2	.4
Michigan	36	20	43	56	84	-32.9	.4	.5
Ohio	19	24	14	43	31	38.1	.2	.1
Wisconsin	7	4	2	11	4	166.7	.1	.1
West North Central	130	89	68	219	140	56.0	.6	.4
Iowa	3	2	1	5	3	78.2	.1	*
Kansas	6	*	2	7	2	222.0	.1	*
Minnesota	66	57	58	123	119	3.6	1.9	1.8
Missouri	47	25	4	72	12	489.1	.8	.1
Nebraska	1	1	*	2	1	106.5	*	*
North Dakota	6	3	1	9	2	268.2	.2	*
South Dakota	2	*	*	2	1	33.1	.2	.1
South Atlantic	1,984	1,747	1,874	3,731	4,337	-14.0	4.2	5.0
Delaware	187	115	132	303	331	-8.5	27.9	32.0
District of Columbia	*	*	*	-1	*	NM	131.5	54.9
Florida	1,328	1,448	1,302	2,775	2,941	-5.6	14.0	14.1
Georgia	5	4	5	9	10	-2.3	.1	.1
Maryland	357	127	157	484	522	-7.3	6.6	7.8
North Carolina	9	12	7	21	19	10.9	.1	.1
South Carolina	5	3	2	9	7	16.9	.1	.1
Virginia	72	18	256	90	475	-81.0	1.0	5.8
West Virginia	20	20	11	40	31	28.9	.4	.3
East South Central	20	26	12	46	323	-85.8	.1	.7
Alabama	8	6	4	15	12	16.7	.1	.1
Kentucky	5	8	3	13	11	17.9	.1	.1
Mississippi	1	*	-2	1	289	-99.7	*	8.3
Tennessee	6	11	7	17	11	60.4	.1	.1
West South Central	173	196	18	369	45	714.0	.6	.1
Arkansas	6	3	2	9	6	66.6	.1	.1
Louisiana	160	172	4	332	10	3351.0	4.0	.1
Oklahoma	1	1	1	1	2	-54.1	*	*
Texas	6	20	10	26	28	-4.5	.1	.1
Mountain	87	124	33	212	121	75.2	.5	.3
Arizona	3	4	4	7	11	-38.9	.1	.1
Colorado	1	*	1	1	1	-19.4	*	*
Idaho	--	--	--	--	--	--	--	--
Montana	1	*	*	1	1	30.8	*	*
Nevada	77	110	16	187	85	119.1	5.4	2.5
New Mexico	3	3	2	6	7	-15.0	.1	.2
Utah	1	2	6	3	7	-54.9	.1	.1
Wyoming	2	5	4	7	9	-17.5	.1	.1
Pacific Contiguous	31	908	12	938	140	570.0	2.3	.4
California	30	907	11	938	138	579.1	4.6	.8
Oregon	--	*	1	*	1	NM	*	*
Washington	*	*	1	*	1	NM	*	*
Pacific Noncontiguous	378	420	472	798	956	-16.5	44.9	51.5
Alaska	*	--	*	*	*	NM	*	*
Hawaii	378	420	472	798	956	-16.5	82.2	85.5
U.S. Total	6,722	6,969	8,088	13,691	18,019	-24.0	2.9	3.9

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: *Negative generation denotes that electric power consumed for plant use exceeds gross generation. *Totals may not equal sum of components because of independent rounding. *Percent difference is calculated before rounding. *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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Petroleum (GT/IC)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	19	12	35	31	81	-61.8	0.2	0.5
Connecticut	*	*	*	1	4	-82.9	*	.1
Maine	*	*	*	*	*	NM	*	*
Massachusetts	17	11	34	28	75	-62.6	.5	1.1
New Hampshire	*	*	*	*	*	NM	*	*
Rhode Island	*	*	*	1	1	-10.5	20.9	2.1
Vermont	*	*	*	1	1	-7.4	.1	.1
Middle Atlantic	25	9	18	34	40	-14.4	.1	.1
New Jersey	9	2	1	12	8	39.4	.2	.2
New York	8	7	12	15	25	-39.5	.1	.1
Pennsylvania	7	*	4	8	7	10.8	*	*
East North Central	3	1	1	4	*	NM	*	*
Illinois	*	*	*	1	*	NM	*	*
Indiana	*	*	*	*	*	NM	*	*
Michigan	*	*	*	1	*	NM	*	*
Ohio	2	1	*	2	*	NM	*	*
Wisconsin	*	*	*	*	*	NM	*	*
West North Central	1	*	1	1	1	79.4	*	*
Iowa	*	*	*	*	*	NM	*	*
Kansas	1	1	1	2	1	96.4	*	*
Minnesota	*	*	*	*	*	NM	*	*
Missouri	*	-1	*	-1	-1	NM	*	*
Nebraska	*	*	*	1	1	-1.2	*	*
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	*	*	*	*	*	NM	*	*
South Atlantic	35	19	15	54	62	-12.9	.1	.1
Delaware	1	1	*	2	2	40.1	.2	.2
District of Columbia	*	*	*	*	*	NM	-31.5	45.1
Florida	12	15	12	27	37	-28.2	.1	.2
Georgia	1	*	*	2	*	NM	*	*
Maryland	13	1	1	14	4	214.3	.2	.1
North Carolina	2	1	*	3	1	334.8	*	*
South Carolina	2	*	*	2	1	232.8	*	*
Virginia	3	1	1	4	17	-75.1	*	.2
West Virginia	--	--	*	--	*	NM	--	*
East South Central	15	1	5	16	14	19.1	*	*
Alabama	*	*	2	*	4	NM	*	*
Kentucky	*	*	*	*	*	NM	*	*
Mississippi	*	-1	--	-1	*	NM	*	*
Tennessee	15	2	4	16	10	65.4	.1	.1
West South Central	1	*	1	1	4	-71.2	*	*
Arkansas	*	*	*	*	*	NM	*	*
Louisiana	*	*	*	*	*	NM	*	*
Oklahoma	*	*	*	*	*	NM	*	*
Texas	1	*	1	*	4	-69.5	*	*
Mountain	*	2	*	3	*	NM	*	*
Arizona	*	*	*	1	*	NM	*	*
Colorado	*	*	*	*	*	NM	*	*
Idaho	--	*	--	*	--	NM	*	--
Montana	--	*	*	*	*	NM	*	*
Nevada	*	2	*	2	*	NM	*	*
New Mexico	*	*	*	*	*	NM	*	*
Utah	*	*	*	*	*	NM	*	*
Wyoming	--	--	*	--	*	NM	--	*
Pacific Contiguous	3	57	5	60	7	739.7	.1	*
California	3	8	4	10	7	50.5	.1	*
Oregon	*	26	*	26	*	NM	.4	*
Washington	*	23	*	23	*	NM	.2	*
Pacific								
Noncontiguous	127	153	128	281	270	3.8	15.8	14.5
Alaska	46	63	48	109	109	.3	13.5	14.8
Hawaii	81	90	80	171	161	6.3	17.6	14.4
U.S. Total	228	257	208	485	480	1.1	.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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Gas Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	19	15	8	34	15	130.9	0.2	0.1
Connecticut	6	1	2	7	5	27.9	.1	.1
Maine	--	--	--	--	--	--	--	--
Massachusetts	13	14	5	27	9	190.4	.5	.1
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	*	*	*	*	*	NM	*	*
Middle Atlantic	1,144	1,059	1,326	2,203	2,287	-3.7	4.1	4.1
New Jersey	112	17	34	129	65	99.8	2.3	1.2
New York	918	971	1,280	1,889	2,202	-14.2	9.9	10.7
Pennsylvania	114	71	12	185	20	809.0	.6	.1
East North Central	189	190	311	379	600	-36.9	.4	.7
Illinois	29	42	71	71	145	-51.1	.3	.7
Indiana	44	62	90	106	198	-46.8	.6	1.2
Michigan	75	50	121	125	196	-36.2	.8	1.3
Ohio	31	25	19	56	44	28.4	.3	.2
Wisconsin	10	11	9	21	17	26.7	.3	.2
West North Central	70	89	136	159	227	-30.1	.4	.6
Iowa	7	17	12	24	18	35.9	.4	.3
Kansas	47	50	53	97	105	-8.3	1.8	2.2
Minnesota	8	10	56	17	77	-77.3	.3	1.2
Missouri	5	4	10	9	17	-44.4	.1	.2
Nebraska	4	8	5	12	11	7.3	.3	.3
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	*	*	*	*	*	NM	*	*
South Atlantic	1,424	1,256	1,520	2,680	2,904	-7.7	3.0	3.3
Delaware	29	13	31	42	62	-32.0	3.9	6.0
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,119	1,009	1,339	2,128	2,526	-15.8	10.8	12.1
Georgia	5	*	1	6	*	NM	*	*
Maryland	31	17	7	47	28	70.8	.6	.4
North Carolina	16	11	19	27	40	-33.4	.2	.3
South Carolina	1	1	*	2	2	41.2	*	*
Virginia	221	204	123	425	244	74.3	4.9	3.0
West Virginia	2	1	1	3	2	29.9	*	*
East South Central	84	102	479	186	694	-73.2	.4	1.6
Alabama	29	26	23	55	53	4.4	.4	.4
Kentucky	1	1	1	2	5	-49.8	*	*
Mississippi	51	73	455	124	634	-80.4	4.4	18.2
Tennessee	2	2	1	4	2	95.2	*	*
West South Central	7,830	8,209	7,592	16,039	16,029	.1	27.4	28.3
Arkansas	25	24	187	49	213	-77.1	.7	3.4
Louisiana	917	1,040	1,258	1,956	2,616	-25.2	23.5	33.8
Oklahoma	946	955	940	1,901	1,946	-2.3	24.9	27.7
Texas	5,943	6,190	5,206	12,133	11,254	7.8	33.6	31.7
Mountain	351	325	463	676	887	-23.9	1.6	2.1
Arizona	49	45	161	93	298	-68.6	.8	2.8
Colorado	27	37	22	64	44	44.0	1.2	.8
Idaho	--	--	--	--	--	--	--	--
Montana	2	*	*	2	1	101.1	*	*
Nevada	70	45	103	115	167	-31.5	3.3	4.9
New Mexico	156	136	128	291	276	5.4	7.1	7.3
Utah	47	61	47	108	99	9.2	1.9	1.7
Wyoming	1	1	1	2	2	24.7	*	*
Pacific Contiguous	4,426	4,306	4,135	8,731	8,284	5.4	21.3	21.0
California	4,037	4,180	3,921	8,218	7,843	4.8	40.3	45.0
Oregon	223	113	214	336	439	-23.5	5.1	6.5
Washington	166	12	*	178	1	12375.9	1.3	*
Pacific Noncontiguous	235	259	195	495	416	19.0	27.8	22.4
Alaska	235	259	195	495	416	19.0	61.2	56.2
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	15,773	15,811	16,165	31,583	32,344	-2.4	6.7	7.0

¹ Data for 1993 are preliminary.

² Data for 1991 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Gas (Steam)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	17	12	5	29	11	176.8	0.2	0.1
Connecticut	6	1	2	7	5	27.9	.1	.1
Maine	--	--	--	--	--	--	--	--
Massachusetts	12	11	2	22	5	334.1	.4	.1
New Hampshire	--	--	--	--	--	NM	--	--
Rhode Island	--	--	--	--	--	NM	--	--
Vermont	*	*	*	*	*	NM	*	*
Middle Atlantic	1,125	1,043	1,297	2,167	2,225	-2.6	4.0	4.0
New Jersey	102	7	25	108	31	249.7	1.9	.6
New York	912	966	1,261	1,878	2,176	-13.7	9.9	10.6
Pennsylvania	111	70	11	181	18	895.0	.6	.1
East North Central	168	184	280	352	543	-35.1	.4	.6
Illinois	28	41	70	69	143	-51.4	.3	.7
Indiana	42	60	88	102	196	-47.9	.6	1.2
Michigan	62	47	94	109	145	-24.9	.7	.9
Ohio	27	25	19	52	44	19.4	.2	.2
Wisconsin	9	11	9	19	15	25.5	.2	.2
West North Central	58	76	124	134	200	-33.1	.4	.6
Iowa	7	16	10	23	15	56.4	.4	.3
Kansas	36	40	45	76	87	-12.4	1.4	1.8
Minnesota	8	10	56	17	76	-77.1	.3	1.2
Missouri	4	4	10	8	14	-42.3	.1	.2
Nebraska	2	7	4	9	8	12.4	.2	.2
North Dakota	--	--	*	--	*	NM	--	*
South Dakota	*	*	*	*	*	NM	*	*
South Atlantic	1,124	949	1,357	2,073	2,571	-19.4	2.3	2.9
Delaware	27	*	25	28	45	-38.7	2.5	4.3
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,057	930	1,315	1,987	2,482	-19.9	10.1	11.9
Georgia	5	*	*	5	*	NM	*	*
Maryland	26	15	5	41	23	77.2	.6	.3
North Carolina	4	2	5	6	11	-39.8	*	.1
South Carolina	1	1	*	2	2	11.2	*	*
Virginia	1	*	7	1	7	-88.1	*	.1
West Virginia	2	1	1	3	2	29.9	*	*
East South Central	31	46	426	77	581	-86.8	.2	1.3
Alabama	28	24	19	52	44	19.0	.4	.3
Kentucky	1	1	1	2	5	-49.9	*	*
Mississippi	2	21	405	22	533	-95.8	.8	15.3
Tennessee	--	--	--	--	--	NM	--	--
West South Central	7,352	7,642	7,049	14,995	14,933	.4	25.6	26.4
Arkansas	25	24	187	49	213	-77.1	.7	3.4
Louisiana	854	969	1,202	1,823	2,523	-27.8	21.9	32.6
Oklahoma	745	716	688	1,461	1,430	2.1	19.1	20.4
Texas	5,729	5,934	4,971	11,662	10,766	8.3	32.3	30.3
Mountain	270	258	392	528	753	-29.9	1.2	1.8
Arizona	1	10	100	10	189	-94.6	.1	1.8
Colorado	22	27	22	49	44	9.6	.9	.8
Idaho	--	--	--	--	--	--	--	--
Montana	1	*	*	2	1	62.2	*	*
Nevada	58	36	103	94	165	-43.0	2.7	4.9
New Mexico	151	135	128	286	272	5.4	6.9	7.1
Utah	36	49	38	85	80	6.0	1.5	1.4
Wyoming	1	1	1	2	2	24.7	*	*
Pacific Contiguous	3,960	4,091	3,733	8,050	7,620	5.7	19.6	19.3
California	3,959	4,091	3,733	8,050	7,619	5.7	39.5	43.7
Oregon	--	--	--	--	--	NM	--	--
Washington	*	*	*	*	1	NM	*	*
Pacific Noncontiguous	48	54	30	102	70	44.3	5.7	3.8
Alaska	48	54	30	102	70	44.3	12.6	9.5
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	14,153	14,355	14,692	28,507	29,508	-3.4	6.1	6.4

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

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

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

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

Census Division and State	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Gas (GT/IC)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	2	3	3	5	4	16.0	*	*
Connecticut	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--
Massachusetts	2	3	3	5	4	16.0	0.1	0.1
New Hampshire	--	--	--	--	--	NM	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	19	17	29	36	62	-41.7	.1	.1
New Jersey	11	10	9	21	34	-38.2	.4	.6
New York	5	5	18	11	26	-57.9	.1	.1
Pennsylvania	3	1	1	4	2	95.0	*	*
East North Central	21	7	31	27	58	-53.0	*	.1
Illinois	1	1	1	2	3	-36.7	*	*
Indiana	1	2	2	4	3	33.2	*	*
Michigan	13	3	27	16	51	-68.5	.1	.3
Ohio	4	*	*	4	*	NM	*	*
Wisconsin	1	1	*	2	1	43.3	*	*
West North Central	13	13	13	25	28	-8.2	.1	.1
Iowa	*	1	3	1	3	-71.1	*	.1
Kansas	10	10	8	20	18	10.8	.4	.4
Minnesota	*	*	*	*	*	NM	*	*
Missouri	1	*	1	1	3	-54.2	*	*
Nebraska	1	2	1	3	3	-6.2	.1	.1
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	*	*	*	*	*	NM	*	*
South Atlantic	300	307	163	607	333	82.4	.7	.4
Delaware	2	13	6	15	17	-14.4	1.4	1.7
District of Columbia	--	--	--	--	--	--	--	--
Florida	62	79	25	140	44	217.7	.7	.2
Georgia	*	1	*	1	*	NM	*	*
Maryland	4	2	2	6	5	38.6	.1	.1
North Carolina	12	9	14	20	30	-31.1	.1	.2
South Carolina	*	*	*	*	*	NM	*	*
Virginia	220	204	117	424	237	78.8	4.9	2.9
West Virginia	--	--	--	--	--	--	--	--
East South Central	53	56	54	109	113	-2.8	.2	.3
Alabama	1	2	4	3	9	-65.9	*	.1
Kentucky	--	*	*	*	*	NM	*	*
Mississippi	50	52	49	102	101	.7	3.6	2.9
Tennessee	2	2	1	4	2	95.2	*	*
West South Central	478	566	543	1,045	1,096	-4.7	1.8	1.9
Arkansas	--	--	--	--	--	NM	--	--
Louisiana	63	70	57	134	92	45.0	1.6	1.2
Oklahoma	201	239	252	440	516	-14.7	5.8	7.3
Texas	214	257	235	471	488	-3.4	1.3	1.4
Mountain	81	66	71	147	134	10.0	.3	.3
Arizona	48	35	61	83	109	-23.5	.7	1.0
Colorado	5	10	*	15	*	NM	.3	*
Idaho	--	--	--	--	--	--	--	--
Montana	*	*	*	*	*	NM	*	*
Nevada	12	8	*	20	2	1004.9	.6	.1
New Mexico	4	1	*	5	5	5.2	.1	.1
Utah	11	12	9	23	19	23.1	.4	.3
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	466	215	402	681	664	2.6	1.7	1.7
California	78	90	187	168	224	-25.1	.8	1.3
Oregon	223	113	214	336	439	-23.5	5.1	6.5
Washington	166	12	*	178	1	24062.4	1.3	*
Pacific Noncontiguous	187	206	165	393	345	13.8	22.1	18.6
Alaska	187	206	165	393	345	13.8	48.6	46.7
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	1,620	1,456	1,473	3,076	2,836	8.5	.7	.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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Hydroelectric Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	236	386	302	622	768	-19.1	4.1	4.9
Connecticut	24	58	22	82	56	47.1	1.5	1.5
Maine	108	121	157	229	347	-34.2	16.1	23.6
Massachusetts	-4	27	10	24	63	-62.6	.4	.9
New Hampshire	53	90	57	142	151	-6.1	6.2	5.2
Rhode Island	--	--	--	--	--	--	--	--
Vermont	55	91	56	146	151	-3.6	16.2	17.5
Middle Atlantic	2,125	2,680	1,922	4,806	3,986	20.6	8.8	7.1
New Jersey	-6	-8	-7	-14	-15	NM	-.2	-.3
New York	2,087	2,496	1,883	4,583	3,888	17.9	24.1	18.9
Pennsylvania	44	192	46	236	113	108.1	.8	.4
East North Central	253	292	264	545	604	-9.8	.6	.7
Illinois	4	3	4	7	8	-17.2	.	.
Indiana	44	44	45	88	94	-6.5	.5	.6
Michigan	48	76	42	124	123	.5	.8	.8
Ohio	23	12	20	35	44	-21.1	.2	.2
Wisconsin	133	157	153	290	333	-12.8	3.6	4.1
West North Central	741	1,038	690	1,779	1,459	21.9	4.8	4.1
Iowa	76	88	84	164	167	-1.8	3.0	3.0
Kansas	--	--	--	--	--	--	--	--
Minnesota	39	48	52	88	117	-25.1	1.3	1.8
Missouri	225	376	99	601	179	235.4	6.4	2.0
Nebraska	73	69	74	142	145	-1.7	3.2	3.8
North Dakota	102	157	162	259	357	-27.3	5.1	7.0
South Dakota	225	299	218	524	494	6.1	58.6	55.7
South Atlantic	1,901	2,659	1,065	4,561	2,422	88.3	5.1	2.8
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	21	21	21	42	43	-2.1	.2	.2
Georgia	617	777	369	1,394	725	92.4	9.7	5.5
Maryland	80	249	98	329	219	50.3	4.5	3.3
North Carolina	635	910	341	1,545	913	69.1	10.5	6.6
South Carolina	452	538	171	990	363	172.4	8.1	3.1
Virginia	64	115	20	179	69	158.7	2.0	.8
West Virginia	33	49	45	82	89	-7.7	.7	.8
East South Central	2,070	3,281	1,720	5,350	4,441	20.5	12.1	10.3
Alabama	1,022	1,726	826	2,748	2,047	34.3	20.1	14.5
Kentucky	295	343	298	638	689	-7.5	4.6	5.6
Mississippi	--	--	--	--	--	--	--	--
Tennessee	753	1,212	596	1,965	1,705	15.2	14.4	13.0
West South Central	1,006	1,049	787	2,055	1,704	20.6	3.5	3.0
Arkansas	450	422	246	872	600	45.3	13.3	9.5
Louisiana	--	--	--	--	--	--	--	--
Oklahoma	404	471	179	874	424	106.0	11.4	6.0
Texas	152	156	362	309	680	-54.6	.9	1.9
Mountain	1,612	2,092	1,764	3,704	3,799	-2.5	8.6	9.2
Arizona	420	546	525	966	1,056	-8.5	7.9	10.0
Colorado	113	103	97	216	234	-7.5	4.0	4.2
Idaho	416	517	429	933	950	-1.8	100.0	100.0
Montana	575	788	546	1,363	1,236	10.3	30.5	28.3
Nevada	10	64	82	75	128	-41.5	2.2	3.8
New Mexico	22	11	12	32	22	47.5	.8	.6
Utah	32	35	44	67	109	-38.7	1.2	1.9
Wyoming	24	27	30	52	65	-20.9	.8	.9
Pacific Contiguous	9,732	10,915	9,381	20,648	20,127	2.6	50.4	51.1
California	2,327	1,788	1,230	4,116	2,330	76.6	20.2	13.4
Oregon	2,534	2,998	2,580	5,532	5,669	-2.4	84.0	83.4
Washington	4,871	6,129	5,571	11,000	12,128	-9.3	78.6	80.0
Pacific Noncontiguous	68	81	72	149	158	-5.7	6.4	8.5
Alaska	67	79	72	147	157	-6.3	18.1	21.2
Hawaii	1	1	.	2	1	105.8	.2	.1
U.S. Total	19,743	24,474	17,966	44,218	39,468	12.0	9.4	8.5

¹ Data for 1993 are preliminary.

² Data for 1991 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 February 1993 was 1,649 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Nuclear Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	4,124	4,068	2,628	8,192	5,391	51.9	54.0	34.3
Connecticut	2,065	1,966	897	4,031	1,431	181.7	75.8	38.1
Maine	504	598	149	1,101	683	61.2	77.8	46.3
Massachusetts	436	493	464	929	945	-1.7	17.7	14.2
New Hampshire	775	627	799	1,401	1,649	-15.0	61.0	56.1
Rhode Island	--	--	--	--	--	--	--	--
Vermont	345	385	320	730	683	6.9	81.1	79.1
Middle Atlantic	9,447	10,350	10,413	19,797	21,063	-6.0	36.4	37.7
New Jersey	2,099	2,095	1,939	4,195	3,819	9.8	73.7	73.7
New York	2,350	2,868	2,487	5,218	5,202	.3	27.4	25.2
Pennsylvania	4,997	5,387	5,987	10,384	12,042	-13.8	35.0	40.1
East North Central	10,039	11,751	10,050	21,790	21,762	.1	25.6	25.7
Illinois	6,073	6,795	5,635	12,868	11,925	7.9	58.3	56.6
Indiana	--	--	--	--	--	--	--	--
Michigan	2,531	3,004	1,927	5,535	4,830	14.6	35.8	31.1
Ohio	432	858	1,434	1,289	2,828	-54.4	5.8	12.1
Wisconsin	1,003	1,095	1,054	2,098	2,179	-3.7	26.2	27.0
West North Central	3,404	3,639	2,874	7,043	6,373	10.5	18.8	17.8
Iowa	351	291	245	642	579	10.9	11.6	10.5
Kansas	771	854	506	1,625	909	78.8	29.7	18.6
Minnesota	702	706	901	1,407	2,013	-30.1	21.4	30.4
Missouri	784	870	811	1,655	1,581	4.7	17.7	17.8
Nebraska	796	919	411	1,715	1,291	32.8	38.6	33.7
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	12,629	14,589	13,176	27,218	27,614	-1.4	30.3	31.7
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	2,041	2,366	2,530	4,407	5,302	-16.9	22.3	25.4
Georgia	2,533	2,807	2,563	5,340	5,218	2.3	37.0	39.5
Maryland	977	1,285	1,194	2,262	2,419	-6.5	30.9	36.1
North Carolina	2,027	2,337	1,811	4,364	3,783	15.4	29.6	27.4
South Carolina	3,494	3,992	3,836	7,486	7,861	-4.8	61.6	66.4
Virginia	1,557	1,802	1,442	3,360	3,033	10.8	38.4	37.3
West Virginia	--	--	--	--	--	--	--	--
East South Central	2,965	3,767	3,769	6,732	7,995	-15.8	15.3	18.5
Alabama	881	1,662	1,702	2,544	3,673	-30.7	18.6	26.0
Kentucky	--	--	--	--	--	--	--	--
Mississippi	809	888	802	1,698	1,378	23.2	60.6	39.6
Tennessee	1,274	1,216	1,265	2,491	2,944	-15.4	18.2	22.5
West South Central	3,365	4,570	4,659	7,934	9,328	-14.9	13.5	16.5
Arkansas	1,165	1,296	1,175	2,460	2,463	-.1	37.5	39.1
Louisiana	1,322	1,484	1,093	2,806	2,112	32.9	33.7	27.3
Oklahoma	--	--	--	--	--	--	--	--
Texas	878	1,790	2,391	2,668	4,753	-43.9	7.4	13.4
Mountain	2,285	2,707	2,146	4,992	3,952	26.3	11.5	9.5
Arizona	2,285	2,707	2,146	4,992	3,952	26.3	40.8	37.4
Colorado	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	3,061	3,635	3,088	6,696	7,174	-6.7	16.3	18.2
California	2,727	3,106	2,510	5,833	5,794	.7	28.6	33.3
Oregon	-5	-6	-17	-11	-24	NM	-2	-4
Washington	339	535	595	874	1,404	-37.8	6.2	9.3
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	51,319	59,076	52,804	110,395	110,652	-.2	23.5	24.0

¹ Data for 1993 are preliminary.

² Data for 1991 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date				
				Other Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	33	48	46	80	103	-21.6	0.5	0.7
Connecticut	21	36	37	57	74	-23.5	1.1	2.0
Maine	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	12	11	9	24	28	-16.7	2.6	3.3
Middle Atlantic	--	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--	--
East North Central	27	43	33	70	70	.7	.1	.1
Illinois	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	--	--
Ohio	14	27	23	42	48	-13.7	.2	2
Wisconsin	13	16	10	29	22	32.8	.4	.3
West North Central	32	30	32	62	67	-7.4	.2	.2
Iowa	1	3	1	4	2	95.9	.1	*
Kansas	*	*	*	*	*	NM	*	*
Minnesota	30	28	31	58	65	-10.7	.9	1.0
Missouri	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	--	--	*	--	*	--	--	*
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--
Georgia	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--
West South Central	25	27	24	52	52	.4	.1	.1
Arkansas	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--
Texas	25	27	24	52	52	.4	.1	.1
Mountain	6	9	22	15	45	-65.9	*	.1
Arizona	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Montana	6	7	6	13	11	17.7	.3	.3
Nevada	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--
Utah	*	2	16	2	34	-94.3	*	.6
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	678	695	642	1,373	1,375	-.2	3.3	3.5
California	633	649	610	1,282	1,303	-1.6	6.3	7.5
Oregon	3	3	--	6	--	--	.1	--
Washington	42	43	32	85	72	18.3	.6	.5
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	800	853	798	1,653	1,711	-3.4	.4	.4

¹ Data for 1993 are preliminary.

² Data for 1991 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 February 1993

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite ¹	Bituminous ²	Lignite	Total	Light	Heavy	Total		
1983	1,036	570,108	54,067	625,211	16,512	228,984	245,497	261	2,910,767
1984	1,070	606,339	56,990	664,399	15,190	189,289	204,479	252	3,111,342
1985	1,033	631,885	60,923	693,841	14,635	158,779	173,414	231	3,044,083
1986	829	616,134	68,093	685,056	14,326	216,156	230,482	313	2,602,370
1987	972	647,824	69,098	717,894	15,367	184,011	199,378	348	2,844,051
1988	1,063	681,048	76,260	758,372	18,769	229,327	248,096	409	2,635,613
1989	1,049	688,504	77,335	766,888	25,491	241,960	267,451	517	2,787,012
1990	1,031	694,317	78,201	773,549	14,823	181,231	196,054	819	2,787,332
1991	994	691,275	79,999	772,268	13,729	171,157	184,886	722	2,789,014
1992 ³									
January	80	60,881	7,304	68,264	1,103	15,811	16,915	71	169,125
February	80	53,687	6,415	60,183	806	12,730	13,536	76	170,293
March	93	56,242	6,368	62,705	843	13,492	14,336	83	217,656
April	73	53,314	5,407	58,794	811	9,929	10,740	66	217,012
May	69	54,664	5,858	60,591	843	7,910	8,752	50	236,316
June	84	57,179	6,859	64,122	1,077	11,372	12,449	66	265,882
July	90	66,318	7,407	73,815	1,428	12,939	14,367	72	333,567
August	84	62,937	7,616	70,637	1,011	10,607	11,619	115	302,544
September	83	58,899	6,985	65,967	849	10,456	11,305	98	273,670
October	85	56,366	6,356	62,806	792	10,454	11,246	103	212,640
November	74	56,186	6,352	62,612	1,004	10,330	11,333	93	189,296
December	93	61,951	7,321	69,365	989	9,749	10,737	105	175,608
1992 Total	986	698,626	80,248	779,860	11,556	135,779	147,335	999	2,765,608
1993 ⁴									
January	79	61,793	7,617	69,490	1,011	10,804	11,815	92	164,400
February	88	57,682	6,431	64,201	934	10,591	11,525	81	161,778
Year to Date									
1993 ⁴	167	119,475	14,049	133,691	1,945	21,395	23,340	173	326,178
1992 ³	159	114,568	13,719	128,447	1,909	28,542	30,451	147	339,418

¹ Includes anthracite silt stored off-site

² Includes subbituminous coal

³ Data for 1992 and prior years are final.

⁴ Data for 1993 are preliminary

Notes: •Totals may not equal sum of components because of independent rounding. •Mcf = thousand cubic feet.

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

W.C. Beckjord is a coal-fired plant operated by Cincinnati Gas and Electric Company.

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

NERC Region and Hawaii	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	15,296	16,368	14,620	31,664	30,940	2.3
ERCOT	5,616	6,283	5,085	11,899	11,258	5.7
MAAC	3,562	3,709	3,151	7,271	6,838	6.3
MAIN	4,760	5,044	4,342	9,804	9,246	6.0
MAPP (U.S.)	5,708	6,703	5,857	12,411	12,085	2.7
NPCC (U.S.)	1,309	1,440	1,403	2,749	2,906	-5.4
SERC	11,678	11,618	10,524	23,296	22,312	4.4
SPP	6,736	7,964	6,371	14,700	13,906	5.7
WSCC (U.S.)	9,511	10,331	8,804	19,842	18,900	5.0
Contiguous U.S.	64,175	69,461	60,156	133,636	128,392	4.1
ASCC	26	29	26	55	55	1.0
Hawaii	--	--	--	--	--	--
U.S. Total	64,201	69,490	60,183	133,691	128,447	4.1

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •Totals may not equal sum of components because of independent rounding. •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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	199	181	207	381	428	-11.1
ERCOT	11	36	21	47	55	-14.7
MAAC	1,986	815	881	2,801	2,459	13.9
MAIN	190	220	144	409	456	-10.2
MAPP (U.S.)	28	19	14	47	27	71.3
NPCC (U.S.)	5,474	5,197	8,546	10,671	18,202	-41.4
SERC	2,355	2,421	2,551	4,776	5,686	-16.0
SPP	167	110	30	277	513	-46.0
WSCC (U.S.)	219	1,795	96	2,014	482	318.4
Contiguous U.S.	10,628	10,795	12,491	21,423	28,308	-24.3
ASCC	91	115	90	206	200	2.9
Hawaii	806	905	956	1,711	1,943	-12.0
U.S. Total	11,525	11,815	13,536	23,340	30,451	-23.4

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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	2,795	2,737	3,855	5,532	7,348	-24.7
ERCOT	47,109	51,731	40,307	98,839	85,093	16.2
MAAC	2,943	1,485	1,302	4,428	2,576	71.9
MAIN	532	735	1,044	1,266	2,090	-39.4
MAPP (U.S.)	350	531	983	881	1,518	-42.0
NPCC (U.S.)	9,760	10,706	13,583	20,467	23,520	-13.0
SERC	15,250	14,538	17,524	29,788	33,531	-11.2
SPP	32,075	31,435	42,838	63,510	85,201	-25.5
WSCC (U.S.)	48,428	47,722	46,605	96,150	93,785	2.5
Contiguous U.S.	159,242	161,619	188,035	320,861	334,662	-4.1
ASCC	2,535	2,781	2,258	5,317	4,755	11.8
Hawaii	--	--	--	--	--	--
U.S. Total	161,778	164,400	170,293	326,178	339,418	-3.9

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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	537	584	573	1,121	1,197	-6.3
Connecticut	79	91	83	171	174	-1.9
Maine	--	--	--	--	--	--
Massachusetts	332	376	372	708	776	-8.7
New Hampshire	126	117	119	242	247	-2.0
Rhode Island	--	--	--	--	--	--
Vermont	--	--	--	--	--	--
Middle Atlantic	4,492	4,718	4,289	9,209	9,091	1.3
New Jersey	208	270	157	479	442	8.3
New York	772	856	829	1,628	1,709	-4.7
Pennsylvania	3,511	3,591	3,302	7,103	6,941	2.3
East North Central	14,136	15,354	13,664	29,489	28,810	2.4
Illinois	2,357	2,367	2,142	4,724	4,516	4.6
Indiana	4,034	4,412	3,743	8,446	7,956	6.2
Michigan	2,060	2,369	2,286	4,429	4,687	-5.5
Ohio	4,219	4,515	4,044	8,733	8,573	1.9
Wisconsin	1,466	1,691	1,449	3,157	3,078	2.6
West North Central	8,384	9,709	8,474	18,092	17,762	1.9
Iowa	1,357	1,597	1,414	2,954	2,945	.3
Kansas	1,153	1,272	1,155	2,425	2,453	-1.1
Minnesota	1,358	1,556	1,369	2,914	2,768	5.3
Missouri	1,686	1,970	1,653	3,656	3,603	1.5
Nebraska	770	847	732	1,617	1,507	7.3
North Dakota	1,954	2,236	2,006	4,190	4,132	1.4
South Dakota	107	230	144	337	355	-5.2
South Atlantic	10,067	10,195	9,075	20,261	19,530	3.7
Delaware	178	134	105	312	278	12.2
District of Columbia	--	--	--	--	--	--
Florida	2,021	2,188	1,861	4,209	4,038	4.2
Georgia	1,545	1,561	1,330	3,107	2,945	5.5
Maryland	757	835	638	1,592	1,351	17.8
North Carolina	1,767	1,627	1,663	3,394	3,411	-.5
South Carolina	712	743	656	1,454	1,408	3.3
Virginia	892	870	750	1,762	1,639	7.5
West Virginia	2,195	2,238	2,072	4,432	4,459	-.6
East South Central	6,671	6,588	5,904	13,259	12,390	7.0
Alabama	1,820	1,630	1,599	3,450	3,439	.3
Kentucky	2,815	2,893	2,388	5,708	5,053	13.0
Mississippi	187	228	253	415	511	-18.7
Tennessee	1,848	1,837	1,664	3,686	3,388	8.8
West South Central	10,362	11,957	9,375	22,319	20,724	7.7
Arkansas	888	1,065	848	1,954	1,817	7.5
Louisiana	954	1,204	808	2,157	1,959	10.1
Oklahoma	1,373	1,600	1,295	2,973	2,772	7.2
Texas	7,147	8,088	6,425	15,235	14,175	7.5
Mountain	8,799	9,530	8,159	18,330	17,447	5.1
Arizona	1,339	1,620	1,150	2,959	2,647	11.8
Colorado	1,318	1,467	1,273	2,785	2,771	.5
Idaho	--	--	--	--	--	--
Montana	934	1,039	962	1,973	1,959	.7
Nevada	1,012	792	666	1,805	1,412	27.8
New Mexico	1,076	1,168	961	2,244	2,064	8.7
Utah	1,151	1,282	1,110	2,432	2,381	2.2
Wyoming	1,969	2,162	2,036	4,131	4,214	-2.0
Pacific Contiguous	727	827	643	1,554	1,440	7.9
California	--	--	--	--	--	--
Oregon	175	201	192	376	409	-8.2
Washington	552	626	451	1,178	1,031	14.2
Pacific Noncontiguous	26	29	26	55	55	1.0
Alaska	26	29	26	55	55	1.0
Hawaii	--	--	--	--	--	--
U.S. Total	64,201	69,490	60,183	133,691	128,447	4.1

¹ Data for 1993 are preliminary.

² Data for 1991 final.

Notes: •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite.

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

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

Census Division and State	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	2,641	2,714	4,843	5,355	10,046	-46.7
Connecticut	593	546	1,272	1,139	2,818	-59.6
Maine	110	64	420	174	755	-77.0
Massachusetts	1,805	1,960	2,686	3,765	5,531	-31.9
New Hampshire	121	140	424	260	836	-68.9
Rhode Island	10	4	40	14	103	-86.6
Vermont	1	2	1	3	3	-1.5
Middle Atlantic	3,722	2,844	4,092	6,566	9,146	-28.2
New Jersey	200	64	153	264	346	-23.8
New York	2,833	2,483	3,703	5,316	8,156	-34.8
Pennsylvania	689	297	236	986	644	53.3
East North Central	331	336	299	667	764	-12.6
Illinois	170	205	132	374	430	-12.9
Indiana	35	29	18	64	41	55.9
Michigan	77	50	103	127	192	-34.0
Ohio	40	48	41	87	91	-4.0
Wisconsin	10	5	5	15	10	51.5
West North Central	68	42	35	110	74	49.6
Iowa	7	5	4	12	7	79.6
Kansas	15	4	8	20	13	57.0
Minnesota	4	3	4	7	8	-20.2
Missouri	24	20	12	44	33	34.2
Nebraska	3	4	2	7	5	61.5
North Dakota	10	6	3	16	4	267.1
South Dakota	4	2	2	4	4	-6.8
South Atlantic	3,433	2,874	3,053	6,307	7,167	-12.0
Delaware	305	189	185	494	477	3.6
District of Columbia	7	4	7	11	16	-30.4
Florida	2,119	2,303	2,081	4,422	4,740	-6.7
Georgia	15	11	11	26	22	16.0
Maryland	787	266	319	1,053	1,009	4.4
North Carolina	27	28	16	55	43	27.8
South Carolina	18	9	6	27	19	39.7
Virginia	122	32	410	153	789	-80.6
West Virginia	34	33	18	67	52	27.4
East South Central	68	59	36	127	538	-76.4
Alabama	14	12	9	26	26	-2
Kentucky	16	22	9	38	27	40.4
Mississippi	2	3	1	5	447	-99.0
Tennessee	37	21	18	58	38	54.3
West South Central	148	130	36	278	94	195.4
Arkansas	12	7	3	19	12	61.5
Louisiana	122	83	8	205	17	1078.8
Oklahoma	1	1	3	3	5	-40.5
Texas	12	39	23	51	60	-15.2
Mountain	156	228	61	384	221	73.7
Arizona	4	8	7	13	20	-36.5
Colorado	2	1	2	3	3	-9.2
Idaho	--	--	--	--	--	--
Montana	2	1	1	3	2	48.5
Nevada	135	199	28	335	153	118.6
New Mexico	6	6	5	11	14	-20.3
Utah	3	3	10	6	13	-51.2
Wyoming	4	9	8	13	16	-14.7
Pacific Contiguous	61	1,567	35	1,629	259	529.5
California	61	1,481	33	1,541	254	506.6
Oregon	--	43	1	43	1	2857.1
Washington	1	44	1	44	3	1302.6
Pacific Noncontiguous	897	1,020	1,046	1,917	2,143	-10.6
Alaska	91	115	90	206	200	2.9
Hawaii	806	905	956	1,711	1,943	-12.0
U.S. Total	11,525	11,815	13,536	23,340	30,451	-23.4

¹ Data for 1993 are preliminary.

² Data for 1991 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 February 1993 petroleum coke consumption was 80,830 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
New England	2,603	2,672	4,773	5,275	9,680	-46.6
Connecticut	592	545	1,271	1,137	2,808	-59.5
Maine	109	63	420	172	753	-77.2
Massachusetts	1,772	1,922	2,619	3,694	5,381	-31.3
New Hampshire	121	138	424	259	836	-69.0
Rhode Island	9	3	39	12	101	-88.4
Vermont	.	.	.	1	1	-1.2
Middle Atlantic	3,657	2,814	4,038	6,471	9,026	-28.3
New Jersey	174	57	148	231	321	-28.2
New York	2,811	2,464	3,669	5,275	8,088	-34.8
Pennsylvania	672	293	222	965	617	56.2
East North Central	319	325	290	644	746	-13.7
Illinois	168	203	131	371	427	-13.1
Indiana	33	29	17	62	40	54.2
Michigan	75	47	99	122	186	-34.3
Ohio	35	44	38	79	85	-7.9
Wisconsin	8	3	5	11	8	32.3
West North Central	56	32	26	88	56	57.3
Iowa	5	4	3	9	5	81.1
Kansas	13	1	6	14	8	63.5
Minnesota	2	2	3	4	5	-31.1
Missouri	20	18	11	38	28	34.2
Nebraska	1	2	.	4	2	99.8
North Dakota	10	6	2	16	4	275.2
South Dakota	3	.	1	3	2	38.3
South Atlantic	3,338	2,823	3,012	6,161	7,012	-12.1
Delaware	302	186	182	488	470	3.8
District of Columbia	5	4	6	9	15	-38.4
Florida	2,092	2,273	2,057	4,365	4,657	-6.3
Georgia	10	9	10	20	18	8.2
Maryland	755	262	315	1,017	996	2.1
North Carolina	16	20	13	36	32	12.6
South Carolina	9	6	4	15	13	15.6
Virginia	115	30	407	144	759	-81.0
West Virginia	34	33	18	67	52	27.7
East South Central	40	55	28	95	512	-81.5
Alabama	14	11	7	25	21	17.5
Kentucky	15	22	8	37	27	38.3
Mississippi	2	3	1	5	447	-99.0
Tennessee	10	18	11	28	18	59.1
West South Central	146	128	33	273	86	219.2
Arkansas	12	6	3	18	12	57.4
Louisiana	122	83	8	205	17	1085.6
Oklahoma	1	1	2	2	4	-45.7
Texas	11	37	19	48	52	-8.4
Mountain	155	219	59	374	218	71.5
Arizona	4	7	7	11	19	-43.8
Colorado	2	1	1	2	2	.5
Idaho	--	--	--	--	--	--
Montana	2	1	1	3	2	53.0
Nevada	135	193	28	328	153	114.9
New Mexico	6	6	5	11	14	-19.5
Utah	2	3	10	6	12	-55.7
Wyoming	4	9	8	13	16	-14.7
Pacific Contiguous	55	1,463	24	1,518	240	533.4
California	54	1,462	22	1,516	236	543.3
Oregon	---	1	1	1	1	-23.0
Washington	.	.	1	1	3	-74.5
Pacific Noncontiguous	656	735	810	1,390	1,649	-15.7
Alaska	1	---	1	1	1	-32.8
Hawaii	655	735	809	1,390	1,649	-15.7
U.S. Total	11,023	11,265	13,093	22,288	29,425	-24.3

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

Notes: •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The February 1993 petroleum coke consumption was 80,830 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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	38	42	70	80	166	-51.6
Connecticut	1	1	1	2	10	-77.8
Maine	1	1	*	2	2	9.6
Massachusetts	34	37	67	71	150	-52.5
New Hampshire	*	1	1	1	1	74.8
Rhode Island	1	1	1	2	2	-3.2
Vermont	1	1	1	2	2	-1.6
Middle Atlantic	65	30	54	95	120	-20.4
New Jersey	26	7	5	33	25	32.5
New York	22	18	35	40	69	-41.2
Pennsylvania	17	5	14	22	26	-16.7
East North Central	12	11	9	23	18	32.2
Illinois	1	2	1	3	3	12.4
Indiana	1	1	*	2	1	129.3
Michigan	2	3	4	5	6	-23.8
Ohio	5	4	2	8	5	57.7
Wisconsin	3	2	1	5	2	124.1
West North Central	12	10	9	22	18	25.6
Iowa	1	1	1	3	2	74.9
Kansas	3	3	2	6	4	44.1
Minnesota	2	1	1	3	3	1.5
Missouri	4	2	2	6	5	34.8
Nebraska	2	2	1	4	3	36.9
North Dakota	*	*	*	*	*	-
South Dakota	*	*	1	1	2	-66.6
South Atlantic	96	51	42	147	155	-5.4
Delaware	3	3	2	6	7	-13.8
District of Columbia	2	--	1	2	1	67.7
Florida	27	30	24	58	83	-30.6
Georgia	4	2	1	6	4	49.3
Maryland	32	4	4	36	12	189.5
North Carolina	11	7	4	19	11	73.1
South Carolina	9	3	2	12	6	91.5
Virginia	7	2	3	9	31	-70.9
West Virginia	--	--	*	--	*	-
East South Central	28	4	8	32	25	27.3
Alabama	*	1	1	1	5	-73.0
Kentucky	1	*	*	1	1	150.2
Mississippi	*	--	--	*	*	-
Tennessee	27	3	6	30	20	49.9
West South Central	2	2	4	4	8	-46.6
Arkansas	1	*	*	1	*	-
Louisiana	*	*	*	*	*	-
Oklahoma	*	*	*	*	*	-
Texas	2	2	3	3	8	-60.4
Mountain	1	9	1	10	3	236.3
Arizona	*	2	*	2	1	153.6
Colorado	*	*	1	1	1	-35.2
Idaho	--	*	*	*	*	-
Montana	--	*	*	*	*	-
Nevada	*	7	*	7	*	-
New Mexico	*	*	*	*	*	-
Utah	*	*	*	1	*	-
Wyoming	--	--	--	--	--	-
Pacific Contiguous	7	104	11	111	19	480.7
California	7	19	11	25	18	37.0
Oregon	*	42	*	42	*	-
Washington	*	44	*	44	*	-
Pacific Noncontiguous	241	285	236	526	494	6.5
Alaska	90	115	89	205	199	3.0
Hawaii	151	170	147	321	295	8.9
U.S. Total	502	550	444	1,052	1,026	2.5

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: •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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	191	164	83	355	178	99.9
Connecticut	62	25	28	86	62	39.5
Maine	--	--	--	--	--	--
Massachusetts	128	138	54	266	113	136.5
New Hampshire	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--
Vermont	1	1	1	2	3	-22.4
Middle Atlantic	12,108	11,638	14,113	23,746	24,516	-3.1
New Jersey	1,383	338	487	1,721	953	80.5
New York	9,569	10,543	13,500	20,112	23,343	-13.8
Pennsylvania	1,156	757	126	1,913	220	769.5
East North Central	3,313	3,443	4,838	6,756	9,297	-27.3
Illinois	396	509	860	905	1,728	-47.6
Indiana	450	658	1,030	1,108	2,150	-48.4
Michigan	1,904	1,781	2,574	3,685	4,619	-20.2
Ohio	432	352	259	784	572	37.2
Wisconsin	130	143	116	273	229	19.3
West North Central	1,046	1,270	1,801	2,316	3,175	-27.0
Iowa	106	236	182	342	278	23.0
Kansas	670	694	694	1,364	1,429	-4.6
Minnesota	144	176	703	320	1,041	-69.2
Missouri	75	59	143	135	250	-46.1
Nebraska	48	104	76	152	173	-12.2
North Dakota	--	--	1	--	1	--
South Dakota	2	--	--	3	2	19.9
South Atlantic	14,134	13,082	16,115	27,217	30,629	-11.1
Delaware	55	164	467	220	923	-76.2
District of Columbia	--	--	--	--	--	--
Florida	11,459	10,621	14,042	22,080	26,407	-16.4
Georgia	49	12	10	61	13	368.6
Maryland	349	229	244	579	514	12.5
North Carolina	205	167	233	372	503	-26.0
South Carolina	20	17	3	37	18	101.5
Virginia	1,978	1,862	1,111	3,840	2,229	72.3
West Virginia	19	10	5	29	22	33.4
East South Central	1,588	1,872	5,661	3,460	8,784	-60.6
Alabama	306	249	204	555	471	17.9
Kentucky	12	12	14	24	49	-50.3
Mississippi	1,249	1,591	5,439	2,840	8,243	-65.5
Tennessee	21	20	5	41	22	90.4
West South Central	78,586	83,275	79,268	161,861	165,647	-2.3
Arkansas	263	322	2,080	585	2,391	-75.5
Louisiana	9,246	10,820	13,176	20,066	27,359	-26.7
Oklahoma	9,249	9,447	9,258	18,696	19,128	-2.3
Texas	59,828	62,686	54,754	122,514	116,769	4.9
Mountain	4,188	3,786	5,010	7,974	9,770	-18.4
Arizona	588	530	1,719	1,119	3,170	-64.7
Colorado	394	531	309	925	637	45.2
Idaho	--	--	--	--	--	--
Montana	16	4	4	20	10	95.4
Nevada	926	547	1,093	1,473	1,837	-19.8
New Mexico	1,699	1,463	1,306	3,162	2,903	8.9
Utah	557	700	573	1,257	1,198	4.9
Wyoming	8	10	5	19	14	30.1
Pacific Contiguous	44,088	43,089	41,146	87,177	82,667	5.5
California	40,118	41,829	39,134	81,947	78,521	4.4
Oregon	2,074	1,113	2,005	3,187	4,128	-22.8
Washington	1,896	147	7	2,042	17	11785.5
Pacific Noncontiguous	2,535	2,781	2,258	5,317	4,755	11.8
Alaska	2,535	2,781	2,258	5,317	4,755	11.8
Hawaii	--	--	--	--	--	--
U.S. Total	161,778	164,400	170,293	326,178	339,418	-3.9

¹ Data for 1993 are preliminary

² Data for 1991 final

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

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

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

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

Census Division and State	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	174	128	49	301	124	142.2
Connecticut	62	25	28	86	62	39.5
Maine	--	--	--	--	--	--
Massachusetts	110	102	20	212	59	258.0
New Hampshire	--	--	--	--	--	NM
Rhode Island	--	--	--	--	--	NM
Vermont	1	1	1	2	3	-22.4
Middle Atlantic	11,803	11,392	13,688	23,195	23,654	-1.9
New Jersey	1,207	191	354	1,397	507	175.8
New York	9,487	10,457	13,223	19,944	22,957	-13.1
Pennsylvania	1,109	745	110	1,853	191	871.9
East North Central	3,049	3,307	4,478	6,357	8,616	-26.2
Illinois	386	494	844	880	1,692	-48.0
Indiana	435	618	998	1,052	2,113	-50.2
Michigan	1,760	1,747	2,277	3,506	4,048	-13.4
Ohio	352	324	255	676	560	20.7
Wisconsin	117	125	105	242	203	19.2
West North Central	848	1,078	1,612	1,926	2,757	-30.1
Iowa	97	213	139	311	227	37.1
Kansas	531	566	588	1,097	1,186	-7.5
Minnesota	136	169	701	305	1,031	-70.4
Missouri	51	47	125	97	179	-45.8
Nebraska	31	83	59	115	132	-13.2
North Dakota	--	--	1	--	1	NM
South Dakota	2	--	--	2	2	19.4
South Atlantic	11,020	9,822	14,339	20,843	27,023	-22.9
Delaware	32	12	389	44	721	-93.8
District of Columbia	--	--	--	--	--	--
Florida	10,609	9,601	13,647	20,210	25,732	-21.5
Georgia	48	4	7	52	8	531.8
Maryland	291	188	220	479	453	5.6
North Carolina	--	--	--	--	--	NM
South Carolina	15	6	3	21	18	12.3
Virginia	7	--	68	8	69	-88.6
West Virginia	19	10	5	29	22	33.4
East South Central	331	529	4,402	860	6,173	-86.1
Alabama	293	230	179	523	412	26.8
Kentucky	12	12	14	24	48	-50.3
Mississippi	26	287	4,210	313	5,713	-94.5
Tennessee	--	--	--	--	--	NM
West South Central	73,046	76,888	73,176	149,934	153,285	-2.2
Arkansas	263	322	2,080	585	2,391	-75.5
Louisiana	8,489	9,979	12,493	18,468	26,211	-29.5
Oklahoma	7,124	6,959	6,526	14,083	13,532	4.1
Texas	57,170	59,628	52,077	116,798	111,151	5.1
Mountain	3,127	2,892	4,201	6,018	8,127	-26.0
Arizona	34	128	1,063	163	1,984	-91.8
Colorado	308	380	306	688	632	8.9
Idaho	--	--	--	--	--	--
Montana	10	3	4	13	9	40.9
Nevada	721	397	1,088	1,118	1,746	-36.0
New Mexico	1,647	1,455	1,303	3,102	2,846	9.0
Utah	397	518	430	915	896	2.2
Wyoming	8	10	5	19	14	30.1
Pacific Contiguous	39,289	40,833	37,172	80,122	76,084	5.3
California	39,287	40,831	37,168	80,118	76,076	5.3
Oregon	--	--	--	--	--	NM
Washington	2	2	4	4	8	-53.8
Pacific Noncontiguous	--	--	--	--	--	NM
Alaska	--	--	--	--	--	NM
Hawaii	--	--	--	--	--	--
U.S. Total	142,686	146,869	153,117	289,555	305,845	-5.3

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: *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	February 1993 ¹	January 1993 ¹	February 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	18	36	34	54	53	1.1
Connecticut	--	--	--	--	--	--
Maine	--	--	--	--	--	--
Massachusetts	18	36	34	54	53	1.1
New Hampshire	--	--	--	--	--	NM
Rhode Island	--	--	--	--	--	--
Vermont	--	--	--	--	--	--
Middle Atlantic	305	246	425	551	861	-36.0
New Jersey	176	148	133	324	447	-27.5
New York	82	86	276	168	386	-56.5
Pennsylvania	47	12	16	59	29	103.0
East North Central	263	136	360	399	681	-41.4
Illinois	10	15	15	25	36	-29.9
Indiana	16	40	32	56	37	50.8
Michigan	144	34	297	179	571	-68.7
Ohio	80	28	4	108	11	853.6
Wisconsin	13	18	11	31	25	20.9
West North Central	198	192	188	390	417	-6.5
Iowa	9	23	43	31	51	-38.8
Kansas	139	128	107	267	243	9.9
Minnesota	8	7	3	15	10	54.5
Missouri	25	13	18	38	71	-46.9
Nebraska	17	21	17	38	41	-8.9
North Dakota	.	.	.	.	.	NM
South Dakota	1	.	.	1	1	21.2
South Atlantic	3,114	3,260	1,775	6,374	3,605	76.8
Delaware	23	152	78	175	203	-13.4
District of Columbia	--	--	--	--	--	--
Florida	850	1,020	395	1,870	674	177.3
Georgia	1	7	2	8	5	79.4
Maryland	58	41	24	100	61	63.7
North Carolina	205	167	233	372	503	-26.0
South Carolina	5	11	.	16	.	NM
Virginia	1,971	1,861	1,043	3,832	2,160	77.4
West Virginia	--	--	--	--	--	--
East South Central	1,257	1,343	1,259	2,600	2,611	-.4
Alabama	13	19	25	32	58	-45.1
Kentucky	.	.	.	.	.	NM
Mississippi	1,223	1,304	1,229	2,527	2,531	-.1
Tennessee	21	20	5	41	22	90.4
West South Central	5,540	6,387	6,092	11,927	12,362	-3.5
Arkansas	--	--	--	--	--	NM
Louisiana	757	841	684	1,598	1,148	39.1
Oklahoma	2,125	2,488	2,731	4,613	5,596	-17.6
Texas	2,658	3,058	2,677	5,716	5,618	1.7
Mountain	1,062	894	809	1,956	1,642	19.1
Arizona	554	402	656	956	1,185	-19.3
Colorado	85	151	3	237	5	4730.4
Idaho	--	--	--	--	--	--
Montana	6	1	.	6	1	928.0
Nevada	205	151	5	355	92	287.7
New Mexico	53	7	3	60	57	4.7
Utah	160	182	142	342	303	12.8
Wyoming	--	--	--	--	--	--
Pacific Contiguous	4,799	2,256	3,974	7,055	6,583	7.2
California	831	998	1,966	1,829	2,446	-25.2
Oregon	2,074	1,113	2,005	3,187	4,128	-22.8
Washington	1,894	145	3	2,038	9	22645.9
Pacific Noncontiguous	2,535	2,781	2,258	5,317	4,755	11.8
Alaska	2,535	2,781	2,258	5,317	4,755	11.8
Hawaii	--	--	--	--	--	--
U.S. Total	19,091	17,531	17,176	36,622	33,572	9.1

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.

NM = Calculation not meaningful.

Notes: *GT/IC = Gas Turbine/Internal Combustion. *Totals may not equal sum of components because of independent rounding.

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

Fossil-Fuel Stock 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 February 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	18,386	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

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	February 1993 ¹	January 1993 ¹	February 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
ECAR	40,082	41,245	42,632	-2.8	-6.0
ERCOT	5,662	6,229	6,304	-9.1	-10.2
MAAC	14,585	15,238	14,674	-4.3	-.6
MAIN	12,652	13,422	13,722	-5.7	-7.8
MAPP (U.S.)	10,120	10,517	11,321	-3.8	-10.6
NPCC (U.S.)	2,919	3,232	2,343	-9.7	24.5
SERC	29,629	29,150	29,557	1.6	.2
SPP	14,824	15,362	18,093	-3.5	-18.1
WSCC (U.S.)	15,660	15,970	19,490	-1.9	-19.7
Contiguous U.S.	146,133	150,366	158,137	-2.8	-7.6
ASCC	5	5	7	.8	-27.1
Hawaii	--	--	--	--	--
U.S. Total	146,139	150,371	158,145	-2.8	-7.6

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. •Stocks are end-of-month stocks at electric utilities.

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

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

NERC Region and Hawaii	February 1993 ¹	January 1993 ¹	February 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
ECAR	1,675	1,745	1,816	-4.0	-7.8
ERCOT	5,195	5,195	5,406	*	-3.9
MAAC	5,769	6,394	6,378	-9.8	-9.6
MAIN	1,375	1,411	1,226	-2.5	12.2
MAPP (U.S.)	745	1,200	694	-37.9	7.4
NPCC (U.S.)	13,573	16,620	13,725	-18.3	-1.1
SERC	12,581	12,742	12,666	-1.3	-.7
SPP	4,432	4,559	4,379	-2.8	1.2
WSCC (U.S.)	18,708	18,812	22,805	-.6	-18.0
Contiguous U.S.	64,053	68,678	69,095	-6.7	-7.3
ASCC	222	227	224	-2.1	-.9
Hawaii	937	831	1,087	12.8	-13.8
U.S. Total	65,213	69,736	70,406	-6.5	-7.4

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. •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	February 1993 ¹	January 1993 ¹	February 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
New England	1,056	1,196	1,026	-11.7	2.9
Connecticut	146	142	160	2.8	-8.7
Maine	--	--	--	--	--
Massachusetts	563	673	530	-16.4	6.2
New Hampshire	347	380	337	-8.8	3.1
Rhode Island	--	--	--	--	--
Vermont	--	--	--	--	--
Middle Atlantic	16,777	17,362	15,966	-3.4	5.1
New Jersey	767	800	654	-4.1	17.3
New York	1,863	2,036	1,317	-8.5	41.5
Pennsylvania	14,147	14,527	13,995	-2.6	1.1
East North Central	36,446	37,986	39,003	-4.1	-8.6
Illinois	6,753	7,081	6,890	-4.6	-2.0
Indiana	9,608	10,372	10,231	-7.4	-6.1
Michigan	6,687	6,794	7,456	-1.6	-10.3
Ohio	10,191	10,312	10,470	-1.2	-2.7
Wisconsin	3,206	3,426	3,956	-6.4	-19.0
West North Central	17,647	18,428	19,760	-4.2	-10.7
Iowa	3,467	3,763	4,035	-7.9	-14.1
Kansas	2,368	2,577	3,239	-8.1	-26.9
Minnesota	1,872	1,921	2,164	-2.6	-13.5
Missouri	5,901	6,157	6,041	-4.2	-2.3
Nebraska	1,713	1,713	1,960	--	-12.6
North Dakota	2,052	2,015	2,034	1.8	.9
South Dakota	275	282	287	-2.5	-4.4
South Atlantic	28,292	28,815	29,831	-1.8	-5.2
Delaware	347	360	445	-3.6	-22.1
District of Columbia	--	--	--	--	--
Florida	3,808	3,925	4,736	-3.0	-19.6
Georgia	5,441	5,183	6,146	5.0	-11.5
Maryland	2,256	2,460	2,148	-8.3	5.0
North Carolina	4,438	4,674	4,537	-5.1	-2.2
South Carolina	2,419	2,296	2,248	5.4	7.6
Virginia	1,701	1,843	1,464	-7.7	16.2
West Virginia	7,881	8,075	8,107	-2.4	-2.8
East South Central	15,340	14,984	14,976	2.4	2.4
Alabama	5,087	4,759	4,736	6.9	7.4
Kentucky	5,503	5,685	6,097	-3.2	-9.7
Mississippi	930	899	885	3.4	5.1
Tennessee	3,820	3,640	3,258	4.9	17.2
West South Central	14,908	15,616	18,078	-4.5	-17.5
Arkansas	1,229	1,308	2,257	-6.0	-45.5
Louisiana	1,729	1,546	2,105	11.8	-17.9
Oklahoma	2,929	3,092	2,920	-5.3	.3
Texas	9,021	9,670	10,796	-6.7	-16.4
Mountain	14,586	14,894	18,019	-2.1	-19.1
Arizona	3,330	3,256	4,386	2.3	-24.1
Colorado	3,343	3,334	3,294	.3	1.5
Idaho	--	--	--	--	--
Montana	769	722	725	6.4	6.1
Nevada	853	1,295	1,426	-34.1	-40.1
New Mexico	1,457	1,417	1,350	2.9	7.9
Utah	3,068	3,043	3,873	.8	-20.8
Wyoming	1,765	1,827	2,965	-3.4	-40.5
Pacific Contiguous	1,082	1,086	1,479	-3	-26.8
California	--	--	--	--	--
Oregon	571	578	521	-1.2	9.6
Washington	512	508	958	.7	-46.6
Pacific Noncontiguous	5	5	7	.8	-27.1
Alaska	5	5	7	.8	-27.1
Hawaii	--	--	--	--	--
U.S. Total	146,139	150,371	158,145	-2.8	-7.6

¹ Data for 1993 are preliminary.

² Data for 1991 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 32. Electric Utility Stocks of Petroleum by Census Division and State
(Thousand Barrels)

Census Division and State	February 1993 ¹	January 1993 ¹	February 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
New England	4,874	5,636	4,574	-13.5	6.5
Connecticut	2,108	2,255	1,737	-6.5	21.4
Maine	524	622	424	-15.8	23.7
Massachusetts	1,839	2,230	2,182	-17.5	-15.7
New Hampshire	278	394	106	-29.4	161.1
Rhode Island	92	101	97	-8.8	-5.0
Vermont	34	34	29	-1.8	15.3
Middle Atlantic	12,517	15,223	13,238	-17.8	-5.4
New Jersey	1,641	1,840	1,960	-10.8	-16.3
New York	8,699	10,984	9,151	-20.8	-4.9
Pennsylvania	2,177	2,400	2,128	-9.3	2.3
East North Central	2,688	2,754	2,603	-2.4	3.3
Illinois	1,183	1,196	953	-1.1	24.2
Indiana	166	168	182	-1.6	-8.8
Michigan	695	738	800	-5.8	-13.1
Ohio	447	446	413	.3	8.1
Wisconsin	197	205	256	-4.1	-23.0
West North Central	1,700	2,181	1,688	-22.1	.7
Iowa	178	184	218	-3.3	-18.3
Kansas	654	660	679	-1.0	-3.7
Minnesota	161	165	154	-2.5	4.1
Missouri	398	415	399	-4.0	-.1
Nebraska	206	643	130	-68.0	58.4
North Dakota	50	52	48	-4.1	3.5
South Dakota	53	62	60	-14.0	-11.2
South Atlantic	14,107	14,456	14,577	-2.4	-3.2
Delaware	440	565	602	-22.2	-26.9
District of Columbia	116	118	119	-1.2	-2.2
Florida	8,071	8,084	8,842	-.2	-8.7
Georgia	509	493	553	3.4	-7.9
Maryland	1,555	1,634	1,758	-4.8	-11.6
North Carolina	226	229	256	-1.2	-11.8
South Carolina	330	338	364	-2.3	-9.3
Virginia	2,712	2,830	1,915	-4.2	41.7
West Virginia	148	165	168	-10.6	-11.9
East South Central	1,572	1,615	1,612	-2.7	-2.5
Alabama	157	160	193	-2.1	-18.8
Kentucky	108	111	112	-2.7	-3.7
Mississippi	895	899	919	-.4	-2.6
Tennessee	412	445	387	-7.5	6.5
West South Central	7,991	8,110	8,119	-1.5	-1.6
Arkansas	267	273	267	-2.0	.2
Louisiana	1,448	1,568	1,429	-7.6	1.4
Oklahoma	614	616	518	-.3	18.5
Texas	5,661	5,653	5,904	.1	-4.1
Mountain	1,342	1,364	1,539	-1.6	-12.8
Arizona	735	736	766	-.2	-4.1
Colorado	186	185	224	.8	-16.7
Idaho	14	14	15	--	-5.9
Montana	17	17	20	.1	-16.6
Nevada	221	244	345	-9.4	-36.0
New Mexico	104	102	98	1.3	5.6
Utah	27	29	31	-6.9	-14.3
Wyoming	38	37	39	4.6	-1.9
Pacific Contiguous	17,262	17,338	21,144	-4	-18.4
California	16,685	16,746	20,500	-.4	-18.6
Oregon	227	241	283	-6.1	-20.0
Washington	350	351	361	-.2	-3.1
Pacific Noncontiguous	1,160	1,058	1,311	9.6	-11.6
Alaska	222	227	224	-2.1	-.9
Hawaii	937	831	1,087	12.8	-13.8
U.S. Total	65,213	69,736	70,406	-6.5	-7.4

¹ Data for 1993 are preliminary.

² Data for 1991 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 February 1993 petroleum coke stocks were 60,053 short tons. •Stocks are end-of-month stocks at electric utilities.

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

Receipts and Cost 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 January 1993**

Period	Coal ¹		Petroleum				Gas		All Fossil Fuels ²
	Receipts (thousand short tons)	Cost (cents per 10 ⁶ Btu)	Heavy Oil ¹		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	64,551	139.9	12,039	223.2	12,535	229.9	159,873	247.0	155.5
February	61,530	142.4	13,634	210.0	14,105	216.3	160,427	201.7	153.0
March	63,808	143.7	12,779	208.2	13,184	214.0	198,183	196.8	153.9
April	60,632	142.9	10,144	217.8	10,553	225.6	218,648	202.5	155.0
May	63,408	143.2	10,079	237.1	10,496	245.0	228,118	207.3	156.6
June	63,686	142.1	10,888	251.4	11,344	259.9	254,584	213.3	158.4
July	64,423	139.4	12,706	273.7	13,189	280.3	315,590	210.9	159.6
August	70,186	139.7	12,152	274.1	12,638	280.9	287,379	237.2	161.6
September	66,518	142.0	8,881	268.5	9,319	277.6	259,771	246.2	162.9
October	66,936	141.4	10,772	290.5	11,221	297.7	205,040	297.7	167.5
November	63,825	141.7	11,161	273.5	11,636	280.5	182,771	282.3	164.6
December	65,889	138.7	12,837	252.3	13,623	262.3	169,056	276.4	159.9
1992	775,393	141.4	138,071	247.4	143,843	255.0	2,639,440	232.9	159.2
1993 ⁴									
January	65,219	138.5	8,437	248.7	9,026	259.1	159,318	267.3	156.2
Year-to-Date									
1993 ⁴	65,219	138.5	8,437	248.7	9,026	259.1	159,318	267.3	156.2
1992 ⁴	64,551	139.9	12,039	223.2	12,535	229.9	159,873	247.0	155.5

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 1991 and prior years are final. Data for 1992 and 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	January 1993 ¹	December 1992 ¹	January 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	14,584	15,042	15,514	14,584	15,514	-6.0
ERCOT	6,472	6,179	6,547	6,472	6,547	-1.2
MAAC	3,345	3,369	3,011	3,345	3,011	11.1
MAIN	4,087	4,133	4,613	4,087	4,613	-11.4
MAPP (U.S.)	6,269	6,641	6,345	6,269	6,345	-1.2
NPCC (U.S.)	1,340	1,318	1,215	1,340	1,215	10.2
SERC	13,676	13,289	11,880	13,676	11,880	15.1
SPP	6,845	6,950	6,960	6,845	6,960	-1.6
WSCC (U.S.)	8,602	8,968	8,467	8,602	8,467	1.6
Contiguous U.S.	65,219	65,889	64,551	65,219	64,551	1.0
ASCC	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--
U.S. Total	65,219	65,889	64,551	65,219	64,551	1.0

¹ Data for 1992 and 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	January 1993 ¹	December 1992 ¹	January 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	137.5	139.1	139.2	137.5	139.2	-1.2
ERCOT	136.1	153.1	129.1	136.1	129.1	5.4
MAAC	150.0	146.7	163.5	150.0	163.5	-8.2
MAIN	154.2	160.5	158.4	154.2	158.4	-2.7
MAPP (U.S.)	88.4	82.2	88.1	88.4	88.1	.3
NPCC (U.S.)	157.7	155.9	162.8	157.7	162.8	-3.1
SERC	157.2	157.3	163.4	157.2	163.4	-3.8
SPP	140.4	137.6	140.2	140.4	140.2	.1
WSCC (U.S.)	115.2	112.5	111.0	115.2	111.0	3.8
Contiguous U.S.	138.5	138.7	139.9	138.5	139.9	-.9
ASCC	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--
U.S. Total	138.5	138.7	139.9	138.5	139.9	-.9

¹ Data for 1992 and 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	January 1993 ¹	December 1992 ¹	January 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	151	266	158	151	158	-4.3
ERCOT	24	51	66	24	66	-64.0
MAAC	1,746	1,654	1,146	1,746	1,146	52.3
MAIN	205	194	188	205	188	9.0
MAPP (U.S.)	25	27	28	25	28	-11.0
NPCC (U.S.)	3,812	6,398	7,177	3,812	7,177	-46.9
SERC	2,236	3,836	2,412	2,236	2,412	-7.3
SPP	105	165	480	105	480	-78.2
WSCC (U.S.)	213	227	137	213	137	55.5
Contiguous U.S.	8,516	12,818	11,792	8,516	11,792	-27.8
ASCC	--	--	--	--	--	--
Hawaii	510	805	743	510	743	-31.3
U.S. Total	9,026	13,623	12,535	9,026	12,535	-28.0

¹ Data for 1992 and 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	January 1993 ¹	December 1992 ¹	January 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	404.5	395.8	369.1	404.5	369.1	9.6
ERCOT	382.3	396.5	352.0	382.3	352.0	8.6
MAAC	255.0	243.7	216.4	255.0	216.4	17.9
MAIN	321.2	320.5	286.6	321.2	286.6	12.1
MAPP (U.S.)	423.4	428.1	372.9	423.4	372.9	13.5
NPCC (U.S.)	260.5	253.6	227.3	260.5	227.3	14.6
SERC	221.3	248.8	206.6	221.3	206.6	7.1
SPP	237.6	360.8	194.1	237.6	194.1	22.4
WSCC (U.S.)	345.0	382.9	324.3	345.0	324.3	6.4
Contiguous U.S.	255.4	259.0	225.4	255.4	225.4	13.3
ASCC	--	--	--	--	--	--
Hawaii	322.3	315.7	301.9	322.3	301.9	6.7
U.S. Total	259.1	262.3	229.9	259.1	229.9	12.7

¹ Data for 1992 and 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	January 1993 ¹	December 1992 ¹	January 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	2,627	2,722	3,158	2,627	3,158	-16.8
ERCOT	52,189	56,508	44,062	52,189	44,062	18.4
MAAC	1,078	888	777	1,078	777	38.7
MAIN	693	551	1,001	693	1,001	-30.8
MAPP (U.S.)	366	359	317	366	317	15.6
NPCC (U.S.)	10,836	10,867	8,784	10,836	8,784	23.4
SERC	12,655	11,737	14,455	12,655	14,455	-12.5
SPP	30,052	32,271	39,270	30,052	39,270	-23.5
WSCC (U.S.)	47,449	51,633	47,051	47,449	47,051	.8
Contiguous U.S.	157,945	167,537	158,875	157,945	158,875	-.6
ASCC	1,372	1,519	998	1,372	998	37.5
Hawaii	--	--	--	--	--	--
U.S. Total	159,318	169,056	159,873	159,318	159,873	-.3

¹ Data for 1992 and 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	January 1993 ¹	December 1992 ¹	January 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	273.0	276.0	251.8	273.0	251.8	8.4
ERCOT	240.4	261.1	223.4	240.4	223.4	7.6
MAAC	254.8	339.1	291.4	254.8	291.4	-12.6
MAIN	292.8	310.6	261.9	292.8	261.9	11.8
MAPP (U.S.)	320.7	310.3	267.6	320.7	267.6	19.8
NPCC (U.S.)	294.5	312.7	276.0	294.5	276.0	6.7
SERC	231.6	236.1	197.7	231.6	197.7	17.2
SPP	256.6	261.8	230.4	256.6	230.4	11.4
WSCC (U.S.)	311.6	308.1	295.0	311.6	295.0	5.7
Contiguous U.S.	269.0	278.3	248.1	269.0	248.1	8.4
ASCC	64.3	55.9	61.6	64.3	61.6	4.3
Hawaii	--	--	--	--	--	--
U.S. Total	267.3	276.4	247.0	267.3	247.0	8.2

¹ Data for 1992 and 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,
January 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	--	--	532	13,910	--	--	--	--	532	13,910
Connecticut	--	--	70	1,845	--	--	--	--	70	1,845
Maine	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	331	8,591	--	--	--	--	331	8,591
New Hampshire	--	--	130	3,473	--	--	--	--	130	3,473
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	7	117	4,356	109,868	--	--	--	--	4,363	109,985
New Jersey	--	--	291	7,762	--	--	--	--	291	7,762
New York	--	--	808	20,945	--	--	--	--	808	20,945
Pennsylvania	7	117	3,257	81,161	--	--	--	--	3,264	81,279
East North Central	--	--	9,352	219,138	3,009	52,702	--	--	12,361	271,840
Illinois	--	--	1,369	30,539	661	11,934	--	--	2,030	42,473
Indiana	--	--	2,503	55,623	877	15,177	--	--	3,379	70,800
Michigan	--	--	978	24,799	364	6,468	--	--	1,342	31,267
Ohio	--	--	4,302	103,284	--	--	--	--	4,302	103,284
Wisconsin	--	--	201	4,894	1,107	19,123	--	--	1,308	24,017
West North Central	--	--	1,035	23,090	5,232	90,496	2,327	30,376	8,594	143,962
Iowa	--	--	2	40	1,077	18,101	--	--	1,079	18,141
Kansas	--	--	38	858	1,064	18,314	--	--	1,103	19,172
Minnesota	--	--	2	60	1,402	24,772	--	--	1,404	24,833
Missouri	--	--	982	21,896	931	16,350	--	--	1,913	38,245
Nebraska	--	--	11	236	758	12,959	--	--	769	13,195
North Dakota	--	--	--	--	--	--	2,109	27,723	2,109	27,723
South Dakota	--	--	--	--	--	--	218	2,653	218	2,653
South Atlantic	--	--	10,790	268,714	--	--	--	--	10,790	268,714
Delaware	--	--	132	3,432	--	--	--	--	132	3,432
District of Columbia	--	--	--	--	--	--	--	--	--	--
Florida	--	--	2,034	50,069	--	--	--	--	2,034	50,069
Georgia	--	--	1,963	47,163	--	--	--	--	1,963	47,163
Maryland	--	--	836	21,172	--	--	--	--	836	21,172
North Carolina	--	--	1,779	44,339	--	--	--	--	1,779	44,339
South Carolina	--	--	793	20,364	--	--	--	--	793	20,364
Virginia	--	--	789	20,164	--	--	--	--	789	20,164
West Virginia	--	--	2,465	62,011	--	--	--	--	2,465	62,011
East South Central	--	--	8,267	197,411	36	679	--	--	8,303	198,090
Alabama	--	--	2,317	55,547	--	--	--	--	2,317	55,547
Kentucky	--	--	3,293	76,892	--	--	--	--	3,293	76,892
Mississippi	--	--	192	4,830	36	679	--	--	228	5,509
Tennessee	--	--	2,464	60,142	--	--	--	--	2,464	60,142
West South Central	--	--	155	3,313	6,009	103,084	4,921	61,381	11,086	167,778
Arkansas	--	--	--	--	904	15,732	--	--	904	15,732
Louisiana	--	--	--	--	754	12,798	295	4,138	1,049	16,936
Oklahoma	--	--	6	152	1,535	26,481	--	--	1,541	26,632
Texas	--	--	149	3,161	2,816	48,074	4,626	57,243	7,592	108,478
Mountain	--	--	3,414	74,306	5,180	92,202	21	272	8,614	166,779
Arizona	--	--	923	19,184	413	8,130	--	--	1,336	27,315
Colorado	--	--	507	11,027	862	15,672	--	--	1,369	26,699
Idaho	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	1,006	17,144	21	272	1,027	17,415
Nevada	--	--	595	13,123	45	863	--	--	640	13,987
New Mexico	--	--	--	--	1,015	18,254	--	--	1,015	18,254
Utah	--	--	1,194	27,147	--	--	--	--	1,194	27,147
Wyoming	--	--	196	3,825	1,839	32,138	--	--	2,035	35,963
Pacific	--	--	6	127	569	9,543	--	--	575	9,670
California	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	140	2,514	--	--	140	2,514
Washington	--	--	6	127	429	7,028	--	--	435	7,155
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--
U.S. Total	7	117	37,908	909,877	20,035	348,706	7,269	92,028	65,219	1,350,729

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	January 1993 Receipts		January 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	532	13,910	502	13,219	13,910	13,219	168.3	173.4
Connecticut	70	1,845	53	1,391	1,845	1,391	169.2	201.2
Maine	--	--	--	--	--	--	--	--
Massachusetts	331	8,591	346	9,082	8,591	9,082	168.2	169.4
New Hampshire	131	3,473	103	2,746	3,473	2,746	168.3	172.4
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	4,363	109,985	4,195	104,576	109,985	104,576	149.1	155.5
New Jersey	291	7,762	196	5,282	7,762	5,282	176.6	174.2
New York	808	20,945	714	18,538	20,945	18,538	150.7	155.3
Pennsylvania	3,264	81,279	3,285	80,756	81,279	80,756	146.1	154.3
East North Central	12,361	271,840	13,563	298,228	271,840	298,228	141.9	145.5
Illinois	2,030	42,473	2,105	45,004	42,473	45,004	176.4	170.9
Indiana	3,379	70,800	4,265	90,162	70,800	90,162	129.5	130.9
Michigan	1,342	31,267	1,235	28,981	31,267	28,981	153.2	156.6
Ohio	4,302	103,284	4,469	106,478	103,284	106,478	137.8	145.7
Wisconsin	1,308	24,017	1,490	27,603	24,017	27,603	120.0	139.0
West North Central	8,594	143,962	9,021	154,095	143,962	154,095	103.8	107.1
Iowa	1,079	18,141	1,297	22,138	18,141	22,138	91.9	97.3
Kansas	1,103	19,172	1,237	21,883	19,172	21,883	114.1	119.5
Minnesota	1,404	24,833	1,117	19,676	24,833	19,676	115.5	123.9
Missouri	1,913	38,245	2,251	46,097	38,245	46,097	128.4	131.5
Nebraska	769	13,195	822	14,053	13,195	14,053	78.8	75.0
North Dakota	2,110	27,723	2,113	27,988	27,723	27,988	71.4	68.7
South Dakota	218	2,653	185	2,260	2,653	2,260	108.1	117.5
South Atlantic	10,790	268,714	10,177	253,781	268,714	253,781	163.6	168.4
Delaware	132	3,432	123	3,243	3,432	3,243	175.0	181.9
District of Columbia	--	--	--	--	--	--	--	--
Florida	2,034	50,069	2,069	51,304	50,069	51,304	175.2	186.2
Georgia	1,963	47,163	1,795	43,068	47,163	43,068	176.4	183.5
Maryland	836	21,172	493	12,532	21,172	12,562	159.5	167.9
North Carolina	1,779	44,339	1,836	46,046	44,339	46,046	170.1	171.1
South Carolina	793	20,364	819	20,893	20,364	20,893	155.2	151.8
Virginia	789	20,164	660	16,842	20,164	16,842	147.9	147.8
West Virginia	2,465	62,011	2,382	59,822	62,011	59,822	148.3	151.2
East South Central	8,303	198,090	8,846	163,327	198,090	163,327	136.7	137.9
Alabama	2,317	55,547	1,961	47,329	55,547	47,329	175.5	176.0
Kentucky	3,293	76,892	2,819	65,578	76,892	65,578	116.2	116.0
Mississippi	228	5,509	210	4,987	5,509	4,987	165.6	164.6
Tennessee	2,464	60,142	1,857	45,434	60,142	45,434	124.2	127.1
West South Central	11,086	167,778	11,086	170,502	167,778	170,502	143.6	140.4
Arkansas	904	15,732	965	16,910	15,732	16,910	163.5	163.1
Louisiana	1,049	16,936	1,016	17,008	16,936	17,008	159.8	169.2
Oklahoma	1,541	26,632	1,432	25,051	26,632	25,051	120.1	126.2
Texas	7,592	108,478	7,673	111,533	108,478	111,533	144.0	135.7
Mountain	8,614	166,779	8,625	167,503	166,779	167,503	111.0	106.1
Arizona	1,336	27,315	1,413	29,046	27,315	29,046	133.5	129.5
Colorado	1,369	26,699	1,342	26,332	26,699	26,332	112.3	106.6
Idaho	--	--	--	--	--	--	--	--
Montana	1,027	17,415	1,007	17,308	17,415	17,308	58.1	65.2
Nevada	640	13,987	643	14,227	13,987	14,227	133.0	129.4
New Mexico	1,015	18,254	1,036	18,827	18,254	18,827	149.0	130.1
Utah	1,194	27,147	1,007	23,286	27,147	23,286	118.3	113.0
Wyoming	2,035	35,963	2,177	38,477	35,963	38,477	85.4	81.9
Pacific Contiguous	575	9,670	536	8,888	9,670	8,888	130.6	132.5
California	--	--	--	--	--	--	--	--
Oregon	140	2,514	131	2,530	2,514	2,530	113.2	108.9
Washington	435	7,155	405	6,358	7,155	6,358	136.8	141.8
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	65,219	1,350,729	64,551	1,334,119	1,350,729	1,334,119	138.5	139.9

¹ Monetary values are expressed in nominal terms.

Notes: •Data for 1992 and 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, sub-bituminous 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, January 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	522	168.6	44.06	10	156.3	41.56	--	--	--	532	168.3	44.02
Connecticut	70	169.2	44.58	--	--	--	--	--	--	70	169.2	44.58
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	331	168.2	43.60	*	155.9	42.75	--	--	--	331	168.2	43.60
New Hampshire	121	169.2	45.05	10	156.3	41.55	--	--	--	130	168.3	44.79
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	3,290	156.1	39.43	1,073	127.5	31.94	1,304	134.5	33.36	3,059	155.2	39.39
New Jersey	240	177.0	47.32	51	174.7	45.73	69	171.9	44.71	222	178.0	47.76
New York	454	160.7	42.20	354	137.5	35.04	133	139.5	33.32	675	152.7	40.19
Pennsylvania	2,596	153.2	38.21	667	118.2	29.24	1,102	131.4	32.65	2,161	153.5	38.27
East North Central	9,545	151.4	33.05	2,816	110.6	24.93	7,976	141.0	29.71	4,386	143.3	33.90
Illinois	1,867	181.9	37.54	163	122.8	29.76	991	219.8	43.05	1,039	139.9	31.05
Indiana	2,530	135.6	28.23	849	111.7	23.82	2,687	123.0	25.40	692	153.0	33.83
Michigan	1,125	156.4	36.45	218	136.4	31.69	902	149.1	32.87	440	160.4	41.43
Ohio	3,077	150.9	35.93	1,225	105.8	25.94	2,179	138.2	32.65	2,123	137.5	33.54
Wisconsin	947	126.3	23.63	361	102.1	17.83	1,216	116.1	20.75	91	157.2	39.19
West North Central	7,800	106.2	17.84	794	78.8	12.88	8,207	99.3	16.35	387	170.8	39.21
Iowa	882	95.0	15.99	196	77.6	13.01	1,079	91.9	15.45	--	--	--
Kansas	764	128.1	22.33	339	82.3	14.22	1,093	114.1	19.77	10	117.3	26.67
Minnesota	1,377	115.2	20.35	27	129.1	24.64	1,402	115.4	20.40	2	167.3	40.47
Missouri	1,898	128.1	25.59	15	155.9	35.94	1,538	115.6	22.29	375	172.3	39.53
Nebraska	723	78.6	13.45	46	82.8	14.94	769	78.8	13.53	--	--	--
North Dakota	1,938	73.6	9.71	171	45.0	5.65	2,109	71.4	9.38	--	--	--
South Dakota	218	108.1	13.15	--	--	--	218	108.1	13.15	--	--	--
South Atlantic	8,084	173.3	43.22	2,707	134.4	33.31	3,636	165.3	40.79	7,154	162.7	40.70
Delaware	132	175.0	45.66	--	--	--	29	163.6	42.44	103	178.2	46.57
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	1,422	191.4	47.43	612	136.7	33.14	667	181.5	44.28	1,367	172.2	42.57
Georgia	1,481	187.3	45.01	482	143.1	34.35	691	156.2	37.56	1,272	187.4	45.01
Maryland	541	162.7	41.19	294	153.6	38.98	464	165.5	41.41	371	152.2	39.16
North Carolina	1,364	177.9	44.30	415	144.6	36.13	712	172.9	43.01	1,067	168.2	41.98
South Carolina	584	157.7	40.40	209	148.5	38.44	73	149.4	38.37	719	155.8	40.04
Virginia	597	150.0	38.46	192	141.3	35.70	277	145.8	37.16	512	149.0	38.13
West Virginia	1,963	161.9	40.75	502	95.1	23.83	724	160.6	39.65	1,742	143.3	36.33
East South Central	5,830	145.7	34.81	2,473	115.2	27.40	3,179	136.0	32.29	5,124	137.1	32.80
Alabama	1,895	187.8	45.06	422	120.3	28.72	976	173.2	41.55	1,342	177.2	42.46
Kentucky	2,038	119.0	27.53	1,255	111.8	26.50	1,946	117.8	27.86	1,347	114.0	26.10
Mississippi	164	171.6	43.39	64	147.4	31.26	55	151.8	32.11	173	169.4	42.50
Tennessee	1,732	127.8	31.36	732	115.5	27.83	202	125.7	30.31	2,262	124.0	30.31
West South Central	10,387	143.8	21.56	699	141.8	24.33	11,054	143.6	21.71	32	157.9	33.13
Arkansas	770	169.0	29.62	134	130.4	21.75	904	163.5	28.45	--	--	--
Louisiana	1,049	159.8	25.81	--	--	--	1,049	159.8	25.81	--	--	--
Oklahoma	1,475	121.6	21.00	67	87.2	15.39	1,541	120.1	20.75	--	--	--
Texas	7,093	143.3	20.18	499	152.3	26.21	7,560	143.9	20.52	32	157.9	33.13
Mountain	7,825	113.4	21.89	790	88.0	17.58	7,017	107.9	20.06	1,598	122.4	27.82
Arizona	923	144.9	30.11	413	106.6	20.99	1,336	133.5	27.29	--	--	--
Colorado	1,315	113.2	22.16	53	87.0	15.77	1,089	114.1	21.36	280	106.5	24.02
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	1,027	58.1	9.85	--	--	--	1,027	58.1	9.85	--	--	--
Nevada	640	133.0	29.09	--	--	--	515	116.9	25.23	124	195.8	45.10
New Mexico	1,015	149.0	26.79	--	--	--	1,015	149.0	26.79	--	--	--
Utah	1,033	125.6	28.40	161	73.4	17.32	--	--	--	1,194	118.3	26.91
Wyoming	1,872	88.0	15.54	163	54.9	9.78	2,035	85.4	15.08	--	--	--
Pacific	327	140.0	21.77	248	120.3	22.21	575	130.6	21.96	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	140	113.2	20.33	140	113.2	20.33	--	--	--
Washington	327	140.0	21.77	108	128.9	24.65	435	136.8	22.49	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	53,609	143.4	29.14	11,610	118.2	26.65	42,948	131.1	24.66	22,271	149.7	36.48

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

Table 43. Receipts and Average Cost of Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, January 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	--	--	--	109	167.6	44.05	374	169.5	44.12
Connecticut	--	--	--	70	169.2	44.58	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	25	161.7	41.89	307	168.7	43.73
New Hampshire	--	--	--	15	170.3	45.15	67	173.1	45.89
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	5	108.5	19.24	545	176.7	46.14	167	138.3	34.78
New Jersey	--	--	--	205	181.5	48.80	--	--	--
New York	--	--	--	190	188.0	47.93	71	149.9	38.03
Pennsylvania	5	108.5	19.24	149	155.6	40.21	96	129.7	32.40
East North Central	3,006	147.3	26.21	2,167	159.8	38.21	1,038	150.1	35.81
Illinois	718	252.4	47.15	92	155.9	40.21	--	--	--
Indiana	945	124.3	21.96	207	165.4	38.13	377	156.1	33.81
Michigan	364	107.8	19.14	644	167.4	41.92	322	160.6	41.83
Ohio	--	--	--	949	154.1	36.81	339	133.4	32.32
Wisconsin	978	101.6	17.55	275	157.4	33.81	--	--	--
West North Central	4,543	98.7	17.12	2,836	87.6	12.36	395	133.9	23.67
Iowa	1,004	92.3	15.53	--	--	--	72	82.9	13.89
Kansas	1,094	114.0	19.76	--	--	--	--	--	--
Minnesota	800	112.6	20.05	602	119.3	20.86	1	176.9	41.31
Missouri	887	91.3	16.26	79	105.0	18.46	138	199.2	46.40
Nebraska	758	78.1	13.35	11	119.2	26.59	--	--	--
North Dakota	--	--	--	1,926	71.0	9.28	184	75.2	10.40
South Dakota	--	--	--	218	108.1	13.15	--	--	--
South Atlantic	21	157.8	35.80	4,481	168.0	41.96	2,755	167.0	42.21
Delaware	--	--	--	72	183.2	47.69	60	165.2	43.23
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	21	157.8	35.80	736	169.7	42.62	360	199.8	50.98
Georgia	--	--	--	575	177.9	43.36	784	167.6	41.35
Maryland	--	--	--	205	151.0	38.42	230	156.3	39.86
North Carolina	--	--	--	1,322	169.1	41.87	457	172.9	43.90
South Carolina	--	--	--	294	154.6	39.85	465	156.7	40.08
Virginia	--	--	--	582	146.2	37.21	185	149.2	38.39
West Virginia	--	--	--	694	184.2	45.60	214	146.7	37.22
East South Central	36	162.2	30.64	2,348	167.3	41.10	893	124.6	30.80
Alabama	--	--	--	1,086	212.3	51.23	201	136.6	33.25
Kentucky	--	--	--	807	123.4	30.22	216	114.5	27.51
Mississippi	36	162.2	30.64	101	193.5	48.71	--	--	--
Tennessee	--	--	--	354	126.0	32.71	477	124.1	31.26
West South Central	6,159	160.5	27.69	1,744	112.6	14.35	2,598	110.9	14.21
Arkansas	904	163.5	28.45	--	--	--	--	--	--
Louisiana	754	166.7	28.32	295	138.3	19.39	--	--	--
Oklahoma	1,535	120.1	20.72	--	--	--	--	--	--
Texas	2,966	178.8	30.89	1,449	106.8	13.32	2,598	110.9	14.21
Mountain	4,196	113.4	22.51	4,413	108.8	20.54	5	63.4	13.99
Arizona	557	143.1	28.38	779	127.0	26.51	--	--	--
Colorado	1,269	113.1	22.00	100	102.2	20.70	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	21	98.8	13.09	1,006	57.4	9.78	--	--	--
Nevada	606	130.5	28.41	34	174.3	41.20	--	--	--
New Mexico	--	--	--	1,015	149.0	26.79	--	--	--
Utah	878	125.8	28.80	316	97.0	21.63	--	--	--
Wyoming	866	56.7	9.10	1,164	103.9	19.48	5	63.4	13.99
Pacific	243	119.8	22.04	333	139.9	21.90	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	140	113.2	20.33	--	--	--	--	--	--
Washington	103	128.4	24.38	333	139.9	21.90	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U. S. Total	18,208	130.9	23.55	18,975	142.6	29.26	8,224	146.1	30.35

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, January 1993 (Continued)

Census Division and State	More than 1.5% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹			
	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(Cents per 10 ⁶ Btu)	(\$ per short ton)
New England	39	162.4	43.58	10	156.3	41.55	--	--	--	168.3	44.02
Connecticut	--	--	--	--	--	--	--	--	--	169.2	44.58
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	168.2	43.60
New Hampshire	39	162.4	43.58	10	156.3	41.55	--	--	--	168.3	44.79
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	1,356	142.9	36.13	1,806	139.7	35.12	485	173.7	42.36	149.1	37.58
New Jersey	--	--	--	86	164.6	42.86	--	--	--	176.6	47.04
New York	323	143.0	37.23	225	131.1	34.49	--	--	--	150.7	39.06
Pennsylvania	1,033	142.9	35.78	1,495	139.6	34.77	485	173.7	42.36	146.1	36.38
East North Central	708	123.5	29.55	2,644	131.2	29.92	2,798	134.6	31.04	141.9	31.20
Illinois	138	102.3	24.59	733	142.8	30.96	348	150.9	32.31	176.4	36.91
Indiana	279	133.4	29.50	954	117.5	26.01	618	124.1	27.89	129.5	27.12
Michigan	--	--	--	--	--	--	12	160.9	38.60	153.2	35.68
Ohio	292	124.8	31.94	902	132.7	32.42	1,820	134.9	31.81	137.8	33.09
Wisconsin	--	--	--	55	191.5	42.89	--	--	--	120.0	22.03
West North Central	11	168.4	39.30	330	141.4	31.09	480	155.3	34.40	103.8	17.38
Iowa	1	162.1	32.26	1	169.7	34.17	--	--	--	91.9	15.45
Kansas	--	--	--	--	--	--	9	117.7	29.65	114.1	19.84
Minnesota	--	--	--	2	163.8	40.15	--	--	--	115.5	20.43
Missouri	10	168.9	40.03	327	141.1	31.03	472	156.0	34.48	128.4	25.67
Nebraska	--	--	--	--	--	--	--	--	--	78.8	13.53
North Dakota	--	--	--	--	--	--	--	--	--	71.4	9.38
South Dakota	--	--	--	--	--	--	--	--	--	108.1	13.15
South Atlantic	1,141	152.2	37.86	1,692	168.3	40.24	701	130.1	33.11	163.6	40.73
Delaware	--	--	--	--	--	--	--	--	--	175.0	45.66
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	104	147.3	34.58	800	173.0	41.49	14	154.8	36.01	175.2	43.13
Georgia	104	151.6	37.68	499	195.7	43.89	--	--	--	176.4	42.39
Maryland	340	169.0	42.35	60	147.9	38.27	--	--	--	159.5	40.41
North Carolina	--	--	--	--	--	--	--	--	--	170.1	42.39
South Carolina	33	141.6	37.51	--	--	--	--	--	--	155.2	39.89
Virginia	21	180.0	47.88	1	177.3	46.91	--	--	--	147.9	37.79
West Virginia	538	142.0	35.31	332	125.2	32.06	687	129.6	33.05	148.3	37.31
East South Central	1,625	137.3	32.91	2,216	119.9	28.21	1,183	111.4	24.97	136.7	32.60
Alabama	698	158.7	37.83	172	117.7	28.17	161	107.0	24.70	175.5	42.08
Kentucky	183	109.6	26.51	1,064	115.9	26.89	1,023	112.1	25.01	116.2	27.14
Mississippi	--	--	--	91	135.8	34.04	--	--	--	165.6	40.00
Tennessee	744	124.2	29.88	889	123.4	29.20	--	--	--	124.2	30.31
West South Central	579	142.4	14.45	--	--	--	6	113.0	28.04	143.6	21.74
Arkansas	--	--	--	--	--	--	--	--	--	163.5	28.45
Louisiana	--	--	--	--	--	--	--	--	--	159.8	25.81
Oklahoma	--	--	--	--	--	--	6	113.0	28.04	120.1	20.75
Texas	579	142.4	14.45	--	--	--	--	--	--	144.0	20.58
Mountain	--	--	--	--	--	--	--	--	--	111.0	21.50
Arizona	--	--	--	--	--	--	--	--	--	133.5	27.29
Colorado	--	--	--	--	--	--	--	--	--	112.3	21.91
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	58.1	9.85
Nevada	--	--	--	--	--	--	--	--	--	133.0	29.09
New Mexico	--	--	--	--	--	--	--	--	--	149.0	26.79
Utah	--	--	--	--	--	--	--	--	--	118.3	26.91
Wyoming	--	--	--	--	--	--	--	--	--	85.4	15.08
Pacific	--	--	--	--	--	--	--	--	--	130.6	21.96
California	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	113.2	20.33
Washington	--	--	--	--	--	--	--	--	--	136.8	22.49
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	5,460	140.8	32.44	8,698	137.9	32.63	5,654	134.5	31.28	138.5	28.69

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,
January 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	17	98	--	--	--	--	1,985	12,649	2,002	12,748
Connecticut	5	30	--	--	--	--	608	3,876	614	3,907
Maine	1	5	--	--	--	--	--	--	1	5
Massachusetts	7	43	--	--	--	--	1,376	8,773	1,384	8,816
New Hampshire	3	19	--	--	--	--	--	--	3	19
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	104	604	--	--	--	--	2,896	18,355	2,999	18,959
New Jersey	3	17	--	--	--	--	349	2,188	352	2,205
New York	8	46	--	--	--	--	1,802	11,436	1,810	11,481
Pennsylvania	93	541	--	--	--	--	744	4,731	837	5,272
East North Central	145	841	--	--	--	--	151	963	296	1,804
Illinois	48	277	--	--	--	--	128	818	176	1,095
Indiana	21	123	--	--	--	--	--	--	21	123
Michigan	26	154	--	--	--	--	23	145	50	299
Ohio	37	213	--	--	--	--	--	--	37	213
Wisconsin	13	75	--	--	--	--	--	--	13	75
West North Central	45	262	--	--	--	--	7	44	52	306
Iowa	9	50	--	--	--	--	--	--	9	50
Kansas	5	30	--	--	--	--	--	--	5	30
Minnesota	1	7	--	--	--	--	--	--	1	7
Missouri	18	102	--	--	--	--	7	44	24	145
Nebraska	3	20	--	--	--	--	--	--	3	20
North Dakota	9	50	--	--	--	--	--	--	9	50
South Dakota	1	4	--	--	--	--	--	--	1	4
South Atlantic	189	1,101	--	--	--	--	2,601	16,580	2,790	17,681
Delaware	8	49	--	--	--	--	207	1,322	215	1,371
District of Columbia	2	12	--	--	--	--	--	--	2	12
Florida	37	218	--	--	--	--	2,128	13,572	2,165	13,789
Georgia	9	52	--	--	--	--	--	--	9	52
Maryland	67	392	--	--	--	--	266	1,687	334	2,079
North Carolina	20	117	--	--	--	--	--	--	20	117
South Carolina	3	15	--	--	--	--	--	--	3	15
Virginia	14	81	--	--	--	--	--	--	14	81
West Virginia	29	166	--	--	--	--	--	--	29	166
East South Central	50	288	--	--	--	--	--	--	50	288
Alabama	9	50	--	--	--	--	--	--	9	50
Kentucky	17	102	--	--	--	--	--	--	17	102
Mississippi	3	19	--	--	--	--	--	--	3	19
Tennessee	20	117	--	--	--	--	--	--	20	117
West South Central	25	143	9	52	--	--	79	512	112	707
Arkansas	6	36	--	--	--	--	--	--	6	36
Louisiana	3	20	--	--	--	--	79	512	82	531
Oklahoma	--	--	--	--	--	--	--	--	--	--
Texas	15	87	9	52	--	--	--	--	24	139
Mountain	15	87	--	--	--	--	180	1,125	195	1,212
Arizona	2	12	--	--	--	--	--	--	2	12
Colorado	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--
Montana	1	6	--	--	--	--	--	--	1	6
Nevada	4	23	--	--	--	--	180	1,125	184	1,148
New Mexico	5	29	--	--	--	--	--	--	5	29
Utah	1	3	--	--	--	--	--	--	1	3
Wyoming	2	14	--	--	--	--	--	--	2	14
Pacific	*	*	--	--	--	--	20	125	20	125
California	--	--	--	--	--	--	20	125	20	125
Oregon	--	--	--	--	--	--	--	--	--	--
Washington	*	*	--	--	--	--	--	--	*	*
Pacific Noncontiguous	--	--	--	--	--	--	510	3,201	510	3,201
Alaska	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	510	3,201	510	3,201
U.S. Total	589	3,425	9	52	--	--	8,428	53,554	9,026	57,031

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	January 1993 Receipts		January 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	2,002	12,748	3,716	23,585	12,748	23,585	280.3	201.8
Connecticut	614	3,907	1,443	9,133	3,907	9,133	241.7	220.7
Maine	1	5	7	43	5	43	406.5	340.9
Massachusetts	1,384	8,816	1,883	11,898	8,816	11,898	288.2	196.5
New Hampshire	3	19	383	2,511	19	2,511	407.2	156.2
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	2,999	18,959	4,094	25,815	18,959	25,815	260.7	249.9
New Jersey	352	2,205	159	991	2,205	991	270.6	283.8
New York	1,810	11,481	3,461	21,813	11,481	21,813	260.6	254.8
Pennsylvania	837	5,272	475	3,011	5,272	3,011	256.7	203.1
East North Central	296	1,804	279	1,708	1,804	1,708	335.6	300.0
Illinois	176	1,095	170	1,059	1,095	1,059	306.4	267.7
Indiana	21	123	20	117	123	117	411.0	378.1
Michigan	50	299	49	298	299	298	338.2	279.1
Ohio	37	213	24	137	213	137	403.6	400.9
Wisconsin	13	75	17	98	75	98	436.4	480.4
West North Central	52	306	40	243	306	243	373.4	269.5
Iowa	9	50	16	92	50	92	412.3	366.7
Kansas	5	30	1	8	30	8	425.7	410.4
Minnesota	1	7	3	19	7	19	455.4	394.4
Missouri	24	145	17	110	145	110	316.6	140.0
Nebraska	3	20	2	2	20	2	399.8	386.9
North Dakota	9	50	2	13	50	13	442.1	393.3
South Dakota	1	4	--	--	4	--	426.4	--
South Atlantic	2,790	17,681	2,952	18,735	17,681	18,735	226.0	208.7
Delaware	215	1,371	227	1,431	1,371	1,431	221.8	216.7
District of Columbia	2	12	--	--	12	--	432.1	--
Florida	2,165	13,789	2,356	15,025	13,789	15,025	215.1	202.1
Georgia	9	52	9	52	52	52	440.9	427.6
Maryland	334	2,079	291	1,829	2,079	1,829	252.4	204.5
North Carolina	20	117	18	106	117	106	419.6	395.0
South Carolina	3	15	2	14	15	14	430.2	387.7
Virginia	14	81	3	20	81	20	437.6	388.6
West Virginia	29	166	44	257	166	257	494.9	438.4
East South Central	50	288	483	3,091	288	3,091	438.2	205.3
Alabama	9	50	11	63	50	63	433.3	441.2
Kentucky	17	102	22	128	102	128	433.3	413.6
Mississippi	3	19	446	2,874	19	2,874	447.7	188.4
Tennessee	20	117	4	26	117	26	443.0	480.1
West South Central	112	707	85	504	707	504	258.0	363.9
Arkansas	6	36	8	45	36	45	484.0	502.3
Louisiana	82	531	10	60	531	60	210.2	338.0
Oklahoma	--	--	1	5	--	5	--	362.0
Texas	24	139	66	393	139	393	382.3	352.0
Mountain	195	1,212	140	849	1,212	849	349.3	321.0
Arizona	2	12	8	44	12	44	496.6	473.9
Colorado	--	--	2	13	--	13	--	379.3
Idaho	--	--	--	--	--	--	--	--
Montana	1	6	2	12	6	12	518.7	499.1
Nevada	184	1,148	112	688	1,148	688	342.6	293.8
New Mexico	5	29	5	31	29	31	469.8	455.8
Utah	1	3	--	--	3	--	558.0	--
Wyoming	2	14	11	61	14	61	412.0	400.6
Pacific Contiguous	20	125	3	18	125	18	306.7	557.6
California	20	125	--	--	125	--	306.5	--
Oregon	--	--	--	--	--	--	--	--
Washington	*	*	3	18	*	18	558.0	557.6
Pacific Noncontiguous	510	3,201	743	4,648	3,201	4,648	322.3	301.9
Alaska	--	--	--	--	--	--	--	--
Hawaii	510	3,201	743	4,648	3,201	4,648	322.3	301.9
U.S. Total	9,026	57,031	12,535	79,196	57,031	79,196	259.1	229.9

¹ Monetary values are expressed in nominal terms.

* Less than 0.5.

Notes: •Data for 1992 and 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 January 1993 petroleum coke receipts were 58,250 short tons and the cost was 64.7 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, January 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	1,592	251.9	16.07	392	287.8	18.27	434.9	25.37	--	--	259.0	16.51
Connecticut	588	239.6	15.27	21	248.6	15.79	467.4	27.31	--	--	239.9	15.28
Maine	--	--	--	--	--	--	406.5	23.78	--	--	--	--
Massachusetts	1,004	259.1	16.54	372	290.0	18.41	428.0	25.05	--	--	267.4	17.05
New Hampshire	--	--	--	--	--	--	407.2	23.51	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	2,580	256.5	16.26	316	248.8	15.81	412.8	24.03	--	--	255.7	16.21
New Jersey	349	269.2	16.86	--	--	--	442.9	25.72	--	--	269.2	16.86
New York	1,757	259.3	16.46	45	275.1	17.34	482.4	28.23	--	--	259.7	16.48
Pennsylvania	473	236.9	15.05	271	244.4	15.55	406.0	23.63	--	--	239.7	15.24
East North Central	128	268.5	17.16	23	266.1	16.53	412.8	23.95	--	--	268.1	17.06
Illinois	128	268.5	17.16	--	--	--	418.1	24.33	--	--	268.5	17.16
Indiana	--	--	--	--	--	--	411.0	23.66	--	--	--	--
Michigan	--	--	--	23	266.1	16.53	406.0	23.56	--	--	266.1	16.53
Ohio	--	--	--	--	--	--	403.6	23.40	--	--	--	--
Wisconsin	--	--	--	--	--	--	436.4	25.46	--	--	--	--
West North Central	--	--	--	7	131.2	8.58	413.9	23.93	--	--	131.2	8.58
Iowa	--	--	--	--	--	--	412.3	23.89	--	--	--	--
Kansas	--	--	--	--	--	--	425.7	24.68	--	--	--	--
Minnesota	--	--	--	--	--	--	455.4	26.37	--	--	--	--
Missouri	--	--	--	7	131.2	8.58	396.5	22.91	--	--	131.2	8.58
Nebraska	--	--	--	--	--	--	399.8	23.10	--	--	--	--
North Dakota	--	--	--	--	--	--	442.1	25.50	--	--	--	--
South Dakota	--	--	--	--	--	--	426.4	25.07	--	--	--	--
South Atlantic	1,271	214.0	13.64	1,330	211.0	13.45	429.4	25.00	--	--	212.5	13.54
Delaware	207	214.9	13.75	--	--	--	407.5	23.90	--	--	214.9	13.75
District of Columbia	--	--	--	--	--	--	432.1	25.00	--	--	--	--
Florida	798	212.9	13.58	1,330	211.0	13.45	426.7	24.92	--	--	211.7	13.50
Georgia	--	--	--	--	--	--	440.9	25.65	--	--	--	--
Maryland	266	216.8	13.73	--	--	--	405.6	23.61	--	--	216.8	13.73
North Carolina	--	--	--	--	--	--	419.6	24.40	--	--	--	--
South Carolina	--	--	--	--	--	--	430.2	24.94	--	--	--	--
Virginia	--	--	--	--	--	--	437.6	25.37	--	--	--	--
West Virginia	--	--	--	--	--	--	494.9	28.75	--	--	--	--
East South Central	--	--	--	--	--	--	438.2	25.50	--	--	--	--
Alabama	--	--	--	--	--	--	433.3	24.93	--	--	--	--
Kentucky	--	--	--	--	--	--	433.3	25.33	--	--	--	--
Mississippi	--	--	--	--	--	--	447.7	26.01	--	--	--	--
Tennessee	--	--	--	--	--	--	443.0	25.81	--	--	--	--
West South Central	79	203.0	13.15	--	--	--	413.3	23.97	372.3	22.33	203.0	13.15
Arkansas	--	--	--	--	--	--	484.0	27.80	--	--	--	--
Louisiana	79	203.0	13.15	--	--	--	394.4	23.19	--	--	203.0	13.15
Oklahoma	--	--	--	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	388.4	22.54	372.3	22.33	--	--
Mountain	--	--	--	180	339.8	21.24	472.7	27.34	--	--	339.8	21.24
Arizona	--	--	--	--	--	--	496.6	28.68	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	518.7	30.72	--	--	--	--
Nevada	--	--	--	180	339.8	21.24	476.9	27.74	--	--	339.8	21.24
New Mexico	--	--	--	--	--	--	469.8	26.83	--	--	--	--
Utah	--	--	--	--	--	--	558.0	32.34	--	--	--	--
Wyoming	--	--	--	--	--	--	412.0	24.01	--	--	--	--
Pacific	--	--	--	20	306.5	19.25	558.0	32.34	--	--	306.5	19.25
California	--	--	--	20	306.5	19.25	--	--	--	--	306.5	19.25
Oregon	--	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	558.0	32.34	--	--	--	--
Pacific Noncontiguous	510	322.3	20.22	--	--	--	--	--	--	--	322.3	20.22
Alaska	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	510	322.3	20.22	--	--	--	--	--	--	--	322.3	20.22
U. S. Total	6,160	251.5	15.98	2,268	240.7	15.30	422.5	24.56	372.3	22.33	248.6	15.79

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, January 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	--	--	--	370	242.6	15.41	1,119	231.3	14.77
Connecticut	--	--	--	88	260.3	16.48	521	236.5	15.08
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	282	237.1	15.07	598	226.7	14.49
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	844	266.9	16.69	194	242.6	15.41	1,637	257.3	16.38
New Jersey	331	268.6	16.80	--	--	--	19	279.0	17.77
New York	513	265.8	16.62	--	--	--	1,068	266.6	16.98
Pennsylvania	--	--	--	194	242.6	15.41	550	238.6	15.18
East North Central	--	--	--	--	--	--	151	268.1	17.06
Illinois	--	--	--	--	--	--	128	268.5	17.16
Indiana	--	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	23	266.1	16.53
Ohio	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	--	--	--	--	--	--	604	218.6	14.02
Delaware	--	--	--	--	--	--	207	214.9	13.75
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	397	220.5	14.16
Georgia	--	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	88	218.7	14.06
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	79	203.0	13.15
Oklahoma	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	9	372.3	22.33
Mountain	--	--	--	--	--	--	180	339.8	21.24
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	180	339.8	21.24
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	510	322.3	20.22	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	510	322.3	20.22	--	--	--
U. S. Total	844	266.9	16.69	1,074	280.2	17.70	3,778	246.8	15.73

¹ Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •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, January 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	--	--	--	496	333.9	21.25	--	--	--	259.0	16.51
Connecticut	--	--	--	--	--	--	--	--	--	239.9	15.28
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	496	333.9	21.25	--	--	--	267.4	17.05
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	221	213.4	13.75	--	--	--	--	--	--	255.7	16.21
New Jersey	--	--	--	--	--	--	--	--	--	269.2	16.86
New York	221	213.4	13.75	--	--	--	--	--	--	259.7	16.48
Pennsylvania	--	--	--	--	--	--	--	--	--	239.7	15.24
East North Central	--	--	--	--	--	--	--	--	--	268.1	17.06
Illinois	--	--	--	--	--	--	--	--	--	268.5	17.16
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	--	--	--	266.1	16.53
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	7	131.2	8.58	--	--	--	131.2	8.58
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	7	131	8.58	--	--	--	131.2	8.58
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	1,282	214.3	13.63	715	203.9	12.98	--	--	--	212.5	13.54
Delaware	--	--	--	--	--	--	--	--	--	214.9	13.75
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,016	213.7	13.61	715	203.9	12.98	--	--	--	211.7	13.50
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	266	216.8	13.73	--	--	--	--	--	--	216.8	13.73
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	--	--	--	218.7	14.06
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--	203.0	13.15
Oklahoma	--	--	--	--	--	--	--	--	--	372.3	22.33
Texas	--	--	--	--	--	--	--	--	--	339.8	21.24
Mountain	--	--	--	--	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	339.8	21.24
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific	20	306.5	19.25	--	--	--	--	--	--	306.5	19.25
California	20	306.5	19.25	--	--	--	--	--	--	306.5	19.25
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	322.3	20.22
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	322.3	20.22
U. S. Total	1,523	215.4	13.72	1,218	256.5	16.33	--	--	--	248.7	15.80

¹ Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Fuel Oil No. 2 has been omitted from this table. •Oil and petroleum are used interchangeably in this report. •Data for 1993 are preliminary.

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

**Table 48. Electric Utility Receipts of Gas by Type, Census Division, and State,
January 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	151	155	--	--	--	--	151	155
Connecticut	20	20	--	--	--	--	20	20
Maine	--	--	--	--	--	--	--	--
Massachusetts	131	134	--	--	--	--	131	134
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	1	1	--	--	--	--	1	1
Middle Atlantic	11,567	11,915	--	--	--	--	11,567	11,915
New Jersey	191	198	--	--	--	--	191	198
New York	10,685	11,007	--	--	--	--	10,685	11,007
Pennsylvania	690	711	--	--	--	--	690	711
East North Central	1,917	1,943	1,364	108	--	--	3,281	2,051
Illinois	479	486	--	--	--	--	479	486
Indiana	618	619	--	--	--	--	618	619
Michigan	358	364	1,364	108	--	--	1,722	471
Ohio	338	348	--	--	--	--	338	348
Wisconsin	125	126	--	--	--	--	125	126
West North Central	918	906	--	--	--	--	918	906
Iowa	240	241	--	--	--	--	240	241
Kansas	499	488	--	--	--	--	499	488
Minnesota	45	47	--	--	--	--	45	47
Missouri	52	53	--	--	--	--	52	53
Nebraska	81	77	--	--	--	--	81	77
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	12,353	12,508	--	--	--	--	12,353	12,508
Delaware	12	13	--	--	--	--	12	13
District of Columbia	--	--	--	--	--	--	--	--
Florida	10,091	10,172	--	--	--	--	10,091	10,172
Georgia	10	10	--	--	--	--	10	10
Maryland	188	194	--	--	--	--	188	194
North Carolina	166	172	--	--	--	--	166	172
South Carolina	9	9	--	--	--	--	9	9
Virginia	1,861	1,923	--	--	--	--	1,861	1,923
West Virginia	15	15	--	--	--	--	15	15
East South Central	530	537	--	--	--	--	530	537
Alabama	230	235	--	--	--	--	230	235
Kentucky	12	12	--	--	--	--	12	12
Mississippi	288	290	--	--	--	--	288	290
Tennessee	--	--	--	--	--	--	--	--
West South Central	82,682	85,051	--	--	--	--	82,682	85,051
Arkansas	320	352	--	--	--	--	320	352
Louisiana	9,552	10,014	--	--	--	--	9,552	10,014
Oklahoma	9,011	9,342	--	--	--	--	9,011	9,342
Texas	63,800	65,344	--	--	--	--	63,800	65,344
Mountain	2,953	3,041	--	--	--	--	2,953	3,041
Arizona	458	470	--	--	--	--	458	470
Colorado	165	166	--	--	--	--	165	166
Idaho	--	--	--	--	--	--	--	--
Montana	3	4	--	--	--	--	3	4
Nevada	397	407	--	--	--	--	397	407
New Mexico	1,401	1,435	--	--	--	--	1,401	1,435
Utah	518	550	--	--	--	--	518	550
Wyoming	10	11	--	--	--	--	10	11
Pacific	42,799	44,181	--	--	--	--	42,799	44,181
California	41,674	43,044	--	--	--	--	41,674	43,044
Oregon	1,123	1,135	--	--	--	--	1,123	1,135
Washington	2	2	--	--	--	--	2	2
Pacific Noncontiguous	2,084	2,087	--	--	--	--	2,084	2,087
Alaska	2,084	2,087	--	--	--	--	2,084	2,087
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	157,954	162,325	1,364	108	--	--	159,318	162,432

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	January 1993 Receipts		January 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	151	155	84	87	155	87	386.0	500.0
Connecticut	20	20	34	35	20	35	666.5	611.8
Maine	--	--	--	--	--	--	--	--
Massachusetts	131	134	48	50	134	50	343.5	431.3
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	1	1	2	2	1	2	333.6	288.7
Middle Atlantic	11,567	11,915	9,121	9,395	11,915	9,395	289.5	273.9
New Jersey	191	198	396	408	198	408	257.0	275.3
New York	10,685	11,007	8,701	8,962	11,007	8,962	293.2	273.8
Pennsylvania	690	711	25	25	711	25	240.0	295.5
East North Central	3,281	2,051	4,078	2,861	2,051	2,861	278.4	254.0
Illinois	479	486	833	848	486	848	294.1	259.3
Indiana	618	619	1,115	1,116	619	1,116	286.6	262.6
Michigan	1,722	471	1,749	504	471	504	246.7	228.3
Ohio	338	348	275	285	348	285	270.5	237.5
Wisconsin	125	126	107	107	126	107	317.5	287.2
West North Central	918	906	898	881	906	881	276.6	232.2
Iowa	240	241	82	82	241	82	336.2	322.1
Kansas	499	488	550	534	488	534	245.4	208.2
Minnesota	45	47	158	159	47	159	274.6	227.9
Missouri	52	53	33	33	53	33	259.8	287.2
Nebraska	81	77	74	71	77	71	300.3	291.8
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	2	2	--	2	--	261.8
South Atlantic	12,353	12,508	13,965	14,168	12,508	14,168	233.3	201.5
Delaware	12	13	135	140	13	140	352.4	269.3
District of Columbia	--	--	--	--	--	--	--	--
Florida	10,091	10,172	12,176	12,309	10,172	12,309	225.5	190.6
Georgia	10	10	3	3	10	3	381.3	355.3
Maryland	188	194	234	243	194	243	303.9	330.8
North Carolina	166	172	266	276	172	276	402.0	275.1
South Carolina	9	9	16	16	9	16	370.1	337.2
Virginia	1,861	1,923	1,118	1,162	1,923	1,162	248.8	258.5
West Virginia	15	15	19	19	15	19	404.2	360.3
East South Central	530	537	1,765	1,813	537	1,813	227.8	204.8
Alabama	230	235	220	225	235	225	253.0	223.3
Kentucky	12	12	35	35	12	35	295.3	275.3
Mississippi	288	290	1,510	1,554	290	1,554	204.5	200.5
Tennessee	--	--	--	--	--	--	--	--
West South Central	82,682	85,051	82,936	85,463	85,051	85,463	246.5	226.9
Arkansas	320	352	352	388	352	388	149.3	120.4
Louisiana	9,552	10,014	11,877	12,374	10,014	12,374	224.2	167.7
Oklahoma	9,011	9,342	9,535	9,897	9,342	9,897	319.1	368.7
Texas	63,800	65,344	61,172	62,804	65,344	62,804	240.1	216.9
Mountain	2,953	3,041	4,073	4,184	3,041	4,184	257.1	207.6
Arizona	458	470	1,327	1,366	470	1,366	371.5	228.4
Colorado	165	166	94	94	166	94	250.5	221.6
Idaho	--	--	--	--	--	--	--	--
Montana	3	4	5	6	4	6	638.2	633.5
Nevada	397	407	657	684	407	684	309.3	186.2
New Mexico	1,401	1,435	1,516	1,532	1,435	1,532	229.4	206.5
Utah	518	550	465	492	550	492	191.1	172.3
Wyoming	10	11	9	10	11	10	305.5	330.8
Pacific Contiguous	42,799	44,181	41,458	42,603	44,181	42,603	317.8	305.9
California	41,674	43,044	39,290	40,412	43,044	40,412	318.5	312.8
Oregon	1,123	1,135	2,163	2,187	1,135	2,187	292.6	178.9
Washington	2	2	5	5	2	5	352.0	287.0
Pacific Noncontiguous	2,084	2,087	1,495	1,495	2,087	1,495	122.4	117.5
Alaska	2,084	2,087	1,495	1,495	2,087	1,495	122.4	117.5
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	159,318	162,432	159,873	162,950	162,432	162,950	267.3	247.0

¹ Monetary values are expressed in nominal terms.

Notes: •Data for 1992 and 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, January 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	45	645.8	6.80	106	270.8	2.74	--	--	--	151	386.0	3.95
Connecticut	20	666.5	6.86	--	--	--	--	--	--	20	666.5	6.86
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	25	630.3	6.74	105	270.2	2.73	--	--	--	131	343.5	3.51
New Hampshire	--	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	1	333.6	3.30	--	--	--	1	333.6	3.30
Middle Atlantic	1,240	403.2	4.15	8,465	282.2	2.91	1,862	246.9	2.55	11,567	289.5	2.98
New Jersey	--	--	--	191	257.1	2.66	--	--	--	191	257.1	2.66
New York	1,234	403.6	4.16	7,589	286.7	2.95	1,862	246.9	2.55	10,685	293.2	3.02
Pennsylvania	6	326.7	3.37	684	239.2	2.46	--	--	--	690	240.0	2.47
East North Central	929	290.4	2.94	1,971	263.4	.97	380	277.3	2.82	3,281	278.4	1.74
Illinois	69	390.5	3.96	31	289.5	2.95	379	276.9	2.81	479	294.1	2.99
Indiana	527	292.4	2.92	90	253.2	2.57	--	--	--	618	286.6	2.87
Michigan	--	--	--	1,722	246.7	.68	--	--	--	1,722	246.7	.68
Ohio	311	257.1	2.65	26	429.6	4.34	1	437.7	4.49	338	270.5	2.79
Wisconsin	22	403.6	4.10	103	299.0	3.03	--	--	--	125	317.5	3.22
West North Central	486	248.8	2.43	430	307.5	3.07	2	257.7	2.58	918	276.6	2.73
Iowa	39	382.4	3.87	202	327.2	3.27	--	--	--	240	336.2	3.37
Kansas	436	233.9	2.28	61	324.2	3.25	2	257.7	2.58	499	245.4	2.40
Minnesota	3	502.3	5.08	43	261.5	2.68	--	--	--	45	274.6	2.81
Missouri	--	--	--	52	259.8	2.62	--	--	--	52	259.8	2.62
Nebraska	9	297.0	2.89	71	300.8	2.88	--	--	--	81	300.3	2.88
North Dakota	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	9,524	223.2	2.25	968	304.1	3.14	1,861	247.2	2.55	12,353	233.3	2.36
Delaware	12	352.4	3.65	--	--	--	--	--	--	12	352.4	3.65
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	9,511	223.0	2.24	580	266.2	2.74	--	--	--	10,091	225.5	2.27
Georgia	--	--	--	10	381.3	3.90	--	--	--	10	381.3	3.90
Maryland	--	--	--	188	303.9	3.14	--	--	--	188	303.9	3.14
North Carolina	--	--	--	166	402.0	4.16	--	--	--	166	402.0	4.16
South Carolina	--	--	--	9	370.1	3.78	--	--	--	9	370.1	3.78
Virginia	--	--	--	1	5,059.9	52.62	1,861	247.2	2.55	1,861	248.8	2.57
West Virginia	--	--	--	15	404.2	4.04	--	--	--	15	404.2	4.04
East South Central	2	240.6	2.41	521	227.3	2.31	6	262.3	2.69	530	227.8	2.31
Alabama	--	--	--	230	253.0	2.59	--	--	--	230	253.0	2.59
Kentucky	--	--	--	6	334.0	3.34	6	262.3	2.69	12	295.3	2.99
Mississippi	2	240.6	2.41	286	204.3	2.06	--	--	--	288	204.5	2.06
Tennessee	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	68,870	252.2	2.59	9,335	220.2	2.24	4,477	213.9	2.26	82,682	246.5	2.54
Arkansas	255	127.9	1.42	65	237.2	2.50	--	--	--	320	149.3	1.64
Louisiana	4,801	233.3	2.43	765	213.5	2.21	3,985	215.5	2.28	9,552	224.2	2.35
Oklahoma	8,213	329.9	3.43	798	205.8	2.09	--	--	--	9,011	319.1	3.31
Texas	55,601	242.9	2.49	7,706	222.2	2.26	492	200.4	2.05	63,800	240.1	2.46
Mountain	768	263.4	2.68	1,940	250.6	2.60	245	289.6	2.95	2,953	257.1	2.65
Arizona	348	288.9	2.96	70	865.1	8.88	40	223.7	2.30	458	371.5	3.81
Colorado	93	240.7	2.43	60	250.1	2.50	13	325.6	3.19	165	250.5	2.51
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	3	647.9	7.75	--	329.5	3.73	--	--	--	3	638.2	7.62
Nevada	--	--	--	205	316.8	3.27	192	301.2	3.07	397	309.3	3.17
New Mexico	324	237.9	2.41	1,077	226.9	2.33	--	--	--	1,401	229.4	2.35
Utah	--	--	--	518	191.1	2.03	--	--	--	518	191.1	2.03
Wyoming	--	--	--	10	305.5	3.25	--	--	--	10	305.5	3.25
Pacific	--	--	--	25,568	321.2	3.30	17,231	312.9	3.26	42,799	317.8	3.28
California	--	--	--	24,443	322.5	3.31	17,231	312.9	3.26	41,674	318.5	3.29
Oregon	--	--	--	1,123	292.6	2.96	--	--	--	1,123	292.6	2.96
Washington	--	--	--	2	352.0	3.70	--	--	--	2	352.0	3.70
Pacific Noncontiguous	2,084	122.4	1.23	--	--	--	--	--	--	2,084	122.4	1.23
Alaska	2,084	122.4	1.23	--	--	--	--	--	--	2,084	122.4	1.23
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	83,949	248.8	2.55	49,305	289.5	2.89	26,064	285.7	2.98	159,318	267.3	2.73

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 February 1993
(Million Kilowatthours)

Period	Residential		Commercial		Industrial		Other ¹		All Sectors	
	Monthly Series ²	Annual Series ¹	Monthly Series ²	Annual Series ¹	Monthly Series ²	Annual Series ¹	Monthly Series ²	Annual Series ¹	Monthly Series ²	Annual Series ¹
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	--
Year to Date										
1993 ⁴	177,155	--	124,553	--	155,092	--	16,053	--	472,853	--
1992 ⁴	173,332	--	122,317	--	153,071	--	15,232	--	463,953	--

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, February 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	3,677	3,769	3,276	3,285	2,101	2,168	189	182	9,244	9,405
Connecticut	1,021	1,027	883	905	440	460	32	34	2,376	2,424
Maine	362	411	235	252	390	400	27	14	1,014	1,077
Massachusetts	1,533	1,555	1,631	1,599	755	787	191	164	4,020	4,044
New Hampshire	338	351	184	186	280	282	9	10	811	828
Rhode Island	227	226	212	213	119	114	16	16	574	570
Vermont	196	200	131	131	117	125	4	5	448	461
Middle Atlantic	9,417	9,438	8,880	8,901	7,261	7,409	1,201	1,191	26,759	26,938
New Jersey	1,823	1,707	2,221	2,178	1,141	1,197	42	43	5,228	5,125
New York	3,547	3,666	3,913	3,954	2,422	2,557	1,051	1,038	10,934	11,216
Pennsylvania	4,046	4,064	2,746	2,768	3,697	3,654	108	111	10,597	10,597
East North Central	12,725	12,245	9,723	9,257	16,466	16,525	1,369	1,316	40,283	39,343
Illinois	3,102	2,972	2,945	2,656	3,364	3,578	739	741	10,149	9,947
Indiana	2,163	1,992	1,341	1,276	3,141	2,953	41	55	6,686	6,275
Michigan	2,212	2,176	1,760	1,708	2,857	2,872	103	103	6,931	6,858
Ohio	3,833	3,626	2,604	2,558	5,477	5,581	365	365	12,278	12,129
Wisconsin	1,416	1,480	1,074	1,060	1,627	1,540	120	53	4,238	4,133
West North Central	6,213	6,016	4,214	4,071	5,322	5,230	496	400	16,245	15,717
Iowa	965	896	589	557	1,015	944	163	65	2,733	2,463
Kansas	794	692	774	702	738	649	36	31	2,343	2,074
Minnesota	1,249	1,394	664	720	1,839	1,886	52	66	3,804	4,065
Missouri	1,945	1,835	1,455	1,398	1,046	1,109	75	76	4,522	4,418
Nebraska	629	594	436	414	387	335	89	88	1,541	1,431
North Dakota	340	331	164	157	157	169	46	41	706	697
South Dakota	290	274	132	123	138	138	36	34	595	568
South Atlantic	18,756	18,892	12,379	12,061	12,420	12,040	1,434	1,403	44,990	44,396
Delaware	283	289	211	214	270	239	5	5	768	746
District of Columbia	135	144	416	430	213	231	27	29	791	834
Florida	5,155	5,638	3,872	3,728	1,276	1,280	348	348	10,652	10,994
Georgia	2,382	2,341	1,793	1,756	2,171	2,082	78	69	6,423	6,247
Maryland	1,979	1,948	946	888	1,607	1,626	67	59	4,599	4,521
North Carolina	3,223	3,226	1,961	1,987	2,613	2,421	146	142	7,943	7,777
South Carolina	1,688	1,629	956	942	2,017	2,000	63	65	4,724	4,637
Virginia	3,081	2,871	1,777	1,686	1,372	1,298	692	676	6,922	6,531
West Virginia	832	806	447	430	882	864	8	9	2,168	2,110
East South Central	7,115	6,970	2,872	2,863	9,524	8,924	396	391	19,906	19,148
Alabama	1,640	1,642	794	785	2,340	2,147	50	54	4,825	4,628
Kentucky	1,630	1,518	737	698	3,001	2,951	215	204	5,583	5,371
Mississippi	956	959	494	461	1,069	988	44	47	2,563	2,454
Tennessee	2,888	2,851	847	920	3,113	2,838	87	86	6,935	6,695
West South Central	9,542	9,540	6,763	6,794	10,739	10,305	1,168	1,112	28,213	27,751
Arkansas	916	816	487	453	864	832	42	49	2,308	2,150
Louisiana	1,384	1,494	965	1,008	2,212	2,213	180	178	4,741	4,892
Oklahoma	1,194	1,040	797	742	882	850	167	143	3,042	2,775
Texas	6,048	6,189	4,514	4,591	6,781	6,411	778	742	18,122	17,934
Mountain	4,567	4,383	4,011	4,014	4,393	4,601	606	415	13,576	13,413
Arizona	1,197	1,181	1,023	1,016	818	742	108	109	3,145	3,049
Colorado	1,031	953	1,191	1,213	559	516	83	55	2,864	2,736
Idaho	636	626	292	302	549	851	28	5	1,506	1,784
Montana	333	291	244	240	449	536	50	43	1,075	1,110
Nevada	439	436	301	284	552	537	147	55	1,440	1,312
New Mexico	340	336	359	359	360	341	103	88	1,162	1,123
Utah	403	379	388	409	464	471	73	50	1,327	1,310
Wyoming	188	180	213	190	642	608	13	10	1,056	989
Pacific Contiguous	11,058	10,411	8,162	8,274	8,478	8,796	1,060	1,076	28,758	28,558
California	5,699	5,650	5,397	5,666	4,690	4,460	662	668	16,448	16,444
Oregon	1,707	1,475	1,005	982	1,104	1,235	52	31	3,868	3,723
Washington	3,652	3,285	1,760	1,627	2,684	3,102	346	377	8,443	8,390
Pacific Noncontiguous	347	357	342	356	313	314	21	21	1,023	1,049
Alaska	159	164	175	182	38	35	17	16	389	397
Hawaii	188	194	167	174	276	280	4	5	635	652
U.S. Total	83,416	82,022	60,624	59,876	77,017	76,312	7,940	7,507	228,997	225,717

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, February 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.5	0.6	0.7	1.6	0.5
Connecticut	.8	.3	.6	1.0	.4
Maine	.1	.2	.0	7.8	.4
Massachusetts	.9	1.2	1.7	2.1	1.0
New Hampshire	1.9	.3	2.1	.8	1.9
Rhode Island	.2	.0	.1	.1	.1
Vermont	.7	.8	2.1	19.9	.7
Middle Atlantic	2.5	.8	1.8	.9	1.4
New Jersey	1.1	.4	.4	.7	.5
New York	4.6	1.3	.9	1.0	1.6
Pennsylvania	4.1	2.0	3.5	2.3	3.2
East North Central	.8	.6	1.0	5.3	.5
Illinois	2.0	1.7	1.7	3.7	.5
Indiana	3.2	.8	1.8	17.1	.4
Michigan	.8	1.5	1.1	1.3	.6
Ohio	.5	.7	2.5	4.0	1.6
Wisconsin	1.4	.4	.8	54.5	1.2
West North Central	1.4	1.0	2.0	8.4	.9
Iowa	1.5	3.1	6.0	22.9	2.7
Kansas	3.7	4.0	11.3	19.6	4.9
Minnesota	5.2	2.5	1.5	2.4	.9
Missouri	2.2	.7	.7	2.6	1.1
Nebraska	3.1	.9	3.1	18.2	2.0
North Dakota	3.9	2.5	1.5	3.0	2.2
South Dakota	3.1	.9	1.1	12.7	1.8
South Atlantic	.6	.3	.4	.7	.3
Delaware	.2	.0	.1	1.0	.5
District of Columbia	.0	.0	.0	.0	.0
Florida	1.8	.9	1.5	1.0	.8
Georgia	.8	.1	.7	.7	.4
Maryland	1.5	1.3	.3	3.0	.6
North Carolina	1.3	.6	1.6	4.9	.2
South Carolina	1.1	.3	.4	.7	.4
Virginia	1.3	.4	.2	.9	.7
West Virginia	1.6	.9	.9	1.8	1.4
East South Central	2.3	.9	1.2	1.8	1.6
Alabama	5.8	1.8	1.4	6.8	2.4
Kentucky	4.6	1.8	3.5	.6	2.9
Mississippi	2.3	1.0	.9	13.6	1.2
Tennessee	4.0	1.7	1.3	1.7	3.7
West South Central	3.3	.6	.5	1.0	.7
Arkansas	1.7	3.4	1.7	5.0	1.0
Louisiana	1.8	.6	.9	5.5	1.7
Oklahoma	1.7	1.4	.4	.1	.7
Texas	5.2	.8	.7	.6	1.1
Mountain	1.2	1.5	.8	10.5	1.0
Arizona	.5	.8	.8	11.8	.5
Colorado	4.5	4.3	2.7	15.5	3.8
Idaho	.4	8.7	3.9	.6	2.6
Montana	4.6	2.5	3.2	10.3	3.6
Nevada	2.4	.2	1.3	6.3	.6
New Mexico	3.5	4.5	1.7	1.0	2.2
Utah	1.7	1.0	2.0	82.8	.5
Wyoming	3.1	5.5	1.4	12.9	3.5
Pacific Contiguous	.8	1.5	3.8	7.1	2.5
California	1.1	2.2	4.6	11.1	.9
Oregon	3.4	1.1	7.2	23.8	4.7
Washington	1.0	1.2	8.6	3.7	8.1
Pacific Noncontiguous	.4	.3	.9	4.0	.5
Alaska	.7	.5	5.4	5.0	1.0
Hawaii	.5	.4	.8	.9	.6
U.S. Total	.6	.3	.5	1.6	.4

¹ Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
Notes: •For an explanation of coefficients of variation, see the technical notes. •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 February 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	7,625	7,794	6,630	6,684	4,190	4,293	386	377	18,830	19,148
Connecticut	2,106	2,137	1,761	1,830	843	914	65	72	4,776	4,952
Maine	759	812	492	493	796	781	52	29	2,098	2,115
Massachusetts	3,174	3,231	3,303	3,282	1,509	1,556	209	213	8,194	8,283
New Hampshire	708	714	376	371	575	566	19	20	1,678	1,672
Rhode Island	471	474	429	439	227	223	33	33	1,161	1,168
Vermont	406	425	269	270	240	254	7	10	923	959
Middle Atlantic	19,304	19,385	17,998	17,896	14,477	14,741	2,438	2,432	54,217	54,454
New Jersey	3,804	3,658	4,565	4,488	2,272	2,365	91	91	10,731	10,602
New York	7,232	7,418	7,955	7,910	4,897	5,099	2,119	2,099	22,203	22,526
Pennsylvania	8,268	8,310	5,478	5,498	7,308	7,277	229	242	21,283	21,326
East North Central	27,459	26,520	19,820	18,982	32,804	32,394	2,703	2,647	82,786	80,543
Illinois	6,644	6,202	5,865	5,319	6,448	6,903	1,497	1,470	20,453	19,894
Indiana	4,763	4,405	2,782	2,643	6,257	5,787	87	115	13,889	12,949
Michigan	4,817	4,815	3,556	3,547	5,735	5,545	222	213	14,330	14,120
Ohio	8,082	7,910	5,378	5,283	11,089	11,122	720	739	25,269	25,054
Wisconsin	3,153	3,189	2,239	2,191	3,276	3,037	177	109	8,844	8,526
West North Central	13,739	12,854	8,958	8,406	10,837	10,603	942	828	34,476	32,690
Iowa	2,103	1,935	1,260	1,147	2,073	1,916	239	136	5,676	5,134
Kansas	1,714	1,483	1,599	1,470	1,452	1,301	72	61	4,837	4,316
Minnesota	2,861	2,941	1,429	1,466	3,822	3,898	114	146	8,226	8,451
Missouri	4,305	3,961	3,137	2,907	2,092	2,188	161	155	9,695	9,211
Nebraska	1,331	1,281	903	847	777	679	186	181	3,196	2,988
North Dakota	774	687	352	319	329	343	94	82	1,550	1,431
South Dakota	650	567	279	249	291	278	75	66	1,295	1,160
South Atlantic	38,978	39,411	25,440	24,812	24,658	24,242	2,932	2,873	92,007	91,337
Delaware	570	580	427	428	527	503	9	9	1,534	1,520
District of Columbia	280	286	842	860	436	476	57	60	1,615	1,681
Florida	10,591	11,395	8,065	7,600	2,534	2,596	709	704	21,899	22,295
Georgia	5,057	5,066	3,723	3,663	4,432	4,183	157	143	13,369	13,055
Maryland	4,035	4,925	1,872	1,817	3,301	3,267	129	120	9,337	9,229
North Carolina	6,887	6,917	4,077	4,086	4,939	4,811	299	298	16,203	16,112
South Carolina	3,505	3,343	1,957	1,899	4,002	3,955	126	133	9,591	9,330
Virginia	6,331	6,067	3,558	3,538	2,692	2,662	1,427	1,386	14,008	13,653
West Virginia	1,721	1,732	918	920	1,794	1,790	17	20	4,450	4,461
East South Central	14,907	14,852	5,922	5,962	19,309	17,933	803	807	40,941	39,554
Alabama	3,514	3,636	1,697	1,673	4,691	4,361	110	114	10,012	9,783
Kentucky	3,459	3,335	1,554	1,484	6,265	5,881	438	424	11,716	11,123
Mississippi	1,999	1,974	1,020	950	2,152	2,040	88	94	5,259	5,058
Tennessee	5,935	5,908	1,651	1,855	6,201	5,652	167	175	13,954	13,590
West South Central	20,403	20,177	14,088	13,946	21,694	20,986	2,384	2,302	58,569	57,412
Arkansas	1,963	1,737	1,009	929	1,773	1,666	84	102	4,829	4,434
Louisiana	2,928	3,200	2,005	2,056	4,541	4,459	359	392	9,832	10,108
Oklahoma	2,618	2,288	1,660	1,542	1,821	1,769	321	302	6,420	5,900
Texas	12,895	12,953	9,414	9,419	13,559	13,092	1,620	1,506	37,487	36,970
Mountain	10,189	9,636	8,297	8,240	8,964	9,306	1,281	859	28,732	28,040
Arizona	2,664	2,579	2,112	2,076	1,670	1,492	219	225	6,664	6,371
Colorado	2,196	2,023	2,418	2,483	1,142	1,023	160	110	5,915	5,639
Idaho	1,432	1,410	624	645	1,146	1,728	54	11	3,255	3,795
Montana	776	654	520	477	973	1,092	104	88	2,373	2,311
Nevada	1,064	982	623	581	1,080	1,096	373	122	3,140	2,781
New Mexico	734	730	735	745	740	711	200	179	2,409	2,366
Utah	905	862	830	833	958	926	147	103	2,841	2,725
Wyoming	419	395	435	400	1,256	1,237	25	21	2,135	2,053
Pacific Contiguous	23,803	21,956	16,689	16,673	17,508	17,918	2,141	2,065	60,140	58,612
California	12,361	11,869	10,976	11,395	9,596	9,163	1,294	1,265	34,227	33,692
Oregon	3,882	3,356	2,111	2,013	2,175	2,406	106	62	8,273	7,836
Washington	7,561	6,732	3,602	3,265	5,737	6,348	741	739	17,640	17,084
Pacific Noncontiguous	748	748	712	717	652	656	44	42	2,156	2,162
Alaska	344	339	368	365	77	67	34	32	823	803
Hawaii	404	409	344	351	575	589	9	10	1,332	1,359
U.S. Total	177,155	173,332	124,553	122,317	155,092	153,071	16,053	15,232	472,853	463,953

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 February 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	65,790	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	--
Year to Date										
1993 ³	13,774	--	9,134	--	7,224	--	1,042	--	31,174	--
1992 ³	13,436	--	8,947	--	7,179	--	977	--	30,538	--

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, February 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	406	404	317	304	179	184	22	19	923	912
Connecticut	109	112	85	88	36	38	4	4	235	243
Maine	43	48	27	27	34	34	3	2	106	111
Massachusetts	165	157	147	134	63	68	11	9	387	368
New Hampshire	41	40	20	19	24	23	1	1	86	83
Rhode Island	25	25	21	21	11	10	2	2	59	58
Vermont	22	23	16	15	11	11	*	1	50	50
Middle Atlantic	983	961	828	811	456	470	104	100	2,372	2,343
New Jersey	191	176	205	196	86	90	7	7	489	467
New York	434	420	402	395	148	149	84	81	1,068	1,044
Pennsylvania	358	366	222	221	222	232	13	13	815	831
East North Central	974	942	683	650	749	750	87	83	2,494	2,425
Illinois	269	261	202	181	162	168	46	43	679	653
Indiana	136	128	77	75	123	113	4	4	339	321
Michigan	178	177	148	143	168	172	10	10	504	501
Ohio	291	278	193	189	230	232	22	23	737	722
Wisconsin	99	97	64	62	66	63	6	4	234	227
West North Central	414	399	252	243	225	222	29	23	919	887
Iowa	71	68	35	33	34	37	8	4	149	142
Kansas	58	49	51	47	36	32	3	2	148	130
Minnesota	87	88	40	40	81	78	4	4	212	211
Missouri	123	123	82	83	44	49	5	5	255	260
Nebraska	35	33	24	22	16	13	5	5	81	73
North Dakota	20	19	10	10	8	8	2	2	39	38
South Dakota	19	18	9	8	6	6	1	1	36	33
South Atlantic	1,393	1,402	775	794	533	549	85	90	2,786	2,836
Delaware	23	23	14	14	13	11	1	1	50	49
District of Columbia	8	8	23	24	10	10	2	2	43	44
Florida	405	440	258	253	65	65	22	24	751	782
Georgia	169	165	135	134	100	98	7	6	410	403
Maryland	139	138	57	54	75	81	5	5	277	277
North Carolina	253	252	125	129	120	115	10	10	509	506
South Carolina	119	120	60	56	80	80	4	4	263	260
Virginia	226	208	76	107	36	56	34	38	372	409
West Virginia	51	48	26	24	35	33	1	1	112	106
East South Central	426	413	187	180	374	361	23	23	1,010	976
Alabama	108	105	56	53	95	91	3	3	262	252
Kentucky	89	82	40	37	96	97	10	9	235	226
Mississippi	64	64	37	33	48	44	4	4	153	146
Tennessee	165	161	55	56	135	128	6	6	361	352
West South Central	676	689	465	461	461	442	75	67	1,677	1,658
Arkansas	71	65	32	31	40	42	3	3	146	141
Louisiana	104	111	73	76	95	94	14	14	285	295
Oklahoma	79	70	45	41	33	31	9	5	165	148
Texas	421	443	315	312	294	276	50	44	1,081	1,075
Mountain	327	316	264	259	185	183	32	24	808	781
Arizona	106	105	84	83	46	44	7	7	243	239
Colorado	72	65	67	65	25	23	6	4	170	157
Idaho	31	31	14	15	16	23	1	*	62	68
Montana	19	19	15	13	17	17	2	2	53	50
Nevada	30	29	20	19	24	23	6	3	80	74
New Mexico	30	30	31	30	17	16	7	4	84	80
Utah	27	28	22	23	18	17	3	2	71	70
Wyoming	11	10	11	10	22	22	1	1	45	43
Pacific Contiguous	873	829	656	667	400	404	50	46	1,979	1,946
California	623	619	522	546	296	296	34	31	1,475	1,491
Oregon	84	73	51	48	38	39	3	2	176	162
Washington	167	138	83	73	65	70	13	13	328	293
Pacific Noncontiguous	40	37	36	35	28	24	2	3	107	98
Alaska	17	17	16	17	3	3	2	2	39	39
Hawaii	23	20	20	18	25	21	*	*	68	59
U.S. Total	6,512	6,392	4,462	4,404	3,590	3,590	511	476	15,074	14,862

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

* Less than 0.5.

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

•Monetary values are expressed in nominal terms. •Estimated sales and associated revenue are based on sales by the utilities in the sample. •See technical notes for an explanation of the modification to the sample design as of January 1993 estimates.

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

Table 57. Estimated Coefficients of Variation of Revenue from Electric Utility Sales of Electricity by Census Division and State, February 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.9	0.7	0.5	1.5	0.7
Connecticut	1.0	.7	.3	.4	.7
Maine	.1	.3	.8	6.0	.2
Massachusetts	1.9	1.4	1.2	2.6	1.3
New Hampshire	4.1	1.2	1.3	.7	3.0
Rhode Island	.3	.2	.4	.4	.3
Vermont	1.3	1.3	2.0	3.4	1.0
Middle Atlantic	3.1	2.3	2.7	2.3	2.4
New Jersey	1.0	.5	.2	.6	.6
New York	5.5	4.4	6.4	2.8	4.5
Pennsylvania	5.3	2.5	3.6	1.7	3.9
East North Central	1.0	.4	.8	2.5	.5
Illinois	2.5	1.0	1.4	2.2	.9
Indiana	3.9	1.2	1.4	7.8	1.1
Michigan	1.5	.4	2.4	.4	1.3
Ohio	1.0	.8	1.1	3.4	.9
Wisconsin	1.0	.6	1.1	28.7	1.2
West North Central	1.1	1.3	2.0	6.7	1.1
Iowa	1.9	1.9	6.2	18.3	2.7
Kansas	3.7	4.1	8.4	9.7	4.2
Minnesota	3.7	2.2	.4	2.0	1.3
Missouri	1.5	2.7	5.7	2.0	2.6
Nebraska	1.1	1.3	1.1	20.4	1.2
North Dakota	2.7	2.1	1.3	1.5	1.4
South Dakota	2.0	1.3	2.1	6.2	1.8
South Atlantic	1.0	.7	1.3	1.0	.7
Delaware	1.8	1.3	2.3	1.1	2.0
District of Columbia	.0	.0	.0	.0	.0
Florida	2.5	.4	3.3	2.3	1.5
Georgia	2.1	.6	.3	1.2	1.0
Maryland	2.2	2.5	.8	.9	1.5
North Carolina	2.6	2.0	.8	4.9	1.4
South Carolina	2.9	.9	1.2	1.2	1.1
Virginia	.7	5.3	17.1	1.1	3.2
West Virginia	1.8	.8	1.4	.9	1.5
East South Central	2.3	1.1	1.0	1.9	1.3
Alabama	5.3	2.1	2.3	6.9	2.6
Kentucky	5.3	2.6	2.5	1.6	2.7
Mississippi	1.6	1.6	1.0	8.6	1.3
Tennessee	3.7	2.5	1.2	1.7	2.7
West South Central	2.4	.8	1.4	1.3	.5
Arkansas	1.5	.9	.5	3.8	1.0
Louisiana	1.8	.6	.8	5.2	1.0
Oklahoma	1.0	3.7	2.6	.3	1.2
Texas	3.8	1.0	2.2	1.2	.6
Mountain	1.6	1.9	1.2	7.3	1.4
Arizona	1.1	2.1	.6	2.7	1.4
Colorado	6.5	6.4	4.0	10.8	5.7
Idaho	1.8	8.0	5.2	3.5	3.2
Montana	3.9	1.1	7.4	10.7	4.8
Nevada	1.9	.3	4.3	7.2	1.5
New Mexico	2.9	4.3	1.9	3.3	2.6
Utah	2.9	2.2	2.2	73.0	1.5
Wyoming	2.4	4.1	.4	6.5	2.2
Pacific Contiguous	1.4	1.3	5.3	3.5	1.3
California	1.9	1.6	6.5	4.5	1.1
Oregon	3.2	1.5	6.2	12.2	3.4
Washington	2.2	1.6	12.4	6.0	6.2
Pacific Noncontiguous	1.0	1.1	.8	4.6	1.0
Alaska	1.5	2.1	5.7	5.6	2.2
Hawaii	1.4	1.2	.5	3.5	1.0
U.S. Total	.6	.5	.8	1.0	.5

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 February 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	844	838	638	626	358	367	44	39	1,884	1,869
Connecticut	231	232	174	178	71	76	9	9	485	495
Maine	89	96	55	54	69	67	6	4	220	220
Massachusetts	338	329	294	282	126	137	22	19	780	766
New Hampshire	85	80	41	38	48	45	3	3	177	166
Rhode Island	52	51	43	43	21	20	3	3	119	117
Vermont	48	49	32	31	22	22	1	1	103	103
Middle Atlantic	2,022	1,974	1,694	1,634	918	940	210	202	4,844	4,749
New Jersey	400	374	425	402	178	180	14	13	1,017	969
New York	886	850	827	792	297	296	170	161	2,179	2,099
Pennsylvania	736	749	443	440	443	464	26	27	1,647	1,681
East North Central	2,094	2,039	1,384	1,343	1,485	1,491	173	172	5,136	5,045
Illinois	582	562	407	384	316	344	93	91	1,398	1,381
Indiana	297	282	159	155	244	224	7	9	708	669
Michigan	389	389	293	291	331	335	20	19	1,032	1,034
Ohio	610	596	393	385	462	463	44	46	1,509	1,490
Wisconsin	217	211	131	128	132	124	10	8	489	471
West North Central	895	847	523	497	461	446	54	48	1,932	1,838
Iowa	153	144	74	68	75	74	13	8	314	294
Kansas	123	106	103	96	71	64	6	5	302	272
Minnesota	194	186	83	82	164	159	8	9	450	436
Missouri	265	263	174	170	91	96	11	10	542	539
Nebraska	73	70	49	45	31	26	10	10	164	152
North Dakota	44	39	22	20	16	15	3	3	84	77
South Dakota	42	37	18	16	13	12	3	2	76	68
South Atlantic	2,898	2,920	1,601	1,632	1,081	1,107	184	184	5,759	5,842
Delaware	46	46	29	28	25	23	1	1	101	97
District of Columbia	17	17	47	47	20	21	3	3	87	88
Florida	832	896	532	519	129	132	46	49	1,538	1,596
Georgia	348	352	277	275	200	196	14	12	839	836
Maryland	283	286	112	112	153	162	10	10	559	568
North Carolina	538	538	262	264	230	230	21	21	1,051	1,052
South Carolina	247	247	121	114	158	160	7	7	533	527
Virginia	482	436	170	224	95	117	76	78	823	855
West Virginia	105	102	52	51	70	68	1	1	229	223
East South Central	882	877	378	373	744	724	46	46	2,050	2,020
Alabama	223	231	113	114	186	186	6	7	527	538
Kentucky	187	179	82	77	193	194	20	19	482	469
Mississippi	133	132	75	68	96	90	8	8	312	298
Tennessee	339	335	108	113	270	255	12	12	729	716
West South Central	1,429	1,419	956	918	932	868	154	139	3,470	3,344
Arkansas	151	135	66	63	82	82	6	7	305	287
Louisiana	221	235	151	153	198	186	29	29	599	602
Oklahoma	164	149	92	85	68	63	16	12	340	310
Texas	892	900	647	618	584	537	103	91	2,225	2,145
Mountain	725	683	548	531	380	372	75	49	1,729	1,635
Arizona	232	222	175	168	94	88	14	15	515	492
Colorado	157	140	139	138	57	47	12	9	362	334
Idaho	71	69	30	32	34	46	3	1	137	147
Montana	45	42	31	26	35	32	4	4	115	105
Nevada	69	62	42	38	47	47	1	6	172	154
New Mexico	65	65	62	61	36	33	21	9	184	169
Utah	61	61	49	48	37	34	6	5	153	147
Wyoming	23	22	22	20	44	45	1	1	91	88
Pacific Contiguous	1,900	1,763	1,338	1,323	808	816	101	93	4,149	3,994
California	1,364	1,310	1,064	1,077	598	599	68	63	3,093	3,050
Oregon	189	164	106	99	75	75	7	4	377	342
Washington	348	290	169	147	136	141	27	25	679	602
Pacific Noncontiguous	85	76	74	70	58	49	5	6	222	201
Alaska	36	35	33	35	7	5	4	5	80	79
Hawaii	49	42	41	36	52	44	1	1	143	122
U.S. Total	13,774	13,436	9,134	8,947	7,224	7,179	1,042	977	31,174	30,538

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 February 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	--
Year-to-Date Average										
1993 Average ⁴	7.8	--	7.3	--	4.7	--	6.5	--	6.6	--
1992 Average ³	7.8	--	7.3	--	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, February 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	11.0	10.7	9.7	9.3	8.5	8.5	11.4	10.4	10.0	9.7
Connecticut	10.7	10.9	9.7	9.7	8.1	8.3	13.5	13.3	9.9	10.0
Maine	11.7	11.7	11.4	10.8	8.8	8.5	10.7	13.5	10.5	10.3
Massachusetts	10.8	10.1	9.0	8.4	8.4	8.7	10.8	8.7	9.6	9.1
New Hampshire	12.1	11.3	10.9	10.3	8.5	8.0	14.3	12.9	10.6	10.0
Rhode Island	11.1	10.9	10.1	9.8	9.4	9.1	10.6	9.9	10.4	10.1
Vermont	11.4	11.5	12.2	11.4	9.4	8.7	12.7	12.5	11.1	10.7
Middle Atlantic	10.4	10.2	9.3	9.1	6.3	6.3	8.7	8.4	8.9	8.7
New Jersey	10.5	10.3	9.2	9.0	7.6	7.5	16.5	15.8	9.4	9.1
New York	12.2	11.5	10.3	10.0	6.1	5.8	8.0	7.8	9.8	9.3
Pennsylvania	8.9	9.0	8.1	8.0	6.0	6.3	11.9	11.4	7.7	7.8
East North Central	7.7	7.7	7.0	7.0	4.6	4.5	6.4	6.3	6.2	6.2
Illinois	8.7	8.8	6.9	6.8	4.8	4.7	6.2	5.8	6.7	6.6
Indiana	6.3	6.4	5.8	5.9	3.9	3.8	9.1	7.9	5.1	5.1
Michigan	8.1	8.1	8.4	8.3	5.9	6.0	9.5	9.3	7.3	7.3
Ohio	7.6	7.7	7.4	7.4	4.2	4.2	6.1	6.2	6.0	6.0
Wisconsin	7.0	6.6	5.9	5.9	4.0	4.1	5.0	7.3	5.5	5.5
West North Central	6.7	6.6	6.0	6.0	4.2	4.2	5.8	5.9	5.7	5.6
Iowa	7.4	7.6	5.9	5.9	3.4	3.9	5.2	5.9	5.4	5.8
Kansas	7.3	7.1	6.6	6.7	4.9	4.9	8.0	8.0	6.3	6.3
Minnesota	7.0	6.3	6.1	5.6	4.4	4.1	7.2	6.5	5.6	5.2
Missouri	6.3	6.7	5.6	5.9	4.2	4.4	7.1	6.8	5.6	5.9
Nebraska	5.6	5.6	5.6	5.4	4.1	3.9	5.8	5.9	5.2	5.1
North Dakota	5.8	5.7	6.3	6.2	4.8	4.5	3.5	3.8	5.6	5.4
South Dakota	6.7	6.6	6.5	6.5	4.6	4.5	3.8	3.1	6.0	5.9
South Atlantic	7.4	7.4	6.3	6.6	4.3	4.6	6.0	6.4	6.2	6.4
Delaware	8.0	7.9	6.8	6.5	4.7	4.7	11.7	11.2	6.5	6.5
District of Columbia	5.9	5.8	5.6	5.6	4.6	4.4	6.2	6.0	5.4	5.3
Florida	7.9	7.8	6.7	6.8	5.1	5.1	6.4	7.0	7.0	7.1
Georgia	7.1	7.1	7.5	7.6	4.6	4.7	8.8	8.7	6.4	6.5
Maryland	7.0	7.1	6.1	6.0	4.7	5.0	7.6	8.5	6.0	6.1
North Carolina	7.9	7.8	6.4	6.5	4.6	4.8	7.1	7.1	6.4	6.5
South Carolina	7.0	7.4	6.3	6.0	4.0	4.0	5.7	5.6	5.6	5.6
Virginia	7.3	7.2	4.3	6.3	2.6	4.3	4.9	5.6	5.4	6.3
West Virginia	6.1	5.9	5.8	5.6	3.9	3.8	8.9	7.7	5.2	5.0
East South Central	6.0	5.9	6.5	6.3	3.9	4.0	5.9	5.8	5.1	5.1
Alabama	6.6	6.4	7.0	6.8	4.1	4.2	6.0	6.2	5.4	5.5
Kentucky	5.5	5.4	5.4	5.3	3.2	3.3	4.7	4.5	4.2	4.2
Mississippi	6.7	6.7	7.4	7.3	4.5	4.5	9.0	8.4	6.0	5.9
Tennessee	5.7	5.7	6.5	6.1	4.3	4.5	7.1	7.1	5.2	5.3
West South Central	7.1	7.2	6.9	6.8	4.3	4.3	6.4	6.0	5.9	6.0
Arkansas	7.7	7.9	6.5	6.9	4.7	5.0	6.7	6.8	6.3	6.5
Louisiana	7.5	7.4	7.6	7.5	4.3	4.2	7.6	7.7	6.0	6.0
Oklahoma	6.6	6.7	5.6	5.6	3.7	3.6	5.1	3.7	5.4	5.3
Texas	7.0	7.2	7.0	6.8	4.3	4.3	6.4	6.0	6.0	6.0
Mountain	7.2	7.2	6.6	6.4	4.2	4.0	5.3	5.7	5.9	5.8
Arizona	8.9	8.9	8.2	8.2	5.6	5.9	6.4	6.5	7.7	7.8
Colorado	7.0	6.8	5.6	5.4	4.5	4.4	7.1	7.8	5.9	5.7
Idaho	4.9	4.9	4.7	4.9	2.9	2.7	4.8	5.6	4.1	3.8
Montana	5.8	6.4	6.1	5.5	3.7	3.1	4.1	4.5	4.9	4.5
Nevada	6.8	6.6	6.6	6.7	4.4	4.3	3.9	5.1	5.6	5.6
New Mexico	8.7	8.9	8.6	8.3	4.8	4.7	6.4	5.1	7.3	7.1
Utah	6.8	7.3	5.8	5.7	3.8	3.5	4.1	4.3	5.3	5.3
Wyoming	5.7	5.8	5.1	5.2	3.5	3.6	5.9	6.4	4.2	4.3
Pacific Contiguous	7.9	8.0	8.0	8.1	4.7	4.6	4.7	4.2	6.9	6.8
California	10.9	10.9	9.7	9.6	6.3	6.6	5.1	4.6	9.0	9.1
Oregon	4.9	4.9	5.1	4.9	3.5	3.1	6.2	7.3	4.6	4.3
Washington	4.6	4.2	4.7	4.5	2.4	2.3	3.7	3.3	3.9	3.5
Pacific Noncontiguous	11.5	10.3	10.5	9.8	9.0	7.5	11.7	13.1	10.4	9.3
Alaska	10.8	10.3	9.2	9.6	8.9	7.5	11.8	14.3	9.9	9.9
Hawaii	12.2	10.2	11.9	10.1	9.0	7.5	11.0	9.1	10.7	9.0
U.S. Average	7.8	7.8	7.4	7.4	4.7	4.7	6.4	6.3	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, February 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.5	0.3	0.4	1.2	0.3
Connecticut	.2	.4	.3	.9	.3
Maine	.1	.4	.8	3.0	.5
Massachusetts	1.1	.6	.9	2.0	.7
New Hampshire	2.3	.9	.9	1.0	1.2
Rhode Island	.1	.1	.4	.4	.2
Vermont	.7	.5	.8	17.6	.9
Middle Atlantic	.8	1.6	1.8	1.4	1.4
New Jersey	.2	.2	.2	.4	.1
New York	1.0	3.3	5.6	1.8	2.9
Pennsylvania	1.4	.8	.0	.6	.6
East North Central	.6	.5	.7	3.0	.5
Illinois	1.6	.8	.3	1.5	.7
Indiana	1.2	.8	1.0	9.1	.8
Michigan	1.0	1.2	1.5	.8	1.2
Ohio	.8	1.2	1.6	1.7	1.3
Wisconsin	.8	.3	.8	26.4	.4
West North Central	1.0	1.1	1.3	2.8	1.1
Iowa	1.4	1.6	3.2	5.3	2.5
Kansas	.8	.8	3.1	10.9	1.4
Minnesota	1.6	.5	1.2	1.2	1.2
Missouri	2.7	3.1	5.0	1.0	3.3
Nebraska	2.3	2.1	2.3	7.1	2.6
North Dakota	1.7	.8	.7	2.1	1.2
South Dakota	1.9	1.5	1.5	8.7	1.7
South Atlantic	.5	.6	1.3	.7	.5
Delaware	1.6	1.3	2.1	.1	1.5
District of Columbia	.0	.0	.0	.0	.0
Florida	.7	.6	2.2	2.6	.7
Georgia	2.5	.5	1.0	1.6	1.3
Maryland	.7	1.3	1.1	3.8	1.1
North Carolina	1.4	1.4	1.0	.8	1.5
South Carolina	1.8	.8	1.2	.6	.9
Virginia	.6	4.8	17.3	.3	2.4
West Virginia	.2	.5	.6	1.0	.2
East South Central	.3	.6	.7	.7	.6
Alabama	.5	.3	.9	1.3	.3
Kentucky	1.2	1.3	1.4	1.1	1.8
Mississippi	.9	.6	.7	5.0	.4
Tennessee	.4	1.6	1.1	2.0	1.2
West South Central	1.0	.7	1.0	.8	.5
Arkansas	.4	2.6	1.6	3.2	.4
Louisiana	1.2	.1	.3	2.5	1.0
Oklahoma	2.5	2.3	3.0	.3	.6
Texas	1.5	1.0	1.5	1.0	.8
Mountain	.7	.9	.8	4.1	.7
Arizona	.7	1.3	1.2	9.5	1.0
Colorado	2.1	2.1	1.5	5.8	2.0
Idaho	1.6	.6	2.0	3.0	.7
Montana	.7	3.4	4.3	3.2	1.8
Nevada	.5	.1	3.0	.0	.9
New Mexico	5.4	5.6	3.5	3.6	4.8
Utah	1.2	1.2	.3	19.8	.9
Wyoming	1.5	2.3	1.8	6.7	1.7
Pacific Contiguous	1.0	1.3	3.1	4.4	1.7
California	.9	1.8	3.5	7.2	1.2
Oregon	.3	.4	1.0	12.5	1.6
Washington	2.2	2.5	4.4	4.0	2.7
Pacific Noncontiguous	1.2	1.3	1.1	2.5	1.2
Alaska	1.2	2.2	.0	3.0	1.7
Hawaii	1.8	1.5	1.2	2.7	1.6
U.S. Total	.3	.4	.5	1.0	.4

¹ Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
Notes: •Estimates for 1993 are preliminary. •For an explanation of coefficient of variation, see the technical notes.
Source: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

**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, January 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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Abbeville Water & Elec Plant	--	5	--	1,573	--	--	--	*	--	--	*
Abbeville (SC)	--	5	--	1,573	--	--	--	*	--	--	*
Accomack-Northampton Electric											
Coop	--	4	--	--	--	--	--	*	--	--	*
Smith (VA)	--	1	--	--	--	--	--	*	--	--	*
Tangier (VA)	--	3	--	--	--	--	--	*	--	--	*
Adrian Lt & Water Comm	--	--	--	--	--	--	--	--	--	--	--
Adrian (MN)	--	--	--	--	--	--	--	--	--	--	--
Aitkin Public Utilities Comm	--	-26	--	--	--	--	--	*	--	--	*
Aitkin (MN)	--	-26	--	--	--	--	--	*	--	--	*
Alabama Elec Coop, Inc	242,307	-184	--	5,199	--	--	107	*	--	408	4
Gantt (AL)	--	--	--	1,642	--	--	--	--	--	--	--
Lowman (AL)	242,366	--	--	--	--	--	107	--	--	404	--
McIntosh-CAES (AL)	--	-182	--	--	--	--	--	--	--	--	4
McWilliams (AL)	-59	--	--	--	--	--	--	--	--	4	--
Point "A" (AL)	--	--	--	3,557	--	--	--	--	--	--	--
Portland (FL)	--	-2	--	--	--	--	--	*	--	--	1
Alabama Power Co (SC)	2,717,706	3,629	24,077	939,960	1,183,219	--	1,106	6	230	2,934	61
Bankhead Dam (AL)	--	--	--	34,587	--	--	--	--	--	--	--
Barry (AL)	422,737	31	3,007	--	--	--	179	*	29	635	16
Chickasaw (AL)	--	--	-49	--	--	--	--	--	--	--	3
Farley (AL)	--	--	--	--	1,183,219	--	--	--	--	--	--
Gadsden New (AL)	-406	--	--	--	--	--	--	--	--	67	1
Gaston, E C (AL)	761,705	1,358	--	--	--	--	312	2	--	496	15
Gorgas (AL)	689,321	1,161	--	--	--	--	279	2	--	472	13
Greene County (AL)	271,341	206	--	--	--	--	110	*	--	173	1
H Neely Henry Dam (AL)	--	--	--	45,011	--	--	--	--	--	--	--
Harris (AL)	--	--	--	34,703	--	--	--	--	--	--	--
Holt Dam (AL)	--	--	--	29,342	--	--	--	--	--	--	--
Jordan (AL)	--	--	--	77,846	--	--	--	--	--	--	--
Lay Dam (AL)	--	--	--	134,625	--	--	--	--	--	--	--
Lewis Smith Dam (AL)	--	--	--	27,663	--	--	--	--	--	--	--
Logan Martin Dam (AL)	--	--	--	88,978	--	--	--	--	--	--	--
Martin Dam (AL)	--	--	--	75,479	--	--	--	--	--	--	--
Miller (AL)	573,008	873	21,119	--	--	--	225	1	200	1,092	12
Mitchell Dam (AL)	--	--	--	114,996	--	--	--	--	--	--	--
Thurlow Dam (AL)	--	--	--	47,137	--	--	--	--	--	--	--
Walter Bouldin Dam (AL)	--	--	--	156,142	--	--	--	--	--	--	--
Weiss Dam (AL)	--	--	--	48,162	--	--	--	--	--	--	--
Yates Dam (AL)	--	--	--	25,289	--	--	--	--	--	--	--
Alaska Electric G&T	--	--	77	--	--	--	--	--	6	--	--
Soldotna (AK)	--	--	77	--	--	--	--	--	6	--	--
Alaska Electric Lt & Pwr Co	--	42	--	3,379	--	--	--	*	--	--	5
Annex Creek (AK)	--	--	--	2,406	--	--	--	--	--	--	--
Gold Creek (AK)	--	--	--	3	--	--	--	--	--	--	--
Lemon Creek (AK)	--	42	--	--	--	--	--	*	--	--	5
Salmon Creek (AK)	--	--	--	970	--	--	--	--	--	--	--
Salmon Creek 2 (AK)	--	--	--	--	--	--	--	--	--	--	--
Alaska Power Administration	--	--	--	38,038	--	--	--	--	--	--	--
Eklutna (AK)	--	--	--	7,928	--	--	--	--	--	--	--
Snettisham (AK)	--	--	--	30,110	--	--	--	--	--	--	--
Alaska Power And Telephone											
Company	--	3,245	--	32	--	--	--	6	--	--	1
Chistochina (AK)	--	21	--	--	--	--	--	*	--	--	*
Coffman Cove (AK)	--	57	--	--	--	--	--	*	--	--	*
Craig (AK)	--	1,254	--	--	--	--	--	2	--	--	*
Dot Lake (AK)	--	--	--	--	--	--	--	--	--	--	*
Hollis (AK)	--	28	--	--	--	--	--	*	--	--	*
Hydaburg (AK)	--	167	--	--	--	--	--	*	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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 Power And Telephone Company											
Mentasta (AK)	--	29	--	--	--	--	--	*	--	--	*
Skagway (AK)	--	809	--	32	--	--	--	1	--	--	*
Tok (AK)	--	880	--	--	--	--	--	2	--	--	1
Alaska Village Electric Coop, Inc											
Alakanuk (AK)	--	4,299	--	--	--	--	--	8	--	--	63
Ambler (AK)	--	108	--	--	--	--	--	*	--	--	2
Anvik (AK)	--	91	--	--	--	--	--	*	--	--	1
Chevak (AK)	--	35	--	--	--	--	--	*	--	--	1
Eek (AK)	--	119	--	--	--	--	--	*	--	--	2
Elim (AK)	--	46	--	--	--	--	--	*	--	--	1
Emmonak (AK)	--	64	--	--	--	--	--	*	--	--	1
Gambell (AK)	--	212	--	--	--	--	--	*	--	--	2
Goodnews Bay (AK)	--	131	--	--	--	--	--	*	--	--	2
Grayling (AK)	--	45	--	--	--	--	--	*	--	--	1
Holy Cross (AK)	--	47	--	--	--	--	--	*	--	--	1
Hooper Bay (AK)	--	64	--	--	--	--	--	*	--	--	1
Huslia (AK)	--	167	--	--	--	--	--	*	--	--	2
Kaltag (AK)	--	52	--	--	--	--	--	*	--	--	1
Kiana (AK)	--	56	--	--	--	--	--	*	--	--	1
Kivalina (AK)	--	117	--	--	--	--	--	*	--	--	2
Koyuk (AK)	--	89	--	--	--	--	--	*	--	--	1
Lower Kalskag (AK)	--	73	--	--	--	--	--	*	--	--	1
Marshall (AK)	--	85	--	--	--	--	--	*	--	--	1
Mekoryuk (AK)	--	80	--	--	--	--	--	*	--	--	1
Minto (AK)	--	67	--	--	--	--	--	*	--	--	1
Mountain Village (AK)	--	65	--	--	--	--	--	*	--	--	1
New Stuyahok (AK)	--	213	--	--	--	--	--	*	--	--	3
Noatak (AK)	--	78	--	--	--	--	--	*	--	--	1
Noorvik (AK)	--	100	--	--	--	--	--	*	--	--	1
Nulato (AK)	--	129	--	--	--	--	--	*	--	--	2
Nunapitchuk (AK)	--	91	--	--	--	--	--	*	--	--	2
Old Harbor (AK)	--	182	--	--	--	--	--	*	--	--	2
Pilot Station (AK)	--	61	--	--	--	--	--	*	--	--	*
Quinhagak (AK)	--	101	--	--	--	--	--	*	--	--	1
Russion Mission (AK)	--	96	--	--	--	--	--	*	--	--	1
Savoonga (AK)	--	53	--	--	--	--	--	*	--	--	1
Scammon Bay (AK)	--	125	--	--	--	--	--	*	--	--	2
Selawik (AK)	--	86	--	--	--	--	--	*	--	--	1
Shageluk (AK)	--	126	--	--	--	--	--	*	--	--	2
Shaktolik (AK)	--	30	--	--	--	--	--	*	--	--	1
Shishmaref (AK)	--	56	--	--	--	--	--	*	--	--	1
Shungnak (AK)	--	120	--	--	--	--	--	*	--	--	2
St Marys (AK)	--	103	--	--	--	--	--	*	--	--	2
St Michael (AK)	--	235	--	--	--	--	--	*	--	--	3
Stebbins (AK)	--	75	--	--	--	--	--	*	--	--	1
Togiak (AK)	--	87	--	--	--	--	--	*	--	--	2
Toksook Bay (AK)	--	132	--	--	--	--	--	*	--	--	2
Tununak (AK)	--	93	--	--	--	--	--	*	--	--	1
Wales (AK)	--	66	--	--	--	--	--	*	--	--	1
Wales (AK)	--	48	--	--	--	--	--	*	--	--	1
Albany City Of											
Albany (MO)	--	--	--	--	--	--	--	--	--	--	*
Alexandria Bd Of Public Works											
Alexandria (MN)	--	--	--	--	--	--	--	--	--	--	--
Alexandria Elec Lt & Pr Dept											
Hunter, D G (LA)	--	--	--	--	--	--	--	--	--	--	18
Algona Municipal Utilities											
Algona (IA)	--	7	--	--	--	--	--	*	--	--	2
Algona (IA)	--	7	--	--	--	--	--	*	--	--	2
Allegheny Electric Coop											
Raystown (PA)	--	--	--	14,819	--	--	--	--	--	--	--
Raystown (PA)	--	--	--	14,819	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Alta Mun Elec Lt & Pwr Plt Sys ...	--	-3	--	--	--	--	--	--	--	--	*
Alta (IA)	--	-3	--	--	--	--	--	--	--	--	*
American Municipal Power-Ohio											
Inc	119,463	--	622	--	--	--	75	--	8	104	--
Richard Gorsuch (OH)	119,463	--	622	--	--	--	75	--	8	104	--
Ames, City Of	24,686	64	--	--	--	--	15	*	--	14	3
Ames (IA)	24,686	64	--	--	--	--	15	*	--	14	1
Ames Gt (IA)	--	--	--	--	--	--	--	--	--	--	2
Anchorage Mun Lt & Pwr Dept	--	--	74,261	--	--	--	--	--	785	--	41
Anchorage (AK)	--	--	--	--	--	--	--	--	--	--	*
GMS 2 (AK)	--	--	74,261	--	--	--	--	--	785	--	41
Aniak Light & Power Company,											
Inc	--	205	--	--	--	--	--	*	--	--	1
Aniak (AK)	--	205	--	--	--	--	--	*	--	--	1
Anita Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Anita (IA)	--	--	--	--	--	--	--	--	--	--	--
Ansley Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Ansley (NE)	--	--	--	--	--	--	--	--	--	--	--
Anthony City Of	--	5	137	--	--	--	--	*	3	--	*
Anthony (KS)	--	5	137	--	--	--	--	*	3	--	*
Appalachian Power Co (AEP)	1,630,024	5,392	--	107,147	--	--	623	9	--	2,960	60
Amos, John E (WV)	798,844	3,505	--	--	--	--	312	6	--	1,699	15
Buck (VA)	--	--	--	6,426	--	--	--	--	--	--	--
Byllesby 2 (VA)	--	--	--	9,062	--	--	--	--	--	--	--
Claytor (VA)	--	--	--	31,337	--	--	--	--	--	--	--
Clinch River (VA)	398,190	386	--	--	--	--	145	1	--	371	1
Glen Lyn (VA)	195,022	498	--	--	--	--	76	1	--	64	3
Kanawha River (WV)	91,547	108	--	--	--	--	34	*	--	230	*
Leesville (VA)	--	--	--	8,568	--	--	--	--	--	--	--
London (WV)	--	--	--	11,031	--	--	--	--	--	--	--
Marmet (WV)	--	--	--	10,247	--	--	--	--	--	--	--
Mountaineer (WV)	146,421	895	--	--	--	--	56	1	--	596	40
Niagara (VA)	--	--	--	1,637	--	--	--	--	--	--	--
Reusens (VA)	--	--	--	3,568	--	--	--	--	--	--	--
Smith Mountain (VA)	--	--	--	12,192	--	--	--	--	--	--	--
Winfield (WV)	--	--	--	13,079	--	--	--	--	--	--	--
Arcadia Mun Electric Utility	--	46	35	--	--	--	--	*	*	--	1
Arcadia (WI)	--	46	35	--	--	--	--	*	*	--	1
Arcanum Water & Light Plant	--	--	--	--	--	--	--	--	--	--	*
Arcanum (OH)	--	--	--	--	--	--	--	--	--	--	*
Argyle Municipal Elec & Water											
Dept	--	--	--	--	--	--	--	--	--	--	--
Argyle (WI)	--	--	--	--	--	--	--	--	--	--	--
Arizona Electric Pwr Coop, Inc	186,312	--	3,612	--	--	--	97	--	41	82	--
Apache Station (AZ)	186,312	--	3,612	--	--	--	97	--	41	82	--
Arizona Public Service Company 1,594,548		901	37,394	2,776	2,707,002	--	898	2	399	1,628	200
Childs (AZ)	--	--	--	1,904	--	--	--	--	--	--	--
Cholla (AZ)	593,026	699	368	--	--	--	320	1	4	985	9
Fairview (AZ)	--	200	--	--	--	--	--	1	--	--	8
Four Corners (NM)	1,001,522	--	3,103	--	--	--	578	--	30	642	--
Irving (AZ)	--	--	--	872	--	--	--	--	--	--	--
Ocotillo (AZ)	--	--	1	--	--	--	--	--	1	--	37
Palo Verde (AZ)	--	--	--	--	2,707,002	--	--	--	--	--	--
Phoenix (AZ)	--	--	32,325	--	--	--	--	--	335	--	48
Saguaro (AZ)	--	--	450	--	--	--	--	--	7	--	39

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Arizona Public Service Company											
Yucca (AZ)	--	--	--	--	--	--	--	--	--	--	--
Yuma Axis (AZ)	--	2	1,147	--	--	--	--	*	21	--	58
Arkansas Electric Coop Corp	--	--	--	935	--	--	--	--	--	--	--
Bailey (AR)	--	--	--	--	--	--	--	--	--	--	--
Clyde Ellis (AR)	--	--	--	935	--	--	--	--	--	--	--
Fitzhugh (AR)	--	--	--	--	--	--	--	--	--	--	--
Mc Clellan (AR)	--	--	--	--	--	--	--	--	--	--	--
Arkansas Power & Light Co											
(MSU)	1,481,594	2,977	23,979	21,888	1,295,603	--	905	6	322	1,121	265
Arkansas Nuclear One(AR)	--	--	--	--	1,295,603	--	--	--	--	--	--
Blytheville (AR)	--	44	--	--	--	--	--	*	--	--	30
Carpenter (AR)	--	--	--	16,126	--	--	--	--	--	--	--
Couch, Harvey (AR)	--	--	25,335	--	--	--	--	--	322	--	5
Independence (AR)	688,902	3,183	--	--	--	--	410	6	--	326	30
L Catherine (AR)	--	--	-379	--	--	--	--	--	--	--	39
Lynch, Cecil (AR)	--	-223	--	--	--	--	--	--	--	--	6
Mablevale (AR)	--	--	--	--	--	--	--	--	--	--	9
Moses, Ham (AR)	--	-257	--	--	--	--	--	--	--	--	5
Rommel (AR)	--	--	--	5,762	--	--	--	--	--	--	--
Ritchie, R E (AR)	--	--	-977	--	--	--	--	--	--	--	103
White Bluff (AR)	792,692	230	--	--	--	--	495	*	--	795	38
Arnold Municipal Plant	--	--	--	--	--	--	--	--	--	--	*
Arnold (NE)	--	--	--	--	--	--	--	--	--	--	,
Ashland, City Of	--	--	--	--	--	--	--	--	--	--	1
Ashland (KS)	--	--	--	--	--	--	--	--	--	--	1
Associated Electric Coop, Inc	614,430	1,996	--	--	--	--	289	7	--	1,960	21
New Madrid (MO)	610,086	44	--	--	--	--	285	*	--	612	1
Thomas Hill (MO)	4,344	1,952	--	--	--	--	4	6	--	1,347	4
Unionville (MO)	--	--	--	--	--	--	--	*	--	--	16
Atlantic City Electric Co (ACE)	163,905	7,883	2,421	--	--	--	69	15	36	215	437
* Central Storage *	--	--	--	--	--	--	--	--	--	--	139
Carlis Corner (NJ)	--	59	--	--	--	--	--	1	--	--	8
Cedar (NJ)	--	47	--	--	--	--	--	*	--	--	9
Cumberland St (NJ)	--	--	-61	--	--	--	--	--	*	--	13
Deepwater (NJ)	26,681	666	30	--	--	--	12	2	*	43	105
England, B L (NJ)	137,224	7,106	--	--	--	--	57	12	--	172	119
Mickleton Street (NJ)	--	--	210	--	--	--	--	--	6	--	11
Middle (NJ)	--	10	--	--	--	--	--	*	--	--	11
Missouri Avenue (NJ)	--	-22	--	--	--	--	--	*	--	--	8
Sherman Avenue (NJ)	--	17	2,242	--	--	--	--	*	30	--	13
Atlantic Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Atlantic (IA)	--	--	--	--	--	--	--	--	--	--	1
Attica City Of	--	--	--	--	--	--	--	--	--	--	--
Attica (KS)	--	--	--	--	--	--	--	--	--	--	--
Auburn City Of	--	--	-137	--	--	--	--	--	--	--	1
Auburn (NE)	--	--	-137	--	--	--	--	--	--	--	1
Augusta City Of	--	-41	2	--	--	--	--	*	*	--	*
Plant No 1 (KS)	--	-41	--	--	--	--	--	--	--	--	*
Plant No 2 (KS)	--	--	2	--	--	--	--	*	*	--	*
Augusta Light And Water Plant ...	--	--	--	--	--	--	--	--	--	--	--
Fairbanks (AR)	--	--	--	--	--	--	--	--	--	--	--
Austin Electric Dept	--	1	99,028	--	--	17	--	*	1,108	--	209
Decker Creek (TX)	--	--	93,218	--	--	17	--	--	1,033	--	88
Holly Street (TX)	--	1	5,965	--	--	--	--	*	76	--	118
Seaholm (TX)	--	--	-155	--	--	--	--	--	--	--	3

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Austin Utilities	--	--	--	--	--	--	--	--	--	25	--
Northeast Station (MN)	--	--	--	--	--	--	--	--	--	25	--
Baldwin City Of	--	3	2	--	--	--	--	*	*	--	*
Attica (KS)	--	3	2	--	--	--	--	*	*	--	*
Baltimore Gas & Electric Co	956,674	8,178	12,383	--	1,284,586	--	378	22	159	966	528
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Brandon (MD)	656,509	2,801	--	--	--	--	257	5	--	504	3
Calvert Cliffs (MD)	--	--	--	--	1,284,586	--	--	--	--	--	--
Crane, C P (MD)	149,542	1,289	--	--	--	--	60	2	--	199	4
Gould Street (MD)	--	910	--	--	--	--	--	4	--	--	34
Notch Cliff (MD)	--	--	117	--	--	--	--	--	2	--	--
Perryman (MD)	--	48	--	--	--	--	--	1	--	--	56
Philadelphia Road (MD)	--	111	--	--	--	--	--	*	--	--	10
Riverside (MD)	--	211	611	--	--	--	--	2	37	--	125
Wagner, H A (MD)	150,623	1,713	11,452	--	--	--	61	3	115	263	263
Westport (MD)	--	1,095	203	--	--	--	--	5	5	--	32
Bancroft Mun Electric Plant	--	--	--	--	--	--	--	--	--	--	--
Bancroft (IA)	--	--	--	--	--	--	--	--	--	--	--
Bangor Hydro Electric Co	--	965	--	13,358	--	--	--	2	--	--	3
Bar Harbor (ME)	--	64	--	--	--	--	--	*	--	--	1
Eastport (ME)	--	81	--	--	--	--	--	*	--	--	1
Ellsworth (ME)	--	--	--	1,485	--	--	--	--	--	--	--
Graham Station (ME)	--	757	--	--	--	--	--	2	--	--	1
Howland (ME)	--	--	--	318	--	--	--	--	--	--	--
Medway (ME)	--	63	--	2,109	--	--	--	*	--	--	1
Milford (ME)	--	--	--	2,954	--	--	--	--	--	--	--
Orono (ME)	--	--	--	990	--	--	--	--	--	--	--
Stillwater (ME)	--	--	--	1,132	--	--	--	--	--	--	--
Veazie (ME)	--	--	--	--	--	--	--	--	--	--	--
Veazie A (ME)	--	--	--	4,370	--	--	--	--	--	--	--
Barron Light & Water Dept	--	2	--	26	--	--	--	*	--	--	*
Barron (WI)	--	2	--	26	--	--	--	*	--	--	*
Barrow Utils & Elec Coop Inc	--	1	4,137	--	--	--	--	*	65	--	*
Barrow (AK)	--	1	4,137	--	--	--	--	*	65	--	*
Barton Village Electric Dept	--	--	--	454	--	--	--	--	--	--	*
W. Charleston (VT)	--	--	--	454	--	--	--	--	--	--	*
Basin Electric Pwr Coop, Inc	2,014,828	4,202	--	--	--	--	1,516	8	--	1,315	29
Antelope Valley (ND)	622,294	8	--	--	--	--	524	*	--	162	6
Laramie River (WY)	1,001,482	3,920	--	--	--	--	654	7	--	794	6
Leland Olds (ND)	391,052	274	--	--	--	--	338	1	--	359	3
Sprnt Mound (SD)	--	--	--	--	--	--	--	--	--	--	14
Baudette Light & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Baudette (MN)	--	--	--	--	--	--	--	--	--	--	--
Beaver City Corporation	--	--	--	353	--	--	--	--	--	--	--
Beaver Lower (UT)	--	--	--	15	--	--	--	--	--	--	--
Beaver Upper (UT)	--	--	--	152	--	--	--	--	--	--	--
Beaver 3 (UT)	--	--	--	186	--	--	--	--	--	--	--
Beaver City Of	--	--	--	--	--	--	--	--	--	--	*
Beaver City (NE)	--	--	--	--	--	--	--	--	--	--	*
Bedford Electric Dept	--	--	--	3,105	--	--	--	--	--	--	--
Snowden (VA)	--	--	--	3,105	--	--	--	--	--	--	--
Bellevue City Of	--	65	608	--	--	--	--	*	6	--	2
Belleville (KS)	--	65	608	--	--	--	--	*	6	--	2
Bellevue Municipal Utilities	--	7	--	--	--	--	--	*	*	--	*
Bellevue (IA)	--	7	--	--	--	--	--	*	*	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Beloit City Of	--	--	--	--	--	--	--	--	--	--	*
Beloit (KS)	--	--	--	--	--	--	--	--	--	--	*
Benkelman City Of	--	--	--	--	--	--	--	--	--	--	--
Benkelman (NE)	--	--	--	--	--	--	--	--	--	--	--
Benson Water Light Heat & Pwr Plt	--	--	--	--	--	--	--	--	--	--	--
Benson (MN)	--	--	--	--	--	--	--	--	--	--	--
Berlin Electric Light Plant	--	94	--	--	--	--	--	*	--	--	1
Berlin (MD)	--	94	--	--	--	--	--	*	--	--	1
Bethany City	--	20	--	--	--	--	--	*	--	--	1
Bethany (MO)	--	20	--	--	--	--	--	*	--	--	1
Bethel Utilities Commission	--	3,032	--	--	--	--	--	5	--	--	--
Bethel (AK)	--	3,032	--	--	--	--	--	5	--	--	--
Bettles Light & Power Inc	--	97	--	--	--	--	--	*	--	--	1
Bettles (AK)	--	97	--	--	--	--	--	*	--	--	1
Big Rivers Electric Corporation ...	864,978	-998	526	--	--	--	403	1	6	860	23
Coleman (KY)	160,163	--	526	--	--	--	76	--	6	185	2
Green (KY)	287,972	152	--	--	--	--	144	*	--	267	1
Henderson li (KY)	131,479	137	--	--	--	--	56	*	--	--	1
Reid, Robert (KY)	--	-1,546	--	--	--	--	--	*	--	119	9
Wilson (KY)	285,364	259	--	--	--	--	127	*	--	289	10
Black Hills Corp	44,581	63	--	--	--	--	43	*	--	13	19
French, Ben (SD)	--	--	--	--	--	--	--	--	--	3	19
Kirk (SD)	10,310	--	--	--	--	--	10	--	--	4	--
Osage (WY)	22,507	--	--	--	--	--	23	--	--	5	--
Simpson, Neil (WY)	11,764	63	--	--	--	--	10	*	--	--	*
Black River Falls, City Of	--	--	--	1,092	--	--	--	--	--	--	--
Black River Falls (WI)	--	--	--	1,092	--	--	--	--	--	--	--
Block Island Power Co	--	440	--	--	--	--	--	1	--	--	2
Block Island (RI)	--	440	--	--	--	--	--	1	--	--	2
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	--	--	--	90	--	--	--	--	--	--	--
Sharp Falls (NC)	--	--	--	90	--	--	--	--	--	--	--
Bluffton Utilities	--	6	408	--	--	--	--	*	1	--	2
Bluffton (IN)	--	6	408	--	--	--	--	*	1	--	2
Bonnars Ferry City Of (Lt & Wtr Dpt)	--	--	--	998	--	--	--	--	--	--	--
Moyie (ID)	--	--	--	998	--	--	--	--	--	--	--
Boston Edison Company	--	489,565	2,578	--	493,387	--	--	795	26	--	519
Edgar (MA)	--	75	--	--	--	--	--	*	--	--	1
Framingham (MA)	--	129	--	--	--	--	--	*	--	--	2
L Street (MA)	--	49	--	--	--	--	--	*	--	--	1
Mystic (MA)	--	208,540	1,673	--	--	--	--	375	18	--	486
New Boston (MA)	--	280,485	905	--	--	--	--	418	8	--	23
Pilgrim (MA)	--	--	--	--	493,387	--	--	--	--	--	--
West Medway (MA)	--	287	--	--	--	--	--	1	--	--	7

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Bountiful City Light & Power	--	88	1,673	--	--	--	--	*	16	--	1
Bountiful (UT)	--	88	1,673	--	--	--	--	*	16	--	1
Echo Dam (UT)	--	--	--	--	--	--	--	--	--	--	--
Pine View Dam (UT)	--	--	--	--	--	--	--	--	--	--	--
Brady Water & Light Works	--	13	--	--	--	--	--	*	--	--	1
Brady (TX)	--	13	--	--	--	--	--	*	--	--	1
Braintree Electric Light Dept	--	--	--	--	--	--	--	--	--	--	12
Potter Station (MA)	--	--	--	--	--	--	--	--	--	--	12
Brazos Elec Pwr Coop, Inc	--	--	146,028	--	--	--	--	--	1,534	--	110
Miller, R W (TX)	--	--	143,211	--	--	--	--	--	1,494	--	100
North Texas (TX)	--	--	2,817	--	--	--	--	--	40	--	10
Brazos River Authority	--	--	--	1,023	--	--	--	--	--	--	--
M Sheppard (TX)	--	--	--	1,023	--	--	--	--	--	--	--
Breese City Of	--	20	--	--	--	--	--	*	--	--	1
Breese (IL)	--	20	--	--	--	--	--	*	--	--	1
Brigham City Corporation	--	--	--	363	--	--	--	--	--	--	--
Brigham City (UT)	--	--	--	91	--	--	--	--	--	--	--
Brigham 2 (UT)	--	--	--	272	--	--	--	--	--	--	--
Broken Bow Mun Utilities	--	32	236	--	--	--	--	*	3	--	*
Broken Bow (NE)	--	32	236	--	--	--	--	*	3	--	*
Brooklyn Mun Utilities	--	4	--	--	--	--	--	*	--	--	*
Brooklyn (IA)	--	4	--	--	--	--	--	*	--	--	*
Brownfield Mun Pr & Lt Plant	--	10	2	--	--	--	--	*	1	--	*
Brownfield (TX)	--	10	2	--	--	--	--	*	1	--	*
Brownsville City Of (Pub Utils Brd)	--	--	7,507	--	--	--	--	--	115	--	28
Brownsville (TX)	--	--	7,507	--	--	--	--	--	115	--	28
Bryan City Of	--	5,418	41,007	--	--	--	--	10	447	--	77
Bryan (TX)	--	53	7,770	--	--	--	--	*	98	--	40
Dansby (TX)	--	5,365	33,237	--	--	--	--	10	349	--	37
Bryan Municipal Light & Water Works	--	20	46	--	--	--	--	*	1	--	8
Bryan (OH)	--	20	46	--	--	--	--	*	1	--	8
Bryant Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Bryant (SD)	--	--	--	--	--	--	--	--	--	--	--
Buhl Public Utilities Dept	--	--	--	--	--	--	--	--	--	--	--
Buhl (MN)	--	--	--	--	--	--	--	--	--	--	--
Burbank Public Service Department	--	6	12,264	--	--	--	--	*	147	--	63
Magnolia (CA)	--	--	-158	--	--	--	--	*	3	--	61
Olive (CA)	--	6	12,422	--	--	--	--	*	143	--	2
Burlingame City Of	--	--	9	--	--	--	--	--	*	--	--
Burlingame (KS)	--	--	9	--	--	--	--	--	*	--	--
Burlington City Of	--	4	23	--	--	--	--	*	*	--	1
Burlington (KS)	--	4	23	--	--	--	--	*	*	--	1
Burlington City Of	--	--	--	--	--	--	--	--	--	--	--
Burlington (CO)	--	--	--	--	--	--	--	--	--	--	--
Burlington Electric Light Dept	--	170	94	--	--	11,347	--	*	1	--	3
Burlington (VT)	--	--	--	--	--	--	--	--	--	--	1
J C McNeil (VT)	--	170	94	--	--	11,347	--	*	1	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Burwell Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Burwell (NE)	--	--	--	--	--	--	--	--	--	--	--
Bushnell Mun Elec Lt & Pwr Util ..	--	--	--	--	--	--	--	--	--	--	1
Bushnell (IL)	--	--	--	--	--	--	--	--	--	--	1
Butler Light & Water Service	--	--	--	--	--	--	--	--	--	--	*
Butler (MO)	--	--	--	--	--	--	--	--	--	--	*
Ca State Dept Of Water											
Resources	--	--	--	-132,024	--	-116	--	--	--	--	--
Alamo (CA)	--	--	--	209	--	--	--	--	--	--	--
Bottle Rock (CA)	--	--	--	--	--	-116	--	--	--	--	--
Devil Canyon (CA)	--	--	--	29,803	--	--	--	--	--	--	--
Edw Hyatt (CA)	--	--	--	665	--	--	--	--	--	--	--
San Luis (CA)	--	--	--	-182,009	--	--	--	--	--	--	--
Thermal Div (CA)	--	--	--	1,856	--	--	--	--	--	--	--
Thermalito (CA)	--	--	--	-972	--	--	--	--	--	--	--
W E Warne (CA)	--	--	--	18,424	--	--	--	--	--	--	--
Cajun Elec Power Coop Inc	755,904	2,032	-656	--	--	--	497	4	2	706	25
Big Cajun 1 (LA)	--	--	-656	--	--	--	--	--	2	--	14
Big Cajun 2 (LA)	755,904	2,032	--	--	--	--	497	4	--	706	11
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)	954,130	489	--	--	--	--	386	1	--	898	33
Cardinal (OH)	954,130	489	--	--	--	--	386	1	--	898	33
Carlyle Municipal Utilities	--	9	--	--	--	--	--	*	*	--	*
Carlyle (IL)	--	9	--	--	--	--	--	*	*	--	*
Carmi Light & Water	--	6	10	--	--	--	--	*	*	--	1
Carmi (IL)	--	6	10	--	--	--	--	*	*	--	1
Carolina Power & Light Co	2,310,544	6,261	152	124,346	1,178,777	--	915	13	6	2,426	171
Asheville (NC)	215,089	110	--	--	--	--	79	*	--	107	1
Blewett (NC)	--	36	--	17,583	--	--	--	*	--	--	6
Brunswick (NC)	--	--	--	--	-12,540	--	--	--	--	--	--
Cape Fear (NC)	67,840	139	--	--	--	--	26	*	--	114	15
Darlington County (SC)	--	461	152	--	--	--	--	1	6	--	80
Harris (NC)	--	--	--	--	645,579	--	--	--	--	--	--
Lee (NC)	124,361	538	--	--	--	--	50	1	--	164	21
Marshall (NC)	--	--	--	2,801	--	--	--	--	--	--	--
Mayo (NC)	377,206	1,370	--	--	--	--	155	2	--	302	5
Morehead (NC)	--	-5	--	--	--	--	--	*	--	--	1
Robinson, H B (SC)	67,571	155	--	--	545,738	--	27	*	--	71	3
Roxboro (NC)	1,327,409	2,154	--	--	--	--	523	4	--	1,343	13
Sutton (NC)	117,471	1,117	--	--	--	--	48	2	--	241	12
Tillery (NC)	--	--	--	39,123	--	--	--	--	--	--	--
Walters (NC)	--	--	--	64,839	--	--	--	--	--	--	--
Weatherspoon (NC)	13,597	186	--	--	--	--	7	1	--	83	14
Carrollton Municipal Utilities	--	5	6	--	--	--	--	*	*	--	5
Carrollton (MO)	--	5	6	--	--	--	--	*	*	--	5
Carthage Water & Elec Plant	--	-4	-31	--	--	--	--	*	*	--	4
Carthage (MO)	--	-4	-31	--	--	--	--	*	*	--	4

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Cascade Mun Elec Plant	--	--	--	--	--	--	--	--	--	--	*
Cascade (IA)	--	--	--	--	--	--	--	--	--	--	*
Cascade Power Company	--	--	--	557	--	--	--	--	--	--	--
Brevard (NC)	--	--	--	557	--	--	--	--	--	--	--
Cashton Light & Water Plant	--	--	--	--	--	--	--	--	--	--	--
Cashton (WI)	--	--	--	--	--	--	--	--	--	--	--
Cedar Falls Utilities	1,817	--	-28	--	--	--	1	--	*	29	5
Cedar Falls Gt (IA)	1,817	--	18	--	--	--	1	--	*	29	--
Streeter (IA)	--	--	-46	--	--	--	--	--	--	--	5
Center Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Center (CO)	--	--	--	--	--	--	--	--	--	--	--
Central Electric Power Coop	27,678	11	--	--	--	--	13	*	--	34	*
Chamois (MO)	27,678	11	--	--	--	--	13	*	--	34	*
Central Hudson Gas & Elec Corp	198,199	477,340	4,951	16,792	--	--	75	735	48	196	790
Coxsackie (NY)	--	--	10	--	--	--	--	--	*	--	3
Danskammer (NY)	198,199	14	1,820	--	--	--	75	*	17	196	15
Dashville (NY)	--	--	--	1,641	--	--	--	--	--	--	--
High Falls (NY)	--	--	--	1,064	--	--	--	--	--	--	--
Neversink (NY)	--	--	--	4,631	--	--	--	--	--	--	--
Roseton (NY)	--	477,232	3,121	--	--	--	--	735	30	--	770
South Cairo (NY)	--	94	--	--	--	--	--	*	--	--	2
Sturgeon Pool (NY)	--	--	--	9,456	--	--	--	--	--	--	--
Central Illinois Light Co	464,598	1,140	84	--	--	--	200	2	1	193	1
Duck Creek (IL)	215,904	55	--	--	--	--	101	*	--	118	1
E D Edwards (IL)	248,694	1,085	--	--	--	--	100	2	--	76	*
Sterling Avenue (IL)	--	--	84	--	--	--	--	--	1	--	--
Central Illinois Public Service Co	761,649	6,104	--	--	--	--	382	12	--	853	43
Coffeen (IL)	281,191	35	--	--	--	--	154	*	--	200	4
Grand Tower (IL)	44,025	176	--	--	--	--	20	*	--	72	1
Hutsonville (IL)	22,891	230	--	--	--	--	12	*	--	124	2
Meredosia (IL)	65,727	265	--	--	--	--	31	*	--	141	29
Newton (IL)	347,815	5,398	--	--	--	--	166	10	--	317	8
Central Iowa Power Coop	22,266	6	--	--	--	--	12	*	--	88	3
Fair Station (IA)	22,266	--	--	--	--	--	12	--	--	88	--
Summit Lake (IA)	--	6	--	--	--	--	--	*	--	--	3
Central Louisiana Elec Co, Inc	710,510	--	106,959	--	--	--	503	--	1,094	647	209
Coughlin (LA)	--	--	1,646	--	--	--	--	--	26	--	49
Dolet Hills (LA)	431,852	--	358	--	--	--	331	--	4	246	--
Franklin (LA)	--	--	--	--	--	--	--	--	*	--	--
Rodemacher (LA)	278,658	--	-537	--	--	--	173	--	3	400	118
Teche (LA)	--	--	105,492	--	--	--	--	--	1,062	--	42
Central Maine Power Company	--	25,173	--	106,376	--	--	--	56	--	--	607
Andro Lower (ME)	--	--	--	-19	--	--	--	--	--	--	--
Androscoggin 3 (ME)	--	--	--	1,946	--	--	--	--	--	--	--
Automatic (ME)	--	--	--	41	--	--	--	--	--	--	--
Bar Mills (ME)	--	--	--	1,417	--	--	--	--	--	--	--
Bates Lower (ME)	--	--	--	-30	--	--	--	--	--	--	--
Bates Upper (ME)	--	--	--	-14	--	--	--	--	--	--	--
Bonny Eagle (ME)	--	--	--	3,111	--	--	--	--	--	--	--
Brassua (ME)	--	--	--	--	--	--	--	--	--	--	--
Brunswick (ME)	--	--	--	5,620	--	--	--	--	--	--	--
C. E. Monty (ME)	--	--	--	6,965	--	--	--	--	--	--	--
Cape (ME)	--	-59	--	--	--	--	--	*	--	--	11
Cataract (ME)	--	--	--	3,575	--	--	--	--	--	--	--
Continental Mills (ME)	--	--	--	-10	--	--	--	--	--	--	--
Deer Rips (ME)	--	--	--	2,097	--	--	--	--	--	--	--
Fort Halifax (ME)	--	--	--	244	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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											
Gulf Island (ME)	--	--	--	7,592	--	--	--	--	--	--	--
Harris (ME)	--	--	--	13,622	--	--	--	--	--	--	--
Hill Mili (ME)	--	--	--	1	--	--	--	--	--	--	--
Hiram (ME)	--	--	--	3,200	--	--	--	--	--	--	--
Islesboro (ME)	--	--	--	--	--	--	--	--	--	--	--
Mason (ME)	--	--	--	--	--	--	--	--	--	--	--
North Gorham (ME)	--	--	--	856	--	--	--	--	--	--	--
Oakland (ME)	--	--	--	162	--	--	--	--	--	--	--
Peaks Island (ME)	--	--	--	--	--	--	--	--	--	--	--
Rice Riis (ME)	--	--	--	87	--	--	--	--	--	--	--
Shawmut (ME)	--	--	--	4,093	--	--	--	--	--	--	--
Skelton (ME)	--	--	--	6,998	--	--	--	--	--	--	--
Union Gas (ME)	--	--	--	109	--	--	--	--	--	--	--
West Buxton (ME)	--	--	--	2,098	--	--	--	--	--	--	--
West Channel (MA)	--	--	--	-19	--	--	--	--	--	--	--
Weston (ME)	--	--	--	7,064	--	--	--	--	--	--	--
Williams (ME)	--	--	--	8,456	--	--	--	--	--	--	--
Wyman Hydro (ME)	--	--	--	27,114	--	--	--	--	--	--	--
Wyman, W F (ME)	--	25,232	--	--	--	--	--	56	--	--	596
Central Nebraska Pub Pwr & Irr											
Dist	--	--	-21	20,876	--	--	--	--	3	--	80
Canaday (NE)	--	--	-21	--	--	--	--	--	3	--	80
Jeffrey Canyon (NE)	--	--	--	6,416	--	--	--	--	--	--	--
Johnson No 1 (NE)	--	--	--	5,384	--	--	--	--	--	--	--
Johnson No 2 (NE)	--	--	--	6,843	--	--	--	--	--	--	--
Kingsley (NE)	--	--	--	2,233	--	--	--	--	--	--	--
Central Operating Company											
(AEP)	186,435	2,944	--	--	--	--	73	5	--	883	21
Sporn, Phil (WV)	186,435	2,944	--	--	--	--	73	5	--	883	21
Central Power & Light Co (CSW)											
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Bates, J L (TX)	--	--	51,352	--	--	--	--	--	524	--	40
Coleto Creek (TX)	417,749	8	--	--	--	--	190	*	--	330	9
Davis, Barney M (TX)	--	274	214,835	--	--	--	--	*	2,143	--	137
Eagle Pass (TX)	--	--	--	2,380	--	--	--	--	--	--	--
Hill, Lon C (TX)	--	--	85,041	--	--	--	--	--	883	--	66
Joslin, E S (TX)	--	--	4,726	--	--	--	--	--	54	--	51
La Palma (TX)	--	--	59,527	--	--	--	--	--	607	--	43
Laredo (TX)	--	1,315	40,334	--	--	--	--	3	439	--	21
Nueces Bay (TX)	--	--	55,189	--	--	--	--	--	580	--	62
Victoria (TX)	--	--	3,370	--	--	--	--	--	42	--	53
Central Vermont Pub Serv Corp											
Arnold Falls (VT)	--	-56	--	17,703	--	--	--	--	--	--	6
Ascutney (VT)	--	-27	--	143	--	--	--	--	--	--	--
Bradford (VT)	--	--	--	252	--	--	--	--	--	--	2
Carver Falls (NY)	--	--	--	757	--	--	--	--	--	--	--
Cavendish (VT)	--	--	--	593	--	--	--	--	--	--	--
Clarks Falls (VT)	--	--	--	1,426	--	--	--	--	--	--	--
East Barnet (VT)	--	--	--	547	--	--	--	--	--	--	--
Fairfax Falls (VT)	--	--	--	1,980	--	--	--	--	--	--	--
Gage (VT)	--	--	--	223	--	--	--	--	--	--	--
Glen (VT)	--	--	--	778	--	--	--	--	--	--	--
Lower Middlebury (VT)	--	--	--	996	--	--	--	--	--	--	--
Milton (VT)	--	--	--	3,316	--	--	--	--	--	--	--
Passumpsic (VT)	--	--	--	387	--	--	--	--	--	--	--
Patch (VT)	--	--	--	75	--	--	--	--	--	--	--
Peterson (VT)	--	--	--	2,207	--	--	--	--	--	--	--
Pierce Mills (VT)	--	--	--	158	--	--	--	--	--	--	--
Pittsford (VT)	--	--	--	1,200	--	--	--	--	--	--	--
Rutland (VT)	--	-20	--	--	--	--	--	--	--	--	3
Salisbury (VT)	--	--	--	326	--	--	--	--	--	--	--
Silver Lake (VT)	--	--	--	557	--	--	--	--	--	--	--
St. Albans (VT)	--	-9	--	--	--	--	--	--	--	--	*

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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 Vermont Pub Serv Corp											
Taftsville (VT)	--	--	--	131	--	--	--	--	--	--	--
Weybridge (VT)	--	--	--	1,651	--	--	--	--	--	--	--
Centralia Mun Hydro-Elec Plant ...											
Centralia (WA)	--	--	--	280	--	--	--	--	--	--	--
Champion International											
Lake Creek (MT)	--	--	--	561	--	7,406	--	--	--	--	--
Libby (MT)	--	--	--	--	--	7,406	--	--	--	--	--
Chanute City Of											
Chanute (KS)	--	1	-143	--	--	--	--	*	*	--	1
Chanute 2 (KS)	--	--	-25	--	--	--	--	--	--	--	*
Chanute 3 (KS)	--	1	13	--	--	--	--	*	*	--	*
Chanute 3 (KS)	--	--	-131	--	--	--	--	--	--	--	*
Chappell City Of											
Chappell (NE)	--	--	--	--	--	--	--	--	--	--	--
Chelan County P U D No 1											
Chelan (WA)	--	--	--	772,543	--	--	--	--	--	--	--
Rock Island (WA)	--	--	--	37,068	--	--	--	--	--	--	--
Rocky Reach (WA)	--	--	--	223,963	--	--	--	--	--	--	--
Rocky Reach (WA)	--	--	--	511,512	--	--	--	--	--	--	--
Cheyenne Lt. Fuel & Power Co ...											
Snyder (WY)	--	--	--	--	--	--	--	--	--	--	--
Chillicothe Municipal Utilities											
Beardmore (MO)	3,321	19	8	--	--	--	2	*	*	1	8
Beardmore (MO)	3,321	19	8	--	--	--	2	*	*	1	8
Chugach Electric Assn, Inc											
Beluga (AK)	--	--	180,862	1,783	--	--	--	--	1,925	--	10
Beluga (AK)	--	--	174,289	--	--	--	--	--	1,782	--	--
Bernice Lake (AK)	--	--	6,520	--	--	--	--	--	142	--	3
Cooper Lake (AK)	--	--	--	1,783	--	--	--	--	--	--	--
International (AK)	--	--	53	--	--	--	--	--	1	--	7
Cincinnati Gas & Electric Co											
Beckjord, Walter C (OH)	1,846,607	7,467	-798	--	--	--	755	14	14	1,694	184
Beckjord, Walter C (OH)	321,970	1,144	--	--	--	--	137	2	--	307	24
Dicks Creek (OH)	--	14	-131	--	--	--	--	*	3	--	3
East Bend (KY)	257,032	448	--	--	--	--	116	1	--	208	5
Miami Fort (OH)	368,724	1,552	--	--	--	--	159	3	--	575	23
W. H. Zimmer ()	898,881	4,309	--	--	--	--	344	7	--	604	31
Woodsdale (OH)	--	--	-667	--	--	--	--	1	11	--	98
Citizens Utilities Co											
Charleston (VT)	--	--	--	1,780	--	--	--	--	--	--	*
Charleston (VT)	--	--	--	327	--	--	--	--	--	--	--
Newport (VT)	--	--	--	1,453	--	--	--	--	--	--	--
Newport Diesel (VT)	--	--	--	--	--	--	--	--	--	--	*
North Troy (VT)	--	--	--	--	--	--	--	--	--	--	--
Citizens Utilities Company											
Valencia (AZ)	--	274	791	--	--	--	--	1	13	--	1
Valencia (AZ)	--	274	791	--	--	--	--	1	13	--	1
Clarksdale Water & Light Dept ...											
South (MS)	--	--	--	--	--	--	--	--	--	--	13
Third St (MS)	--	--	--	--	--	--	--	--	--	--	13
Clay Center Mun Lt & Water											
Plant	--	5	1,641	--	--	--	--	*	31	--	3
Claycenter (KS)	--	5	1,641	--	--	--	--	*	31	--	3
Cleveland Elec Illum Co, The											
Ashtabula (OH)	916,855	2,631	--	--	215,962	--	377	7	--	709	87
Ashtabula (OH)	178,394	816	--	--	--	--	77	2	--	146	1
Avon Lake (OH)	350,289	271	--	--	--	--	145	1	--	234	14
Eastlake (OH)	328,964	1,141	--	--	--	--	130	3	--	295	12
Lake Shore (OH)	59,208	403	--	--	--	--	25	1	--	34	60
Perry (OH)	--	--	--	--	215,962	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	--	363	--	--	--	--	--	8	--	3
Collinwood (OH)	--	--	--	--	--	--	--	--	*	--	1
Lake Road (OH)	--	--	--	--	--	--	--	--	--	--	--
West 41st Street (OH)	--	--	363	--	--	--	--	--	8	--	2
Clinton Village Of	--	-5	--	--	--	--	--	*	--	--	*
Clinton (MI)	--	-5	--	--	--	--	--	*	--	--	*
Cloverland Electric Coop	--	-101	--	--	--	--	--	--	--	--	1
Dafter (MI)	--	-72	--	--	--	--	--	--	--	--	1
Detour (MI)	--	-29	--	--	--	--	--	--	--	--	*
Coffeyville Mun Lt Dept	--	--	--	--	--	--	--	--	--	--	--
Coffeyville (KS)	--	--	--	--	--	--	--	--	--	--	--
Coggon Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Coggon (IA)	--	--	--	--	--	--	--	--	--	--	--
Colby Mun Wtr & Lt Plant	--	--	--	--	--	--	--	--	--	--	2
Colby (KS)	--	--	--	--	--	--	--	--	--	--	2
Coldwater City Of (Bd Of Pub Utils)	--	1	--	--	--	--	--	*	--	--	1
Coldwater (MI)	--	1	--	--	--	--	--	*	--	--	1
Coleman City Of	--	--	2	--	--	--	--	*	*	--	1
Coleman (TX)	--	--	2	--	--	--	--	*	*	--	1
Colorado Springs, City Of	255,123	--	135	--	--	--	126	--	3	374	41
Drake, Martin (CO)	113,953	--	183	--	--	--	62	--	2	58	5
George Birdsall (CO)	--	--	-48	--	--	--	--	--	1	--	34
Manitou (CO)	--	--	--	--	--	--	--	--	--	--	--
Ray D. Nixon (CO)	141,170	--	--	--	--	--	64	--	--	317	3
Ruxton (CO)	--	--	--	--	--	--	--	--	--	--	--
Columbia Water & Light Dept	10,343	--	--	--	--	--	5	--	--	1	2
Columbia (MO)	10,343	--	--	--	--	--	5	--	--	1	2
Columbus & Southern Ohio Elec Co	804,860	844	--	--	--	--	353	1	--	748	11
Conesville (OH)	764,602	811	--	--	--	--	332	1	--	701	10
Picway (OH)	40,258	33	--	--	--	--	20	*	--	47	1
Columbus City Of	550	--	--	--	--	26,969	1	--	--	26	--
Municipal Electric (OH)	550	--	--	--	--	26,969	1	--	--	26	--
O Shaughnessy (OH)	--	--	--	--	--	--	--	--	--	--	--
Commonwealth Edison Co Of Indiana	161,365	--	7,783	--	--	--	93	--	81	344	--
State Line (IN)	161,365	--	7,783	--	--	--	93	--	81	344	--
Commonwealth Edison Company (CES)	1,384,707	39,288	39,220	112	6,112,629	--	847	180	453	4,570	993
Bloom (IL)	--	--	--	--	--	--	--	--	--	--	--
Braidwood (IL)	--	--	--	--	1,384,645	--	--	--	--	--	--
Byron (IL)	--	--	--	--	1,571,865	--	--	--	--	--	--
Calumet (IL)	--	--	14	--	--	--	--	--	*	--	8
Collins (IL)	--	22,596	--	--	--	--	--	148	--	--	897
Crawford (IL)	44,273	--	6,399	--	--	--	28	--	72	309	6
Dixon (IL)	--	--	--	112	--	--	--	--	--	--	--
Dresden (IL)	--	--	--	--	642,695	--	--	--	--	--	--
Electric Junction (IL)	--	--	181	--	--	--	--	--	3	--	18
Fisk Street (IL)	43,792	335	9,174	--	--	--	39	1	115	138	12
Joliet (IL)	88,079	33	2,118	--	--	--	50	*	23	248	8
Joliet 7 & 8 (IL)	156,546	--	19,115	--	--	--	97	--	213	746	2
Kincaid (IL)	398,639	--	656	--	--	--	224	--	8	651	--
Lasalle (IL)	--	--	--	--	786,038	--	--	--	--	--	--
Lombard (IL)	--	--	34	--	--	--	--	--	1	--	10

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)											
Powerton (IL)	261,339	--	1,529	--	--	--	175	--	18	1,319	--
Quad-cities (IL)	--	--	--	--	978,062	--	--	--	--	--	--
Sabrooke (IL)	--	--	--	--	--	--	--	--	--	--	18
Waukegan (IL)	61,961	4,508	--	--	--	--	43	10	--	433	13
Will County (IL)	330,078	11,816	--	--	--	--	192	21	--	726	2
Zion (IL)	--	--	--	--	749,324	--	--	--	--	--	--
Commonwealth Energy System (CES)											
Airport Diesel (MA)	--	565,837	7,412	--	--	--	--	846	67	--	258
Blackstone Street (MA)	--	2	--	--	--	--	--	--	--	--	--
Canal (MA)	--	400	935	--	--	--	--	--	4	--	2
Cannon Street (MA)	--	563,132	--	--	--	--	--	842	--	--	190
Kendall Square (MA)	--	--	--	--	--	--	--	--	--	--	19
Oak Bluffs (MA)	--	2,301	6,477	--	--	--	--	4	62	--	44
West Tisbury (MA)	--	--	--	--	--	--	--	--	--	--	1
West Tisbury (MA)	--	2	--	--	--	--	--	--	--	--	2
Connecticut Light & Power Co (NU)											
Bantam (CT)	--	116,102	1,205	52,087	--	36,225	--	221	25	--	1,583
Branford (CT)	--	--	--	192	--	--	--	--	--	--	--
Bulls Bridge (CT)	--	47	--	--	--	--	--	--	--	--	1
Cos Cob (CT)	--	--	--	5,243	--	--	--	--	--	--	--
Devon (CT)	--	143	--	--	--	--	--	--	--	--	6
Falls Village (CT)	--	10,956	--	--	--	--	--	24	--	--	269
Franklin (CT)	--	--	--	6,408	--	--	--	--	--	--	--
Middletown (CT)	--	-24	--	--	--	--	--	--	--	--	1
Montville (CT)	--	55,442	--	--	--	--	--	104	--	--	707
Norwalk Harbor (CT)	--	3,097	1,205	--	--	--	--	10	25	--	252
Robertsville (CT)	--	46,494	--	--	--	--	--	81	--	--	296
Rocky River (CT)	--	--	--	124	--	--	--	--	--	--	--
Scotland (CT)	--	--	--	187	--	--	--	--	--	--	--
Shepaug (CT)	--	--	--	1,163	--	--	--	--	--	--	--
South Meadow (CT)	--	--	--	20,507	--	--	--	--	--	--	--
Stevenson (CT)	--	-54	--	--	36,225	--	--	--	--	--	49
Taftville (CT)	--	--	--	16,037	--	--	--	--	--	--	--
Torrington (CT)	--	--	--	957	--	--	--	--	--	--	--
Tunnel (CT)	--	-7	--	--	--	--	--	--	--	--	1
Tunnel (CT)	--	8	--	1,269	--	--	--	--	--	--	1
Connecticut Yankee Atomic Pwr Co											
Haddam Neck (CT)	--	--	--	--	431,095	--	--	--	--	--	--
Haddam Neck (CT)	--	--	--	--	431,095	--	--	--	--	--	--
Consolidated Edison Co Of N Y, Inc											
* Central Storage *	--	175,772	530,073	--	655,251	--	--	302	5,753	--	4,625
Arthur Kill (NY)	--	--	--	--	--	--	--	--	--	--	3,697
Astoria (NY)	--	-85	-885	--	--	--	--	--	17	--	20
Buchanan (NY)	--	19,510	215,913	--	--	--	--	37	2,489	--	245
East River (NY)	--	71	--	--	--	--	--	--	--	--	4
Gowanus (NY)	--	25,865	4,760	--	--	--	--	56	64	--	245
Hudson Avenue (NY)	--	1,586	--	--	--	--	--	4	--	--	57
Indian Point (NY)	--	36,372	--	--	--	--	--	45	--	--	200
Narrows (NY)	--	20	--	--	655,251	--	--	--	--	--	1
Ravenswood (NY)	--	8	1,299	--	--	--	--	--	20	--	64
Waterside (NY)	--	63,813	218,578	--	--	--	--	108	2,306	--	68
59Th Street (NY)	--	4,732	90,408	--	--	--	--	7	857	--	1
74Th Street (NY)	--	9,659	--	--	--	--	--	22	--	--	20
74Th Street (NY)	--	14,221	--	--	--	--	--	23	--	--	3
Consolidated Water Power Company											
Biron (WI)	--	--	--	12,102	--	--	--	--	--	--	--
Du Bay (WI)	--	--	--	2,267	--	--	--	--	--	--	--
Stevens Point (WI)	--	--	--	4,040	--	--	--	--	--	--	--
Wisconsin Rapids (WI)	--	--	--	2,683	--	--	--	--	--	--	--
Wisconsin River Di (WI)	--	--	--	3,112	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	1,312,644	2,463	599	-29,857	637,990	--	542	10	8	848	189
Alcona (MI)	--	--	--	2,500	--	--	--	--	--	--	--
Alleghen Dam (MI)	--	--	--	1,383	--	--	--	--	--	--	--
Big Rock Point (MI)	--	--	--	--	48,834	--	--	--	--	--	--
Campbell, J H (MI)	508,148	4,069	--	--	--	--	199	7	--	406	10
Cobb, B C (MI)	175,798	187	426	--	--	--	82	*	4	186	--
Cooke (MI)	--	--	--	2,467	--	--	--	--	--	--	--
Croton (MI)	--	--	--	5,156	--	--	--	--	--	--	--
Five Channels (MI)	--	--	--	2,231	--	--	--	--	--	--	--
Foote (MI)	--	--	--	2,781	--	--	--	--	--	--	--
Gaylord (MI)	--	--	203	--	--	--	--	--	3	--	--
Hardy (MI)	--	--	--	12,277	--	--	--	--	--	--	--
Hodenpyl (MI)	--	--	--	2,892	--	--	--	--	--	--	--
Karn, D E (MI)	341,209	-2,457	--	--	--	--	138	2	--	101	176
Loud (MI)	--	--	--	1,774	--	--	--	--	--	--	--
Ludington (MI)	--	--	--	-75,214	--	--	--	--	--	--	--
Mio (MI)	--	--	--	1,457	--	--	--	--	--	--	--
Morrow, B E (MI)	--	--	--	--	--	--	--	--	--	--	--
Palisades (MI)	--	--	--	--	589,156	--	--	--	--	--	--
Rogers (MI)	--	--	--	3,105	--	--	--	--	--	--	--
Straits (MI)	--	--	--	--	--	--	--	--	--	--	--
Thetford (MI)	--	--	-30	--	--	--	--	--	1	--	--
Tippy, C W (MI)	--	--	--	5,082	--	--	--	--	--	--	--
Weadock, J C (MI)	171,899	585	--	--	--	--	74	1	--	91	--
Webber (MI)	--	--	--	2,252	--	--	--	--	--	--	--
Whiting, J R (MI)	115,590	79	--	--	--	--	48	*	--	63	3
Coon Rapids Mun Utilities	--	--	--	--	--	--	--	*	--	--	1
Coon Rapids (IA)	--	--	--	--	--	--	--	*	--	--	1
Cooperative Power Association ..	723,926	196	--	--	--	--	658	*	--	587	35
Bonifacius (MN)	--	--	--	--	--	--	--	--	--	--	7
Coal Creek (ND)	723,926	196	--	--	--	--	658	*	--	587	28
Copper Valley Electric Assn, Inc ..	--	3,805	--	2,278	--	--	--	7	--	--	1
Glennallen (AK)	--	3,046	--	--	--	--	--	5	--	--	1
Valdez (AK)	--	--	--	2,278	--	--	--	--	--	--	--
Valdez (AK)	--	759	--	--	--	--	--	1	--	--	1
Cordova City Of	--	1,673	--	29	--	--	--	3	--	--	1
Cordova (AK)	--	879	--	--	--	--	--	2	--	--	*
Humpback Creek (AK)	--	--	--	29	--	--	--	--	--	--	--
Ocean Dock (AK)	--	794	--	--	--	--	--	1	--	--	*
Corn Belt Power Coop	-198	--	--	--	--	--	--	--	--	23	--
Humboldt (IA)	-84	--	--	--	--	--	--	--	--	--	--
Wisdom, Earl F (IA)	-114	--	--	--	--	--	--	--	--	23	--
Corning Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Corning (IA)	--	--	--	--	--	--	--	--	--	--	--
Craig-Botetourt Electric Coop	--	--	--	102	--	--	--	--	--	--	--
New Castle (VA)	--	--	--	102	--	--	--	--	--	--	--
Crawfordsville Elec Lt & Pwr Util ..	4,108	--	--	--	--	--	3	--	--	70	--
Crawfordsville (IN)	4,108	--	--	--	--	--	3	--	--	70	--
Crete City Of	--	57	457	--	--	--	--	*	5	--	*
Crete (NE)	--	57	457	--	--	--	--	*	5	--	*
Crisp County Power Commission ..	12	--	35	7,404	--	--	*	--	2	3	--
Crisp (GA)	12	--	35	--	--	--	*	--	2	3	--
Warwick (GA)	--	--	--	7,404	--	--	--	--	--	--	--
Crystal Falls City Of (Lt & Wtr)	--	--	--	280	--	--	--	--	--	--	--
Crystal Falls (MI)	--	--	--	280	--	--	--	--	--	--	--
Culpeper Town Of	--	50	29	--	--	--	--	*	*	--	1
Culpeper (VA)	--	50	29	--	--	--	--	*	*	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	14	--	--	--	--	--	*	--	--	1
Cumberland (WI)	--	14	--	--	--	--	--	*	--	--	1
Curtis City Of	--	--	--	--	--	--	--	--	--	--	--
Curtis (NE)	--	--	--	--	--	--	--	--	--	--	--
Cushing City Of	--	1	7	--	--	--	--	*	*	--	1
Cushing (OK)	--	1	7	--	--	--	--	*	*	--	1
Dahlberg Light & Power Co	--	5	--	183	--	--	--	*	--	--	*
Gordon (WI)	--	5	--	62	--	--	--	*	--	--	*
Nancy (WI)	--	--	--	121	--	--	--	--	--	--	--
Solon Diesel (WI)	--	--	--	--	--	--	--	--	--	--	*
Dairyland Power Cooperative	385,608	313	--	3,674	--	--	217	1	--	808	8
Alma (WI)	53,561	70	--	--	--	--	30	*	--	140	*
Flambeau (WI)	--	--	--	3,674	--	--	--	--	--	--	--
Genoa (WI)	158,481	2	--	--	--	--	71	*	--	524	7
J P Madgett (WI)	171,263	56	--	--	--	--	115	*	--	113	1
Stoneman (WI)	2,303	185	--	--	--	--	1	*	--	31	*
Danville Water, Gas & Elec Dept ..	--	--	--	4,261	--	--	--	--	--	--	--
Pinnacles (VA)	--	--	--	4,261	--	--	--	--	--	--	--
Dayton Light & Power	--	--	--	--	--	--	--	--	--	--	--
Dayton (IA)	--	--	--	--	--	--	--	--	--	--	--
Dayton Power & Light Company,											
The	1,705,955	4,766	1,022	--	--	--	708	9	15	1,212	23
Frank M Tait (OH)	--	19	--	--	--	--	--	*	--	--	1
Hutchings (OH)	3,964	18	982	--	--	--	3	*	14	57	*
Killen Station (OH)	256,753	3,573	--	--	--	--	110	6	--	229	14
Monument (OH)	--	12	--	--	--	--	--	*	--	--	*
Sidney (OH)	--	--	--	--	--	--	--	--	--	--	--
Stuart, J M (OH)	1,445,238	820	--	--	--	--	596	1	--	925	2
Yankee Street (OH)	--	324	40	--	--	--	--	1	1	--	6
Delano Municipal Power Plant	--	--	--	--	--	--	--	--	--	--	2
Delano (MN)	--	--	--	--	--	--	--	--	--	--	2
Delmarva Power & Light Co. Of											
Del	309,163	164,471	13,067	--	--	--	134	278	154	360	726
Bayview (VA)	--	57	--	--	--	--	--	*	--	--	2
Christiana (DE)	--	20	--	--	--	--	--	*	--	--	15
Crisfield (MD)	--	17	--	--	--	--	--	*	--	--	1
Delaware City (DE)	--	-6	--	--	--	--	--	--	--	--	6
Edge Moor (DE)	98,552	110,064	178	--	--	--	41	175	2	98	410
Hay Road (DE)	--	966	12,889	--	--	--	--	2	152	--	100
Indian River (DE)	210,611	5,085	--	--	--	--	93	10	--	262	8
Madison Street (DE)	--	-18	--	--	--	--	--	--	--	--	1
Tasley (VA)	--	-37	--	--	--	--	--	--	--	--	10
Vienna (MD)	--	48,334	--	--	--	--	--	92	--	--	173
West Substation (DE)	--	-11	--	--	--	--	--	--	--	--	1
Delta City Of	--	6	63	--	--	--	--	*	1	--	*
Delta (CO)	--	6	63	--	--	--	--	*	1	--	*
Denison Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Denison (IA)	--	--	--	--	--	--	--	--	--	--	--
Denton Municipal Utilities	--	--	8,789	2,048	--	--	--	--	113	--	30
Lewisdale (TX)	--	--	--	1,282	--	--	--	--	--	--	--
Roberts (TX)	--	--	--	766	--	--	--	--	--	--	--
Spencer (TX)	--	--	8,789	--	--	--	--	--	113	--	30
Denver City & County Of	--	--	--	3,083	--	--	--	--	--	--	--
Blue River (CO)	--	--	--	1,213	--	--	--	--	--	--	--
Foothills (CO)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	1,446	--	--	--	--	--	--	--
Strontia Sprgs (CO)	--	--	--	424	--	--	--	--	--	--	--
Williams Fork (CO)	--	--	--	--	--	--	--	--	--	--	--
Deseret Generating & Transmission	267,915	36	--	--	--	--	129	*	--	297	2
Bonanza (UT)	267,915	36	--	--	--	--	129	*	--	297	2
Deshler Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Deshler (NE)	--	--	--	--	--	--	--	--	--	--	*
Detroit City Of (Pub Lighting Dept)	--	7,147	15,745	--	--	--	--	15	196	--	90
Mistersky (MI)	--	7,147	15,745	--	--	--	--	15	196	--	90
Detroit Edison Company, The	3,222,342	8,457	24,017	--	794,453	--	1,550	19	1,452	4,897	400
* Central Storage *	--	--	--	--	--	--	--	--	--	1,130	--
Beacon Heating (MI)	--	--	8,082	--	--	--	--	--	35	--	7
Belle River (MI)	338,335	1,741	--	--	--	--	195	3	--	--	12
Colfax (MI)	--	-39	--	--	--	--	--	--	--	--	1
Conners Creek (MI)	--	-20	--	--	--	--	--	--	--	--	*
Dayton (MI)	--	-43	--	--	--	--	--	--	--	--	*
Enrico Fermi (MI)	--	168	--	--	794,453	--	--	*	--	--	4
Greenwood (MI)	--	-1,772	--	--	--	--	--	--	--	--	277
Hancock (MI)	--	--	53	--	--	--	--	--	1	--	--
Harbor Beach (MI)	13,112	516	--	--	--	--	6	1	--	29	*
Marysville (MI)	--	--	-851	--	--	--	--	--	--	--	--
Monroe (MI)	1,706,239	3,769	--	--	--	--	757	6	--	1,254	8
Northeast (MI)	--	-5	-25	--	--	--	--	*	1	--	2
Oliver (MI)	--	-45	--	--	--	--	--	--	--	--	1
Placid (MI)	--	-43	--	--	--	--	--	--	--	--	*
Putnam (MI)	--	-41	--	--	--	--	--	--	--	--	1
River Rouge (MI)	249,487	-37	15,054	--	--	--	101	--	1,397	50	1
Siocum (MI)	--	-60	--	--	--	--	--	--	--	--	1
St. Clair (MI)	641,043	4,180	1,704	--	--	--	368	8	18	2,340	71
Superior (MI)	--	-46	--	--	--	--	--	*	--	--	2
Trenton Channel (MI)	274,126	274	--	--	--	--	123	*	--	94	12
Wilmott (MI)	--	-40	--	--	--	--	--	--	--	--	1
Detroit Lakes City Of	--	--	--	--	--	--	--	--	--	--	--
Detroit Lakes (MN)	--	--	--	--	--	--	--	--	--	--	--
Douglas County Pud No 1	--	--	--	365,587	--	--	--	--	--	--	--
Wells (WA)	--	--	--	365,587	--	--	--	--	--	--	--
Dover Elec Lt & Power Plant	4,493	--	--	--	--	--	4	--	--	1	*
Dover (OH)	4,493	--	--	--	--	--	4	--	--	1	*
Dover Electric Department	--	387	320	--	--	--	--	2	11	--	22
Mckee Run (DE)	--	344	320	--	--	--	--	2	11	--	18
Van Sant (DE)	--	43	--	--	--	--	--	*	--	--	4
Dowagiac Dept Of Public Service	--	325	92	--	--	--	--	1	1	--	1
Dowagiac (MI)	--	325	92	--	--	--	--	1	1	--	1
Duke Power Company	1,962,650	6,734	-76	289,627	4,610,670	--	742	17	3	2,445	106
Allen (NC)	20,228	831	--	--	--	--	10	2	--	425	1
Bad Creek (SC)	--	--	--	-28,915	--	--	--	--	--	--	--
Belews Creek (NC)	1,073,156	1,868	--	--	--	--	401	3	--	682	5
Boyd's Mill (SC)	--	--	--	621	--	--	--	--	--	--	--
Bridgewater (NC)	--	--	--	9,143	--	--	--	--	--	--	--
Buck (NC)	32,194	1,157	70	--	--	--	14	2	1	90	5
Buzzard Roost (SC)	--	-49	-34	10,918	--	--	--	*	1	--	35
Catawba (NC)	--	--	--	--	1,649,437	--	--	--	--	--	--
Cedar Creek (SC)	--	--	--	22,924	--	--	--	--	--	--	--
Cliffside (NC)	13,905	929	--	--	--	--	8	2	--	269	1
Cowans Ford (NC)	--	--	--	31,295	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	28,809	-77	--	--	--	--	12	2	--	84	16
Dearborn (SC)	--	--	--	14,424	--	--	--	--	--	--	--
Fishing Creek (SC)	--	--	--	28,386	--	--	--	--	--	--	--
Gaston Shoals (SC)	--	--	--	1,679	--	--	--	--	--	--	--
Great Falls (SC)	--	--	--	10,710	--	--	--	--	--	--	--
Holidays Bridge (SC)	--	--	--	2,127	--	--	--	--	--	--	--
Idols (NC)	--	--	--	13	--	--	--	--	--	--	--
Jocassee (SC)	--	--	--	4,107	--	--	--	--	--	--	--
Keowee (SC)	--	--	--	15,582	--	--	--	--	--	--	--
Lee (SC)	7,879	-40	-112	--	--	--	4	1	2	126	14
Lookout Shoals (NC)	--	--	--	11,957	--	--	--	--	--	--	--
Marshall (NC)	739,259	2,252	--	--	--	--	273	4	--	635	7
Mc Guire (NC)	--	--	--	--	1,704,096	--	--	--	--	--	--
Mountain Island (NC)	--	--	--	21,357	--	--	--	--	--	--	--
Oconee (SC)	--	--	--	--	1,257,137	--	--	--	--	--	--
Oxford (NC)	--	--	--	19,614	--	--	--	--	--	--	--
Rhodhiss (NC)	--	--	--	10,707	--	--	--	--	--	--	--
Riverbend (NC)	47,220	-137	--	--	--	--	20	1	--	133	17
Rocky Creek (SC)	--	--	--	8,318	--	--	--	--	--	--	--
Saluda (SC)	--	--	--	1,629	--	--	--	--	--	--	--
Spencer Mountain (NC)	--	--	--	179	--	--	--	--	--	--	--
Stice Shoals (NC)	--	--	--	165	--	--	--	--	--	--	--
Turner Shoals (NC)	--	--	--	2,772	--	--	--	--	--	--	--
Tuxedo (NC)	--	--	--	2,843	--	--	--	--	--	--	--
Urquhart (SC)	--	--	--	--	--	--	--	--	--	--	4
Wateree (SC)	--	--	--	47,738	--	--	--	--	--	--	--
Wylie (SC)	--	--	--	29,536	--	--	--	--	--	--	--
99 Islands (SC)	--	--	--	9,798	--	--	--	--	--	--	--
Duquesne Light Company	207,931	-684	--	--	1,060,395	--	95	1	--	523	62
Beaver Valley (PA)	--	--	--	--	1,060,395	--	--	--	--	--	--
Brunot Island (PA)	--	-1,106	--	--	--	--	--	*	--	--	61
Cheswick (PA)	-2,548	--	--	--	--	--	--	--	--	323	--
Elrama (PA)	210,479	422	--	--	--	--	95	1	--	200	1
Phillips, F (PA)	--	--	--	--	--	--	--	--	--	--	--
Durant Municipal Electric Plant	--	--	--	--	--	--	--	--	--	--	*
Durant (IA)	--	--	--	--	--	--	--	--	--	--	*
East Bay Mun Utility District	--	--	--	12,619	--	--	--	--	--	--	--
Camanche (CA)	--	--	--	346	--	--	--	--	--	--	--
Pardee (CA)	--	--	--	12,273	--	--	--	--	--	--	--
East Kentucky Power											
Cooperative	649,675	190	--	--	--	--	266	*	--	453	6
Cooper (KY)	163,728	112	--	--	--	--	67	*	--	108	*
Dale (KY)	29,796	53	--	--	--	--	14	*	--	49	*
Spurlock, H L (KY)	456,151	25	--	--	--	--	184	*	--	296	5
Eastern Maine Elec Coop, Inc	--	-1	--	--	--	--	--	*	--	--	*
Portable (ME)	--	--	--	--	--	--	--	--	--	--	--
River Street (ME)	--	-1	--	--	--	--	--	*	--	--	*
Easton Utilities Commission, The		389	568	--	--	--	--	1	7	--	17
Easton (MD)	--	236	528	--	--	--	--	*	6	--	9
Easton No. 2 (MD)	--	153	40	--	--	--	--	*	*	--	7
Edison Sault Electric Co	--	3	--	19,458	--	--	--	*	--	--	*
Edison Sault (MI)	--	--	--	19,458	--	--	--	--	--	--	--
Manistique (MI)	--	3	--	--	--	--	--	*	--	--	*
Egegik Light & Power Company ..	--	38	--	--	--	--	--	*	--	--	--
Egegik (AK)	--	38	--	--	--	--	--	*	--	--	--
El Paso Electric Company	--	--	210,876	--	--	--	--	--	2,353	--	169
Copper (TX)	--	--	-24	--	--	--	--	--	--	--	7
Newman (TX)	--	--	152,852	--	--	--	--	--	1,697	--	102
Rio Grande (NM)	--	--	58,048	--	--	--	--	--	656	--	61

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	653,162	410	--	--	--	--	311	1	--	243	1
Joppa Steam (IL)	653,162	410	--	--	--	--	311	1	--	243	1
Elk River Municipal Utilities	--	7	--	--	--	--	--	*	--	--	*
Elk River (MN)	--	7	--	--	--	--	--	*	--	--	*
Ellinwood Lt & Water	--	7	127	--	--	--	--	*	2	--	--
Ellinwood (KS)	--	7	127	--	--	--	--	*	2	--	--
Elroy City Of	--	-23	--	--	--	--	--	*	--	--	*
Elroy (WI)	--	-23	--	--	--	--	--	*	--	--	*
Emerson Light & Power Plant	--	--	--	--	--	--	--	*	*	--	*
Emerson (NE)	--	--	--	--	--	--	--	*	*	--	*
Empire District Electric Co	158,032	-109	156	9,681	--	--	102	*	2	147	38
Asbury (MO)	118,305	18	--	--	--	--	78	*	--	96	1
Energy Center (MO)	--	-127	--	--	--	--	--	--	--	--	14
Ozark Beach (MO)	--	--	--	9,681	--	--	--	--	--	--	--
Riverton (KS)	39,727	--	156	--	--	--	24	--	2	51	23
Enosburg Falls Inc Village Of	--	4	--	392	--	--	--	*	--	--	*
Diesel Plt (VT)	--	4	--	--	--	--	--	*	--	--	*
Kendall (VT)	--	--	--	68	--	--	--	--	--	--	--
Village Plt (VT)	--	--	--	324	--	--	--	--	--	--	--
Ephraim City Corporation	--	--	--	118	--	--	--	--	--	--	--
No 1 (UT)	--	--	--	6	--	--	--	--	--	--	--
No. 3 (UT)	--	--	--	99	--	--	--	--	--	--	--
No.4 (UT)	--	--	--	13	--	--	--	--	--	--	--
Erie Water & Light	--	--	--	--	--	--	--	--	--	--	--
Erie (KS)	--	--	--	--	--	--	--	--	--	--	--
Escondido Mutual Wtr Co	--	--	--	46	--	--	--	--	--	--	--
Bear Valley (CA)	--	--	--	46	--	--	--	--	--	--	--
Rincon Pwr (CA)	--	--	--	--	--	--	--	--	--	--	--
Estherville City Of	--	--	--	--	--	--	--	--	--	--	2
Esterville (IA)	--	--	--	--	--	--	--	--	--	--	2
Eugene City Of	--	--	--	29,473	--	2,564	--	--	--	--	--
Carmen (OR)	--	--	--	15,312	--	--	--	--	--	--	--
Leaburg (OR)	--	--	--	8,147	--	--	--	--	--	--	--
Walterville (OR)	--	--	--	6,014	--	--	--	--	--	--	--
Willamette (OR)	--	--	--	--	--	2,564	--	--	--	--	--
Fairbanks Mun Utilities System	12,728	--	--	--	--	--	14	--	--	5	1
Chena (AK)	12,728	--	--	--	--	--	14	--	--	5	1
Fairbury Light & Water Dept	--	--	179	--	--	--	--	--	3	--	*
Fairbury (NE)	--	--	179	--	--	--	--	--	3	--	*
Fairfax Mun Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Fairfax (MN)	--	--	--	--	--	--	--	--	--	--	--
Fairfield Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Fairfield (IL)	--	--	--	--	--	--	--	--	--	--	--
Fairmont Pub Util Comm	-35	-35	--	--	--	--	--	--	--	2	1
Fairmont (MN)	-35	-35	--	--	--	--	--	--	--	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, January 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	--	--	--	1	--	--	--	--	--	--	--
Felt (ID)	--	--	--	1	--	--	--	--	--	--	--
New Felt (ID)	--	--	--	--	--	--	--	--	--	--	--
Falls City Water & Light Dept	--	3	36	--	--	--	--	*	*	--	*
Falls City (NE)	--	3	36	--	--	--	--	*	*	--	*
Farmer City City Of	--	--	--	--	--	--	--	--	--	--	*
Farmer City (IL)	--	--	--	--	--	--	--	--	--	--	*
Farmington City Of	--	--	4,103	10,802	--	--	--	--	66	--	--
Animas (NM)	--	--	4,103	--	--	--	--	--	66	--	--
Navajo (NM)	--	--	--	10,802	--	--	--	--	--	--	--
Farmington River Pwr Co	--	--	--	4,240	--	--	--	--	--	--	--
Rainbow (CT)	--	--	--	4,240	--	--	--	--	--	--	--
Fayette Water & Light Plant	--	9	--	--	--	--	--	*	--	--	*
Fayette (MO)	--	9	--	--	--	--	--	*	--	--	*
Fayetteville, Pub Works Comm											
Of	--	265	10,744	--	--	--	--	1	166	--	65
Pod #2 (NC)	--	265	10,744	--	--	--	--	1	166	--	65
Fennimore Municipal Utilities	--	6	--	--	--	--	--	*	--	--	*
Fennimore (WI)	--	6	--	--	--	--	--	*	--	--	*
Fishers Is Elec Corp (the	--	--	--	--	--	--	--	--	--	--	--
Fishers Isl (NY)	--	--	--	--	--	--	--	--	--	--	--
Fitchburg Gas & Elec Light Co	--	--	--	--	--	--	--	--	--	--	1
Fitchburg (MA)	--	--	--	--	--	--	--	--	--	--	1
Florida Keys Elec Coop Assn Inc											
Marathon (FL)	--	30	--	--	--	--	--	*	--	--	4
Marathon (FL)	--	30	--	--	--	--	--	*	--	--	4
Florida Power & Light Company	--	1,158,382	770,049	--	1,752,465	--	--	1,793	7,904	--	4,389
Cape Canaveral (FL)	--	191,078	133,347	--	--	--	--	283	1,355	--	216
Cutler (FL)	--	--	3,525	--	--	--	--	--	58	--	--
Fort Meyers (FL)	--	195,477	--	--	--	--	--	293	--	--	419
Lauderdale (FL)	--	1,005	8,217	--	--	--	--	2	113	--	112
Manatee (FL)	--	111,164	--	--	--	--	--	186	--	--	1,105
Martin (FL)	--	12,790	33,244	--	--	--	--	23	408	--	890
Port Everglades (FL)	--	189,872	264,453	--	--	--	--	288	2,772	--	612
Putnam (FL)	--	452	204,047	--	--	--	--	1	1,890	--	31
Riviera (FL)	--	248,677	3,794	--	--	--	--	385	43	--	338
Sanford (FL)	--	177,615	24,670	--	--	--	--	285	266	--	485
St. Lucie (FL)	--	--	--	--	869,798	--	--	--	--	--	--
Turkey Point (FL)	--	30,252	94,752	--	882,667	--	--	48	992	--	181
Florida Power Corporation	1,263,617	206,459	12	--	613,488	--	486	336	*	923	1,448
* Central Storage *	--	--	--	--	--	--	--	--	--	--	220
Anclote (FL)	--	42,618	--	--	--	--	--	69	--	--	407
Avon Park (FL)	--	27	--	--	--	--	--	*	--	--	9
Bartow, P L (FL)	--	151,523	--	--	--	--	--	243	--	--	134
Bayboro (FL)	--	1,869	--	--	--	--	--	4	--	--	29
Crystal River (FL)	1,263,617	4,884	--	--	613,488	--	486	8	--	923	16
Debary (FL)	--	3,628	--	--	--	--	--	7	--	--	145
Higgins (FL)	--	445	12	--	--	--	--	1	*	--	93
Intercession City (FL)	--	275	--	--	--	--	--	1	--	--	88
Port St. Joe (FL)	--	19	--	--	--	--	--	*	--	--	2
Rio Pinar (FL)	--	--	--	--	--	--	--	*	--	--	3
Suwannee River (FL)	--	758	--	--	--	--	--	2	--	--	136
Turner, G E (FL)	--	413	--	--	--	--	--	1	--	--	165
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, January 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	--	1	--	--	--	--	--	*	--	--	4
Forest City (IA)	--	1	--	--	--	--	--	*	--	--	4
Fort Pierce Utilities Authority	--	8	12,770	--	--	--	--	*	158	--	34
King (FL)	--	8	12,770	--	--	--	--	*	158	--	34
Franklin Mun Lt & Wtr Plant	--	--	--	--	--	--	--	--	--	--	*
Franklin (NE)	--	--	--	--	--	--	--	--	--	--	*
Fredonia Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Fredonia (KS)	--	--	--	--	--	--	--	--	--	--	--
Freeburg Mun Light Plant	--	4	--	--	--	--	--	*	--	--	*
Freeburg (IL)	--	4	--	--	--	--	--	*	--	--	*
Freeport Electric Power System	--	1,277	--	--	--	--	--	3	--	--	12
Plant No 1 (NY)	--	465	--	--	--	--	--	1	--	--	1
Plant No 2 (NY)	--	812	--	--	--	--	--	2	--	--	11
Fremont Dept Of Utilities	24,600	5	494	--	--	--	17	*	6	41	2
Fremont No 2 (NE)	24,600	5	494	--	--	--	17	*	6	41	2
Fulton City Of	--	-137	--	--	--	--	--	*	*	--	3
Fulton (MO)	--	-137	--	--	--	--	--	*	*	--	3
Gainesville Regional Utilities	119,049	4	8,302	--	--	--	50	*	94	71	113
Deerhaven (FL)	119,049	4	8,513	--	--	--	50	*	92	71	72
Kelly, J R (FL)	--	--	-211	--	--	--	--	*	2	--	42
Gallatin Light & Water Works	--	--	--	--	--	--	--	--	--	--	--
Gallatin (MO)	--	--	--	--	--	--	--	--	--	--	--
Garkane Power Assn, Inc	--	--	--	1,651	--	--	--	--	--	--	--
Boulder (UT)	--	--	--	1,651	--	--	--	--	--	--	--
Garland City Of	--	--	96,178	--	--	--	--	--	1,040	--	183
Newman, C E (TX)	--	--	185	--	--	--	--	--	6	--	20
Olinger, Ray (TX)	--	--	95,993	--	--	--	--	--	1,034	--	163
Garnett City Of	--	100	5	--	--	--	--	*	*	--	1
Garnett (KS)	--	100	5	--	--	--	--	*	*	--	1
Geneseo Municipal Utilities	--	--	--	--	--	--	--	*	--	--	*
Geneseo (IL)	--	--	--	--	--	--	--	*	--	--	*
Georgia Power Co (SC)	3,847,175	4,515	336	350,955	2,807,338	--	1,561	11	9	5,095	434
Arkwright (GA)	-412	-27	--	--	--	--	--	--	1	59	14
Atkinson (GA)	--	1	-268	--	--	--	--	*	4	--	98
Barnett Shoals (GA)	--	--	--	585	--	--	--	--	--	--	--
Bartlett Ferry (GA)	--	--	--	90,332	--	--	--	--	--	--	--
Bowen (GA)	1,865,679	650	--	--	--	--	710	1	--	1,060	13
Burton (GA)	--	--	--	4,879	--	--	--	--	--	--	--
Estatoah (GA)	--	--	--	93	--	--	--	--	--	--	--
Flint River (GA)	--	--	--	2,405	--	--	--	--	--	--	--
Goat Rock (GA)	--	--	--	19,014	--	--	--	--	--	--	--
Hammond (GA)	34,314	880	--	--	--	--	15	2	--	355	1
Harlee Branch (GA)	508,098	798	--	--	--	--	212	1	--	783	3
Hatch, Edwin I. (GA)	--	--	--	--	1,129,741	--	--	--	--	--	--
Langdale (GA)	--	--	--	504	--	--	--	--	--	--	--
Lloyd Shoals (GA)	--	--	--	7,224	--	--	--	--	--	--	--
McDonough, J (GA)	279,138	346	604	--	--	--	115	1	5	225	--
Mcmanus (GA)	--	-151	--	--	--	--	--	1	--	--	136
Mitchell, W (GA)	-533	139	--	--	--	--	--	*	--	66	27
Morgan Falls (GA)	--	--	--	9,921	--	--	--	--	--	--	--
Nacoochee (GA)	--	--	--	3,083	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	24,178	--	--	--	--	--	--	--
Oliver Dam (GA)	--	--	--	39,197	--	--	--	--	--	--	--
Riverview (GA)	--	--	--	121	--	--	--	--	--	--	--
Scherer (GA)	6,166	571	--	--	--	--	6	2	--	1,283	14
Sinclair Dam (GA)	--	--	--	29,954	--	--	--	--	--	--	--
Tallulah Falls (GA)	--	--	--	37,124	--	--	--	--	--	--	--
Terrora (GA)	--	--	--	10,175	--	--	--	--	--	--	--
Tugalo (GA)	--	--	--	24,047	--	--	--	--	--	--	--
Vogtle (GA)	--	--	--	--	1,677,597	--	--	--	--	--	--
Wallace Dam (GA)	--	--	--	36,979	--	--	--	--	--	--	--
Wansley (GA)	952,495	132	--	--	--	--	411	*	--	698	34
Wilson (GA)	--	62	--	--	--	--	--	1	--	--	92
Yates (GA)	202,230	1,114	--	--	--	--	93	2	--	567	2
Yonah (GA)	--	--	--	11,140	--	--	--	--	--	--	--
Gilman Brothers Co											
Gilman (CT)	--	--	--	93	--	--	--	--	--	--	--
Girard City Of											
Girard (KS)	--	--	--	--	--	--	--	--	--	--	--
Glencoe Mun Electric Plant											
Glencoe (MN)	--	72	8	--	--	--	--	*	*	--	3
Glendale Public Service Dept											
Grayson (CA)	--	--	7,974	--	--	--	--	*	130	--	52
SCAMPP (CA)	--	--	7,974	--	--	--	--	*	130	--	52
Golden Valley Elec Assn, Inc											
Fairbanks (AK)	18,373	33,722	--	--	--	--	15	62	--	*	20
Healy (AK)	--	-86	--	--	--	--	--	*	--	--	5
North Pole (AK)	18,373	15	--	--	--	--	15	*	--	*	1
Goodland Municipal Electric Dep											
Goodland (KS)	--	93	573	--	--	--	--	*	9	--	4
Gouverneur Elec Plt											
Gouverneur (NY)	--	--	--	70	--	--	--	--	--	--	--
Gowrie Light & Water Plant											
Gowrie (IA)	--	--	--	--	--	--	--	--	--	--	*
Graettinger Mun Light Plant											
Graettinger (IA)	--	--	--	--	--	--	--	--	--	--	--
Grafton Light & Water Dept											
Grafton (ND)	--	--	--	--	--	--	--	--	--	--	--
Grand Haven Board Of Lt & Pwr											
Harbor Avenue (MI)	32,271	6	1	--	--	--	17	*	*	55	10
J B Simms (MI)	--	6	1	--	--	--	--	*	*	--	10
Grand Island Water & Light Dept											
Burdick, C W (NE)	45,191	--	-148	--	--	--	31	--	*	61	58
Platte (NE)	--	--	-148	--	--	--	--	--	*	--	58
Grand Junction Mun Lt Plant											
Grand Junction (IA)	45,191	--	--	--	--	--	31	--	--	61	--
Grand Marais, Village Of											
Grand Marais (MN)	--	-2	--	--	--	--	--	*	--	--	*
Grand River Dam Authority											
GRDA No 1 (OK)	535,030	--	1,342	110,436	--	--	343	--	14	665	2
Markham (OK)	535,030	--	1,342	--	--	--	343	--	14	665	2
Pensacola (OK)	--	--	--	42,066	--	--	--	--	--	--	--
Salina (OK)	--	--	--	71,465	--	--	--	--	--	--	--
Salina (OK)	--	--	--	-3,095	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	--	--	88	--	--	--	--	--	--	--
Granite Falls (MN)	--	--	--	88	--	--	--	--	--	--	--
Grant County P U D No 2	--	--	--	883,281	--	--	--	--	--	--	--
Pec Hdws (WA)	--	--	--	--	--	--	--	--	--	--	--
Priest Rapids (WA)	--	--	--	445,529	--	--	--	--	--	--	--
Quincy Chut (WA)	--	--	--	--	--	--	--	--	--	--	--
Wanapum (WA)	--	--	--	437,752	--	--	--	--	--	--	--
Green Mountain Power Corporation	--	480	--	12,341	--	--	--	1	--	--	13
Berlin (VT)	--	364	--	--	--	--	--	1	--	--	11
Bolton Falls (VT)	--	--	--	2,433	--	--	--	--	--	--	--
Carthusians (VT)	--	--	--	--	--	--	--	--	--	--	--
Colchester (VT)	--	96	--	--	--	--	--	*	--	--	1
Essex Junction 19 (VT)	--	--	--	3,528	--	--	--	--	--	--	*
Gorge 18 (VT)	--	--	--	1,572	--	--	--	--	--	--	--
Marshfield 6 (VT)	--	--	--	440	--	--	--	--	--	--	--
Middlesex 2 (VT)	--	--	--	1,050	--	--	--	--	--	--	--
Vergennes 9 (VT)	--	--	--	1,356	--	--	--	--	--	--	1
Waterbury 22 (VT)	--	--	--	1,736	--	--	--	--	--	--	--
West Danville 15 (VT)	--	--	--	226	--	--	--	--	--	--	--
Greenfield Municipal Utilities	--	6	--	--	--	--	--	*	--	--	*
Greenfield (IA)	--	6	--	--	--	--	--	*	--	--	*
Greenport Village Of	--	-36	--	--	--	--	--	--	--	--	*
Greenport (NY)	--	-36	--	--	--	--	--	--	--	--	*
Greensburg Mun Lt & Pwr	--	--	10	--	--	--	--	*	1	--	*
Greensburg (KS)	--	--	10	--	--	--	--	*	1	--	*
Greenville Electric Dept	--	--	-28	--	--	--	--	--	10	--	18
Steam (TX)	--	--	-22	--	--	--	--	--	1	--	1
Steam (TX)	--	--	-6	--	--	--	--	--	10	--	18
Greenwood Utilities Commission	--	--	--	--	--	--	--	--	--	11	6
Henderson (MS)	--	--	--	--	--	--	--	--	--	10	4
Wright (MS)	--	--	--	--	--	--	--	--	--	1	2
Gresham Mun Light Plant	--	--	--	407	--	--	--	--	--	--	--
Lower Weed (WI)	--	--	--	194	--	--	--	--	--	--	--
Upper Weed (WI)	--	--	--	213	--	--	--	--	--	--	--
Grundy Center Mun Lt & Pwr	--	5	--	--	--	--	--	*	--	--	*
Grundy Center (IA)	--	5	--	--	--	--	--	*	--	--	*
Guadalupe-Blanco River Auth	--	--	--	13,002	--	--	--	--	--	--	--
Abbott Tp 3 (TX)	--	--	--	1,446	--	--	--	--	--	--	--
Canyon (TX)	--	--	--	3,649	--	--	--	--	--	--	--
Dunlap Tp 1 (TX)	--	--	--	2,478	--	--	--	--	--	--	--
H-4 (TX)	--	--	--	1,341	--	--	--	--	--	--	--
H-5 (TX)	--	--	--	1,365	--	--	--	--	--	--	--
Nolte (TX)	--	--	--	1,316	--	--	--	--	--	--	--
Nolte (TX)	--	--	--	1,407	--	--	--	--	--	--	--
Gulf Power Co (SC)	735,845	700	959	--	--	--	325	1	10	260	10
Crist (FL)	548,609	268	959	--	--	--	242	*	10	190	3
Scholz (FL)	-433	--	--	--	--	--	--	--	--	28	*
Smith (FL)	187,669	432	--	--	--	--	83	1	--	43	6
Gulf States Utilities Company	324,631	131,196	1,081,496	47,796	686,219	--	204	*	9,898	193	451
Lewis Creek (TX)	--	--	177,054	--	--	--	--	--	1,845	--	34
Louisiana 1 (LA)	--	--	144,657	--	--	--	--	--	1,183	--	--
Louisiana 2 (LA)	--	--	--	--	--	--	--	--	--	--	--
Neches (TX)	--	--	--	--	--	--	--	--	--	--	--
Nelson, R S (LA)	324,631	131,158	--	--	--	--	204	*	--	193	108
River Bend (LA)	--	--	--	--	686,219	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	38	545,603	--	--	--	--	*	4,587	--	103
Toledo Bend (TX)	--	--	--	47,796	--	--	--	--	--	--	--
Willow Glen (LA)	--	--	214,182	--	--	--	--	--	2,283	--	205
Gwitchyaa Zhee Utility Company											
Gwitchyaa Zhee (AK)	--	197	--	--	--	--	--	*	--	--	*
	--	197	--	--	--	--	--	*	--	--	*
GPU Nuclear Corporation	--	--	--	--	609,151	--	--	--	--	--	--
Oyster Creek (NJ)	--	--	--	--	--	--	--	--	--	--	--
Three Mile Island (PA)	--	--	--	--	609,151	--	--	--	--	--	--
Hagerstown Mun Elec Lt Plant	--	--	--	--	--	--	--	--	--	--	--
Hagerstown (MD)	--	--	--	--	--	--	--	--	--	--	--
Haines Light And Power Company	--	873	--	--	--	--	--	2	--	--	--
Haines (AK)	--	873	--	--	--	--	--	2	--	--	--
Halstad Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Halstad (MN)	--	--	--	--	--	--	--	--	--	--	*
Hamilton City Of	645	21	22,387	20,884	--	--	*	*	283	15	4
Hamilton (OH)	645	21	22,387	--	--	--	*	*	283	15	4
Hamilton Hydro (OH)	--	--	--	--	--	--	--	--	--	--	--
Vanceburg Hydro (KY)	--	--	--	20,884	--	--	--	--	--	--	--
Hardwick Electric Department	--	--	--	260	--	--	--	--	--	--	*
Hardwick (VT)	--	--	--	--	--	--	--	--	--	--	*
Wolcott (VT)	--	--	--	260	--	--	--	--	--	--	--
Hart Hydro Electric Dept	--	--	--	4	--	--	--	*	--	--	*
Hart (MI)	--	--	--	--	--	--	--	*	--	--	*
Hart Hydro (MI)	--	--	--	4	--	--	--	--	--	--	--
Hartley City Of	--	--	--	--	--	--	--	--	--	--	--
Hartley (IA)	--	--	--	--	--	--	--	--	--	--	--
Hastings Utilities	36,761	33	--	--	--	--	24	*	--	54	6
Don Henry (NE)	--	--	--	--	--	--	--	--	--	--	1
Hastings (NE)	36,761	33	--	--	--	--	24	*	--	54	1
North Denver (NE)	--	--	--	--	--	--	--	--	--	--	4
Hawaii Electric Light Co, Inc	--	57,023	--	1,431	--	--	--	129	--	--	60
Kanoolehua (HI)	--	2,093	--	--	--	--	--	5	--	--	4
Keahole (HI)	--	5,819	--	--	--	--	--	13	--	--	7
Puna (HI)	--	18,025	--	--	--	--	--	41	--	--	13
Puueo (HI)	--	--	--	983	--	--	--	--	--	--	--
Shipman (HI)	--	7,987	--	--	--	--	--	21	--	--	5
W. H. Hill (HI)	--	21,536	--	--	--	--	--	46	--	--	29
Waiau (HI)	--	--	--	448	--	--	--	--	--	--	--
Waimea (HI)	--	1,563	--	--	--	--	--	3	--	--	2
Hawaiian Electric Company, Inc ..	--	357,085	--	--	--	--	--	597	--	--	686
* Central Storage *	--	--	--	--	--	--	--	--	--	--	130
Honolulu (HI)	--	13,937	--	--	--	--	--	29	--	--	51
Kahe (HI)	--	276,168	--	--	--	--	--	450	--	--	307
Waiau (HI)	--	66,980	--	--	--	--	--	118	--	--	198
Hawarden City Of	--	--	--	--	--	--	--	--	--	--	--
Hawarden (IA)	--	--	--	--	--	--	--	--	--	--	--
Haxton City Of	--	--	--	--	--	--	--	--	--	--	--
Haxton (CO)	--	--	--	--	--	--	--	--	--	--	--
Heber Light & Power Plant	--	--	25	461	--	--	--	--	*	--	--
Gas Generation (UT)	--	--	25	--	--	--	--	--	*	--	--
Lake Creek (UT)	--	--	--	247	--	--	--	--	--	--	--
Snake Creek (UT)	--	--	--	214	--	--	--	--	--	--	--

See footnotes at end of table.

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Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	6,700	--	--	--	--	--	4	*	--	4	*
Henderson (KY)	6,700	--	--	--	--	--	4	*	--	4	*
Herndon City Of	--	--	--	--	--	--	--	--	--	--	--
City Lght Plant (KS)	--	--	--	--	--	--	--	--	--	--	--
Herrington City Of	--	-59	--	--	--	--	--	--	--	--	*
Herrington (KS)	--	-59	--	--	--	--	--	--	--	--	*
Hetch Hetchy Water & Power	--	--	--	143,871	--	--	--	--	--	--	--
Holm, Dion R (CA)	--	--	--	43,508	--	--	--	--	--	--	--
Kirkwood, Robert C (CA)	--	--	--	51,172	--	--	--	--	--	--	--
Moccasin (CA)	--	--	--	47,330	--	--	--	--	--	--	--
Moccasin Low (CA)	--	--	--	1,861	--	--	--	--	--	--	--
Hibbing Public Utilities Comm	5,186	--	--	--	--	--	10	--	--	3	--
Hibbing (MN)	5,186	--	--	--	--	--	10	--	--	3	--
Higginsville City Of	--	--	--	--	--	--	--	--	--	--	--
Higginsville (MO)	--	--	--	--	--	--	--	--	--	--	--
Highland City Of	--	2	10	--	--	--	--	*	*	--	*
Highland (IL)	--	2	10	--	--	--	--	*	*	--	*
Hill City City Of	--	--	--	--	--	--	--	--	--	--	*
Hill City (KS)	--	--	--	--	--	--	--	--	--	--	*
Hillsdale Board Of Public Works ..	--	3	39	--	--	--	--	*	*	--	2
Hillsdale (MI)	--	3	39	--	--	--	--	*	*	--	2
Hoisington City Of	--	43	--	--	--	--	--	*	--	--	*
Hoisington (KS)	--	43	--	--	--	--	--	*	--	--	*
Holdrege City Of	--	4	--	--	--	--	--	*	--	--	*
Holdrege (NE)	--	4	--	--	--	--	--	*	--	--	*
Holland Board Of Public Works ...	31,289	72	--	--	--	--	14	*	--	84	7
James De Young (MI)	31,289	14	--	--	--	--	14	*	--	84	*
48 Street (MI)	--	50	--	--	--	--	--	*	--	--	5
6Th Street (MI)	--	8	--	--	--	--	--	*	--	--	1
Holly Town Of	--	--	--	--	--	--	--	--	--	--	--
Holly (CO)	--	--	--	--	--	--	--	--	--	--	--
Holton City Of	--	108	43	--	--	--	--	*	*	--	*
Holton (KS)	--	108	43	--	--	--	--	*	*	--	*
Holyoke Gas & Elec Dept	--	-510	--	518	--	--	--	--	--	--	18
Cabot-Holyoke (MA)	--	-510	--	518	--	--	--	--	--	--	18
Holyoke Mun Pwr & Lt Plt	--	--	--	--	--	--	--	--	--	--	--
Holyoke (CO)	--	--	--	--	--	--	--	--	--	--	--
Holyoke Water Power Co (NU)	90,387	219	--	22,085	--	--	33	*	--	75	*
Boatlock (MA)	--	--	--	1,359	--	--	--	--	--	--	--
Chemical (MA)	--	--	--	208	--	--	--	--	--	--	--
Hadley Falls (MA)	--	--	--	17,720	--	--	--	--	--	--	--
Holbrook, Beebe (MA)	--	--	--	153	--	--	--	--	--	--	--
Mt Tom (MA)	90,387	219	--	--	--	--	33	*	--	75	*
Riverside (MA)	--	--	--	2,568	--	--	--	--	--	--	--
Skinner (MA)	--	--	--	77	--	--	--	--	--	--	--
Homer Electric Assn, Inc	--	--	--	--	--	--	--	*	--	--	*
Seldovia (AK)	--	--	--	--	--	--	--	*	--	--	*
Homestead City Of	--	459	4,286	--	--	--	--	1	50	--	3
G W Ivey (FL)	--	459	4,286	--	--	--	--	1	50	--	3

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Hoosier Energy, Ind Statewide											
Rec	586,224	759	--	--	--	--	282	1	--	637	7
Merom (IN)	445,011	682	--	--	--	--	221	1	--	564	6
Ratts (IN)	141,213	77	--	--	--	--	61	*	--	73	*
Hopkinton Municipal Utility	--	1	--	--	--	--	--	*	--	--	*
Hopkinton (IA)	--	1	--	--	--	--	--	*	--	--	*
Houma Light & Water Plant	--	-12	8,753	--	--	--	--	--	118	--	6
Houma (LA)	--	-12	8,753	--	--	--	--	--	118	--	6
Houston Lighting & Power Co	2,188,263	5,283	1,220,588	--	1,166,859	--	1,538	10	12,364	2,148	719
* Central Storage *	--	--	--	--	--	--	--	--	--	--	21
Bertron, Sam (TX)	--	18	11,645	--	--	--	--	*	163	--	65
Cedar Bayou (TX)	--	4,116	516,994	--	--	--	--	7	5,192	--	281
Clarke, Hiram (TX)	--	--	16	--	--	--	--	--	1	--	--
Deepwater (TX)	--	--	1,240	--	--	--	--	--	24	--	--
Greens Bayou (TX)	--	30	1,851	--	--	--	--	1	34	--	131
Limestone (TX)	1,015,434	--	6,093	--	--	--	827	--	61	820	32
Parish, W A (TX)	1,172,829	--	203,386	--	--	--	711	--	1,974	1,328	7
Robinson, P H (TX)	--	887	305,207	--	--	--	--	2	3,286	--	135
South Texas (TX)	--	--	--	--	1,166,859	--	--	--	--	--	--
Webster (TX)	--	--	-296	--	--	--	--	--	*	--	--
Wharton, T H (TX)	--	232	174,452	--	--	--	--	1	1,629	--	47
Hudson Light & Power Dept	--	34	55	--	--	--	--	*	1	--	10
Cherry Street (MA)	--	34	55	--	--	--	--	*	1	--	10
Hughes Power & Light Company	--	11	--	--	--	--	--	*	--	--	*
Hughes (AK)	--	11	--	--	--	--	--	*	--	--	*
Hugoton City Of	--	216	1,996	--	--	--	--	*	20	--	1
Hugoton (KS)	--	23	143	--	--	--	--	*	1	--	*
Hugoton #2 (KS)	--	193	1,853	--	--	--	--	*	19	--	1
Hutchinson Utilities Comm	--	--	--	--	--	--	--	--	--	--	2
Plant No. 1 (MN)	--	--	--	--	--	--	--	--	--	--	1
Plant No. 2 (MN)	--	--	--	--	--	--	--	--	--	--	2
Hydro Dev Group Inc	--	--	--	10,092	--	--	--	--	--	--	--
#3 Mill (NY)	--	--	--	368	--	--	--	--	--	--	--
#6 Mill (NY)	--	--	--	516	--	--	--	--	--	--	--
Copenhagen (NY)	--	--	--	1,256	--	--	--	--	--	--	--
Dexter (NY)	--	--	--	2,016	--	--	--	--	--	--	--
Diamond Island (NY)	--	--	--	619	--	--	--	--	--	--	--
Fowler (NY)	--	--	--	460	--	--	--	--	--	--	--
Hailesboro (NY)	--	--	--	859	--	--	--	--	--	--	--
Pyrites (NY)	--	--	--	60	--	--	--	--	--	--	--
Pyrites #2 (NY)	--	--	--	3,066	--	--	--	--	--	--	--
Theresa (NY)	--	--	--	872	--	--	--	--	--	--	--
Hyrum City Corporation	--	--	--	149	--	--	--	--	--	--	--
Hyrum (UT)	--	--	--	149	--	--	--	--	--	--	--
I-N-N Electric Coop Inc	--	202	--	--	--	--	--	*	--	--	3
I-N-N Electric (AK)	--	202	--	--	--	--	--	*	--	--	3
Idaho Falls Elec Light Dept	--	--	--	10,017	--	--	--	--	--	--	--
City Power Plant (ID)	--	--	--	1,948	--	--	--	--	--	--	--
Gem State (ID)	--	--	--	4,288	--	--	--	--	--	--	--
Lower (ID)	--	--	--	-14	--	--	--	--	--	--	--
Lower #1 (ID)	--	--	--	1,805	--	--	--	--	--	--	--
Upper Power Plant (ID)	--	--	--	1,990	--	--	--	--	--	--	--
Idaho Power Company	--	15	--	536,325	--	--	--	*	--	--	14
American Falls (ID)	--	--	--	1,436	--	--	--	--	--	--	--
Bliss (ID)	--	--	--	26,051	--	--	--	--	--	--	--
Brownlee (ID)	--	--	--	167,280	--	--	--	--	--	--	--

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Idaho Power Company											
Cascade (ID)	--	--	--	2,628	--	--	--	--	--	--	--
Clear Lake (ID)	--	--	--	1,371	--	--	--	--	--	--	--
Hells Canyon (OR)	--	--	--	143,341	--	--	--	--	--	--	--
Lower Malad (ID)	--	--	--	8,603	--	--	--	--	--	--	--
Lower Salmon (ID)	--	--	--	18,814	--	--	--	--	--	--	--
Milner (ID)	--	--	--	6,312	--	--	--	--	--	--	--
Oxbow (OR)	--	--	--	72,688	--	--	--	--	--	--	--
Salmon (ID)	--	15	--	--	--	--	--	*	--	--	*
Shoshone Falls (ID)	--	--	--	9,178	--	--	--	--	--	--	--
Strike, C J (ID)	--	--	--	35,355	--	--	--	--	--	--	--
Swan Falls (ID)	--	--	--	7,323	--	--	--	--	--	--	--
Thousand Springs (ID)	--	--	--	4,988	--	--	--	--	--	--	--
Twin Falls (ID)	--	--	--	6,005	--	--	--	--	--	--	--
Upper Malad (ID)	--	--	--	4,649	--	--	--	--	--	--	--
Upper Salmon (ID)	--	--	--	10,850	--	--	--	--	--	--	--
Upper Salmon (ID)	--	--	--	9,453	--	--	--	--	--	--	--
Wood River (ID)	--	--	--	--	--	--	--	*	--	--	14
Illinois Power Company											
Baldwin (IL)	992,993	4,151	2,437	--	682,115	--	479	9	25	785	94
Baldwin (IL)	632,184	839	--	--	--	--	309	2	--	444	4
Clinton (IL)	--	--	--	--	682,115	--	--	--	--	--	--
Havana (IL)	63,656	3,233	--	--	--	--	34	7	--	77	63
Hennepin (IL)	100,982	--	1,266	--	--	--	50	--	13	95	*
Oglesby (IL)	--	--	--	--	--	--	--	--	--	--	3
Stallings (IL)	--	-159	--	--	--	--	--	--	--	--	5
Vermilion (IL)	41,927	176	--	--	--	--	24	*	--	52	1
Wood River (IL) ..	154,244	62	1,171	--	--	--	63	*	12	116	19
Imperial City Of											
Imperial (NE)	--	--	--	--	--	--	--	--	--	--	--
Imperial Irrigation District											
Brawley (CA)	--	11	21,612	1,563	--	--	--	*	214	--	151
Coachella (CA)	--	2	281	--	--	--	--	*	4	--	12
Double Weir (CA)	--	--	--	--	--	--	--	--	--	--	--
Drop No 1 (CA)	--	--	--	300	--	--	--	--	--	--	--
Drop No. 5 (CA)	--	--	--	--	--	--	--	--	--	--	--
Drop 2 (CA)	--	--	--	183	--	--	--	--	--	--	--
Drop 3 (CA)	--	--	--	105	--	--	--	--	--	--	--
Drop 4 (CA)	--	--	--	131	--	--	--	--	--	--	--
E Highline (CA)	--	--	--	--	--	--	--	--	--	--	--
El Centro (CA)	--	--	21,197	--	--	--	--	--	208	--	119
Pilot Knob (CA)	--	--	--	844	--	--	--	--	--	--	--
Rockwood (CA)	--	9	134	--	--	--	--	*	2	--	20
Turnip (CA)	--	--	--	--	--	--	--	--	--	--	--
Independence City Of											
Independence (IA)	--	41	6	--	--	--	--	*	*	--	1
Independence (IA)	--	41	6	--	--	--	--	*	*	--	1
Independence City Of											
Blue Valley (MO)	--	-755	--	--	--	--	--	*	--	49	9
Jackson Square (MO)	--	-585	--	--	--	--	--	--	--	24	4
Missouri City (MO)	--	--	--	--	--	--	--	*	--	--	1
Station H (MO)	--	-170	--	--	--	--	--	--	--	25	1
Station I (MO)	--	--	--	--	--	--	--	--	--	--	2
Station I (MO)	--	--	--	--	--	--	--	--	--	--	2
Indiana & Michigan Power Co											
(AEP)	1,971,645	3,561	--	6,034	1,571,549	--	1,114	6	--	2,213	61
Berrien Springs (MI)	--	--	--	1,683	--	--	--	--	--	--	--
Breed (IN)	--	--	--	--	--	--	--	--	--	82	1
Buchanan (MI)	--	--	--	--	--	--	--	--	--	--	--
Constantine (MI)	--	--	--	395	--	--	--	--	--	--	--
Cook, Donald C. (MI)	--	--	--	--	1,571,549	--	--	--	--	--	--
Elkhart (IN)	--	--	--	955	--	--	--	--	--	--	--
Fourth Street (IN)	--	--	--	--	--	--	--	--	--	--	1
Mottville (MI)	--	--	--	747	--	--	--	--	--	--	--
Rockport (IN)	1,642,385	2,735	--	--	--	--	972	5	--	1,395	47

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)											
Tanners Creek (IN)	329,260	826	--	--	--	--	142	1	--	736	12
Twin Branch (IN)	--	--	--	2,254	--	--	--	--	--	--	--
Indiana Municipal Power Agency	--	16	90	--	--	--	--	*	2	--	7
Anderson (IN)	--	16	90	--	--	--	--	*	2	--	7
Indiana-Kentucky Electric Corp ...	755,302	270	--	--	--	--	328	*	--	508	3
Clifty Creek (IN)	755,302	270	--	--	--	--	328	*	--	508	3
Indianapolis Pwr & Lt Co	1,173,901	1,312	--	--	--	--	556	3	--	1,730	45
Perry K (IN)	-1,745	--	--	--	--	--	--	--	--	48	4
Perry W (IN)	--	-74	--	--	--	--	--	--	--	--	1
Petersburg (IN)	965,827	513	--	--	--	--	455	1	--	1,129	6
Pritchard, H T (IN)	44,158	256	--	--	--	--	22	*	--	150	9
Stout, Elmer W (IN)	165,661	617	--	--	--	--	80	2	--	403	24
Indianola Mun Light & Pwr	--	-38	-5	--	--	--	--	*	*	--	11
Indianola (IA)	--	-38	-5	--	--	--	--	*	*	--	11
Interstate Power Company	164,401	-68	185	--	--	--	101	*	6	442	31
Dubuque (IA)	14,215	-4	20	--	--	--	9	*	*	38	1
Fox Lake (MN)	--	-21	-326	--	--	--	--	--	--	27	22
Hills (MN)	--	-6	--	--	--	--	--	*	--	--	*
Kapp, M L (IA)	79,921	--	491	--	--	--	39	--	5	263	--
Lansing (IA)	70,265	84	--	--	--	--	53	*	--	114	2
Lime Creek (IA)	--	-93	--	--	--	--	--	*	--	--	5
Montgomery (MN)	--	-14	--	--	--	--	--	--	--	--	1
New Albin (IA)	--	-6	--	--	--	--	--	--	--	--	*
Rushford (MN)	--	-8	--	--	--	--	--	--	--	--	*
Iola Electric System	--	--	--	--	--	--	--	--	--	--	2
Iola (KS)	--	--	--	--	--	--	--	--	--	--	2
Iowa Electric Lt & Pwr Co	122,859	87	10,471	523	290,661	2,617	82	*	146	186	17
Ames (IA)	--	--	--	--	--	--	--	--	--	--	1
Anamosa (IA)	--	--	--	59	--	--	--	--	--	--	--
Arnold, Duane (IA)	--	--	--	--	290,661	--	--	--	--	--	--
Iowa Falls (IA)	--	--	--	9	--	--	--	--	--	--	--
Maquoketa (IA)	--	--	--	455	--	--	--	--	--	--	--
Marshalltown (IA)	--	-22	--	--	--	--	--	*	--	--	13
Prairie Creek (IA)	67,945	109	47	--	--	--	48	*	1	63	1
Sutherland (IA)	50,203	--	8,548	--	--	--	31	--	104	91	--
6Th Street (IA)	4,711	--	1,876	--	--	2,617	3	--	42	32	2
Iowa Southern Utilities Co	432,969	352	-108	--	--	--	285	1	--	712	18
Burlington (IA)	75,347	159	--	--	--	--	49	*	--	164	1
Centerville (IA)	--	-22	--	--	--	--	--	--	--	--	--
Grinnell (IA)	--	--	-108	--	--	--	--	--	--	--	--
Ottumwa (IA)	357,622	215	--	--	--	--	236	*	--	547	18
Iowa-Illinois Gas & Electric Co	315,699	-83	926	725	--	--	207	*	15	495	13
Coralville (IA)	--	--	-108	--	--	--	--	--	--	--	*
Louisa (IA)	313,851	8	805	--	--	--	204	*	8	378	11
Manson (IA)	--	--	--	--	--	--	--	--	--	--	--
Moline (IL)	--	-91	--	725	--	--	--	--	--	--	2
Riverside (IA)	1,848	--	229	--	--	--	3	--	7	117	--
Ipswich Mun Lt Dept	--	--	--	--	--	--	--	*	--	--	2
Ipswich (MA)	--	--	--	--	--	--	--	*	--	--	2
Jackson Power & Light Dept	--	-82	--	--	--	--	--	--	--	--	1
Jackson (MO)	--	-82	--	--	--	--	--	--	--	--	1
Jacksonville Electric Authority	890,054	78,913	2,087	--	--	--	351	136	27	548	930
Kennedy, J D (FL)	--	-476	--	--	--	--	--	*	3	--	77
Northside (FL)	--	72,540	717	--	--	--	--	123	7	--	733

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Jacksonville Electric Authority											
Southside (FL)	--	5,171	1,370	--	--	--	--	10	16	--	111
St. Johns River	890,054	1,678	--	--	--	--	351	3	--	548	9
Jamestown Board Of Pub											
Utilities	19,434	75	--	--	--	--	12	*	--	3	*
Carlson, S A (NY)	19,434	75	--	--	--	--	12	*	--	3	*
Janesville Mun Utilities	--	--	--	--	--	--	--	--	--	--	*
Janesville (MN)	--	--	--	--	--	--	--	--	--	--	*
Jasper Mun Electric Utility	5,654	--	--	--	--	--	4	--	--	*	--
Jasper 2 (IN)	5,654	--	--	--	--	--	4	--	--	*	--
Jersey Central Power & Light Co											
(GPS)	--	1,788	2,703	-7,616	--	--	--	7	50	--	617
Forked River (NJ)	--	--	297	--	--	--	--	--	5	--	15
Gardner, Glen (NJ)	--	68	--	--	--	--	--	*	--	--	19
Gilbert (NJ)	--	1,812	3,222	--	--	--	--	5	45	--	379
Sayreville (NJ)	--	189	-816	--	--	--	--	*	--	--	145
Werner (NJ)	--	-281	--	--	--	--	--	1	--	--	59
Yards Creek (NJ)	--	--	--	-7,616	--	--	--	--	--	--	--
Jetmore City Of	--	--	--	--	--	--	--	--	--	--	*
Jetmore (KS)	--	--	--	--	--	--	--	--	--	--	*
Johnson City Of	--	25	184	--	--	--	--	*	2	--	1
Johnson (KS)	--	25	184	--	--	--	--	*	2	--	1
Julesburg City Of	--	--	--	--	--	--	--	--	--	--	--
Julesburg (CO)	--	--	--	--	--	--	--	--	--	--	--
Kahoka Municipal Power Plant	--	11	116	--	--	--	--	*	2	--	*
Kahoka (MO)	--	11	116	--	--	--	--	*	2	--	*
Kansas City Bd Of Pub Util	195,625	285	1,590	--	--	--	132	1	20	238	12
Kaw (KS)	8,036	15	852	--	--	--	5	*	11	22	1
Nearman Creek (KS)	128,442	179	--	--	--	--	93	*	--	157	6
Quindaro (KS)	59,147	91	738	--	--	--	34	*	0	59	5
Kansas City Power & Light Co	1,290,831	218	1,472	--	--	--	786	1	16	1,438	113
Gardner (KS)	--	--	--	--	--	--	--	--	--	--	--
Grand Ave (MO)	--	--	--	--	--	--	--	--	--	--	--
Hawthorn (MO)	194,758	--	1,472	--	--	--	122	--	16	214	8
Iatan (MO)	433,465	87	--	--	--	--	247	*	--	339	10
La Cygne (KS)	444,877	267	--	--	--	--	274	*	--	663	20
Montrose (MO)	217,731	240	--	--	--	--	143	*	--	221	7
Northeast (MO)	--	-376	--	--	--	--	--	*	--	--	67
Kansas Gas & Electric Co	--	--	31,150	--	--	--	--	--	403	--	273
Evans, Gordon (KS)	--	--	-860	--	--	--	--	--	7	--	81
Gill, Murray (KS)	--	--	32,010	--	--	--	--	--	396	--	193
Kauai Electric Company	--	25,085	--	--	--	--	--	44	--	--	--
Port Allen (HI)	--	25,085	--	--	--	--	--	44	--	--	--
Kaukauna City Of	--	--	--	16,526	--	--	--	*	--	--	1
Combined Locks (WI)	--	--	--	5,156	--	--	--	--	--	--	--
Kaukauna (WI)	--	--	--	--	--	--	--	*	--	--	1
Kaukauna Hydro (WI)	--	--	--	3,582	--	--	--	--	--	--	--
Little Chute (WI)	--	--	--	2,281	--	--	--	--	--	--	--
New Badger (WI)	--	--	--	2,395	--	--	--	--	--	--	--
Old Badger (WI)	--	--	--	1,326	--	--	--	--	--	--	--
Rapide Croche (WI)	--	--	--	1,786	--	--	--	--	--	--	--
Kennett Board Of Public Works ..	--	13	68	--	--	--	--	*	*	--	7
Kennett (MO)	--	13	68	--	--	--	--	*	*	--	7

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	589,352	2,387	--	--	--	--	236	4	--	349	7
Big Sandy (KY)	589,352	2,387	--	--	--	--	236	4	--	349	7
Kentucky Utilities Company	1,245,638	701	-24	9,697	--	--	536	7	*	1,279	31
Brown, E W (KY)	138,990	122	--	--	--	--	62	5	--	316	6
Dix Dam (KY)	--	--	--	8,854	--	--	--	--	--	--	--
Ghent (KY)	1,055,424	668	--	--	--	--	450	2	--	863	11
Green River (KY)	51,323	40	--	--	--	--	25	*	--	80	2
Haefling (KY)	--	--	-24	--	--	--	--	--	*	--	7
Lock 7 (KY)	--	--	--	843	--	--	--	--	--	--	--
Pineville (KY)	-6	--	--	--	--	--	--	--	--	6	*
Tyrone (KY)	-93	-129	--	--	--	--	--	--	--	14	6
Kenyon Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Kenyon (MN)	--	--	--	--	--	--	--	--	--	--	--
Ketchikan Public Utilities	--	-156	--	15,188	--	--	--	*	--	--	5
Beaver Falls (AK)	--	--	--	3,200	--	--	--	--	--	--	--
Ketchikan (AK)	--	--	--	1,534	--	--	--	--	--	--	--
Ketchikan (AK)	--	-131	--	--	--	--	--	*	--	--	4
Silvis (AK)	--	--	--	1,261	--	--	--	--	--	--	--
Swan Lake (AK)	--	--	--	9,193	--	--	--	--	--	--	--
Totem Bight (AK)	--	-25	--	--	--	--	--	--	--	--	*
Key West, City Of	--	2,484	--	--	--	--	--	5	--	--	64
Big Pine (FL)	--	254	--	--	--	--	--	1	--	--	*
Cudjoe (FL)	--	286	--	--	--	--	--	1	--	--	1
Key West (FL)	--	-45	--	--	--	--	--	--	--	--	18
Stock Island (FL)	--	303	--	--	--	--	--	1	--	--	44
Stock Island D 1 (FL)	--	1,686	--	--	--	--	--	3	--	--	--
Kimball City Of	--	--	--	--	--	--	--	*	*	--	*
Kimball (NE)	--	--	--	--	--	--	--	*	*	--	*
Kimballton Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Kimballton (IA)	--	--	--	--	--	--	--	--	--	--	--
Kingfisher City Of	--	13	--	--	--	--	--	*	--	--	*
Kingfisher (OK)	--	13	--	--	--	--	--	*	--	--	*
Kingman City Of	--	257	2,851	--	--	--	--	1	32	--	2
Kingman (KS)	--	257	2,851	--	--	--	--	1	32	--	2
Kings River Conservation Dist	--	--	--	--	--	--	--	--	--	--	--
Pine Flat (CA)	--	--	--	--	--	--	--	--	--	--	--
Kissimmee City Of	--	1	23,905	--	--	--	--	*	306	--	11
Kissimmee (FL)	--	1	23,905	--	--	--	--	*	306	--	11
Kodiak Electric Assn, Inc	--	2,755	--	6,634	--	--	--	5	--	--	1
Kodiak A (AK)	--	2,764	--	--	--	--	--	5	--	--	1
Port Lions (AK)	--	-9	--	--	--	--	--	--	--	--	*
Terror Lake AK)	--	--	--	6,634	--	--	--	--	--	--	--
Kotzebue Electric Assn, Inc	--	1,602	--	--	--	--	--	3	--	--	21
Kotzebue (AK)	--	1,602	--	--	--	--	--	3	--	--	21
La Crosse City Of	--	--	--	--	--	--	--	--	--	--	--
Larned (KS)	--	--	--	--	--	--	--	--	--	--	--
La Junta Municipal Utilities	--	-124	--	--	--	--	--	*	--	--	4
La Junta (CO)	--	-124	--	--	--	--	--	*	--	--	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, January 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	--	--	11,597	--	--	--	--	--	154	--	120
Doc Bonin (LA)	--	--	11,630	--	--	--	--	--	154	--	120
Rodemacher (LA)	--	--	-33	--	--	--	--	--	--	--	--
Lake Crystal Mun Utilities Co	--	--	--	--	--	--	--	--	--	--	1
Lake Crystal (MN)	--	--	--	--	--	--	--	--	--	--	1
Lake Lure Elec Pwr Facility	--	--	--	1,875	--	--	--	--	--	--	--
Lake Lure (NC)	--	--	--	1,875	--	--	--	--	--	--	--
Lake Mills Mun Light Plant	--	-47	--	--	--	--	--	--	--	--	1
Lake Mills (IA)	--	-47	--	--	--	--	--	--	--	--	1
Lake Park Mun Utilities	--	--	--	--	--	--	--	--	--	--	--
Lake Park (IA)	--	--	--	--	--	--	--	--	--	--	--
Lake Worth Utilities Authority	--	-29	13,495	--	--	--	--	*	165	--	12
Smith, Tom G (FL)	--	-29	13,495	--	--	--	--	*	165	--	12
Lakeland, Cty Of Dpt Of Elec & Wtr	182,256	1,764	30,842	--	--	--	73	6	310	156	180
Larsen Memorial (FL)	--	207	29,820	--	--	--	--	1	297	--	67
Mcintosh, C D (FL)	182,256	1,557	1,022	--	--	--	73	5	14	156	113
Lamar Utilities Brd Of	--	--	8,272	--	--	--	--	--	112	--	6
Lamar (CO)	--	--	8,272	--	--	--	--	--	112	--	6
Lamoni Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Lamoni (IA)	--	--	--	--	--	--	--	--	--	--	*
Lanesboro Public Utilities	--	--	--	--	--	--	--	--	--	--	--
Lansboro (MN)	--	--	--	--	--	--	--	--	--	--	--
Lansing Board Of Wtr & Lt	156,607	418	--	343	--	--	65	1	--	190	1
Eckert Station (MI)	68,866	327	--	--	--	--	30	1	--	38	1
Erickson (MI)	87,741	91	--	--	--	--	34	*	--	153	*
Moore's Park (MI)	--	--	--	343	--	--	--	--	--	--	--
Ottawa Street (MI)	--	--	--	--	--	--	--	--	--	--	--
Larned Mun Power Plant	--	1	20	--	--	--	--	*	*	--	4
Larned (KS)	--	--	--	--	--	--	--	--	--	--	--
Larned (KS)	--	1	20	--	--	--	--	*	*	--	4
Larsen Bay City Of	--	--	--	29	--	--	--	*	--	--	--
Larsen (AK)	--	--	--	29	--	--	--	*	--	--	--
Las Animas Mun Lt & Pwr	--	-32	--	--	--	--	--	*	--	--	*
Las Animas (CO)	--	-32	--	--	--	--	--	*	--	--	*
Laurel Mun Power Plant	--	--	--	--	--	--	--	--	--	--	*
Laurel (NE)	--	--	--	--	--	--	--	--	--	--	*
Laurens Mun Lt & Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Laurens (IA)	--	--	--	--	--	--	--	--	--	--	--
Lea County Elec Coop, Inc	--	--	--	--	--	--	--	--	--	--	--
North Lovington (NM)	--	--	--	--	--	--	--	--	--	--	--
Lebanon City Of	--	--	--	--	--	--	--	--	--	--	1
Lebanon (OH)	--	--	--	--	--	--	--	--	--	--	1
Lenox Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Lenox (IA)	--	--	--	--	--	--	--	--	--	--	--
Lewiston Public Works	--	--	--	256	--	--	--	--	--	--	--
Andro Upper (ME)	--	--	--	256	--	--	--	--	--	--	--
Lincoln City Of	--	11	--	--	--	--	--	*	*	--	*
Lincoln (KS)	--	11	--	--	--	--	--	*	*	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	48	5	--	--	--	--	*	*	--	7
Lincoln J Street (NE)	--	23	--	--	--	--	--	*	--	--	2
Rokeby (NE)	--	25	5	--	--	--	--	*	*	--	5
Lindsay Public Works Authority ..	--	--	--	--	--	--	--	--	--	--	*
Lindsay (OK)	--	--	--	--	--	--	--	--	--	--	*
Litchfield City Of	--	5	1	--	--	--	--	*	*	--	*
Litchfield (MN)	--	5	1	--	--	--	--	*	*	--	*
Lockhart Power Company	--	--	--	10,661	--	--	--	--	--	--	--
Lockhart (SC)	--	--	--	10,661	--	--	--	--	--	--	--
Lodgepole City Of	--	--	--	--	--	--	--	--	--	--	--
Lodgepole (NE)	--	--	--	--	--	--	--	--	--	--	--
Logan City Municipal Elect Lght	--	--	--	--	--	--	--	--	--	--	--
Plt	--	-47	--	520	--	--	--	--	--	--	1
Logan (UT)	--	--	--	21	--	--	--	--	--	--	--
Logan 2 (UT)	--	--	--	499	--	--	--	--	--	--	--
Logon Diesel (UT)	--	-47	--	--	--	--	--	--	--	--	1
Logansport Municipal Utilities	7,982	--	1,329	--	--	--	5	--	33	7	2
Logansport (IN)	7,982	--	1,329	--	--	--	5	--	33	7	2
Long Island Lighting Company	--	542,523	178,668	--	--	--	--	902	1,881	--	2,336
Barrett, E F (NY)	--	882	172,333	--	--	--	--	2	1,782	--	442
Brookhaven (NY)	--	364	--	--	--	--	--	1	--	--	38
East Hampton (NY)	--	-14	--	--	--	--	--	*	--	--	3
Far Rockway (NY)	--	-454	--	--	--	--	--	--	--	--	35
Glenwood (NY)	--	42	6,335	--	--	--	--	*	100	--	32
Holbrook (NY)	--	961	--	--	--	--	--	2	--	--	99
Montauk (NY)	--	-3	--	--	--	--	--	*	--	--	1
Northport (NY)	--	428,050	--	--	--	--	--	708	--	--	1,195
Port Jefferson (NY)	--	112,629	--	--	--	--	--	189	--	--	456
Shoreham (NY)	--	49	--	--	--	--	--	*	--	--	20
Southampton (NY)	--	10	--	--	--	--	--	*	--	--	2
Southold (NY)	--	-6	--	--	--	--	--	*	--	--	3
West Babylon (NY)	--	13	--	--	--	--	--	*	--	--	10
Longmont City Of	--	--	--	325	--	--	--	--	--	--	--
Longmont (CO)	--	--	--	325	--	--	--	--	--	--	--
Los Angeles Dept Of Water And	--	--	--	--	--	--	--	--	--	--	--
Power	1,144,037	860	431,583	3,327	--	557	471	1	4,464	1,133	3,340
Big Pine Creek (CA)	--	--	--	644	--	--	--	--	--	--	--
Castaic (CA)	--	--	--	-13,669	--	--	--	--	--	--	--
Control Gorge (CA)	--	--	--	635	--	--	--	--	--	--	--
Cottonwood (CA)	--	--	--	402	--	--	--	--	--	--	--
Division Creek (CA)	--	--	--	325	--	--	--	--	--	--	--
Foothill (CA)	--	--	--	-5	--	--	--	--	--	--	--
Franklin Canyon (CA)	--	--	--	523	--	--	--	--	--	--	--
Haiwee (CA)	--	--	--	-9	--	--	--	--	--	--	--
Harbor (CA)	--	--	-109	--	--	--	--	--	--	--	16
Haynes (CA)	--	--	227,319	--	--	--	--	--	2,298	--	2,500
Intermountain (UT)	1,144,037	860	--	--	--	--	471	1	--	1,133	8
Middle Gorge (CA)	--	--	--	524	--	--	--	--	--	--	--
Pleasant Valley (CA)	--	--	--	-14	--	--	--	--	--	--	--
San Fernando (CA)	--	--	--	1,893	--	--	--	--	--	--	--
San Francisquito 1 (CA)	--	--	--	7,564	--	--	--	--	--	--	--
San Francisquito 2 (CA)	--	--	--	3,982	--	--	--	--	--	--	--
Sawtelle (CA)	--	--	--	--	--	--	--	--	--	--	--
Scattergood (CA)	--	--	203,165	--	--	557	--	--	2,074	--	376
Upper Gorge (CA)	--	--	--	532	--	--	--	--	--	--	--
Valley (CA)	--	--	1,208	--	--	--	--	--	92	--	440
Louisiana Power & Light Co	--	--	--	--	--	--	--	--	--	--	--
(MSU)	--	39,132	498,465	--	797,871	--	--	79	5,338	--	707

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Louisiana Power & Light Co											
(MSU)											
Buras (LA)	--	--	--	--	--	--	--	--	--	--	1
Little Gypsy (LA)	--	--	122,226	--	--	--	--	--	1,382	--	136
Monroe (LA)	--	--	--	--	--	--	--	--	--	--	--
Nine Mile Point (LA)	--	--	312,230	--	--	--	--	--	3,260	--	233
Sterlington (LA)	--	--	-685	--	--	--	--	--	--	--	26
Thibodaux (LA)	--	--	--	--	--	--	--	--	--	--	--
Waterford (LA)	--	--	--	--	797,871	--	--	--	--	--	--
Waterford (LA)	--	39,132	64,694	--	--	--	--	79	696	--	311
Louisville Gas & Electric Co	984,753	1,774	644	14,034	--	--	460	3	6	779	32
Cane Run (KY)	155,515	21	419	--	--	--	69	*	4	60	2
Mill Creek (KY)	560,669	1,580	225	--	--	--	245	3	2	478	27
Ohio Falls (KY)	--	--	--	14,034	--	--	--	--	--	--	--
Paddys Run (KY)	--	--	--	--	--	--	--	--	--	--	--
Trimble County (KY)	268,569	173	--	--	--	--	145	*	--	240	3
Waterside (KY)	--	--	--	--	--	--	--	--	--	--	--
Zorn (KY)	--	--	--	--	--	--	--	--	--	--	--
Lowell Light & Power	--	--	3	--	--	--	--	*	*	--	*
Lowell (MI)	--	--	3	--	--	--	--	*	*	--	*
Lower Colorado River Authority .	949,829	1,026	96,510	13,754	--	--	564	2	986	918	173
Austin (TX)	--	--	--	--	--	--	--	--	--	--	--
Buchanan (TX)	--	--	--	650	--	--	--	--	--	--	--
Granite Shoals (TX)	--	--	--	2,176	--	--	--	--	--	--	--
Inks (TX)	--	--	--	444	--	--	--	--	--	--	--
Mansfield (TX)	--	--	--	9,118	--	--	--	--	--	--	--
Marble Falls (TX)	--	--	--	1,366	--	--	--	--	--	--	--
Sam K Seymour, Jr (TX)	949,829	1,026	--	--	--	--	564	2	--	918	15
Sim Gideon (TX)	--	--	36,059	--	--	--	--	--	385	--	78
T. C. Ferguson (TX)	--	--	60,451	--	--	--	--	--	601	--	81
Lower Valley Power & Light, Inc.	--	--	--	436	--	--	--	--	--	--	--
Strawberry Creek (WY)	--	--	--	436	--	--	--	--	--	--	--
Lubbock City Of (Power & Light											
Dept)	--	--	53,711	--	--	--	--	--	584	--	11
Holly Ave (TX)	--	--	39,600	--	--	--	--	--	437	--	11
LP&L Co GEN	--	--	14,131	--	--	--	--	--	146	--	--
Plant 2 (TX)	--	--	-20	--	--	--	--	--	--	--	--
Luverne City Of	--	--	--	--	--	--	--	--	--	--	*
Luverne (MN)	--	--	--	--	--	--	--	--	--	--	*
Lyndonville Electric Department .	--	--	--	593	--	--	--	--	--	--	--
Great Falls (VT)	--	--	--	424	--	--	--	--	--	--	--
Vail (VT)	--	--	--	169	--	--	--	--	--	--	--
M & A Electric Power											
Cooperative	--	-53	--	--	--	--	--	--	--	--	*
Green Forest (MO)	--	-53	--	--	--	--	--	--	--	--	*
Macon Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Macon (MO)	--	--	--	--	--	--	--	--	--	--	*
Madelia Mun Lt & Pwr Plant	--	--	--	--	--	--	--	--	--	--	*
Madelia (MN)	--	--	--	--	--	--	--	--	--	--	*
Madison City Of	--	--	--	164	--	--	--	--	--	--	--
Norridgewick (ME)	--	--	--	164	--	--	--	--	--	--	--
Madison Gas & Electric Co	5,416	--	761	--	--	--	4	*	22	13	14
Blount Street (WI)	5,416	--	710	--	--	--	4	--	20	13	3
Fitchburg (WI)	--	--	82	--	--	--	--	*	2	--	5
Nine Springs (WI)	--	--	-16	--	--	--	--	--	--	--	1
Sycamore (WI)	--	--	-15	--	--	--	--	--	--	--	5

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	2,174	--	552	--	--	--	5	--	--	12
Caribou (ME)	--	2,075	--	423	--	--	--	5	--	--	12
Flos Inn (ME)	--	107	--	--	--	--	--	*	--	--	*
Houlton (ME)	--	-8	--	--	--	--	--	--	--	--	*
Squa Pan (ME)	--	--	--	129	--	--	--	--	--	--	--
Maine Yankee Atomic Power											
Company	--	--	--	--	597,833	--	--	--	--	--	--
Maine Yankee (ME)	--	--	--	--	597,833	--	--	--	--	--	--
Malden City Of	--	12	7	--	--	--	--	*	*	--	1
Malden (MO)	--	12	7	--	--	--	--	*	*	--	1
Mangum City Of	--	17	166	--	--	--	--	*	2	--	2
Mangum (OK)	--	17	166	--	--	--	--	*	2	--	2
Manilla Mun Service Dept											
Manilla (IA)	--	--	--	--	--	--	--	--	--	--	--
Manitowoc Public Utilities	19,560	2,752	127	--	--	--	9	*	2	27	1
Manitowoc (WI)	19,560	2,752	127	--	--	--	9	*	2	27	1
Manley Utility Company Inc	--	25	--	--	--	--	--	*	--	--	*
Manley (AK)	--	25	--	--	--	--	--	*	--	--	*
Manning Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Manning (IA)	--	--	--	--	--	--	--	--	--	--	--
Manti City Corp Light & Power											
Dept	--	--	--	1,505	--	--	--	--	--	--	--
Lower (UT)	--	--	--	300	--	--	--	--	--	--	--
Manti (UT)	--	--	--	1,205	--	--	--	--	--	--	--
Maquoketa Mun Lt & Pwr	--	4	12	--	--	--	--	*	1	--	1
Maquoketa (IA)	--	4	12	--	--	--	--	*	1	--	1
Marblehead Municipal Light Dept											
Commerce St 2 (MA)	--	9	--	--	--	--	--	*	--	--	1
Wilkins Station (MA)	--	9	--	--	--	--	--	*	--	--	1
Marquette Bd Of Lt & Pwr	22,752	42	--	1,261	--	--	16	*	--	53	4
Plant Four (MI)	--	--	--	--	--	--	--	--	--	--	4
Plant Two (MI)	--	--	--	962	--	--	--	--	--	--	--
Russell, Frank J (MI)	--	--	--	299	--	--	--	--	--	--	--
Shiras (MI)	22,752	42	--	--	--	--	16	*	--	53	1
Marshall City Wtr & Elec Works ..	--	--	--	217	--	--	--	--	--	--	1
Marshall (MI)	--	--	--	217	--	--	--	--	--	--	1
Marshall Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Marshall (MN)	--	--	--	--	--	--	--	--	--	--	--
Marshall Municipal Utilities	4,927	-36	703	--	--	--	3	--	12	1	3
Marshall (MO)	4,927	-36	703	--	--	--	3	--	12	1	3
Marshfield Electric & Water Dept											
Wildwood (WI)	--	--	--	--	--	--	--	--	--	--	--
Martinsville Electric Department ..	--	--	--	357	--	--	--	--	--	--	--
Martinsville (VA)	--	--	--	357	--	--	--	--	--	--	--
Mascoutah City Of (Pwr & Lt											
Dept)	--	14	--	--	--	--	--	*	--	--	1
Mascoutah (IL)	--	14	--	--	--	--	--	*	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	997	3,027	--	--	--	--	2	31	--	140
Stonybrook (MA)	--	997	3,027	--	--	--	--	2	31	--	140
Maui Electric Co, Ltd		71,189	--	--	--	--	--	135	--	--	85
Cook (HI)	--	2,620	--	--	--	--	--	5	--	--	*
Kahului (HI)	--	20,172	--	--	--	--	--	45	--	--	47
Lanai City (HI)	--	922	--	--	--	--	--	2	--	--	*
Maalaea (HI)	--	46,446	--	--	--	--	--	79	--	--	37
Miki Basin (HI)	--	1,029	--	--	--	--	--	4	--	--	*
Mcgrath Light & Power Co		301	--	--	--	--	--	1	--	--	3
Mcgrath (AK)	--	301	--	--	--	--	--	1	--	--	3
Mcgregor Municipal Utilities		--	--	--	--	--	--	--	--	--	*
Mc Gregor (IA)	--	--	--	--	--	--	--	--	--	--	*
Mcleansboro City Of		--	--	--	--	--	--	*	--	--	*
Mc Leansboro (IL)	--	--	--	--	--	--	--	*	--	--	*
Mcpherson Board Of Public Util		--	514	--	--	--	--	--	7	--	16
Plant No. 1 (KS)	--	--	--	--	--	--	--	--	--	--	*
Plant No. 2 (KS)	--	--	514	--	--	--	--	--	7	--	16
Meade City Of		29	341	--	--	--	--	*	4	--	*
Meade (KS)	--	29	341	--	--	--	--	*	4	--	*
Medina Electric Coop, Inc		--	452	--	--	--	--	--	9	--	21
Pearsall (TX)	--	--	452	--	--	--	--	--	9	--	21
Melrose Water, Lt & Pwr & Bldg		--	--	--	--	--	--	--	--	--	--
Comm	--	--	--	--	--	--	--	--	--	--	--
Melrose (MN)	--	--	--	--	--	--	--	--	--	--	--
Memphis Lt Gas & Wtr Division		18	--	--	--	--	--	*	--	--	*
Memphis (MO)	--	18	--	--	--	--	--	*	--	--	*
Menasha Electric & Water		--	--	--	--	--	--	--	--	1	--
Utilities	--	--	--	--	--	--	--	--	--	1	--
Menasha (WI)	--	--	--	--	--	--	--	--	--	--	--
Merced Irrigation District		--	--	-94	--	--	--	--	--	--	--
Canal Creek (CA)	--	--	--	--	--	--	--	--	--	--	--
Exchequer (CA)	--	--	--	-68	--	--	--	--	--	--	--
Fairfield (CA)	--	--	--	--	--	--	--	--	--	--	--
Mcswain (CA)	--	--	--	-26	--	--	--	--	--	--	--
Parker (CA)	--	--	--	--	--	--	--	--	--	--	--
Merrilan Light & Water Dept		--	--	26	--	--	--	--	--	--	*
Merrilan (WI)	--	--	--	26	--	--	--	--	--	--	*
Metlakatla Power & Light		656	--	1,808	--	--	--	1	--	--	3
Centennial (AK)	--	656	--	--	--	--	--	1	--	--	3
Chester Lake (AK)	--	--	--	397	--	--	--	--	--	--	--
Leffel Turbine (AK)	--	--	--	1,411	--	--	--	--	--	--	--
Metropolitan Edison Co (GPS)	246,572	2,450	947	11,370	--	--	96	5	11	260	31
Hamilton (PA)	--	36	--	--	--	--	--	*	--	--	4
Hunterstown (PA)	--	29	127	--	--	--	--	*	2	--	2
Mountain (PA)	--	90	447	--	--	--	--	1	5	--	2
Orrtanna (PA)	--	--	--	--	--	--	--	--	--	--	2
Portland (PA)	156,078	878	116	--	--	--	59	2	1	177	9
Shawnee (PA)	--	103	--	--	--	--	--	*	--	--	2
Titus (PA)	90,494	808	257	--	--	--	37	2	3	82	4
Tolna (PA)	--	506	--	--	--	--	--	1	--	--	5
Yorkhaven (PA)	--	--	--	11,370	--	--	--	--	--	--	--
Metropolitan Wtr Dist Of So Calif	--	--	--	16,940	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	1,809	--	--	--	--	--	--	--
Coyote Creek (CA)	--	--	--	1,680	--	--	--	--	--	--	--
Foothill Feeder (CA)	--	--	--	4,104	--	--	--	--	--	--	--
Greg Avenue (CA)	--	--	--	--	--	--	--	--	--	--	--
Lake Mathews (CA)	--	--	--	2,832	--	--	--	--	--	--	--
Perris (CA)	--	--	--	--	--	--	--	--	--	--	--
Red Mountain (CA)	--	--	--	822	--	--	--	--	--	--	--
Rio Hondo (CA)	--	--	--	838	--	--	--	--	--	--	--
San Dimas (CA)	--	--	--	1,062	--	--	--	--	--	--	--
Sepulv Cyn (CA)	--	--	--	--	--	--	--	--	--	--	--
Temescal (CA)	--	--	--	1,791	--	--	--	--	--	--	--
Valley View (CA)	--	--	--	484	--	--	--	--	--	--	--
Venice (CA)	--	--	--	--	--	--	--	--	--	--	--
Yorba Linda (CA)	--	--	--	1,518	--	--	--	--	--	--	--
Mich So Central Pwr Agency	25,111	89	--	--	--	--	14	*	--	24	7
Project I (MI)	25,111	89	--	--	--	--	14	*	--	24	7
Mid-State Service Company	--	--	--	130	--	--	--	--	--	--	--
Irving (MI)	--	--	--	130	--	--	--	--	--	--	--
Midwest Energy Inc	--	-245	--	--	--	--	--	*	1	--	23
Atwood (KS)	--	-1	--	--	--	--	--	--	--	--	*
Bird City (KS)	--	-20	--	--	--	--	--	--	--	--	*
Colby (KS)	--	-85	--	--	--	--	--	*	1	--	6
Ellis (KS)	--	-15	--	--	--	--	--	--	--	--	1
Great Bend (KS)	--	-20	--	--	--	--	--	--	--	--	*
Hays (KS)	--	-66	--	--	--	--	--	--	--	--	5
Hoxie (KS)	--	-1	--	--	--	--	--	--	--	--	*
Ross Beach (KS)	--	-35	--	--	--	--	--	--	--	--	11
Wakeeney (KS)	--	-2	--	--	--	--	--	--	--	--	*
Midwest Power Co	1,333,382	1,091	4,991	--	--	--	833	3	62	1,681	67
Council Bluffs (IA)	432,626	1,126	330	--	--	--	296	2	4	538	8
Electriform (IA)	--	--	87	--	--	--	--	--	3	--	16
Neal, George (IA)	900,756	143	3,526	--	--	--	537	*	37	1,144	13
Parr (IA)	--	-16	--	--	--	--	--	*	--	--	7
Pleasant Hill (IA)	--	-120	--	--	--	--	--	*	--	--	13
River Hills (IA)	--	33	1,123	--	--	--	--	*	18	--	3
Sycamore (IA)	--	-75	-75	--	--	--	--	--	--	--	7
Milford Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Milford (IA)	--	--	--	--	--	--	--	--	--	--	--
Minden City Of	--	7	108	--	--	--	--	*	1	--	2
Minden (LA)	--	7	108	--	--	--	--	*	1	--	2
Minneapolis City Of	--	3	59	--	--	--	--	*	1	--	*
Minneapolis (KS)	--	3	59	--	--	--	--	*	1	--	*
Minnesota Power & Light Co	616,825	338	--	34,670	--	--	367	1	--	368	8
Aurora (MN)	10,467	83	--	--	--	--	8	*	--	31	*
Blanchard (MN)	--	--	--	4,692	--	--	--	--	--	--	--
Boswell, Clay (MN)	606,358	255	--	--	--	--	359	*	--	337	7
Fond Du Lac (MN)	--	--	--	4,029	--	--	--	--	--	--	--
Hibbard, M L (MN)	--	--	--	--	--	--	--	--	--	--	--
Knife Fal's (MN)	--	--	--	892	--	--	--	--	--	--	--
Little Falls (MN)	--	--	--	2,366	--	--	--	--	--	--	--
Pillager (MN)	--	--	--	337	--	--	--	--	--	--	--
Prairie River (MN)	--	--	--	175	--	--	--	--	--	--	--
Scanlon (MN)	--	--	--	656	--	--	--	--	--	--	--
Sylvan (MN)	--	--	--	402	--	--	--	--	--	--	--
Thompson (MN)	--	--	--	19,697	--	--	--	--	--	--	--
Winton (MN)	--	--	--	1,424	--	--	--	--	--	--	--
Minnkota Power Coop, Inc	449,563	341	--	--	--	--	386	1	--	513	3
Grand Forks (ND)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	449,563	341	--	--	--	--	386	1	--	513	3
Mission Valley Power	--	--	--	74	--	--	--	--	--	--	--
Helroaring (MT)	--	--	--	74	--	--	--	--	--	--	--
Mississippi Power & Light Co											
(MSU)	--	-1,068	-2,566	--	--	--	--	2	--	--	749
Andrus (MS)	--	--	-921	--	--	--	--	1	--	--	447
Brown, Rex (MS)	--	-690	--	--	--	--	--	--	--	--	36
Delta (MS)	--	-326	--	--	--	--	--	--	--	--	58
Natchez (MS)	--	-52	--	--	--	--	--	*	--	--	3
Wilson, B (MS)	--	--	-1,645	--	--	--	--	1	--	--	205
Mississippi Power Co (SC)	410,643	486	53,519	--	--	--	173	1	1,318	518	84
Daniel, Victor J Jr. (MS)	120,680	486	--	--	--	--	56	1	--	286	6
Eaton (MS)	--	--	--	--	--	--	--	--	--	--	9
Standard Oil (MS)	--	--	52,140	--	--	--	--	--	1,304	--	--
Sweatt (MS)	--	--	18	--	--	--	--	--	1	--	36
Watson (MS)	289,963	--	1,361	--	--	--	116	--	14	232	32
Missouri Basin Mun Power											
Agency	--	--	--	--	--	--	--	--	--	--	--
Watertown (SD)	--	--	--	--	--	--	--	--	--	--	--
Modesto Irrigation Dist	--	11	177	-1	--	--	--	*	4	--	18
McClure (CA)	--	11	177	--	--	--	--	*	4	--	18
New Hogan (CA)	--	--	--	--	--	--	--	--	--	--	--
Stone Drop (CA)	--	--	--	-1	--	--	--	--	--	--	--
Monongahela Power Co (APS)	2,435,864	4,248	1,055	--	--	--	941	7	10	2,669	18
Albright (WV)	80,222	194	--	--	--	--	35	*	--	139	2
Fort Martin (WV)	407,408	2,978	--	--	--	--	154	5	--	689	3
Harrison (WV)	1,186,990	--	1,055	--	--	--	437	--	10	902	3
Pleasants (WV)	753,271	996	--	--	--	--	310	2	--	809	10
Rivesville (WV)	-548	--	--	--	--	--	--	*	--	41	1
Willow Island (WV)	8,521	80	--	--	--	--	4	*	--	89	*
Monroe City Of	--	31	6	--	--	--	--	*	*	--	1
Monroe (MO)	--	31	6	--	--	--	--	*	*	--	1
Monroe Power And Light Dept	--	--	--	200	--	--	--	--	--	--	--
Lower (UT)	--	--	--	74	--	--	--	--	--	--	--
Mon Pump St (UT)	--	--	--	27	--	--	--	--	--	--	--
Monroe Upr (UT)	--	--	--	99	--	--	--	--	--	--	--
Montana Power Company, The	1,608,166	342	375	289,893	--	--	1,019	1	3	711	13
Black Eagle (MT)	--	--	--	9,655	--	--	--	--	--	--	--
Cochrane (MT)	--	--	--	20,227	--	--	--	--	--	--	--
Colstrip (MT)	1,495,715	337	--	--	--	--	947	1	--	653	13
Corette, J E (MT)	112,451	--	375	--	--	--	72	--	3	58	--
Frank Bird (MT)	--	--	--	--	--	--	--	--	--	--	--
Hauser Lake (MT)	--	--	--	12,216	--	--	--	--	--	--	--
Holter (MT)	--	--	--	21,365	--	--	--	--	--	--	--
Kerr (MT)	--	--	--	111,212	--	--	--	--	--	--	--
Lake Diesel (MT)	--	--	--	--	--	--	--	--	--	--	--
Madison (MT)	--	--	--	4,958	--	--	--	--	--	--	--
Milltown (MT)	--	--	--	661	--	--	--	--	--	--	--
Morony (MT)	--	--	--	21,677	--	--	--	--	--	--	--
Mystic Lake (MT)	--	--	--	2,741	--	--	--	--	--	--	--
Rainbow (MT)	--	--	--	22,279	--	--	--	--	--	--	--
Ryan (MT)	--	--	--	33,815	--	--	--	--	--	--	--
Thompson Falls (MT)	--	--	--	29,087	--	--	--	--	--	--	--
Yellowstone (MT)	--	5	--	--	--	--	--	*	--	--	1
Montana-Dakota Utilities Co	296,388	2,085	19	--	--	--	255	4	1	290	7

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	235,910	2,085	--	--	--	--	197	4	--	238	3
Glendive (MT)	--	--	37	--	--	--	--	--	1	--	2
Heskest (ND)	39,873	--	--	--	--	--	37	--	--	40	--
Lewis & Clark (MT)	20,605	--	6	--	--	--	21	--	*	12	--
Miles City (MT)	--	--	-21	--	--	--	--	--	--	--	2
Williston (ND)	--	--	-3	--	--	--	--	--	*	--	--
Montaup Electric Co (EU)	30,774	5,115	--	--	--	--	14	10	--	86	65
Somerset (MA)	30,774	5,115	--	--	--	--	14	10	--	86	65
Montezuma Mun Elec Lt & Pwr	--	--	--	--	--	--	--	--	--	--	*
Montezuma (IA)	--	--	--	--	--	--	--	--	--	--	*
Moon Lake Electric Assn, Inc	--	--	--	690	--	--	--	--	--	--	--
Uintah (UT)	--	--	--	458	--	--	--	--	--	--	--
Yellowstone (UT)	--	--	--	232	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	*	--	--
Morgan City (LA)	--	--	--	--	--	--	--	--	*	--	--
Morrisville Water & Light Dept	--	--	--	907	--	--	--	--	--	--	--
Cadys Falls (VT)	--	--	--	343	--	--	--	--	--	--	--
Morrisville (VT)	--	--	--	485	--	--	--	--	--	--	--
W K Sanders (VT)	--	--	--	79	--	--	--	--	--	--	--
Mount Pleasant Mun Utils	--	--	--	--	--	--	--	--	--	--	*
Mt Pleasant (IA)	--	--	--	--	--	--	--	--	--	--	*
Mount Pleasant Municipal	--	--	--	238	--	--	--	--	--	--	--
Lower (UT)	--	--	--	71	--	--	--	--	--	--	--
Upper (UT)	--	--	--	167	--	--	--	--	--	--	--
Mountain Lake Municipal Util	--	--	--	--	--	--	--	--	--	--	*
Mountain Lake (MN)	--	--	--	--	--	--	--	--	--	--	*
Mullen, Village Of	--	2	--	--	--	--	--	*	--	--	*
Mullen (NE)	--	2	--	--	--	--	--	*	--	--	*
Mulvane City Of	--	--	--	--	--	--	--	--	--	--	*
Mulvane (KS)	--	--	--	--	--	--	--	--	--	--	*
Murray City Corporation	--	2	5	126	--	--	--	*	*	--	*
Diesel (UT)	--	2	5	--	--	--	--	*	*	--	*
Little Cottonwood (UT)	--	--	--	126	--	--	--	--	--	--	--
Muscatine City Of	119,099	2	507	--	--	--	57	*	5	117	2
Muscatine (IA)	119,099	2	507	--	--	--	57	*	5	117	2
Muscoda Light & Water Comm	--	--	--	--	--	--	--	--	--	--	--
Muscoda (WI)	--	--	--	--	--	--	--	--	--	--	--
Naknek Electric Assn, Inc	--	1,741	--	--	--	--	--	3	--	--	21
Naknek (AK)	--	1,741	--	--	--	--	--	3	--	--	21
Nantahala Power & Light Co	--	--	--	66,624	--	--	--	--	--	--	--
Bear Creek (NC)	--	--	--	4,992	--	--	--	--	--	--	--
Bryson (NC)	--	--	--	351	--	--	--	--	--	--	--
Cedar Cliff (NC)	--	--	--	3,785	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	122	--	--	--	--	--	--	--
Mission (NC)	--	--	--	464	--	--	--	--	--	--	--
Nantahala (NC)	--	--	--	33,182	--	--	--	--	--	--	--
Queens Creek (NC)	--	--	--	921	--	--	--	--	--	--	--
Tennessee Creek (NC)	--	--	--	6,752	--	--	--	--	--	--	--
Thorpe (NC)	--	--	--	14,148	--	--	--	--	--	--	--
Tuckasegee (NC)	--	--	--	1,816	--	--	--	--	--	--	--
Nantucket Electric Company	--	7,784	--	--	--	--	--	13	--	--	7
Nantucket (MA)	--	7,784	--	--	--	--	--	13	--	--	7
Natchitoches City Of	--	--	--	--	--	--	--	--	--	--	--
Natchitoches (LA)	--	--	--	--	--	--	--	--	--	--	--
National Hydro	--	--	--	1,763	--	--	--	--	--	--	--
Dayton (IL)	--	--	--	1,763	--	--	--	--	--	--	--
Nebraska City Utilities	--	55	865	--	--	--	--	*	10	--	--
Nebraska City (NE)	--	51	804	--	--	--	--	*	8	--	--
Syracuse No 2 (NE)	--	4	61	--	--	--	--	*	2	--	--
Nebraska Public Power District ...	769,298	204	5,205	10,727	557,613	--	466	*	58	924	18
Columbus (NE)	--	--	--	2,184	--	--	--	--	--	--	--
Cooper (NE)	--	--	--	--	557,613	--	--	--	--	--	--
David City (NE)	--	2	6	--	--	--	--	*	*	--	*
Gentleman (NE)	677,108	--	5,055	--	--	--	406	--	56	765	7
Hallam (NE)	--	62	--	--	--	--	--	*	--	--	3
Hebron (NE)	--	50	--	--	--	--	--	*	--	--	2
Kearney (NE)	--	--	--	--	--	--	--	--	--	--	--
Lyons (NE)	--	2	--	--	--	--	--	*	--	--	*
Madison (NE)	--	3	6	--	--	--	--	*	*	--	*
Mc Cook (NE)	--	56	--	--	--	--	--	*	--	--	4
Minnechaduza (NE)	--	--	--	--	--	--	--	--	--	--	--
Mobile (NE)	--	--	--	--	--	--	--	--	--	--	--
Monroe (NE)	--	--	--	546	--	--	--	--	--	--	--
North Platte (NE)	--	--	--	7,052	--	--	--	--	--	--	--
Ord (NE)	--	20	13	--	--	--	--	*	*	--	*
Schuyler (NE)	--	--	--	--	--	--	--	--	--	--	*
Sheldon (NE)	92,190	--	119	--	--	--	60	--	1	159	--
Spencer (NE)	--	--	--	945	--	--	--	--	--	--	--
Sutherland (NE)	--	8	--	--	--	--	--	*	--	--	*
Wakefield (NE)	--	1	6	--	--	--	--	*	*	--	*
Neodesha City Of	--	1	14	--	--	--	--	*	*	--	*
Neodesha (KS)	--	1	14	--	--	--	--	*	*	--	*
Nevada Irrigation District	--	--	--	888	--	--	--	--	--	--	--
Combie No (CA)	--	--	--	66	--	--	--	--	--	--	--
Combie So (CA)	--	--	--	822	--	--	--	--	--	--	--
Scott Flat (CA)	--	--	--	--	--	--	--	--	--	--	--
Nevada Irrigation District	--	--	--	37,766	--	--	--	--	--	--	--
Bowman (CA)	--	--	--	584	--	--	--	--	--	--	--
Chicago Park (CA)	--	--	--	18,057	--	--	--	--	--	--	--
Dutch Flat No.2 (CA)	--	--	--	10,756	--	--	--	--	--	--	--
Rollins (CA)	--	--	--	8,369	--	--	--	--	--	--	--
Nevada Power Company	303,422	426	20,898	--	--	--	143	1	303	357	105
Clark (NV)	--	28	10,858	--	--	--	--	*	173	--	66
Gardner, Reid (NV)	303,422	398	--	--	--	--	143	1	--	357	5
Sun Peak (NV)	--	--	--	--	--	--	--	--	--	--	--
Sunrise (NV)	--	--	10,040	--	--	--	--	--	130	--	35
New England Power Co (NEES) ...	902,446	149,591	--	113,331	--	--	329	288	--	513	1,057
Bear Swamp (MA)	--	--	--	-12,597	--	--	--	--	--	--	--
Bellows Falls (VT)	--	--	--	22,295	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	708,262	46,105	--	--	--	--	253	91	--	424	658
Comerford (NH)	--	--	--	19,704	--	--	--	--	--	--	--
Deerfield No. 2 (MA)	--	--	--	3,341	--	--	--	--	--	--	--
Deerfield No. 3 (MA)	--	--	--	3,828	--	--	--	--	--	--	--
Deerfield No. 4 (MA)	--	--	--	3,437	--	--	--	--	--	--	--
Deerfield No. 5 (MA)	--	--	--	--	--	--	--	--	--	--	--
Fife Brook (MA)	--	--	--	4,596	--	--	--	--	--	--	--
Gloucester (MA)	--	1,134	--	--	--	--	--	19	--	--	2
Harriman (VT)	--	--	--	16,228	--	--	--	--	--	--	--
Manchester Street (RI)	--	--	--	--	--	--	--	3	--	--	97
McIndoes (NH)	--	--	--	4,253	--	--	--	--	--	--	--
Moore (NH)	--	--	--	17,176	--	--	--	--	--	--	--
Newburyport (MA)	--	--	--	--	--	--	--	--	--	--	1
Salem Harbor (MA)	194,184	102,352	--	--	--	--	77	175	--	89	298
Searsburg (VT)	--	--	--	3,164	--	--	--	--	--	--	--
Sherman (MA)	--	--	--	3,960	--	--	--	--	--	--	--
South Street (RI)	--	--	--	--	--	--	--	--	--	--	--
Vernon (NH)	--	--	--	9,608	--	--	--	--	--	--	--
Vernon (VT)	--	--	--	2,974	--	--	--	--	--	--	--
Wilder (NH)	--	--	--	8,810	--	--	--	--	--	--	--
Wilder (VT)	--	--	--	2,554	--	--	--	--	--	--	--
New Hampton Mun Light Plant	--	--	-2	--	--	--	--	*	*	--	*
New Hampton (IA)	--	--	-2	--	--	--	--	*	*	--	*
New Lisbon Mun Electric Dept	--	--	4	--	--	--	--	--	*	--	*
New Lisbon (WI)	--	--	4	--	--	--	--	--	*	--	*
New Orleans Public Service											
(MSU)	--	-352	42,468	--	--	--	--	*	492	--	147
Michoud (LA)	--	--	42,468	--	--	--	--	--	492	--	145
Paterson, A B (LA)	--	-352	--	--	--	--	--	*	--	--	2
New Prague Mun Utils Comm	--	11	61	--	--	--	--	*	1	--	*
New Prague (MN)	--	11	61	--	--	--	--	*	1	--	*
New Roads Light & Water Plant ..	--	--	--	--	--	--	--	*	*	--	1
New Roads (LA)	--	--	--	--	--	--	--	*	*	--	1
New Smyrna Beach City Of	--	-27	--	--	--	--	--	*	--	--	2
Causeway (FL)	--	--	--	--	--	--	--	--	--	--	--
Glencoe Road (FL)	--	--	--	--	--	--	--	--	--	--	--
New Smyra (FL)	--	-19	--	--	--	--	--	*	--	--	2
W E Swoope (FL)	--	-8	--	--	--	--	--	*	--	--	1
New Ulm Pub Utils Comm	--	--	4,521	--	--	--	--	--	101	4	4
New Ulm (MN)	--	--	4,521	--	--	--	--	--	101	4	4
New York State Elec & Gas Corp	904,402	801	--	31,614	--	--	363	1	--	939	8
Cadyville (NY)	--	--	--	2,119	--	--	--	--	--	--	--
Goudey (NY)	69,437	109	--	--	--	--	28	*	--	60	1
Greenidge (NY)	89,713	330	--	--	--	--	38	1	--	121	1
Harris Lake (NY)	--	9	--	--	--	--	--	*	--	--	*
Hickling (NY)	41,787	--	--	--	--	--	28	--	--	67	--
High Falls (NY)	--	--	--	8,389	--	--	--	--	--	--	--
Jennison (NY)	31,344	--	--	--	--	--	22	--	--	32	--
Kents Falls (NY)	--	--	--	4,510	--	--	--	--	--	--	--
Keuka (NY)	--	--	--	--	--	--	--	--	--	--	--
Mechanicville (NY)	--	--	--	9,387	--	--	--	--	--	--	--
Mill "C" (NY)	--	--	--	2,246	--	--	--	--	--	--	--
Milliken (NY)	206,416	31	--	--	--	--	73	*	--	202	2
Rainbow Falls (NY)	--	--	--	996	--	--	--	--	--	--	--
Seneca Falls (NY)	--	--	--	3,135	--	--	--	--	--	--	--
Somerset (NY)	465,705	322	--	--	--	--	173	1	--	457	3
Waterloo (NY)	--	--	--	832	--	--	--	--	--	--	--
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, January 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	--	5	--	--	--	--	--	*	--	--	2
Eldred (RI)	--	20	--	--	--	--	--	*	--	--	1
Jepson (RI)	--	-15	--	--	--	--	--	*	--	--	1
Niagara Mohawk Power Corp	744,546	203,723	9,697	338,970	1,181,446	--	287	346	159	632	2,336
Albany (NY)	--	48,210	5,278	--	--	--	--	89	114	--	346
Allens Falls (NY)	--	--	--	2,720	--	--	--	--	--	--	--
Bakers Falls (NY)	--	--	--	--	--	--	--	--	--	--	--
Baldwinsville (NY)	--	--	--	308	--	--	--	--	--	--	--
Beardslee (NY)	--	--	--	5,152	--	--	--	--	--	--	--
Beebee Island (NY)	--	--	--	4,760	--	--	--	--	--	--	--
Belfort (NY)	--	--	--	1,127	--	--	--	--	--	--	--
Bennetts Bridge (NY)	--	--	--	11,912	--	--	--	--	--	--	--
Black River (NY)	--	--	--	4,093	--	--	--	--	--	--	--
Blake (NY)	--	--	--	7,465	--	--	--	--	--	--	--
Browns Falls (NY)	--	--	--	7,355	--	--	--	--	--	--	--
Chasm (NY)	--	--	--	2,096	--	--	--	--	--	--	--
Colton (NY)	--	--	--	20,649	--	--	--	--	--	--	--
Deferiet (NY)	--	--	--	910	--	--	--	--	--	--	--
Dunkirk (NY)	356,678	359	--	--	--	--	133	1	--	258	1
Eagle (NY)	--	--	--	3,026	--	--	--	--	--	--	--
East Norfolk (NY)	--	--	--	2,563	--	--	--	--	--	--	--
Eel Weir (NY)	--	--	--	1,412	--	--	--	--	--	--	--
Effley (NY)	--	--	--	1,570	--	--	--	--	--	--	--
Elmer (NY)	--	--	--	970	--	--	--	--	--	--	--
Ephratah (NY)	--	--	--	2,281	--	--	--	--	--	--	--
Feeder Dam (NY)	--	--	--	2,808	--	--	--	--	--	--	--
Five Falls (NY)	--	--	--	12,016	--	--	--	--	--	--	--
Flat Rock (NY)	--	--	--	1,927	--	--	--	--	--	--	--
Franklin (NY)	--	--	--	1,013	--	--	--	--	--	--	--
Fulton (NY)	--	--	--	848	--	--	--	--	--	--	--
Glenwood (NY)	--	--	--	900	--	--	--	--	--	--	--
Granby (NY)	--	--	--	7,609	--	--	--	--	--	--	--
Green Island (NY)	--	--	--	3,348	--	--	--	--	--	--	--
Hannawa (NY)	--	--	--	5,048	--	--	--	--	--	--	--
Herrings (NY)	--	--	--	2,977	--	--	--	--	--	--	--
Heuvelton (NY)	--	--	--	482	--	--	--	--	--	--	--
High Dam (NY)	--	--	--	4,620	--	--	--	--	--	--	--
High Falls (NY)	--	--	--	3,104	--	--	--	--	--	--	--
Higley (NY)	--	--	--	3,496	--	--	--	--	--	--	--
Hogansburg (NY)	--	--	--	167	--	--	--	--	--	--	--
Huntley, C R (NY)	387,868	4	--	--	--	--	154	2	--	374	1
Hydraulic Race (NY)	--	--	--	--	--	--	--	--	--	--	--
Inghams (NY)	--	--	--	3,145	--	--	--	--	--	--	--
Johnsonville (NY)	--	--	--	1,367	--	--	--	--	--	--	--
Kamargo (NY)	--	--	--	3,101	--	--	--	--	--	--	--
Lighthouse Hill (NY)	--	--	--	3,304	--	--	--	--	--	--	--
Macomb (NY)	--	--	--	610	--	--	--	--	--	--	--
Minetto (NY)	--	--	--	5,069	--	--	--	--	--	--	--
Moreau (NY)	--	--	--	2,251	--	--	--	--	--	--	--
Moshier (NY)	--	--	--	3,562	--	--	--	--	--	--	--
Nine Mile Point (NY)	--	6	--	--	1,181,446	--	--	*	--	--	2
Norfolk (NY)	--	--	--	2,657	--	--	--	--	--	--	--
Norwood (NY)	--	--	--	1,504	--	--	--	--	--	--	--
Oak Orchard (NY)	--	--	--	--	--	--	--	--	--	--	--
Oswegatchie (NY)	--	--	--	--	--	--	--	--	--	--	--
Oswego (NY)	--	155,144	4,419	--	--	--	--	255	45	--	1,985
Oswego Falls Es (NY)	--	--	--	-2	--	--	--	--	--	--	--
Oswego Falls Ws (NY)	--	--	--	1,488	--	--	--	--	--	--	--
Parishville (NY)	--	--	--	1,678	--	--	--	--	--	--	--
Piercefield (NY)	--	--	--	1,880	--	--	--	--	--	--	--
Prospect (NY)	--	--	--	8,715	--	--	--	--	--	--	--
Rainbow (NY)	--	--	--	11,801	--	--	--	--	--	--	--
Raymondville (NY)	--	--	--	1,312	--	--	--	--	--	--	--
Schaghticoke (NY)	--	--	--	7,884	--	--	--	--	--	--	--
School Street (NY)	--	--	--	19,855	--	--	--	--	--	--	--
Schuylerville (NY)	--	--	--	-18	--	--	--	--	--	--	--
Sewalls (NY)	--	--	--	1,391	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	15,391	--	--	--	--	--	--	--
So Glens Falls (NY)	--	--	--	1,907	--	--	--	--	--	--	--
Soft Maple (NY)	--	--	--	3,223	--	--	--	--	--	--	--
South Colton (NY)	--	--	--	9,824	--	--	--	--	--	--	--
South Edwards (NY)	--	--	--	1,898	--	--	--	--	--	--	--
Spier Falls (NY)	--	--	--	27,986	--	--	--	--	--	--	--
Stark (NY)	--	--	--	11,178	--	--	--	--	--	--	--
Stewarts Bridge (NY)	--	--	--	19,489	--	--	--	--	--	--	--
Stuyvesant Falls (NY)	--	--	--	361	--	--	--	--	--	--	--
Sugar Island (NY)	--	--	--	2,896	--	--	--	--	--	--	--
Taylorville (NY)	--	--	--	2,557	--	--	--	--	--	--	--
Trenton (NY)	--	--	--	12,196	--	--	--	--	--	--	--
Varick (NY)	--	--	--	4,031	--	--	--	--	--	--	--
Waterport (NY)	--	--	--	2,065	--	--	--	--	--	--	--
West, E J (NY)	--	--	--	10,345	--	--	--	--	--	--	--
Yaleville (NY)	--	--	--	337	--	--	--	--	--	--	--
Niles Board Of Public Works	--	--	--	--	--	--	--	--	--	--	--
Niles (MI)	--	--	--	--	--	--	--	--	--	--	--
Nodak Rural Elec Coop Inc	--	--	--	--	--	--	--	--	--	--	--
Mobile (ND)	--	--	--	--	--	--	--	--	--	--	--
Nome Light And Power Utilities ..	--	2,347	--	--	--	--	--	4	--	--	1
Snake River (AK)	--	2,347	--	--	--	--	--	4	--	--	1
North American Hydro Inc	--	--	--	96	--	--	--	--	--	--	--
Wautoma (WI)	--	--	--	96	--	--	--	--	--	--	--
North Branch Lt & Pwr Comm	--	--	--	--	--	--	--	--	--	--	*
North Branch (MN)	--	--	--	--	--	--	--	--	--	--	*
North Central Power Co Inc	--	--	--	1,198	--	--	--	--	--	--	*
Arpin (WI)	--	--	--	993	--	--	--	--	--	--	--
Radisson (WI)	--	--	--	108	--	--	--	--	--	--	*
Winter (WI)	--	--	--	97	--	--	--	--	--	--	*
North Little Rock City Of	--	--	--	7,219	--	--	--	--	--	--	--
Murray (AR)	--	--	--	7,219	--	--	--	--	--	--	--
Northeast Missouri Elec Pwr Coop	--	--	--	--	--	--	--	--	--	--	--
South River Station (MO)	--	--	--	--	--	--	--	--	--	--	--
Northeast Nuclear Energy Co	--	--	--	--	1,534,522	--	--	--	--	--	--
Millstone (CT)	--	--	--	--	1,534,522	--	--	--	--	--	--
Northern Indiana Public Serv Co .	1,221,177	--	51,113	11,988	--	--	607	--	528	1,195	--
Bailly (IN)	273,658	--	6,961	--	--	--	131	--	72	173	--
Michigan City (IN)	273,818	--	35,870	--	--	--	126	--	365	219	--
Mitchell, Dean H (IN)	159,230	--	1,017	--	--	--	92	--	11	130	--
Norway (IN)	--	--	--	5,365	--	--	--	--	--	--	--
Oakdale (IN)	--	--	--	6,623	--	--	--	--	--	--	--
Schahfer, R. M. (IN)	514,471	--	7,265	--	--	--	257	--	80	672	--
Northern States Power Co	1,916,182	55,343	4,454	62,605	705,788	30,239	1,147	1	68	1,451	185
Apple River (WI)	--	--	--	1,134	--	--	--	--	--	--	--
Bay Front (WI)	8,112	--	258	--	--	9,373	8	--	5	--	--
Big Falls (WI)	--	--	--	2,655	--	--	--	--	--	--	--
Black Dog (MN)	168,012	--	1,325	--	--	--	107	--	14	82	*
Blue Lake (MN)	--	-279	--	--	--	--	--	*	--	--	18
Cedar Falls (WI)	--	--	--	2,130	--	--	--	--	--	--	--
Chippewa Falls (WI)	--	--	--	3,855	--	--	--	--	--	--	--
Cornell (WI)	--	--	--	4,915	--	--	--	--	--	--	--
Dells (WI)	--	--	--	3,134	--	--	--	--	--	--	--
Flambeau (WI)	--	--	434	--	--	--	--	--	9	--	4
French Island (WI)	--	-131	2	--	--	4,769	--	--	*	--	27

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	-46	--	--	--	--	--	6	--	4
Hayward (WI)	--	--	--	149	--	--	--	--	--	--	--
Hennepin Island (MN)	--	--	--	11,249	--	--	--	--	--	--	--
High Bridge (MN)	80,941	--	1,784	--	--	--	55	--	20	3	9
Holcombe (WI)	--	--	--	5,483	--	--	--	--	--	--	--
Holland (MN)	--	--	--	--	--	16	--	--	--	--	--
Inver Hills (MN)	--	-176	--	--	--	--	--	*	--	--	56
Jim Falls (WI)	--	--	--	7,782	--	--	--	--	--	--	--
Key City (MN)	--	--	-86	--	--	--	--	--	*	--	3
King (MN)	280,091	51,878	80	--	--	1,818	153	--	1	143	--
Ladysmith (WI)	--	--	--	768	--	--	--	--	--	--	--
Menomonie (WI)	--	--	--	1,481	--	--	--	--	--	--	--
Minnesota Valley (MN)	6,502	16	174	--	--	--	5	*	2	6	*
Monticello (MN)	--	--	--	--	240,336	--	--	--	--	--	--
Pathfinder (SD)	--	--	-185	--	--	--	--	--	--	--	--
Prairie Island (MN)	--	--	--	--	465,452	--	--	--	--	--	--
Redwing (MN)	--	--	262	--	--	9,559	--	--	5	--	--
Riverdale (WI)	--	--	--	198	--	--	--	--	--	--	--
Riverside (MN)	179,509	4,234	355	--	--	--	112	*	4	52	3
Saxon Falls (MI)	--	--	--	556	--	--	--	--	--	--	--
Sherburne County (MN)	1,193,015	202	--	--	--	--	708	*	--	1,166	5
St Croix Falls (WI)	--	--	--	6,229	--	--	--	--	--	--	--
Superior Falls (MI)	--	--	--	1,125	--	--	--	--	--	--	--
Thornapple (WI)	--	--	--	756	--	--	--	--	--	--	--
Trego (WI)	--	--	--	554	--	--	--	--	--	--	--
West Faribault (MN)	--	--	-28	--	--	--	--	--	--	--	--
Wheaton (WI)	--	-401	--	--	--	--	--	*	--	--	56
White River (WI)	--	--	--	390	--	--	--	--	--	--	--
Wilmarth (MN)	--	--	125	--	--	4,704	--	--	2	--	--
Wissota (WI)	--	--	--	8,062	--	--	--	--	--	--	--
Northway Power & Light Inc											
Northway (AK)	--	--	--	--	--	--	--	--	--	--	--
Northwestern Public Service											
Company	--	-118	-75	--	--	--	--	*	*	--	20
Aberdeen (SD)	--	-31	--	--	--	--	--	--	--	--	9
Clark (SD)	--	-12	--	--	--	--	--	*	--	--	*
Faulkton (SD)	--	-10	--	--	--	--	--	*	--	--	*
Highmore (SD)	--	-12	--	--	--	--	--	*	--	--	*
Huron (SD)	--	--	-49	--	--	--	--	*	--	--	8
Mobile (SD)	--	-7	--	--	--	--	--	*	--	--	*
Redfield (SD)	--	-14	-17	--	--	--	--	*	*	--	*
Webster (SD)	--	-27	--	--	--	--	--	*	--	--	*
Yankton New (SD)	--	-5	-9	--	--	--	--	*	*	--	1
Northwestern Wisconsin Elec Co											
Black Brook (WI)	--	-50	--	701	--	--	--	*	--	--	2
Clam Falls (WI)	--	--	--	106	--	--	--	--	--	--	--
Clam River Dam (WI)	--	--	--	27	--	--	--	--	--	--	--
Danbury (WI)	--	-36	--	269	--	--	--	--	--	--	--
Frederic (WI)	--	-9	--	299	--	--	--	*	--	--	1
Grantsburg (WI)	--	-5	--	--	--	--	--	--	--	--	*
Northwood City Of Mun Lt & Pwr											
Northwood (ND)	--	--	--	--	--	--	--	--	--	--	--
Norton City Of											
Norton (KS)	--	11	20	--	--	--	--	*	*	--	1
Norton (KS)	--	11	20	--	--	--	--	*	*	--	1
Norway Electric Light Dept											
Norway (MI)	--	--	--	2,421	--	--	--	--	--	--	--
Norway (MI)	--	--	--	2,421	--	--	--	--	--	--	--
Norwich Dept Of Pub Utils											
North Main (CT)	--	51	--	1,260	--	--	--	*	--	--	1
North Main (CT)	--	51	--	--	--	--	--	*	--	--	1
Occum (CT)	--	--	--	339	--	--	--	--	--	--	--
10Th Street (CT)	--	--	--	643	--	--	--	--	--	--	--
2Nd Street (CT)	--	--	--	278	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	1,236	--	--	--	--	--	2	--	--	15
Dillingham (AK)	--	1,236	--	--	--	--	--	2	--	--	15
Oakdale & South San Joaquin	--	--	--	22,087	--	--	--	--	--	--	--
Beardsley (CA)	--	--	--	2,144	--	--	--	--	--	--	--
Donnels (CA)	--	--	--	10,719	--	--	--	--	--	--	--
Sand Bar (CA)	--	--	--	6,296	--	--	--	--	--	--	--
Tulloch (CA)	--	--	--	2,928	--	--	--	--	--	--	--
Oakely City Of	--	--	--	--	--	--	--	--	--	--	--
Oakely (KS)	--	--	--	--	--	--	--	--	--	--	--
Oberlin City Of	--	--	--	--	--	--	--	--	--	--	--
Oberlin (KS)	--	--	--	--	--	--	--	--	--	--	--
Oberlin Mun Lt Pwr System	--	8	205	--	--	--	--	*	3	--	1
Oberlin (OH)	--	8	205	--	--	--	--	*	3	--	1
Oconto Electric Coop	--	--	--	458	--	--	--	--	--	--	--
Stiles (WI)	--	--	--	458	--	--	--	--	--	--	--
Odessa City Of	--	7	11	--	--	--	--	*	*	--	1
Odessa (MO)	--	7	11	--	--	--	--	*	*	--	1
Ogden Municipal Utilities	--	13	--	--	--	--	--	*	--	--	*
Ogden (IA)	--	13	--	--	--	--	--	*	--	--	*
Oglethorpe Power Corporation ..	--	--	--	569	--	--	--	--	--	--	--
Tallassee (GA)	--	--	--	569	--	--	--	--	--	--	--
Ohio Edison Company	1,840,923	1,014	--	--	--	311	765	2	--	1,175	36
Burger, R E (OH)	205,409	117	--	--	--	--	93	*	--	262	2
Edgewater (OH)	42,599	141	--	--	--	--	20	*	--	14	8
Gorge Steam (OH)	--	--	--	--	--	--	--	--	--	--	--
Mad River (OH)	--	-32	--	--	--	--	--	*	--	--	15
Niles (OH)	123,811	55	--	--	--	--	56	*	--	103	7
Sammis (OH)	1,408,848	662	--	--	--	--	560	1	--	720	3
Toronto (OH)	60,256	71	--	--	--	311	36	*	--	75	*
West Lorain (OH)	--	--	--	--	--	--	--	--	--	--	--
Ohio Power Co (AEP)	2,692,401	14,594	--	11,676	--	--	1,112	24	--	3,866	74
Gavin, Gen J M (OH)	1,069,765	6,528	--	--	--	--	461	11	--	2,016	39
Kammer (WV)	420,480	247	--	--	--	--	162	*	--	404	2
Mitchell (WV)	599,295	6,906	--	--	--	--	236	11	--	722	27
Muskingum River (OH)	602,861	913	--	--	--	--	254	2	--	725	6
Racine (OH)	--	--	--	11,676	--	--	--	--	--	--	--
Tidd (OH)	--	--	--	--	--	--	--	--	--	--	--
Ohio Valley Electric Corporation .	631,974	16	--	--	--	--	251	*	--	880	2
Kyger Creek (OH)	631,974	16	--	--	--	--	251	*	--	880	2
Oklahoma Gas & Electric Co	1,338,868	351	411,521	--	--	--	799	1	4,177	1,500	477
Arbuckle (OK)	--	--	--	--	--	--	--	--	--	--	--
Conoco (OK)	--	--	46,090	--	--	--	--	--	436	--	--
Enid (OK)	--	--	--	--	--	--	--	--	--	--	--
Horseshoe Lake (OK)	--	148	80,921	--	--	--	--	*	830	--	79
Muskogee (OK)	773,349	--	33,841	--	--	--	475	--	362	822	41
Mustang (OK)	--	--	103,530	--	--	--	--	--	1,025	--	15
Seminole (OK)	--	--	147,118	--	--	--	--	--	1,522	--	317
Sooner (OK)	565,519	203	--	--	--	--	323	1	--	678	23
Woodward (OK)	--	--	21	--	--	--	--	--	*	--	1
Omaha Public Power District	466,870	1,129	1,221	--	361,239	--	309	3	15	633	466
Fort Calhoun (NE)	--	--	--	--	361,239	--	--	--	--	--	--
Jones Street (NE)	--	-25	--	--	--	--	--	1	--	--	18
Nebraska City (NE)	285,247	1,154	--	--	--	--	184	2	--	344	157
North Omaha (NE)	181,623	--	1,219	--	--	--	125	--	14	289	--
Sarpy (NE)	--	--	2	--	--	--	--	--	1	--	292

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Onawa City Of Municipal Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Onawa (IA)	--	--	--	--	--	--	--	--	--	--	--
Opelousas Elec Lt & Wtr Works Plant	--	--	--	--	--	--	--	--	--	--	--
Opelousas (LA)	--	--	--	--	--	--	--	--	--	--	--
Orange And Rockland Utilities, Inc	167,756	51,183	121,342	14,023	--	--	69	90	1,304	74	735
Bowline Point (NY)	--	50,941	105,029	--	--	--	--	90	1,134	--	608
Grahamsville (NY)	--	--	--	4,575	--	--	--	--	--	--	--
Hillburn (NY)	--	5	44	--	--	--	--	*	2	--	3
Lovett (NY)	167,756	232	16,219	--	--	--	69	*	166	74	120
Mongaup (NY)	--	--	--	4,675	--	--	--	--	--	--	--
Rio (NY)	--	--	--	2,201	--	--	--	--	--	--	--
Shoemaker (NY)	--	5	50	--	--	--	--	*	3	--	3
Swinging Bridge 1 (NY)	--	--	--	--	--	--	--	--	--	--	--
Swinging Bridge 2 (NY)	--	--	--	2,572	--	--	--	--	--	--	--
Orange City Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	2
Orange City (IA)	--	--	--	--	--	--	--	--	--	--	2
Orcas Power & Light Company	--	--	--	--	--	--	--	--	--	--	--
Eastsound (WA)	--	--	--	--	--	--	--	--	--	--	--
Oregon Trail Elec Coop	--	--	--	26	--	--	--	--	--	--	--
Rock Creek (OR)	--	--	--	26	--	--	--	--	--	--	--
Orlando Utilities Commission	274,342	259	42,353	--	--	--	102	*	480	24	335
Indian River (FL)	--	44	42,353	--	--	--	--	*	480	--	329
Stanton (FL)	274,342	215	--	--	--	--	102	*	--	24	6
Oroville Wyandotte Irrig Dist	--	--	--	57,073	--	--	--	--	--	--	--
Forbestown (CA)	--	--	--	21,297	--	--	--	--	--	--	--
Kelly Ridge (CA)	--	--	--	7,816	--	--	--	--	--	--	--
Sly Creek (CA)	--	--	--	2,602	--	--	--	--	--	--	--
Woodleaf (CA)	--	--	--	25,358	--	--	--	--	--	--	--
Orrville Mun Utilities	26,902	--	73	--	--	--	16	--	1	5	--
Orrville (OH)	26,902	--	73	--	--	--	16	--	1	5	--
Osage Mun Utilities	--	--	--	--	--	--	--	--	--	--	*
Osage (KS)	--	--	--	--	--	--	--	--	--	--	*
Osage Municipal Utilities	--	51	--	--	--	--	--	*	--	--	2
Osage (IA)	--	51	--	--	--	--	--	*	--	--	2
Osawatomie City Of	--	7	--	--	--	--	--	*	--	--	*
Osawatomie (KS)	--	7	--	--	--	--	--	*	--	--	*
Osborne City Of	--	--	3	--	--	--	--	*	*	--	*
Osborne (KS)	--	--	3	--	--	--	--	*	*	--	*
Osceola City Of	--	--	--	--	--	--	--	--	--	--	--
Osceola (AR)	--	--	--	--	--	--	--	--	--	--	--
Ottawa Water & Light Dept	--	36	98	--	--	--	--	*	2	--	2
Ottawa (KS)	--	36	98	--	--	--	--	*	2	--	2
Otter Tail Power Company	282,788	234	--	1,339	--	--	245	1	--	287	18
Bemidji (MN)	--	--	--	141	--	--	--	--	--	--	--
Big Stone (SD)	242,731	106	--	--	--	--	220	*	--	274	6
Dayton Hollow (MN)	--	--	--	351	--	--	--	--	--	--	--
Hoot Lake (MN)	40,057	180	--	235	--	--	25	*	--	13	*
Jamestown (ND)	--	-32	--	--	--	--	--	*	--	--	8
Lake Preston (SD)	--	-20	--	--	--	--	--	*	--	--	3
Pisgah (MN)	--	--	--	195	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	296	--	--	--	--	--	--	--
Wright (MN)	--	--	--	121	--	--	--	--	--	--	--
Ottumwa Wtr Wrks & Hydro El Pl											
Ottumwa (IA)	--	--	--	1,648	--	--	--	--	--	--	--
Owatonna Municipal Public Utilities											
Owatonna (MN)	--	--	19	--	--	--	--	--	*	--	--
Owensboro Municipal Utilities	194,883	219	--	--	--	--	87	*	--	107	1
Elmer Smith (KY)	194,883	219	--	--	--	--	87	*	--	107	1
Owensville Municipal Utilities											
Owensville (MO)	--	--	--	--	--	--	--	*	--	--	*
Oxford Mun Lt & Pwr Plant											
Oxford (NE)	--	3	--	--	--	--	--	*	--	--	*
Pacific Gas & Electric Company	--	886,704	1,545,335	929,032	1,578,262	565,750	--	1,431	15,605	--	7,293
* Central Storage *	--	--	--	--	--	--	--	--	--	--	84
Alta (CA)	--	--	--	274	--	--	--	--	--	--	--
Angels (CA)	--	--	--	725	--	--	--	--	--	--	--
Balch 1 (CA)	--	--	--	926	--	--	--	--	--	--	--
Balch 2 (CA)	--	--	--	35,027	--	--	--	--	--	--	--
Belden (CA)	--	--	--	33,003	--	--	--	--	--	--	--
Black, James B (CA)	--	--	--	40,818	--	--	--	--	--	--	--
Bucks Creek (CA)	--	--	--	33,623	--	--	--	--	--	--	--
Butt Valley (CA)	--	--	--	11,537	--	--	--	--	--	--	--
Caribou 1 (CA)	--	--	--	9,748	--	--	--	--	--	--	--
Caribou 2 (CA)	--	--	--	41,389	--	--	--	--	--	--	--
Centerville (CA)	--	--	--	4,128	--	--	--	--	--	--	--
Chili Bar (CA)	--	--	--	3,604	--	--	--	--	--	--	--
Coal Canyon (CA)	--	--	--	649	--	--	--	--	--	--	--
Coleman (CA)	--	--	--	6,724	--	--	--	--	--	--	--
Contra Costa (CA)	--	175,020	277,228	--	--	--	--	277	2,772	--	695
Cow Creek (CA)	--	--	--	1,488	--	--	--	--	--	--	--
Crane Valley (CA)	--	--	--	456	--	--	--	--	--	--	--
Cresta (CA)	--	--	--	39,893	--	--	--	--	--	--	--
De Sabla (CA)	--	--	--	8,809	--	--	--	--	--	--	--
Deer Creek (CA)	--	--	--	--	--	--	--	--	--	--	--
Diablo Canyon (CA)	--	--	--	--	1,578,262	--	--	--	--	--	--
Downieville (CA)	--	9	--	--	--	--	--	*	--	--	*
Drum 1 (CA)	--	--	--	13,513	--	--	--	--	--	--	--
Drum 2 (CA)	--	--	--	23,812	--	--	--	--	--	--	--
Dutch Flat (CA)	--	--	--	8,124	--	--	--	--	--	--	--
El Dorado (CA)	--	--	--	1,107	--	--	--	--	--	--	--
Electra (CA)	--	--	--	40,300	--	--	--	--	--	--	--
Haas (CA)	--	--	--	16,892	--	--	--	--	--	--	--
Halsey (CA)	--	--	--	5,803	--	--	--	--	--	--	--
Hamilton Branch (CA)	--	--	--	195	--	--	--	--	--	--	--
Hat Creek 1 (CA)	--	--	--	2,581	--	--	--	--	--	--	--
Hat Creek 2 (CA)	--	--	--	3,407	--	--	--	--	--	--	--
Helms (CA)	--	--	--	-21,412	--	--	--	--	--	--	--
Humbolt Bay (CA)	--	11,151	20,805	--	--	--	--	21	241	--	94
Hunters Point (CA)	--	2,867	167,235	--	--	--	--	5	1,922	--	309
Inskip (CA)	--	--	--	5,419	--	--	--	--	--	--	--
Kerckhoff (CA)	--	--	--	-8	--	--	--	--	--	--	--
Kerckhoff 2 (CA)	--	--	--	52,175	--	--	--	--	--	--	--
Kern (CA)	--	--	--	--	--	--	--	--	--	--	--
Kern Canyon (CA)	--	--	--	4,291	--	--	--	--	--	--	--
Kilarc (CA)	--	--	--	368	--	--	--	--	--	--	--
Kings River (CA)	--	--	--	13,035	--	--	--	--	--	--	--
Lime Saddle (CA)	--	--	--	1,002	--	--	--	--	--	--	--
Merced Falls (CA)	--	--	--	--	--	--	--	--	--	--	--
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, January 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)	--	59,064	290,429	--	--	--	--	97	2,933	--	1,069
Moss Landing (CA)	--	180,692	275,600	--	--	--	--	285	2,670	--	2,503
Murphys (CA)	--	--	--	2,129	--	--	--	--	--	--	--
Narrows (CA)	--	--	--	-22	--	--	--	--	--	--	--
Newcastle (CA)	--	--	--	6,516	--	--	--	--	--	--	--
Oak Flat (CA)	--	--	--	286	--	--	--	--	--	--	--
Oakland (CA)	--	3,412	--	--	--	--	--	8	--	--	33
Phoenix (CA)	--	--	--	1,160	--	--	--	--	--	--	--
Pit 1 (CA)	--	--	--	19,255	--	--	--	--	--	--	--
Pit 3 (CA)	--	--	--	31,798	--	--	--	--	--	--	--
Pit 4 (CA)	--	--	--	41,654	--	--	--	--	--	--	--
Pit 5 (CA)	--	--	--	73,807	--	--	--	--	--	--	--
Pit 6 (CA)	--	--	--	29,397	--	--	--	--	--	--	--
Pit 7 (CA)	--	--	--	45,097	--	--	--	--	--	--	--
Pittsburg (CA)	--	395,843	446,376	--	--	--	--	649	4,458	--	2,224
Poe (CA)	--	--	--	72,260	--	--	--	--	--	--	--
Potrero (CA)	--	58,646	67,662	--	--	--	--	88	609	--	281
Potter Valley (CA)	--	--	--	5,823	--	--	--	--	--	--	--
PVUSA 1 (CA)	--	--	--	--	--	22	--	--	--	--	--
Rock Creek (CA)	--	--	--	56,894	--	--	--	--	--	--	--
Salt Springs (CA)	--	--	--	6,301	--	--	--	--	--	--	--
San Joaquin No. 1a (CA)	--	--	--	206	--	--	--	--	--	--	--
San Joaquin No. 2 (CA)	--	--	--	1,811	--	--	--	--	--	--	--
San Joaquin 3 (CA)	--	--	--	2,462	--	--	--	--	--	--	--
South (CA)	--	--	--	4,792	--	--	--	--	--	--	--
Spaulding No. 1 (CA)	--	--	--	410	--	--	--	--	--	--	--
Spaulding No. 2 (CA)	--	--	--	250	--	--	--	--	--	--	--
Spaulding No. 3 (CA)	--	--	--	2,858	--	--	--	--	--	--	--
Spring Gap (CA)	--	--	--	1,789	--	--	--	--	--	--	--
Stanislaus (CA)	--	--	--	32,230	--	--	--	--	--	--	--
The Geysers (CA)	--	--	--	--	--	565,728	--	--	--	--	--
Tiger Creek (CA)	--	--	--	20,949	--	--	--	--	--	--	--
Toadtown (CA)	--	--	--	792	--	--	--	--	--	--	--
Tule River (CA)	--	--	--	2,318	--	--	--	--	--	--	--
Volta (CA)	--	--	--	3,645	--	--	--	--	--	--	--
Volta 2 (CA)	--	--	--	470	--	--	--	--	--	--	--
West Point (CA)	--	--	--	8,745	--	--	--	--	--	--	--
Wise (CA)	--	--	--	10,074	--	--	--	--	--	--	--
Wise 2 (CA)	--	--	--	--	--	--	--	--	--	--	--
Wishon, A G (CA)	--	--	--	-549	--	--	--	--	--	--	--
PacifiCorp	4,991,163	2,054	60,497	277,404	--	2,082	2,777	4	694	3,146	46
American Fork (UT)	--	--	--	215	--	--	--	--	--	--	--
Ashton (ID)	--	--	--	1,853	--	--	--	--	--	--	--
Beaver Upper (UT)	--	--	--	408	--	--	--	--	--	--	--
Bend (OR)	--	--	--	159	--	--	--	--	--	--	--
Big Fork (MT)	--	--	--	462	--	--	--	--	--	--	--
Blundell (UT)	--	--	--	--	--	2,082	--	--	--	--	--
Bridger, Jim (WY)	1,489,948	643	--	--	--	--	805	1	--	571	21
Carbon (UT)	114,422	121	--	--	--	--	55	*	--	59	*
Centralia (WA)	966,969	--	--	--	--	--	621	--	--	504	3
Clearwater 1 (OR)	--	--	--	2,916	--	--	--	--	--	--	--
Clearwater 2 (OR)	--	--	--	3,035	--	--	--	--	--	--	--
Cline Falls (OR)	--	--	--	65	--	--	--	--	--	--	--
Condit (WA)	--	--	--	4,242	--	--	--	--	--	--	--
Copco 1 (CA)	--	--	--	4,626	--	--	--	--	--	--	--
Copco 2 (CA)	--	--	--	6,126	--	--	--	--	--	--	--
Cove (ID)	--	--	--	561	--	--	--	--	--	--	--
Cutler (UT)	--	--	--	3,273	--	--	--	--	--	--	--
Eagle Point (OR)	--	--	--	1,592	--	--	--	--	--	--	--
East Side (OR)	--	--	--	1,539	--	--	--	--	--	--	--
Fall Creek (CA)	--	--	--	1,077	--	--	--	--	--	--	--
Fish Creek (OR)	--	--	--	4,531	--	--	--	--	--	--	--
Ftn Green (UT)	--	--	--	39	--	--	--	--	--	--	--
Gadsby (UT)	--	--	48,879	--	--	--	--	--	518	--	--
Grace (ID)	--	--	--	2,552	--	--	--	--	--	--	--
Granite (UT)	--	--	--	216	--	--	--	--	--	--	--

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
PacifiCorp											
Hunter (emery) (UT)	860,966	663	--	--	--	--	394	1	--	891	6
Huntington Canyon (UT)	521,839	136	--	--	--	--	233	*	--	663	5
Hydro No. 1 (UT)	--	--	--	172	--	--	--	--	--	--	--
Hydro No. 2 (UT)	--	--	--	--	--	--	--	--	--	--	--
Hydro No. 3 (UT)	--	--	--	157	--	--	--	--	--	--	--
Iron Gate (CA)	--	--	--	7,112	--	--	--	--	--	--	--
John C Boyle (OR)	--	--	--	9,071	--	--	--	--	--	--	--
Johnston, Dave (WY)	366,547	272	--	--	--	--	260	1	--	234	2
Last Chance (UT)	--	--	--	133	--	--	--	--	--	--	--
Lemolo 1 (OR)	--	--	--	8,268	--	--	--	--	--	--	--
Lemolo 2 (OR)	--	--	--	10,940	--	--	--	--	--	--	--
Little Mountain (UT)	--	--	10,591	--	--	--	--	--	165	--	1
Merwin (WA)	--	--	--	43,994	--	--	--	--	--	--	--
Naches (WA)	--	--	--	--	--	--	--	--	--	--	--
Naches Drop (WA)	--	--	--	--	--	--	--	--	--	--	--
Naughton (WY)	423,364	138	1,027	--	--	--	225	*	10	223	1
Olmstead (UT)	--	--	--	-10	--	--	--	--	--	--	--
Oneida (ID)	--	--	--	685	--	--	--	--	--	--	--
Paris (ID)	--	--	--	25	--	--	--	--	--	--	--
Pioneer (UT)	--	--	--	-8	--	--	--	--	--	--	--
Powerdale (OR)	--	--	--	2,787	--	--	--	--	--	--	--
Prospect 1 (OR)	--	--	--	3,370	--	--	--	--	--	--	--
Prospect 2 (OR)	--	--	--	15,904	--	--	--	--	--	--	--
Prospect 3 (OR)	--	--	--	1,531	--	--	--	--	--	--	--
Prospect 4 (OR)	--	--	--	700	--	--	--	--	--	--	--
Skookumchuck (WA)	--	--	--	--	--	--	--	--	--	--	--
Slide Creek (OR)	--	--	--	6,420	--	--	--	--	--	--	--
Snake Creek (UT)	--	--	--	54	--	--	--	--	--	--	--
Soda (ID)	--	--	--	-230	--	--	--	--	--	--	--
Soda Springs (OR)	--	--	--	5,069	--	--	--	--	--	--	--
St Anthony (ID)	--	--	--	118	--	--	--	--	--	--	--
Stairs (UT)	--	--	--	103	--	--	--	--	--	--	--
Stayton (OR)	--	--	--	380	--	--	--	--	--	--	--
Swift No. 2 (WA)	--	--	--	17,162	--	--	--	--	--	--	--
Swift 1 (WA)	--	--	--	42,864	--	--	--	--	--	--	--
Toketee (OR)	--	--	--	15,334	--	--	--	--	--	--	--
Viva (WY)	--	--	--	87	--	--	--	--	--	--	--
Wallowa Falls (OR)	--	--	--	149	--	--	--	--	--	--	--
Weber (UT)	--	--	--	-3	--	--	--	--	--	--	--
West Side (OR)	--	--	--	-7	--	--	--	--	--	--	--
Wyodak (WY)	247,108	81	--	--	--	--	184	*	--	--	6
Yale (WA)	--	--	--	45,586	--	--	--	--	--	--	--
Painesville Mun Lt Plant	13,060	10	1,078	--	--	--	8	*	17	3	2
Painesville (OH)	13,060	10	1,078	--	--	--	8	*	17	3	2
Palmyra City Of Bd Of Pub											
Works	--	24	99	--	--	--	--	*	2	--	*
Palmyra (MO)	--	24	99	--	--	--	--	*	2	--	*
Palmyra 2 (MO)	--	--	--	--	--	--	--	--	--	--	--
Paragould Light Plant Comm	--	--	--	--	--	--	--	--	--	--	--
Paragould (AR)	--	--	--	--	--	--	--	--	--	--	--
Paris Light & Power Dept	--	--	--	--	--	--	--	--	--	--	--
Paris (KY)	--	--	--	--	--	--	--	--	--	--	--
Parowan City Corporation	--	--	--	292	--	--	--	--	--	--	--
Center Creek (UT)	--	--	--	171	--	--	--	--	--	--	--
Paragonah (UT)	--	--	--	121	--	--	--	--	--	--	--
Pasadena City Of Wtr & Pwr											
Dept	--	--	18,640	515	--	--	--	--	216	--	118
Azusa (CA)	--	--	--	515	--	--	--	--	--	--	--
Broadway (CA)	--	--	18,683	--	--	--	--	--	216	--	104
Glenarm (CA)	--	--	-43	--	--	--	--	--	*	--	14

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	--	7	--	--	--	--	--	*	--	5
Waters River (MA)	--	--	7	--	--	--	--	--	*	--	5
Pelican Utility Company	--	222	--	69	--	--	--	*	--	--	*
Pelican (AK)	--	222	--	69	--	--	--	*	--	--	*
Pella Municipal Power & Light	4,527	--	--	--	--	--	4	--	--	4	--
Pella (IA)	4,527	--	--	--	--	--	4	--	--	4	--
Pend Oreille County P U D No 1 ..	--	--	--	36,896	--	--	--	--	--	--	--
Box Canyon (WA)	--	--	--	36,725	--	--	--	--	--	--	--
Calispel Creek (WA)	--	--	--	171	--	--	--	--	--	--	--
Pender Mun Light Plant	--	1	--	--	--	--	--	*	--	--	*
Pender (NE)	--	1	--	--	--	--	--	*	--	--	*
Pennsylvania Electric Co (GPS) ...	3,774,844	7,633	779	-4,171	--	--	1,450	13	7	3,133	58
Benton (PA)	--	10	--	--	--	--	--	*	--	--	*
Blossburg (PA)	--	--	90	--	--	--	--	--	1	--	--
Conemaugh (PA)	1,217,806	98	689	--	--	--	450	*	6	869	8
Deep Creek (MD)	--	--	--	2,855	--	--	--	--	--	--	--
Homer City (PA)	996,841	2,619	--	--	--	--	384	4	--	1,219	9
Keystone (PA)	1,083,141	2,117	--	--	--	--	411	3	--	771	9
Piney (PA)	--	--	--	13,610	--	--	--	--	--	--	--
Seneca (PA)	--	--	--	-20,636	--	--	--	--	--	--	--
Seward (PA)	116,732	302	--	--	--	--	53	1	--	121	1
Shawville (PA)	333,627	2,468	--	--	--	--	136	4	--	119	9
Warren (PA)	26,697	115	--	--	--	--	14	*	--	34	*
Wayne (PA)	--	-96	--	--	--	--	--	--	--	--	21
Pennsylvania Power & Light Co ..	2,089,431	34,857	--	82,235	1,504,536	--	831	25	--	7,797	1,703
* Central Storage *	--	--	--	--	--	--	--	--	--	5,055	--
Allentown (PA)	--	--	--	--	--	--	--	--	--	--	4
Brunner Island (PA)	811,735	577	--	--	--	--	307	2	--	828	6
Fishbach (PA)	--	--	--	--	--	--	--	--	--	--	2
Harrisburg (PA)	--	--	--	--	--	--	--	--	--	--	4
Harwood (PA)	--	--	--	--	--	--	--	--	--	--	2
Holtwood (PA)	40,382	12,374	--	70,284	--	--	25	*	--	108	*
Jenkins (PA)	--	--	--	--	--	--	--	--	--	--	2
Loch Haven (PA)	--	--	--	--	--	--	--	--	--	--	2
Martins Creek (PA)	104,664	3,301	--	--	--	--	42	18	--	98	1,659
Montour (PA)	949,634	1,149	--	--	--	--	355	4	--	644	11
Sunbury (PA)	183,016	17,456	--	--	--	--	101	1	--	1,063	6
Susquehanna (PA)	--	--	--	--	1,504,536	--	--	--	--	--	--
Wallenpaupack (PA)	--	--	--	11,951	--	--	--	--	--	--	--
West Shore (PA)	--	--	--	--	--	--	--	--	--	--	2
Williamsport (PA)	--	--	--	--	--	--	--	--	--	--	2
Pennsylvania Power Co	1,533,349	3,308	--	--	--	--	586	5	--	1,318	39
Mansfield, Bruce (PA)	1,371,293	2,949	--	--	--	--	511	5	--	1,214	38
New Castle (PA)	162,056	359	--	--	--	--	74	1	--	104	1
Peru City Of Mun Pwr Plant	--	-39	--	--	--	--	--	*	--	--	1
Peru (IL)	--	-39	--	--	--	--	--	*	--	--	1
Peru Utilities	--	--	--	--	--	--	--	--	--	1	*
Peru (IN)	--	--	--	--	--	--	--	--	--	1	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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											
Petersburg (AK)	--	66	--	804	--	--	--	*	--	--	*
	--	66	--	804	--	--	--	*	--	--	*
Philadelphia Electric Company	64,552	130,319	68,190	176,767	2,212,630	--	26	247	734	272	433
* Central Storage *	--	--	--	--	--	--	--	--	--	--	15
Chesapeake (PA)	--	11	--	--	--	--	--	*	--	--	6
Conowingo (MD)	--	--	--	246,060	--	--	--	--	--	--	--
Cromby (PA)	64,552	8,276	63,802	--	--	--	26	14	665	35	34
Croydon (PA)	--	-152	--	--	--	--	--	*	--	--	70
Delaware (PA)	--	38,067	--	--	--	--	--	66	--	--	58
Eddystone (PA)	--	59,011	5,388	--	--	--	--	122	69	237	188
Falls (PA)	--	13	--	--	--	--	--	*	--	--	7
Limerick (PA)	--	--	--	--	1,029,030	--	--	--	--	--	--
Moser (PA)	--	65	--	--	--	--	--	*	--	--	8
Muddy Run (PA)	--	--	--	-69,293	--	--	--	--	--	--	--
Peach Bottom (PA)	--	--	--	--	1,183,600	--	--	--	--	--	--
Richmond (PA)	--	--	--	--	--	--	--	--	--	--	38
Schuylkill (PA)	--	24,906	--	--	--	--	--	44	--	--	4
Southwark (PA)	--	122	--	--	--	--	--	*	--	--	6
Piggott Public Improvement Dist											
1	--	5	--	--	--	--	--	*	--	--	*
Piggott (AR)	--	5	--	--	--	--	--	*	--	--	*
Piqua Municipal Power System	2,377	-33	--	--	--	--	3	*	--	1	3
Piqua (OH)	2,377	-33	--	--	--	--	3	*	--	1	3
Placer County Water Agency	--	--	--	34,451	--	--	--	--	--	--	--
French Meadows (CA)	--	--	--	-20	--	--	--	--	--	--	--
Hell Hole (WA)	--	--	--	78	--	--	--	--	--	--	--
Middle Fork (CA)	--	--	--	13,217	--	--	--	--	--	--	--
Oxbow (CA)	--	--	--	2,957	--	--	--	--	--	--	--
Ralston (CA)	--	--	--	13,189	--	--	--	--	--	--	--
Plains Elec Gen & Trans Coup.											
Inc	149,706	--	59	--	--	--	86	--	1	160	9
Algodones (NM)	--	--	--	--	--	--	--	--	--	--	--
Escalante (NM)	149,706	--	59	--	--	--	86	--	1	160	9
Plainview Municipal Power Plant	--	--	--	--	--	--	--	--	--	--	*
Plainview (NE)	--	--	--	--	--	--	--	--	--	--	*
Plaquemine Lt & Wtr Plant	--	--	--	--	--	--	--	--	*	--	--
Plaquemine (LA)	--	--	--	--	--	--	--	--	*	--	--
Piatte River Power Auth	173,005	3	--	--	--	--	104	*	--	184	3
Rawhide (CO)	173,005	3	--	--	--	--	104	*	--	184	3
Ponca City Mun Wtr & Lt Dept	--	17	148	--	--	--	--	*	2	--	1
Ponca Steam (OK)	--	--	--	--	--	--	--	--	--	--	--
Ponca Steam (OK)	--	17	148	--	--	--	--	*	--	--	1
Portland City Of Electric Dept	--	--	--	82	--	--	--	--	--	--	*
Jenkins, Frank (MI)	--	--	--	--	--	--	--	--	--	--	*
Portland (MI)	--	--	--	82	--	--	--	--	--	--	--
Portland General Electric Company	362,147	26,395	113,204	193,621	-6,059	--	201	43	1,113	578	241
Beaver (OR)	--	25,704	113,204	--	--	--	--	41	1,113	--	211
Bethel (OR)	--	222	--	--	--	--	--	1	--	--	16
Boardman (OR)	362,147	469	--	--	--	--	201	1	--	578	14
Bull Run (OR)	--	--	--	8,806	--	--	--	--	--	--	--
Faraday (OR)	--	--	--	12,870	--	--	--	--	--	--	--
North Fork (OR)	--	--	--	14,763	--	--	--	--	--	--	--
Oak Grove (OR)	--	--	--	16,914	--	--	--	--	--	--	--
Pelton (OR)	--	--	--	33,211	--	--	--	--	--	--	--
Pelton Re Regulation (OR)	--	--	--	6,766	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	6,305	--	--	--	--	--	--	--
Portland Hydro Proj 2 (OR)	--	--	--	--	--	--	--	--	--	--	--
River Mill (OR)	--	--	--	8,063	--	--	--	--	--	--	--
Round Butte (OR)	--	--	--	74,143	--	--	--	--	--	--	--
Sullivan (OR)	--	--	--	11,780	--	--	--	--	--	--	--
Summit (OR)	--	--	--	--	--	--	--	--	--	--	*
Trojan (OR)	--	--	--	--	-6,059	--	--	--	--	--	--
Potomac Edison Co (APS)	17,700	167	--	3,070	--	--	8	*	--	37	1
Dam 4 (WV)	--	--	--	432	--	--	--	--	--	--	--
Dam 5 (WV)	--	--	--	325	--	--	--	--	--	--	--
Harpers Ferry (WV)	--	--	--	--	--	--	--	--	--	--	--
Luray (VA)	--	--	--	1,006	--	--	--	--	--	--	--
Millville (WV)	--	--	--	1,005	--	--	--	--	--	--	--
Newport (VA)	--	--	--	--	--	--	--	--	--	--	--
Shenandoah (VA)	--	--	--	32	--	--	--	--	--	--	--
Smith, R P (MD)	17,700	167	--	--	--	--	8	*	--	37	1
Warren (VA)	--	--	--	270	--	--	--	--	--	--	--
Potomac Electric Power Co	1,335,208	71,402	3,806	--	--	--	505	158	63	1,597	1,033
Benning (DC)	--	-123	--	--	--	--	--	4	--	--	98
Buzzard Point (DC)	--	-267	--	--	--	--	--	--	--	--	19
Chalk Point (MD)	350,666	66,554	3,630	--	--	--	133	144	56	467	513
Dickerson (MD)	294,812	761	176	--	--	--	110	1	8	354	40
Morgantown (MD)	554,479	3,358	--	--	--	--	206	6	--	636	362
Potomac River (VA)	135,251	1,119	--	--	--	--	55	2	--	140	1
Power Authority Of The State Of NY											
Ashokan (NY)	--	55,431	125,786	2,052,086	675,049	--	--	99	1,388	--	137
Astoria (NY)	--	--	--	1,456	--	--	--	--	--	--	--
Blenheim (NY)	--	55,431	125,786	--	--	--	--	99	1,388	--	137
Crescent (NY)	--	--	--	-75,717	--	--	--	--	--	--	--
Fitzpatrick (NY)	--	--	--	4,028	--	--	--	--	--	--	--
Hinckley (NY)	--	--	--	--	84,275	--	--	--	--	--	--
Indian Point (NY)	--	--	--	3,735	--	--	--	--	--	--	--
Kensico (NY)	--	--	--	--	590,774	--	--	--	--	--	--
Lewiston (NY)	--	--	--	-11,891	--	--	--	--	--	--	--
Moses Niagara (NY)	--	--	--	1,559,835	--	--	--	--	--	--	--
Moses Power Dam (NY)	--	--	--	565,746	--	--	--	--	--	--	--
Vischer Ferry (NY)	--	--	--	4,894	--	--	--	--	--	--	--
Pratt City Of	--	--	3,418	--	--	--	--	--	44	--	2
Pratt (KS)	--	--	3,418	--	--	--	--	--	44	--	2
Preston Public Utilities Comm	--	-20	--	--	--	--	--	*	--	--	*
Preston (MN)	--	-20	--	--	--	--	--	*	--	--	*
Preston, Town Of Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Preston (IA)	--	--	--	--	--	--	--	--	--	--	--
Primghar Municipal Lt Plant	--	--	--	--	--	--	--	--	--	--	--
Primghar (IA)	--	--	--	--	--	--	--	--	--	--	--
Princeton Mun Pwr & Lt Plant	--	12	--	--	--	--	--	*	--	--	*
Princeton (MN)	--	12	--	--	--	--	--	*	--	--	*
Princeton Municipal Utilities	--	24	183	--	--	--	--	*	2	--	*
Princeton (IL)	--	24	183	--	--	--	--	*	2	--	*
Providence Lt & Wtr	--	--	--	--	--	--	--	--	--	--	--
Providence (RI)	--	--	--	--	--	--	--	--	--	--	--
Provo City Corporation Dept Of Util	--	2	12	--	--	--	--	*	*	--	1
Provo (UT)	--	2	12	--	--	--	--	*	*	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Public Serv Co Of Oklahoma											
(CSW)	532,636	30	431,859	--	--	--	330	*	4,278	615	98
Comanche (OK)	--	2	124,261	--	--	--	--	*	1,068	--	*
Northeastern (OK)	532,636	5	88,453	--	--	--	330	*	924	615	*
Riverside (OK)	--	2	219,143	--	--	--	--	*	2,286	--	97
Southwestern (OK)	--	--	--	--	--	--	--	*	--	--	*
Tulsa (OK)	--	17	--	--	--	--	--	*	--	--	*
Weleetka (OK)	--	4	2	--	--	--	--	*	*	--	*
Public Service Co Of Colorado	1,407,105	310	20,780	6,016	--	--	774	1	267	1,805	98
Alamosa (CO)	--	13	89	--	--	--	--	*	2	--	6
Ames (CO)	--	--	--	627	--	--	--	--	--	--	--
Arapahoe (CO)	106,273	--	216	--	--	--	54	--	3	80	--
Boulder Hydro (CO)	--	--	--	1,811	--	--	--	--	--	--	--
Cabin Creek (CO)	--	--	--	-6,058	--	--	--	--	--	--	--
Cameo (CO)	39,150	2	1,029	--	--	--	20	*	11	40	*
Cherokee (CO)	381,702	--	5,999	--	--	--	178	--	65	349	*
Comanche (CO)	327,804	281	643	--	--	--	202	1	7	332	3
Fort Lupton (CO)	--	--	1,265	--	--	--	--	--	19	--	14
Fruita (CO)	--	1	88	--	--	--	--	*	2	--	*
Georgetown Hydro (CO)	--	--	--	80	--	--	--	--	--	--	--
Hayden (CO)	117,769	--	150	--	--	--	58	--	2	637	4
Palisade Hydro (CO)	--	--	--	2,081	--	--	--	--	--	--	--
Pawnee (CO)	324,284	13	147	--	--	--	212	*	1	268	8
Salida No. 1 Hydro (CO)	--	--	--	132	--	--	--	--	--	--	--
Salida No. 2 Hydro (CO)	--	--	--	210	--	--	--	--	--	--	--
Shoshone Hydro (CO)	--	--	--	5,651	--	--	--	--	--	--	--
Tacoma (CO)	--	--	--	1,482	--	--	--	--	--	--	--
Valmont (CO)	110,123	--	10,451	--	--	--	50	--	148	98	10
Zuni (CO)	--	--	703	--	--	--	--	--	7	--	53
Public Service Co Of New Hampshire	284,326	79,768	--	30,677	626,614	--	117	140	--	380	394
Amoskeag (NH)	--	--	--	9,913	--	--	--	--	--	--	--
Ayers Island (NH)	--	--	--	3,050	--	--	--	--	--	--	--
Canaan (VT)	--	--	--	712	--	--	--	--	--	--	--
Eastman Falls (NH)	--	--	--	1,992	--	--	--	--	--	--	--
Garvins Falls (NH)	--	--	--	4,221	--	--	--	--	--	--	--
Gorham (NH)	--	--	--	881	--	--	--	--	--	--	--
Hooksett (NH)	--	--	--	1,114	--	--	--	--	--	--	--
Jackman (NH)	--	--	--	1,596	--	--	--	--	--	--	--
Lost Nation (NH)	--	38	--	--	--	--	--	*	--	--	2
Merrimack (NH)	266,290	89	--	--	--	--	102	*	--	292	3
Newington (NH)	--	77,049	--	--	--	--	--	130	--	--	335
Schiller (NH)	18,036	2,562	--	--	--	--	15	9	--	89	52
Seabrook (NH)	--	--	--	--	626,614	--	--	--	--	--	--
Smith (NH)	--	--	--	7,198	--	--	--	--	--	--	--
Swans Falls (ME)	--	-2	--	--	--	--	--	--	--	--	*
White Lake (NH)	--	32	--	--	--	--	--	*	--	--	2
Public Service Co Of New Mexico	828,913	2,784	-325	--	--	--	502	6	--	613	32
Las Vegas (NM)	--	-22	--	--	--	--	--	--	--	--	4
Person (NM)	--	--	--	--	--	--	--	--	--	--	--
Reeves (NM)	--	--	-325	--	--	--	--	--	--	--	--
San Juan (NM)	828,913	2,806	--	--	--	--	502	6	--	613	27
Public Service Elec And Gas Co	556,927	2,709	11,687	--	2,095,420	--	202	24	253	577	763
Bayonne (NJ)	--	36	--	--	--	--	--	*	--	--	3
Bergen (NJ)	--	38	1,127	--	--	--	--	1	69	--	3
Burlington (NJ)	--	3,673	--	--	--	--	--	10	--	--	112
Edison (NJ)	--	227	1,239	--	--	--	--	1	18	--	54
Essex (NJ)	--	8	3,074	--	--	--	--	*	42	--	36
Hope Creek (NJ)	--	--	--	--	790,922	--	--	--	--	--	--
Hudson (NJ)	249,754	-63	847	--	--	--	96	--	27	232	179
Kearny (NJ)	--	-1,574	-39	--	--	--	--	2	3	--	61
Linden (NJ)	--	-259	--	--	--	--	--	10	2	--	215
Mercer (NJ)	307,173	709	3,230	--	--	--	106	1	30	345	9

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	-7	--	--	1,304,498	--	--	--	--	--	15
Sewaren (NJ)	--	-73	2,209	--	--	--	--	--	61	--	74
Puget Sound Power & Light											
Company	--	23,298	7,050	71,207	--	--	--	44	82	--	347
Crystal Mountain (WA)	--	87	--	--	--	--	--	*	--	--	*
Electron (WA)	--	--	--	8,234	--	--	--	--	--	--	--
Frederickson (WA)	--	--	7,011	--	--	--	--	--	82	--	93
Fredonia (WA)	--	23,147	--	--	--	--	--	43	--	--	101
Lower Baker (WA)	--	--	--	20,262	--	--	--	--	--	--	--
Nooksack (WA)	--	--	--	349	--	--	--	--	--	--	--
Shuffleton (WA)	--	-58	--	--	--	--	--	*	--	--	1
Snoqualmie (WA)	--	--	--	16,501	--	--	--	--	--	--	--
South Whidbey (WA)	--	49	--	--	--	--	--	*	--	--	10
Upper Baker (WA)	--	--	--	15,378	--	--	--	--	--	--	--
White River (WA)	--	--	--	10,483	--	--	--	--	--	--	--
Whitehorn (WA)	--	73	39	--	--	--	--	*	*	--	142
PSI Energy, Inc	2,520,138	9,262	--	28,992	--	--	1,181	18	--	2,839	37
Cayuga (IN)	493,394	499	--	--	--	--	232	1	--	439	4
Connersville (IN)	--	-29	--	--	--	--	--	*	--	--	7
Edwardsport (IN)	9,417	166	--	--	--	--	7	*	--	24	2
Gallagher, R (IN)	65,328	2,949	--	--	--	--	35	6	--	518	2
Gibson (IN)	1,640,552	2,281	--	--	--	--	754	4	--	1,523	6
Markland (IN)	--	--	--	28,992	--	--	--	--	--	--	--
Miami Wabash (IN)	--	-110	--	--	--	--	--	*	--	--	13
Noblesville (IN)	594	16	--	--	--	--	1	*	--	36	1
Wabash River (IN)	310,853	3,490	--	--	--	--	154	7	--	299	3
R V Light & Power	--	--	--	4	--	--	--	--	--	--	--
White River (SD)	--	--	--	4	--	--	--	--	--	--	--
Radford Mun Power Plant	--	--	--	662	--	--	--	--	--	--	--
Radford (VA)	--	--	--	662	--	--	--	--	--	--	--
Rantoul, Village Of, Lt & Pwr											
Dept	--	--	--	--	--	--	--	--	--	--	*
Rantoul (IL)	--	--	--	--	--	--	--	--	--	--	*
Raton Public Service Company	2,828	--	--	--	--	--	2	--	--	2	--
Raton (NM)	2,828	--	--	--	--	--	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)	--	11	--	--	--	--	--	*	--	--	*
Red Cloud (NE)	--	11	--	--	--	--	--	*	--	--	*
Redding City Of	--	--	--	1,988	--	--	--	--	--	--	--
Whiskeytown (CA)	--	--	--	1,988	--	--	--	--	--	--	--
Redlands Water & Power Co	--	--	--	897	--	--	--	--	--	--	--
Redlands (CO)	--	--	--	897	--	--	--	--	--	--	--
Redwood Falls Pub Util Comm	--	122	--	65	--	--	--	*	--	--	3
Redwood Falls (MN)	--	122	--	65	--	--	--	*	--	--	3
Rensselaer City Of Mun Power											
Plant	--	5	--	--	--	--	--	*	--	--	*
Rensselaer (IN)	--	5	--	--	--	--	--	*	--	--	*
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, January 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	55,339	33	--	--	--	--	28	*	--	60	1
Whitewater Valley (IN)	55,339	33	--	--	--	--	28	*	--	60	1
River Falls Municipal Utilities	--	11	--	139	--	--	--	*	*	--	3
Junction (WI)	--	11	--	117	--	--	--	*	*	--	3
Powell Falls (WI)	--	--	--	22	--	--	--	--	--	--	--
Robstown City Of	--	55	375	--	--	--	--	*	5	--	7
Robstown (TX)	--	55	375	--	--	--	--	*	5	--	7
Rochelle Municipal Utilities	--	--	689	--	--	--	--	--	7	--	1
Rochelle No. 1 (IL)	--	--	--	--	--	--	--	--	--	--	--
Rochelle No. 2 (IL)	--	--	689	--	--	--	--	--	7	--	1
Rochester City Of Elec Dept	12,040	-27	528	670	--	--	6	*	6	17	2
Cascade Creek (MN)	--	-27	--	--	--	--	--	*	--	--	2
Rochester (MN)	--	--	--	670	--	--	--	--	--	--	--
Silver Lake (MN)	12,040	--	528	--	--	--	6	--	6	17	--
Rochester Gas & Elec Corp	110,986	985	184	29,831	355,941	--	50	2	3	193	5
Genoa (NY)	--	--	--	--	355,941	--	--	--	--	--	--
Station 160 (NY)	--	--	--	79	--	--	--	--	--	--	--
Station 170 (NY)	--	--	--	597	--	--	--	--	--	--	--
Station 172 (NY)	--	--	--	73	--	--	--	--	--	--	--
Station 2 (NY)	--	--	--	3,750	--	--	--	--	--	--	--
Station 26 (NY)	--	--	--	647	--	--	--	--	--	--	--
Station 3 (NY)	12,834	325	--	--	--	--	5	1	--	40	4
Station 5 (NY)	--	--	--	24,685	--	--	--	--	--	--	--
Station 7 (NY)	98,152	660	--	--	--	--	46	1	--	152	1
Station 9 (NY)	--	--	184	--	--	--	--	--	3	--	--
Rock Port Bd Of Public Works	--	1	10	--	--	--	--	*	*	--	*
Rockport (MO)	--	1	10	--	--	--	--	*	*	--	*
Rock Rapids City Of (Util Div)	--	--	--	--	--	--	--	*	--	--	*
Rock Rapids (IA)	--	--	--	--	--	--	--	*	--	--	*
Rockford Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Rockford (IA)	--	--	--	--	--	--	--	--	--	--	--
Rockville Center El Lt Dept	--	127	555	--	--	--	--	*	7	--	2
Rockville (NY)	--	127	555	--	--	--	--	*	7	--	2
Roseau, Village Of	--	3	--	--	--	--	--	*	--	--	*
Roseau (MN)	--	3	--	--	--	--	--	*	--	--	*
Russell City Of	--	389	2,604	--	--	--	--	1	29	--	2
Russell (KS)	--	389	2,604	--	--	--	--	1	29	--	2
Ruston Water & Light Plant	--	--	13,438	--	--	--	--	--	154	--	--
Ruston (LA)	--	--	13,438	--	--	--	--	--	154	--	--
Sabetha City Of	--	14	10	--	--	--	--	*	*	--	2
Sabetha (KS)	--	14	10	--	--	--	--	*	*	--	2
Sacramento Municipal Utility Dist	--	--	464	103,916	--	83,045	--	*	8	--	3
Camino (CA)	--	--	--	21,518	--	--	--	--	--	--	--
Camp Far W (CA)	--	--	--	2,752	--	--	--	--	--	--	--
Coldwater Creek (CA)	--	--	--	--	--	38,987	--	--	--	--	--
Jaybird (CA)	--	--	--	24,378	--	--	--	--	--	--	--
Jones Fork (CA)	--	--	--	1,488	--	--	--	--	--	--	--
Loon Lake (CA)	--	--	--	1,346	--	--	--	--	--	--	--
McClellan (CA)	--	--	464	--	--	--	--	*	8	--	3
Robbs Peak (CA)	--	--	--	2,729	--	--	--	--	--	--	--
Slab Creek (CA)	--	--	--	-6	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	--	--	44,020	--	--	--	--	--
Solar (CA)	--	--	--	--	--	38	--	--	--	--	--
Union Valley (CA)	--	--	--	2,324	--	--	--	--	--	--	--
White Rock (CA)	--	--	--	47,387	--	--	--	--	--	--	--
Safe Harbor Water Power Corp ...	--	--	--	159,547	--	--	--	--	--	--	--
Safe Harbor (PA)	--	--	--	159,547	--	--	--	--	--	--	--
Salt River Proj Agri Imp Pwr Dist	1,895,437	2,908	4,875	128,897	--	--	896	5	91	1,992	515
* Central Storage *	--	--	--	--	--	--	--	--	--	--	23
Agua Fria (AZ)	--	--	5,037	--	--	--	--	--	74	--	222
Coronado (AZ)	408,681	1,280	--	--	--	--	221	2	--	695	21
Crosscut (AZ)	--	-1	--	--	--	--	--	--	--	--	--
Horse Mesa (AZ)	--	--	--	79,477	--	--	--	--	--	--	--
Kyrene (AZ)	--	11	718	--	--	--	--	*	17	--	86
Mormon Flat (AZ)	--	--	--	40,685	--	--	--	--	--	--	--
Navajo (AZ)	1,486,756	1,618	--	--	--	--	675	3	--	1,296	57
Roosevelt (AZ)	--	--	--	--	--	--	--	--	--	--	--
San Tan (AZ)	--	--	-880	--	--	--	--	*	*	--	106
South Con (AZ)	--	--	--	--	--	--	--	--	--	--	--
Stewart Mtn (AZ)	--	--	--	8,735	--	--	--	--	--	--	--
San Antonio Public Service Bd	567,229	433	82,595	--	--	--	347	1	918	988	435
Braunig, V H (TX)	--	--	35,129	--	--	--	--	--	388	--	227
Deely, J T (TX)	417,288	398	--	--	--	--	260	1	--	988	--
J K Spruce (TX)	149,941	--	1,476	--	--	--	88	--	18	--	--
Leon Creek (TX)	--	--	-136	--	--	--	--	--	--	--	2
Mission Road (TX)	--	--	-157	--	--	--	--	--	--	--	--
Sommers, O W (TX)	--	35	46,611	--	--	--	--	*	512	--	154
Tuttle, W B (TX)	--	--	-328	--	--	--	--	--	--	--	52
San Diego Gas & Electric											
Company	--	26,277	351,386	--	--	--	--	45	3,712	--	1,153
* Central Storage *	--	--	--	--	--	--	--	--	--	--	*
Division (CA)	--	1	--	--	--	--	--	*	--	--	--
El Cajon (CA)	--	--	--	--	--	--	--	--	--	--	1
Encina (CA)	--	23,814	199,650	--	--	--	--	41	2,180	--	729
Kearny (CA)	--	14	626	--	--	--	--	*	10	--	28
Miramar (CA)	--	--	389	--	--	--	--	--	6	--	--
Naval Station (CA)	--	--	330	--	--	--	--	--	4	--	15
Naval Training Cntr (CA)	--	--	--	--	--	--	--	--	--	--	1
North Island (CA)	--	89	63	--	--	--	--	*	1	--	4
Silver Gate (CA)	--	--	--	--	--	--	--	--	--	--	--
South Bay (CA)	--	2,359	150,419	--	--	--	--	4	1,504	--	375
Station B (CA)	--	--	-91	--	--	--	--	--	8	--	--
San Miguel Electric Coop	281,287	174	--	--	--	--	310	*	--	190	16
San Miguel (TX)	281,287	174	--	--	--	--	310	*	--	190	16
Sanborn Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Sanborn (IA)	--	--	--	--	--	--	--	--	--	--	--
Santa Clara City Of	--	6	4,591	3,118	--	--	--	*	69	--	1
Black Butte (CA)	--	--	--	--	--	--	--	--	--	--	--
Cogen Plant (CA)	--	--	4,406	--	--	--	--	--	67	--	--
Gianera (CA)	--	6	185	--	--	--	--	*	3	--	1
Highline (CA)	--	--	--	--	--	--	--	--	--	--	--
Stony Gorge (CA)	--	--	--	3,118	--	--	--	--	--	--	--
Sargent City Of	--	--	--	--	--	--	--	--	--	--	*
Sargent (NE)	--	--	--	--	--	--	--	--	--	--	*
Savannah Electric & Power Co	--	--	48	--	--	--	--	--	1	85	58
Boulevard (GA)	--	--	--	--	--	--	--	--	*	--	12
McIntosh (GA)	--	--	--	--	--	--	--	--	--	46	*
Port Wentworth (GA)	--	--	48	--	--	--	--	--	*	39	45
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, January 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	--	117	--	--	--	--	--	*	--	--	2
Seaford (DE)	--	117	--	--	--	--	--	*	--	--	2
Seattle Dept Of Lighting	--	--	--	452,144	--	--	--	--	--	--	--
Boundary (WA)	--	--	--	246,758	--	--	--	--	--	--	--
Cedar Falls (WA)	--	--	--	8,593	--	--	--	--	--	--	--
Diablo (WA)	--	--	--	60,700	--	--	--	--	--	--	--
Gorge (WA)	--	--	--	74,387	--	--	--	--	--	--	--
New Halem (WA)	--	--	--	23	--	--	--	--	--	--	--
Ross Dam (WA)	--	--	--	61,683	--	--	--	--	--	--	--
Sebewaing Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	*
Main Street (MI)	--	--	--	--	--	--	--	--	--	--	*
Pine Street (MI)	--	--	--	--	--	--	--	--	--	--	--
Sequin City Of	--	2	--	162	--	--	--	*	--	--	*
Sequin (TX)	--	2	--	162	--	--	--	*	--	--	*
Seminole Electric Coop Inc	724,788	2,629	--	--	--	--	308	5	--	347	7
Seminole (FL)	724,788	2,629	--	--	--	--	308	5	--	347	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	7,859	--	39	--	--	--	5	--	1	13	*
Shelby (OH)	7,859	--	39	--	--	--	5	--	1	13	*
Sho Me Power Cooperative	--	--	--	--	--	--	--	--	--	--	--
Niangua (MO)	--	--	--	--	--	--	--	--	--	--	--
Shrewsbury El Lt Plant	--	-52	--	--	--	--	--	*	--	--	2
Shrewsbury (MA)	--	-52	--	--	--	--	--	*	--	--	2
Sibley Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Sibley (IA)	--	--	--	--	--	--	--	--	--	--	--
Sibley (IA)	--	--	--	--	--	--	--	--	--	--	--
Sidney City Of (Electric Util)	--	8	34	--	--	--	--	*	*	--	1
Sidney (NE)	--	8	34	--	--	--	--	*	*	--	1
Sierra Pacific Power Company	351,390	111,576	4,920	-12	--	--	164	198	52	242	140
Battle Mt (NV)	--	-24	--	--	--	--	--	*	--	--	*
Brunswick (NV)	--	-5	--	--	--	--	--	*	--	--	*
Elko (NV)	--	-4	--	--	--	--	--	--	--	--	*
Fallon (NV)	--	-1	--	--	--	--	--	--	--	--	--
Farad (CA)	--	--	--	--	--	--	--	--	--	--	--
Fleish (NV)	--	--	--	-1	--	--	--	--	--	--	--
Fort Churchill (NV)	--	63,652	2,710	--	--	--	--	105	26	--	54
Gabbs (NV)	--	47	--	--	--	--	--	*	--	--	1
Kings Beach (CA)	--	-17	--	--	--	--	--	--	--	--	1
Lahontan (NV)	--	--	--	--	--	--	--	--	--	--	--
North Valmy (NV)	351,390	2,372	--	--	--	--	164	4	--	242	3
Portola (CA)	--	-29	--	--	--	--	--	--	--	--	*
Tracy (NV)	--	45,591	2,210	--	--	--	--	89	27	--	79
Valley Road (NV)	--	-6	--	--	--	--	--	*	--	--	*
Verdi (NV)	--	--	--	-3	--	--	--	--	--	--	--
Washoe (NV)	--	--	--	-8	--	--	--	--	--	--	--
Winnemucca (NV)	--	--	--	--	--	--	--	--	--	--	*
26 Foot Drop (NV)	--	--	--	--	--	--	--	--	--	--	--
Sikeston Bd Of Mun Utilities	63,535	19,535	--	--	--	--	30	1	--	157	2

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	63,535	19,535	--	--	--	--	30	1	--	157	2
Sioux Center Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Sioux Center (IA)	--	--	--	--	--	--	--	--	--	--	--
Sitka City Of (Electric Dept)	--	15	--	9,203	--	--	--	*	--	--	4
Blue Lake (AK)	--	--	--	3,822	--	--	--	--	--	--	--
Blue Lake Fish (AK)	--	--	--	--	--	--	--	--	--	--	--
Blue Lake Pulp (AK)	--	--	--	--	--	--	--	--	--	--	--
Green Lake (AK)	--	--	--	5,381	--	--	--	--	--	--	--
Indian River (AK)	--	15	--	--	--	--	--	*	--	--	4
Skaneateles City Of	--	--	--	--	--	--	--	--	--	--	--
Skaneateles (NY)	--	--	--	--	--	--	--	--	--	--	--
Sleepy Eye Public Util Comm	649	2	--	--	--	--	1	*	--	1	*
Sleepy Eye (MN)	649	2	--	--	--	--	1	*	--	1	*
Soda Springs City Of	--	--	--	113	--	--	--	--	--	--	--
Soda Springs 1 (ID)	--	--	--	48	--	--	--	--	--	--	--
Soda Springs 2 (ID)	--	--	--	65	--	--	--	--	--	--	--
South Beloit Wtr Gas & Elec Co ..	--	--	--	715	--	--	--	--	--	--	--
Rockton (IL)	--	--	--	715	--	--	--	--	--	--	--
South Carolina Public Service											
Auth	857,829	2,122	--	78,704	--	--	348	4	*	1,051	131
Cross (SC)	267,028	1,210	--	--	--	--	106	2	--	216	4
Grainger, Dolphus M (SC)	15,640	17	--	--	--	--	7	*	--	73	*
Hilton Head (SC)	--	-54	--	--	--	--	--	*	--	--	36
Jefferies (SC)	69,486	77	--	19,339	--	--	29	*	--	162	49
Myrtle Beach (SC)	--	-17	--	--	--	--	--	*	*	--	36
Spillway (SC)	--	--	--	729	--	--	--	--	--	--	--
St. Stephen (SC)	--	--	--	58,636	--	--	--	--	--	--	--
Winyah (SC)	505,675	889	--	--	--	--	206	2	--	600	5
South Mississippi Elec Pwr Assn	129,029	214	21,902	--	--	--	55	*	273	370	46
Benndale (MS)	--	--	--	--	--	--	--	--	--	--	--
Morrow (MS)	129,029	214	--	--	--	--	55	*	--	370	7
Moselle (MS)	--	--	21,902	--	--	--	--	--	273	--	38
Paulding (MS)	--	--	--	--	--	--	--	--	--	--	1
South Norwalk Elec Wks, The	--	--	--	--	--	--	--	--	--	--	1
South Norwalk (CT)	--	--	--	--	--	--	--	--	--	--	1
South Texas Elec Coop, Inc	--	--	116	--	--	--	--	--	2	--	--
Rayburn, Sam (TX)	--	--	116	--	--	--	--	--	2	--	--
Southern California Edison											
Company	1,018,146	2,038	1,803,389	312,563	1,527,676	--	486	4	17,417	696	4,556
* Central Storage *	--	--	--	--	--	--	--	--	--	--	791
Alamitos (CA)	--	--	423,844	--	--	--	--	--	4,182	--	536
Baker Dam (CA)	--	--	--	--	--	--	--	--	--	--	--
Balsam Meadow (CA)	--	--	--	15,408	--	--	--	--	--	--	--
Big Creek 1 (CA)	--	--	--	18,147	--	--	--	--	--	--	--
Big Creek 2 (CA)	--	--	--	17,497	--	--	--	--	--	--	--
Big Creek 2a (CA)	--	--	--	27,943	--	--	--	--	--	--	--
Big Creek 3 (CA)	--	--	--	69,693	--	--	--	--	--	--	--
Big Creek 4 (CA)	--	--	--	39,648	--	--	--	--	--	--	--
Big Creek 8 (CA)	--	--	--	16,253	--	--	--	--	--	--	--
Bishop Creek 2 (CA)	--	--	--	3,390	--	--	--	--	--	--	--
Bishop Creek 3 (CA)	--	--	--	3,073	--	--	--	--	--	--	--
Bishop Creek 4 (CA)	--	--	--	3,956	--	--	--	--	--	--	--
Bishop Creek 5 (CA)	--	--	--	1,714	--	--	--	--	--	--	--
Bishop Creek 6 (CA)	--	--	--	984	--	--	--	--	--	--	--
Borel (CA)	--	--	--	4,408	--	--	--	--	--	--	--

See footnotes at end of table.

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

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Ccoal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Southern California Edison Company											
Cool Water (CA)	--	242	92,204	--	--	--	--	*	901	--	428
El Segundo (CA)	--	--	174,059	--	--	--	--	--	1,696	--	239
Ellwood (CA)	--	-19	--	--	--	--	--	--	--	--	--
Etiwanda (CA)	--	--	115,615	--	--	--	--	--	1,168	--	605
Fontana (CA)	--	--	--	238	--	--	--	--	--	--	--
Highgrove (CA)	--	-177	--	--	--	--	--	--	--	--	43
Huntington Beach (CA)	--	--	84,651	--	--	--	--	--	825	--	179
Kaweah 1 (CA)	--	--	--	1,352	--	--	--	--	--	--	--
Kaweah 2 (CA)	--	--	--	1,492	--	--	--	--	--	--	--
Kaweah 3 (CA)	--	--	--	2,850	--	--	--	--	--	--	--
Kern River 1 (CA)	--	--	--	13,875	--	--	--	--	--	--	--
Kern River 3 (CA)	--	--	--	13,343	--	--	--	--	--	--	--
Long Beach (CA)	--	--	38,206	--	--	--	--	--	436	--	124
Lundy (CA)	--	--	--	220	--	--	--	--	--	--	--
Lytle Creek (CA)	--	--	--	141	--	--	--	--	--	--	--
Mammoth Pool (CA)	--	--	--	46,702	--	--	--	--	--	--	--
Mandalay (CA)	--	--	35,222	--	--	--	--	--	330	--	438
Mill Creek 1 (CA)	--	--	--	265	--	--	--	--	--	--	--
Mill Creek 2&3 (CA)	--	--	--	--	--	--	--	--	--	--	--
Mill Creek 3 (CA)	--	--	--	834	--	--	--	--	--	--	--
Mohave (NV)	1,018,146	--	18,944	--	--	--	486	--	192	696	--
Ontario 1 (CA)	--	--	--	151	--	--	--	--	--	--	--
Ontario 2 (CA)	--	--	--	77	--	--	--	--	--	--	--
Ormond Beach (CA)	--	--	633,066	--	--	--	--	--	5,806	--	810
Pebbly Beach (CA)	--	1,992	--	--	--	--	--	4	--	--	3
Poole (CA)	--	--	--	1,454	--	--	--	--	--	--	--
Portal (CA)	--	--	--	1,699	--	--	--	--	--	--	--
Redondo Beach (CA)	--	--	183,598	--	--	--	--	--	1,831	--	289
Rush Creek (CA)	--	--	--	3,412	--	--	--	--	--	--	--
San Bernardino (CA)	--	--	3,980	--	--	--	--	--	49	--	71
San Geronio (CA)	--	--	--	--	--	--	--	--	--	--	--
San Geronio (CA)	--	--	--	--	--	--	--	--	--	--	--
San Onofre (CA)	--	--	--	--	1,527,676	--	--	--	--	--	--
Santa Ana 1 (CA)	--	--	--	238	--	--	--	--	--	--	--
Santa Ana 2 (CA)	--	--	--	105	--	--	--	--	--	--	--
Santa Ana 3 (CA)	--	--	--	99	--	--	--	--	--	--	--
Sierra (CA)	--	--	--	150	--	--	--	--	--	--	--
Tule River (CA)	--	--	--	1,752	--	--	--	--	--	--	--
Southern Illinois Power Coop	90,392	91	--	--	--	--	54	*	--	355	3
Marion (IL)	90,392	91	--	--	--	--	54	*	--	355	3
Southern Indiana Gas & Electric Co											
A. B. Brown (IN)	429,088	80	1,208	--	--	--	211	*	13	769	3
Broadway (IN)	182,739	72	817	--	--	--	87	*	9	417	2
Culley (IN)	--	--	126	--	--	--	--	--	2	--	1
Northeast (IN)	177,561	8	51	--	--	--	91	*	1	262	*
Warrick (IN)	68,788	--	212	--	--	--	33	--	2	91	--
Southwest Public Power District											
Palisade (NE)	--	--	--	--	--	--	--	--	--	--	--
Southwestern Elec Power Co (CSW)											
Arsenal Hill (LA)	1,314,490	1,103	29,764	--	--	--	925	2	419	1,940	114
Flint Creek (AR)	--	--	-117	--	--	--	--	--	--	--	--
Knox Lee (TX)	242,691	99	--	--	--	--	161	*	--	187	8
Lieberman (LA)	--	--	-557	--	--	--	--	--	--	--	66
Lone Star (TX)	--	--	-301	--	--	--	--	--	--	--	20
Pirkey (TX)	--	--	20,354	--	--	--	--	--	305	--	14
Welsh (TX)	394,713	--	274	--	--	--	323	--	3	203	--
Wilkes (TX)	677,086	1,004	--	--	--	--	441	2	--	1,549	7
Southwestern Public Service Co	1,355,401	136	240,224	--	--	27,279	773	*	2,534	1,205	87
Carlsbad (NM)	--	--	32	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	--	--	27,279	--	--	--	--	--
Cunningham (NM)	--	--	70,010	--	--	--	--	--	703	--	--
Harrington (TX)	678,455	--	665	--	--	--	388	--	7	697	--
Jones (TX)	--	57	115,794	--	--	--	--	*	1,210	--	56
Maddox (NM)	--	--	547	--	--	--	--	--	7	--	--
Nichols (TX)	--	--	45,345	--	--	--	--	--	507	--	--
Plant X (TX)	--	--	7,824	--	--	--	--	--	100	--	31
Tolk Station (TX)	676,946	--	7	--	--	--	385	--	*	508	--
Tucumcari (NM)	--	79	--	--	--	--	--	*	--	--	1
Soyland Power Coop, Inc	8,005	6	--	--	--	--	5	*	--	8	4
Pearl Station (IL)	8,005	110	--	--	--	--	5	*	--	8	3
Pittsfield (IL)	--	-99	--	--	--	--	--	*	--	--	*
Winchester (IL)	--	-5	--	--	--	--	--	--	--	--	*
Spalding Mun Lt & Pwr Co	--	--	--	75	--	--	--	--	--	--	*
Spalding (NE)	--	--	--	75	--	--	--	--	--	--	*
Spartanburg City Of	--	--	--	350	--	--	--	--	--	--	--
Spartanburg (SC)	--	--	--	350	--	--	--	--	--	--	--
Spencer Municipal Utilities	--	--	--	--	--	--	--	--	--	--	13
Spencer (IA)	--	--	--	--	--	--	--	--	--	--	13
Spring Valley City Of	--	--	--	--	--	--	--	--	--	--	*
Spring Valley (MN)	--	--	--	--	--	--	--	--	--	--	*
Springfield City Of	158,259	252	--	--	--	--	88	1	--	74	8
Dallman (IL)	147,765	196	--	--	--	--	81	*	--	72	--
Factory (IL)	--	3	--	--	--	--	--	*	--	--	3
Lakeside (IL)	10,494	51	--	--	--	--	7	*	--	2	4
Reynolds (IL)	--	2	--	--	--	--	--	*	--	--	1
Springfield City Of	--	--	--	--	--	--	--	--	--	--	--
Springfield (CO)	--	--	--	--	--	--	--	--	--	--	--
Springfield Public Utilities	--	--	--	--	--	--	--	--	--	--	--
Springfield (MN)	--	--	--	--	--	--	--	--	--	--	--
Springfield Utilities	124,291	6	573	--	--	--	59	*	8	153	9
James River (MO)	31,802	--	179	--	--	--	16	--	2	78	5
Main Street (MO)	--	6	--	--	--	--	--	*	--	--	1
Southwest (MO)	92,489	--	394	--	--	--	42	--	5	75	4
Springville Electric System	--	--	--	139	--	--	--	--	--	--	--
Springville (NY)	--	--	--	139	--	--	--	--	--	--	--
Springville Municipal Corporation	--	-13	--	111	--	--	--	*	1	--	*
Bartholomew (UT)	--	--	--	63	--	--	--	--	--	--	--
Hobble Creek (UT)	--	--	--	47	--	--	--	--	--	--	--
Spring Creek (UT)	--	--	--	1	--	--	--	--	--	--	--
Whitehead (UT)	--	-13	--	--	--	--	--	*	1	--	*
St Cloud Public Utilities	--	550	32	--	--	--	--	1	*	--	3
St Cloud (FL)	--	550	32	--	--	--	--	1	*	--	3
St Francis City Of	--	--	6	--	--	--	--	*	*	--	*
St Francis (KS)	--	--	6	--	--	--	--	*	*	--	*
St George City Corp Util											
Commission	--	17	--	74	--	--	--	*	--	--	2
Gunlock Hydro (UT)	--	--	--	74	--	--	--	--	--	--	--
No 2 Diesel (ID)	--	17	--	--	--	--	--	*	--	--	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, January 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)
St Joseph Light & Power Co	25,313	-264	275	--	--	--	13	1	7	79	64
Lake Road (MO)	25,313	-264	275	--	--	--	13	1	7	79	64
St Louis Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Saint Louis (MI)	--	--	--	--	--	--	--	--	--	--	--
St Marys Mun Lt & Pwr Plant	4,689	1	--	--	--	--	3	*	--	*	1
Saint Marys (OH)	4,689	1	--	--	--	--	3	*	--	*	1
Stafford City Of	--	--	--	--	--	--	--	*	*	--	*
Stafford (KS)	--	--	--	--	--	--	--	*	*	--	*
Stanberry Power Co	--	--	--	--	--	--	--	--	--	--	--
Stanberry (MO)	--	--	--	--	--	--	--	--	--	--	--
Starke Mun Lt & Wtr Plant	--	48	277	--	--	--	--	*	5	--	1
Stark (FL)	--	48	277	--	--	--	--	*	5	--	1
State Center Mun Lt Plant	--	--	--	--	--	--	--	--	--	--	*
State Center (IA)	--	--	--	--	--	--	--	--	--	--	*
Sterling City Of	--	14	86	--	--	--	--	*	1	--	2
Sterling (KS)	--	14	86	--	--	--	--	*	1	--	2
Stillwater City Of	--	--	--	--	--	--	--	--	--	--	1
Boomer Lake (OK)	--	--	--	--	--	--	--	--	--	--	1
Stockton City Of	--	-20	--	--	--	--	--	*	*	--	*
Stockton (KS)	--	-20	--	--	--	--	--	*	*	--	*
Story City Mun Elec Utility	--	--	--	--	--	--	--	--	--	--	--
Story City (IA)	--	--	--	--	--	--	--	--	--	--	--
Strawberry Point Lt & Wtr Dept ..	--	1	--	--	--	--	--	*	--	--	*
Strawberry Point (IA)	--	1	--	--	--	--	--	*	--	--	*
Strawberry Water Users Assoc ...	--	--	--	1,380	--	--	--	--	--	--	--
Payson (UT)	--	--	--	92	--	--	--	--	--	--	--
Spanish Fork (UT)	--	--	--	1,288	--	--	--	--	--	--	--
Stuart Light & Power Plant	--	1	--	--	--	--	--	*	*	--	*
Stuart (NE)	--	1	--	--	--	--	--	*	*	--	*
Stuart Light & Power System	--	--	2	--	--	--	--	*	*	--	*
Stuart (IA)	--	--	2	--	--	--	--	*	*	--	*
Sturgis City Of	--	182	1,071	927	--	--	--	*	9	--	1
Centerville (MI)	--	--	--	927	--	--	--	--	--	--	--
Sturgis (MI)	--	182	1,071	--	--	--	--	*	9	--	1
Sullivan City Of	--	42	341	--	--	--	--	*	4	--	1
Sullivan (IL)	--	42	341	--	--	--	--	*	4	--	1
Summer Municipal Light Dept	--	4	--	--	--	--	--	*	--	--	*
Summer (IA)	--	4	--	--	--	--	--	*	--	--	*
Sunflower Electric Coop	185,350	--	573	--	--	--	111	--	9	142	--
Garden City (KS)	--	--	-82	--	--	--	--	--	*	--	--
Holcomb (KS)	185,350	--	655	--	--	--	111	--	9	142	--
Superior Water Lt & Pwr Co.	--	--	--	--	--	--	--	--	--	--	--
Winslow (WI)	--	--	--	--	--	--	--	--	--	--	--
Swans Island Electric Coop, Inc ..	--	--	--	--	--	--	--	--	--	--	*
Minturn (ME)	--	--	--	--	--	--	--	--	--	--	*
Swanton Electric Department	--	--	--	2,337	--	--	--	--	--	--	--
Higate Falls (VT)	--	--	--	2,337	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	--	--	--	888,229	--	--	--	--	--	--
Grand Gulf (MS)	--	--	--	--	888,229	--	--	--	--	--	--
SCANA Corporation	941,965	1,112	799	87,349	539,702	--	364	2	9	1,048	71
Burton (SC)	--	--	--	--	--	--	--	--	--	--	4
Canadys (SC)	84,475	36	367	--	--	--	36	*	4	188	3
Coit (SC)	--	46	--	--	--	--	--	--	--	--	9
Columbia Hydro (SC)	--	--	--	4,738	--	--	--	--	--	--	--
Faber Place (SC)	--	--	--	--	--	--	--	--	--	--	--
Fairfield County (SC)	--	--	--	-7,441	--	--	--	--	--	--	--
Hagood (SC)	--	--	237	--	--	--	--	--	3	--	15
Hardeeville (SC)	--	--	--	--	--	--	--	--	--	--	*
Mcmeekin (SC)	147,910	99	--	--	--	--	56	*	--	127	4
Neal Shoals (SC)	--	--	--	3,431	--	--	--	--	--	--	--
Parr (SC)	--	--	--	--	--	--	--	--	--	--	10
Parr Hydro (SC)	--	--	--	9,296	--	--	--	--	--	--	--
Saluda Hydro (SC)	--	--	--	69,102	--	--	--	--	--	--	--
Stevens Creek Hydro (GA)	--	--	--	8,223	--	--	--	--	--	--	--
Urquhart (SC)	50,353	79	195	--	--	--	21	*	2	129	1
V. C. Summer (SC)	--	--	--	--	539,702	--	--	--	--	--	--
Wateree (SC)	331,054	544	--	--	--	--	128	1	--	309	10
Williams (SC)	328,173	308	--	--	--	--	123	*	--	295	14
Tacoma Dept Of Pub Util (Light Div)	4,787	--	91	192,336	--	8,129	5	--	2	4	--
Alder (WA)	--	--	--	14,023	--	--	--	--	--	--	--
Cushman 1 (WA)	--	--	--	6,689	--	--	--	--	--	--	--
Cushman 2 (WA)	--	--	--	12,822	--	--	--	--	--	--	--
La Grande (WA)	--	--	--	24,599	--	--	--	--	--	--	--
Mayfield (WA)	--	--	--	58,692	--	--	--	--	--	--	--
Mossyrock (WA)	--	--	--	75,511	--	--	--	--	--	--	--
Steam Plant 2 (WA)	4,787	--	91	--	--	8,129	5	--	2	4	--
Tallahassee City Of	--	784	83,509	4,653	--	--	--	1	914	--	254
Hopkins, Arvoh B (FL)	--	784	78,420	--	--	--	--	1	838	--	131
Jackson Bluff (FL)	--	--	--	4,653	--	--	--	--	--	--	--
Purdom, S O (FL)	--	--	5,089	--	--	--	--	--	76	--	123
Tampa Electric Company	1,171,280	8,616	-42	--	--	--	494	16	--	1,597	214
* Central Storage *	--	--	--	--	--	--	--	--	--	1,013	--
Big Bend (FL)	812,523	6,114	--	--	--	--	340	10	--	434	42
Gannon, F J (FL)	358,757	2,942	--	--	--	--	154	6	--	150	5
Hookers Point (FL)	--	-828	--	--	--	--	--	--	--	--	149
S Dinner Lk (FL)	--	--	-42	--	--	--	--	--	--	--	2
S Phillips (FL)	--	388	--	--	--	--	--	1	--	--	16
Tapoco, Inc	--	--	--	229,108	--	--	--	--	--	--	--
Calderwood (TN)	--	--	--	86,451	--	--	--	--	--	--	--
Cheoah (NC)	--	--	--	86,698	--	--	--	--	--	--	--
Chilhowee (TN)	--	--	--	25,305	--	--	--	--	--	--	--
Santeetlah (NC)	--	--	--	30,654	--	--	--	--	--	--	--
Taunton Mun Lighting Plant	--	1,701	630	--	--	--	--	4	10	--	56
Cleary, B F (MA)	--	1,701	630	--	--	--	--	4	10	--	56
Tecumseh Utility Auth	--	5	10	--	--	--	--	*	*	--	*
Tecumseh (NE)	--	5	10	--	--	--	--	*	*	--	*
Tennessee Valley Authority	7,390,811	19,493	3,811	1,924,616	1,695,620	--	3,041	33	39	6,702	548
Allen (TN)	375,696	1,057	1,995	--	--	--	156	2	20	315	122
Apalachia (TN)	--	--	--	57,471	--	--	--	--	--	--	--
Blue Ridge (GA)	--	--	--	7,508	--	--	--	--	--	--	--
Boone (TN)	--	--	--	19,139	--	--	--	--	--	--	--
Browns Ferry (AL)	--	--	--	--	479,274	--	--	--	--	--	--
Bull Run (TN)	540,383	3,871	--	--	--	--	184	6	--	478	4
Chatuge (NC)	--	--	--	7,149	--	--	--	--	--	--	--
Cherokee (TN)	--	--	--	44,129	--	--	--	--	--	--	--
Chickamauga (TN)	--	--	--	79,166	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	432,555	1,666	1,816	--	--	--	197	3	19	783	93
Cumberland (TN)	1,575,120	2,478	--	--	--	--	657	4	--	1,166	9
Douglas (TN)	--	--	--	45,718	--	--	--	--	--	--	--
Fontana (NC)	--	--	--	173,482	--	--	--	--	--	--	--
Fort Loudoun (TN)	--	--	--	110,273	--	--	--	--	--	--	--
Fort Patrick Henry (TN)	--	--	--	13,643	--	--	--	--	--	--	--
Gallatin (TN)	489,172	2,148	--	--	--	--	195	4	--	277	75
Great Falls (TN)	--	--	--	27,629	--	--	--	--	--	--	--
Guntersville (AL)	--	--	--	78,152	--	--	--	--	--	--	--
Hiwassee (NC)	--	--	--	56,103	--	--	--	--	--	--	--
Johnsonville (TN)	449,718	1,827	--	--	--	--	209	4	--	576	231
Kentucky (KY)	--	--	--	87,191	--	--	--	--	--	--	--
Kingston (TN)	754,521	841	--	--	--	--	297	1	--	490	3
Melton Hill (TN)	--	--	--	18,277	--	--	--	--	--	--	--
Nickajack (TN)	--	--	--	65,118	--	--	--	--	--	--	--
Norris (TN)	--	--	--	47,969	--	--	--	--	--	--	--
Nottely (GA)	--	--	--	6,326	--	--	--	--	--	--	--
Ocoee 1 (TN)	--	--	--	14,035	--	--	--	--	--	--	--
Ocoee 2 (TN)	--	--	--	13,892	--	--	--	--	--	--	--
Ocoee 3 (TN)	--	--	--	19,278	--	--	--	--	--	--	--
Paradise (KY)	1,333,120	2,158	--	--	--	--	543	3	--	1,064	5
Pickwick (TN)	--	--	--	157,466	--	--	--	--	--	--	--
Raccoon Mountain (TN)	--	--	--	-45,587	--	--	--	--	--	--	--
Sequoyah (TN)	--	--	--	--	1,216,346	--	--	--	--	--	--
Sevier, John (TN)	375,012	357	--	--	--	--	140	1	--	339	1
Shawnee (KY)	573,182	1,512	--	--	--	--	244	3	--	581	1
South Holston (TN)	--	--	--	-84	--	--	--	--	--	--	--
Tims Ford (TN)	--	--	--	13,174	--	--	--	--	--	--	--
Watauga (TN)	--	--	--	17,473	--	--	--	--	--	--	--
Watts Bar (TN)	-244	--	--	--	--	--	--	--	--	--	--
Watts Bar (TN)	--	--	--	124,353	--	--	--	--	--	--	--
Wheeler (AL)	--	--	--	233,655	--	--	--	--	--	--	--
Widows Creek (AL)	492,576	1,578	--	--	--	--	220	3	--	633	2
Wilbur (TN)	--	--	--	3,245	--	--	--	--	--	--	--
Wilson (AL)	--	--	--	429,273	--	--	--	--	--	--	--
Texas Municipal Power Agency											
Gibbons Creek (TX)	279,009	--	278	--	--	--	318	--	3	100	11
	279,009	--	278	--	--	--	318	--	3	100	11
Texas Utils Electric Co (TU)											
Big Brown (TX)	3,223,729	5,284	2,503,107	--	623,121	--	2,845	10	25,197	1,509	2,407
	498,423	--	14,067	--	--	--	432	--	160	430	--
Collin (TX)	--	--	18,376	--	--	--	--	--	207	--	65
Comanche Peak (TX)	--	--	--	--	623,121	--	--	--	--	--	--
Dallas (TX)	--	--	-385	--	--	--	--	--	--	--	44
De Cordova (TX)	--	--	401,755	--	--	--	--	--	3,904	--	195
Eagle Mountain (TX)	--	1,210	41,723	--	--	--	--	2	420	--	71
Graham (TX)	--	--	196,884	--	--	--	--	--	1,876	--	58
Handley (TX)	--	--	43,693	--	--	--	--	--	589	--	252
Lake Creek (TX)	--	--	-648	--	--	--	--	--	--	--	117
Lake Hubbard (TX)	--	--	112,753	--	--	--	--	--	1,200	--	216
Martin Lake (TX)	1,479,400	322	--	--	--	--	1,220	1	--	669	64
Monticello (TX)	855,097	3,130	--	--	--	--	838	6	--	338	34
Morgan Creek (TX)	--	--	219,759	--	--	--	--	--	2,264	--	250
Mountain Creek (TX)	--	--	254,401	--	--	--	--	--	2,515	--	148
North Lake (TX)	--	--	103,479	--	--	--	--	--	1,080	--	167
North Main (TX)	--	--	-175	--	--	--	--	--	4	--	14
Parkdale (TX)	--	--	-410	--	--	--	--	--	--	--	50
Permian Basin (TX)	--	--	265,333	--	--	--	--	--	2,636	--	234
River Crest (TX)	--	--	-267	--	--	--	--	--	--	--	31
Sandow (TX)	390,809	386	--	--	--	--	355	1	--	73	--
Stryker Creek (TX)	--	14	91,006	--	--	--	--	--	940	--	76
Tradinghouse Creek (TX)	--	--	546,096	--	--	--	--	--	5,419	--	181
Trinidad (TX)	--	--	1,093	--	--	--	--	--	17	--	35
Valley (TX)	--	222	194,574	--	--	--	--	--	1,967	--	103
Texas-New Mexico Power Co											
Lordsburg (NM)	211,739	--	1,049	--	--	--	171	--	11	46	--
TNP One (TX)	211,739	--	1,049	--	--	--	171	--	11	46	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	305	--	--	--	*	--	--	*
Thief River Falls (MN)	--	1	--	305	--	--	--	*	--	--	*
Thumb Elec Coop Of Michigan ...	--	--	--	--	--	--	--	--	--	--	1
Caro (MI)	--	--	--	--	--	--	--	--	--	--	*
Ubyly (MI)	--	--	--	--	--	--	--	--	--	--	*
Tipton Mun Utilities	--	--	--	--	--	--	--	*	--	--	*
Tipton (IA)	--	--	--	--	--	--	--	*	--	--	*
Toledo Edison Company	305,749	230	68	--	641,538	--	206	1	2	299	7
Acme (OH)	12,906	104	51	--	--	--	7	*	1	37	1
Bay Shore (OH)	292,843	119	--	--	--	--	199	1	--	263	2
Davis-Besse (OH)	--	--	--	--	641,538	--	--	--	--	--	--
Richland (OH)	--	7	17	--	--	--	--	*	1	--	2
Stryker (OH)	--	--	--	--	--	--	--	--	--	--	1
Traer Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Traer (IA)	--	--	--	--	--	--	--	--	--	--	*
Traverse City Of	--	--	--	1,293	--	--	--	--	--	22	--
Bayside (MI)	--	--	--	--	--	--	--	--	--	22	--
Boardman (MI)	--	--	--	539	--	--	--	--	--	--	--
Brown Bridge (MI)	--	--	--	292	--	--	--	--	--	--	--
Elk Rapids (MI)	--	--	--	202	--	--	--	--	--	--	--
Sabin (MI)	--	--	--	260	--	--	--	--	--	--	--
Trenton Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Trenton (NE)	--	--	--	--	--	--	--	--	--	--	--
Trenton Municipal Utilities	--	26	--	--	--	--	--	*	--	--	2
Trenton (MO)	--	--	--	--	--	--	--	--	--	--	*
Trenton PKG (MO)	--	26	--	--	--	--	--	*	--	--	1
Tri State Gen & Trans Assn, Inc. ..	857,582	46	972	--	--	--	447	*	10	966	18
Burlington (CO)	--	2	--	--	--	--	--	*	--	--	14
Craig (CO)	792,769	--	972	--	--	--	404	--	10	954	4
Nucla (CO)	64,813	44	--	--	--	--	43	*	--	11	1
Ouray (CO)	--	--	--	--	--	--	--	--	--	--	--
Trinidad Mun Pwr & Lt Dept	1,057	10	2	--	--	--	1	*	*	1	1
Trinidad (CO)	1,057	10	2	--	--	--	1	*	*	1	1
Truman Public Util Comm	--	--	14	--	--	--	--	*	*	--	*
Truman (MN)	--	--	14	--	--	--	--	*	*	--	*
Tucson Electric Power Company ..	550,284	91	990	--	--	--	307	*	15	197	20
De Moss Petrie (AZ)	--	--	67	--	--	--	--	--	1	--	4
Irvington (AZ)	46,900	--	992	--	--	--	25	--	14	28	5
North Loop (AZ)	--	--	-69	--	--	--	--	--	--	--	7
Springerville (AZ)	503,384	91	--	--	--	--	282	*	--	169	4
Tulia Light & Power Plant	--	--	--	--	--	--	--	--	--	--	*
Tulia (TX)	--	--	--	--	--	--	--	--	--	--	*
Turlock Irrigation Dist	--	2	2,028	3,654	--	--	--	*	35	--	3
Hickman (CA)	--	--	--	-3	--	--	--	--	--	--	--
Lagrange (CA)	--	--	--	502	--	--	--	--	--	--	--
New Don Pedro (CA)	--	--	--	3,121	--	--	--	--	--	--	--
Turlock Lake (CA)	--	--	--	-5	--	--	--	--	--	--	--
Uppr Dawson (CA)	--	--	--	39	--	--	--	--	--	--	--
Walnut (CA)	--	2	2,028	--	--	--	--	*	35	--	3
Two Harbors Wtr & Lt Dept	--	--	--	--	--	--	--	--	--	--	--
Two Harbors (MN)	--	--	--	--	--	--	--	--	--	--	--
Unalakleet Village Elec Assoc	--	358	--	--	--	--	--	1	--	--	4
Unalakleet (AK)	--	--	--	--	--	--	--	--	--	--	--
Unalakleet (AK)	--	358	--	--	--	--	--	1	--	--	4

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	--	--	198	--	--	--	--	--	--	--
Riley (MI)	--	--	--	198	--	--	--	--	--	--	--
Union City (MI)	--	--	--	--	--	--	--	--	--	--	--
Union Electric Company	1,877,092	4,485	-368	245,523	870,268	--	946	9	22	2,727	106
Callaway (MO)	--	--	--	--	870,268	--	--	--	--	--	--
Canton (MO)	--	-22	--	--	--	--	--	--	--	--	--
Howard Bend (MO)	--	-13	--	--	--	--	--	--	--	--	4
Jefferson City (MO)	--	31	--	--	--	--	--	--	--	--	6
Keokuk (IA)	--	--	--	85,643	--	--	--	--	--	--	--
Kirksville (MO)	--	--	2	--	--	--	--	--	--	--	--
Labadie (MO)	1,040,260	3,095	--	--	--	--	561	6	--	1,158	33
Meramec (MO)	70,196	-40	648	--	--	--	36	--	8	132	5
Mexico (MO)	--	-54	--	--	--	--	--	--	--	--	6
Moberly (MO)	--	-5	--	--	--	--	--	--	--	--	6
Moreau (MO)	--	8	--	--	--	--	--	--	--	--	6
Osage (MO)	--	--	--	160,980	--	--	--	--	--	--	--
Portable (MO)	--	--	--	--	--	--	--	--	--	--	--
Rush Island (MO)	399,368	1,435	--	--	--	--	189	3	--	776	4
Sioux (MO)	367,268	74	--	--	--	--	160	--	--	660	1
Taum Sauk (MO)	--	--	--	-1,100	--	--	--	--	--	--	--
Venice No. 2 (IL)	--	-24	-1,202	--	--	--	--	--	11	--	36
Viaduct (MO)	--	--	184	--	--	--	--	--	3	--	--
Unionville City Of	--	-22	--	--	--	--	--	--	--	--	1
Unionville (MO)	--	-22	--	--	--	--	--	--	--	--	1
United Gas Imp Co	29,946	133	--	--	--	--	19	--	--	54	--
Hunlock Creek (PA)	29,946	133	--	--	--	--	19	--	--	54	--
United Illuminating Company,											
The	239,495	212,418	--	--	--	--	91	325	--	142	666
Bridgeport Harbor (CT)	239,495	16,750	--	--	--	--	91	27	--	142	250
English (CT)	--	--	--	--	--	--	--	--	--	--	--
New Haven Harbor (CT)	--	195,668	--	--	--	--	--	299	--	--	416
United Power Association	111,213	23	588	--	--	11,770	95	--	11	116	8
Cambridge (MN)	--	--	--	--	--	--	--	--	--	--	2
Elk River (MN)	--	--	588	--	--	11,770	--	--	11	--	1
Maple Lake (MN)	--	--	--	--	--	--	--	--	--	--	2
Rock Lake (MN)	--	--	--	--	--	--	--	--	--	--	3
Stanton (ND)	111,213	23	--	--	--	--	95	--	--	116	1
Upper Peninsula Power Co	9,675	163	--	13,409	--	--	5	1	--	31	9
AuTrain (MI)	--	--	--	786	--	--	--	--	--	--	--
Cataract (MI)	--	--	--	226	--	--	--	--	--	--	--
Escanaba (MI)	--	--	--	--	--	--	--	--	--	--	--
Gladstone (MI)	--	181	--	--	--	--	--	1	--	--	1
Hoist (MI)	--	--	--	1,170	--	--	--	--	--	--	--
McClure (MI)	--	--	--	3,839	--	--	--	--	--	--	--
Portage (MI)	--	-18	--	--	--	--	--	--	--	--	7
Prickett (MI)	--	--	--	656	--	--	--	--	--	--	--
Victoria (MI)	--	--	--	6,732	--	--	--	--	--	--	--
Warden, John H (MI)	9,675	--	--	--	--	--	5	--	--	31	--
Utilicorp United, Inc	33,660	-77	-141	--	--	--	18	1	--	124	82
Green, Ralph (MO)	--	--	-84	--	--	--	--	--	--	--	--
Greenwood (MO)	--	-74	--	--	--	--	--	1	--	--	77
Kor (MO)	--	--	-57	--	--	--	--	--	--	--	--
Nevada (MO)	--	-3	--	--	--	--	--	--	--	--	5
Sibley (MO)	33,660	--	--	--	--	--	18	--	--	124	--
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, January 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	--	--	--	184,484	--	--	--	--	--	--	--
Alcova (WY)	--	--	--	3,817	--	--	--	--	--	--	--
Big Thompson (CO)	--	--	--	-18	--	--	--	--	--	--	--
Boysen (WY)	--	--	--	2,598	--	--	--	--	--	--	--
Buffalo Bill (WY)	--	--	--	-62	--	--	--	--	--	--	--
Canyon Ferry (MT)	--	--	--	27,841	--	--	--	--	--	--	--
Estes (CO)	--	--	--	11,808	--	--	--	--	--	--	--
Flatiron (CO)	--	--	--	23,613	--	--	--	--	--	--	--
Fremont Canyon (WY)	--	--	--	8,939	--	--	--	--	--	--	--
Glendo (WY)	--	--	--	-166	--	--	--	--	--	--	--
Green Mountain (CO)	--	--	--	1,808	--	--	--	--	--	--	--
Guernsey (WY)	--	--	--	-96	--	--	--	--	--	--	--
Heart Mtn (WY)	--	--	--	-55	--	--	--	--	--	--	--
Kortes (WY)	--	--	--	5,209	--	--	--	--	--	--	--
Marys Lake (CO)	--	--	--	4,793	--	--	--	--	--	--	--
Mount Elbert (CO)	--	--	--	16,596	--	--	--	--	--	--	--
Pilot Butte (WY)	--	--	--	-200	--	--	--	--	--	--	--
Pole Hill (CO)	--	--	--	11,535	--	--	--	--	--	--	--
Seminole (WY)	--	--	--	3,683	--	--	--	--	--	--	--
Shoshone (WY)	--	--	--	1,398	--	--	--	--	--	--	--
Yellowtail (MT)	--	--	--	61,443	--	--	--	--	--	--	--
USBR - Lower Colorado Reg	--	--	--	141,550	--	--	--	--	--	--	--
Davis (AZ)	--	--	--	17,084	--	--	--	--	--	--	--
Hoover (NV)	--	--	--	64,349	--	--	--	--	--	--	--
Hoover Dam (AZ)	--	--	--	55,792	--	--	--	--	--	--	--
Parker (CA)	--	--	--	4,325	--	--	--	--	--	--	--
USBR - Mid Pacific Region	--	--	--	109,661	--	--	--	--	--	--	--
Folsom (CA)	--	--	--	45,634	--	--	--	--	--	--	--
Jdgc F Carr (CA)	--	--	--	176	--	--	--	--	--	--	--
Koswick (CA)	--	--	--	12,770	--	--	--	--	--	--	--
Lewiston (CA)	--	--	--	203	--	--	--	--	--	--	--
New Melones (CA)	--	--	--	-123	--	--	--	--	--	--	--
Nimbus (CA)	--	--	--	3,954	--	--	--	--	--	--	--
Oneill (CA)	--	--	--	-15,114	--	--	--	--	--	--	--
Shasta (CA)	--	--	--	38,503	--	--	--	--	--	--	--
Spring Creek (CA)	--	--	--	18,868	--	--	--	--	--	--	--
Stampede (CA)	--	--	--	151	--	--	--	--	--	--	--
Trinity (CA)	--	--	--	4,639	--	--	--	--	--	--	--
USBR - Pacific Nw. Region	--	--	--	1,852,555	--	--	--	--	--	--	--
Anderson Ranch (ID)	--	--	--	-200	--	--	--	--	--	--	--
Black Canyon (ID)	--	--	--	4,832	--	--	--	--	--	--	--
Boise River Div (ID)	--	--	--	--	--	--	--	--	--	--	--
Chandler (WA)	--	--	--	2,746	--	--	--	--	--	--	--
Grand Coulee (WA)	--	--	--	1,711,592	--	--	--	--	--	--	--
Green Springs (OR)	--	--	--	3,287	--	--	--	--	--	--	--
Hungry Horse (MT)	--	--	--	119,532	--	--	--	--	--	--	--
Minidoka (ID)	--	--	--	1,492	--	--	--	--	--	--	--
Palisades (ID)	--	--	--	9,307	--	--	--	--	--	--	--
Roza (WA)	--	--	--	-33	--	--	--	--	--	--	--
USBR - Upper Colorado Reg	--	--	--	387,782	--	--	--	--	--	--	--
Blue Mesa (CO)	--	--	--	7,217	--	--	--	--	--	--	--
Crystal (CO)	--	--	--	3,165	--	--	--	--	--	--	--
Deer Creek (UT)	--	--	--	264	--	--	--	--	--	--	--
Elephant Butte (NM)	--	--	--	-95	--	--	--	--	--	--	--
Flaming Gorge (UT)	--	--	--	21,456	--	--	--	--	--	--	--
Fontenelle (WY)	--	--	--	1,789	--	--	--	--	--	--	--
Glen Canyon (AZ)	--	--	--	341,821	--	--	--	--	--	--	--
Lower Molina (CO)	--	--	--	1,224	--	--	--	--	--	--	--
Morrow Point (CO)	--	--	--	8,858	--	--	--	--	--	--	--
Upper Molina (CO)	--	--	--	2,083	--	--	--	--	--	--	--
USBR Rio Grande-Falcon Project	--	--	--	12,416	--	--	--	--	--	--	--
Amistad (TX)	--	--	--	948	--	--	--	--	--	--	--
Falcon (TX)	--	--	--	11,468	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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	--	--	--	45,958	--	--	--	--	--	--	--
Blakely Mountain (AR)	--	--	--	22,428	--	--	--	--	--	--	--
Degray (AR)	--	--	--	13,076	--	--	--	--	--	--	--
Narrows (AR)	--	--	--	10,454	--	--	--	--	--	--	--
USCE - Fort Worth District	--	--	--	4,555	--	--	--	--	--	--	--
R. D. Willis (TX)	--	--	--	2,258	--	--	--	--	--	--	--
Rayburn, Sam (TX)	--	--	--	-192	--	--	--	--	--	--	--
Whitney (TX)	--	--	--	2,489	--	--	--	--	--	--	--
USCE - Hartwell Power Plant	--	--	--	80,146	--	--	--	--	--	--	--
Hartwell Lake (GA)	--	--	--	80,146	--	--	--	--	--	--	--
USCE - J Strom Thur Power											
Plant	--	--	--	188,053	--	--	--	--	--	--	--
J Strom Thur (SC)	--	--	--	188,053	--	--	--	--	--	--	--
USCE - Kansas City Dist	--	--	--	87,437	--	4	--	--	--	--	--
Harry Truman (MO)	--	--	--	66,468	--	--	--	--	--	--	--
Stockton (MO)	--	--	--	20,969	--	--	--	--	--	--	--
Wilson (KS)	--	--	--	--	--	4	--	--	--	--	--
USCE - Little Rock	--	--	--	451,282	--	--	--	--	--	--	--
Beaver (AR)	--	--	--	21,616	--	--	--	--	--	--	--
Bull Shoals (AR)	--	--	--	141,316	--	--	--	--	--	--	--
Dardanelle (AR)	--	--	--	76,329	--	--	--	--	--	--	--
Greers Ferry Lake (AR)	--	--	--	34,254	--	--	--	--	--	--	--
Norfolk (AR)	--	--	--	33,797	--	--	--	--	--	--	--
Ozark (AR)	--	--	--	38,830	--	--	--	--	--	--	--
Table Rock (MO)	--	--	--	105,140	--	--	--	--	--	--	--
USCE - Mobile District	--	--	--	283,908	--	--	--	--	--	--	--
Allatoona (GA)	--	--	--	28,186	--	--	--	--	--	--	--
Buford (GA)	--	--	--	50,498	--	--	--	--	--	--	--
Carters (GA)	--	--	--	32,183	--	--	--	--	--	--	--
George, Walter F (GA)	--	--	--	83,948	--	--	--	--	--	--	--
Jones Bluff (AL)	--	--	--	19,461	--	--	--	--	--	--	--
Millers Ferry (AL)	--	--	--	20,467	--	--	--	--	--	--	--
West Point (GA)	--	--	--	33,031	--	--	--	--	--	--	--
Woodruff, J (FL)	--	--	--	16,134	--	--	--	--	--	--	--
USCE - Nashville	--	--	--	465,414	--	--	--	--	--	--	--
Barkley (KY)	--	--	--	81,795	--	--	--	--	--	--	--
Center Hill (TN)	--	--	--	76,140	--	--	--	--	--	--	--
Cheatham (TN)	--	--	--	23,221	--	--	--	--	--	--	--
Cordell Hull (TN)	--	--	--	49,408	--	--	--	--	--	--	--
Dale Hollow (TN)	--	--	--	14,375	--	--	--	--	--	--	--
Laurel (KY)	--	--	--	5,929	--	--	--	--	--	--	--
Old Hickory (TN)	--	--	--	78,519	--	--	--	--	--	--	--
Priest, J P (TN)	--	--	--	12,435	--	--	--	--	--	--	--
Wolf Creek (KY)	--	--	--	123,592	--	--	--	--	--	--	--
USCE - North Pacific Div	--	--	--	4,049,430	--	--	--	--	--	--	--
Albeni Falls (ID)	--	--	--	10,710	--	--	--	--	--	--	--
Big Cliff (OR)	--	--	--	5,492	--	--	--	--	--	--	--
Bonneville (OR)	--	--	--	441,467	--	--	--	--	--	--	--
Chief Joseph (WA)	--	--	--	961,048	--	--	--	--	--	--	--
Cougar (OR)	--	--	--	9,752	--	--	--	--	--	--	--
Dalles (WA)	--	--	--	622,630	--	--	--	--	--	--	--
Day, John (OR)	--	--	--	775,779	--	--	--	--	--	--	--
Detroit (OR)	--	--	--	16,457	--	--	--	--	--	--	--
Dexter (OR)	--	--	--	7,470	--	--	--	--	--	--	--
Dworshak (ID)	--	--	--	71,243	--	--	--	--	--	--	--
Foster (OR)	--	--	--	9,588	--	--	--	--	--	--	--
Green Peter (OR)	--	--	--	17,094	--	--	--	--	--	--	--
Hills Creek (OR)	--	--	--	12,125	--	--	--	--	--	--	--
Ice Harbor (WA)	--	--	--	116,432	--	--	--	--	--	--	--
Libby (MT)	--	--	--	91,733	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)	--	--	--	109,538	--	--	--	--	--	--	--
Lookout Point (OR)	--	--	--	20,142	--	--	--	--	--	--	--
Lost Creek (OR)	--	--	--	9,247	--	--	--	--	--	--	--
Lower Granite (WA)	--	--	--	111,211	--	--	--	--	--	--	--
Lower Monumental (WA)	--	--	--	115,693	--	--	--	--	--	--	--
McNary (OR)	--	--	--	514,579	--	--	--	--	--	--	--
USCE - Omaha District	--	--	--	568,818	--	--	--	--	--	--	--
Big Bend (SD)	--	--	--	64,071	--	--	--	--	--	--	--
Fort Peck (MT)	--	--	--	74,646	--	--	--	--	--	--	--
Fort Randall (SD)	--	--	--	72,482	--	--	--	--	--	--	--
Garrison (ND)	--	--	--	157,244	--	--	--	--	--	--	--
Gavins Point (NE)	--	--	--	37,803	--	--	--	--	--	--	--
Oahe (SD)	--	--	--	162,572	--	--	--	--	--	--	--
USCE - R B Russell Power Plant	--	--	--	87,885	--	--	--	--	--	--	--
R B Russell Proj (GA)	--	--	--	87,885	--	--	--	--	--	--	--
USCE - St Louis Dist	--	--	--	13,878	--	--	--	--	--	--	--
Clarence Canyon (MO)	--	--	--	13,878	--	--	--	--	--	--	--
USCE - St Marys Falls	--	--	--	13,540	--	--	--	--	--	--	--
Saint Marys Falls (MI)	--	--	--	13,540	--	--	--	--	--	--	--
USCE - Tulsa District	--	--	--	419,431	--	--	--	--	--	--	--
Broken Bow (OK)	--	--	--	39,616	--	--	--	--	--	--	--
Denison (TX)	--	--	--	59,347	--	--	--	--	--	--	--
Eufaula (OK)	--	--	--	62,019	--	--	--	--	--	--	--
Fort Gibson (OK)	--	--	--	37,065	--	--	--	--	--	--	--
Kerr, Robert S (OK)	--	--	--	89,469	--	--	--	--	--	--	--
Keystone (OK)	--	--	--	57,538	--	--	--	--	--	--	--
Tenkiller Ferry (OK)	--	--	--	31,404	--	--	--	--	--	--	--
Webbers Falls (OK)	--	--	--	42,973	--	--	--	--	--	--	--
USCE - Wilmington	--	--	--	82,269	--	--	--	--	--	--	--
Kerr, John H (VA)	--	--	--	78,017	--	--	--	--	--	--	--
Philpott Lake (VA)	--	--	--	4,252	--	--	--	--	--	--	--
Valley City Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Valley City (ND)	--	--	--	--	--	--	--	--	--	--	--
Vandalia Municipal Utilities	--	6	--	--	--	--	--	*	--	--	11
Vandalia (MO)	--	6	--	--	--	--	--	*	--	--	11
Vermillion City Of	--	--	--	--	--	--	--	--	--	--	--
Vermillion (SD)	--	--	--	--	--	--	--	--	--	--	--
Vermont Electric Cooperative	--	--	--	1,022	--	--	--	--	--	--	--
N Hartland (VT)	--	--	--	1,022	--	--	--	--	--	--	--
Vermont Marble Company	--	73	--	5,405	--	--	--	*	--	--	12
Beldens (VT)	--	--	--	2,059	--	--	--	--	--	--	--
Center Rutland (VT)	--	--	--	121	--	--	--	--	--	--	--
Florence (VT)	--	73	--	--	--	--	--	*	--	--	12
Proctor (VT)	--	--	--	3,225	--	--	--	--	--	--	--
Vermont Yankee Nuclear Power Co	--	--	--	--	384,518	--	--	--	--	--	--
Vt. Yankee (VT)	--	--	--	--	384,518	--	--	--	--	--	--
Vero Beach Mun Pwr System	--	612	16,161	--	--	--	--	1	198	--	68
Municipal Plant (FL)	--	612	16,161	--	--	--	--	1	198	--	68
Villisca Mun Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Villisca (IA)	--	--	--	--	--	--	--	--	--	--	--
Vineland Electric Utility	--	7,114	--	--	--	--	--	19	--	7	23

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Vineland Electric Utility											
Down, Howard (NJ)	--	6,966	--	--	--	--	--	19	--	7	15
West (NJ)	--	148	--	--	--	--	--	*	--	--	7
Vinton Municipal Lt Plant	--	7	10	--	--	--	--	*	*	--	*
Vinton (IA)	--	7	10	--	--	--	--	*	*	--	*
Viola Municipal Elec Utility	--	--	--	--	--	--	--	--	--	--	--
Viola (WI)	--	--	--	--	--	--	--	--	--	--	--
Virginia Electric & Power Co	2,656,928	17,807	204,228	70,120	1,802,199	--	1,018	29	1,861	2,139	2,877
* Central Storage *	--	--	--	--	--	--	--	--	--	--	1,529
Bath County (VA)	--	--	--	-53,499	--	--	--	--	--	--	--
Bremo Bluff (VA)	114,185	344	--	--	--	--	45	1	--	168	4
Chesapeake (VA)	318,578	1,648	20	--	--	--	121	3	*	253	34
Chesterfield (VA)	759,728	1,761	204,167	--	--	--	280	3	1,861	532	125
Cushaw (VA)	--	--	--	3,145	--	--	--	--	--	--	--
Darbytown (VA)	--	263	--	--	--	--	--	1	--	--	95
Gaston (NC)	--	--	--	59,483	--	--	--	--	--	--	--
Gravel Neck (VA)	--	289	--	--	--	--	--	1	*	--	130
Kitty Hawk (NC)	--	--	--	--	--	--	--	--	--	--	22
Low Moor (VA)	--	2	--	--	--	--	--	*	--	--	25
Mt Storm (WV)	1,081,706	1,083	--	--	--	--	424	2	--	873	42
North Anna (VA)	--	--	--	651	699,318	--	--	--	--	--	--
Northern Neck (VA)	--	20	--	--	--	--	--	*	--	--	22
Possum Point (VA)	186,631	12,075	--	--	--	--	75	19	--	194	706
Roanoke Rapids (NC)	--	--	--	60,340	--	--	--	--	--	--	--
Surry (VA)	--	--	--	--	1,102,881	--	--	--	--	--	--
Yorktown (VA)	196,100	322	41	--	--	--	74	1	*	119	143
Virginia Pub Utils Comm	6,061	--	173	--	--	--	4	--	2	--	--
Virginia (MN)	6,061	--	173	--	--	--	4	--	2	--	--
Wahoo Municipal Light Plant	--	-55	--	--	--	--	--	*	*	--	*
Wahoo (NE)	--	-55	--	--	--	--	--	*	*	--	*
Wallingford City Of	--	--	--	--	--	--	--	--	--	--	4
Pierce (CT)	--	--	--	--	--	--	--	--	--	--	4
Wamego City Of	--	--	--	--	--	--	--	*	*	--	1
Wamego (KS)	--	--	--	--	--	--	--	*	*	--	1
Warren City Of	--	--	--	--	--	--	--	--	--	--	--
Warren (MN)	--	--	--	--	--	--	--	--	--	--	--
Washington City Of	--	--	--	--	--	--	--	--	--	--	--
Washington (KS)	--	--	--	--	--	--	--	--	--	--	--
Washington Electric Cooperative	--	--	--	200	--	--	--	--	--	--	--
Wrightsville (VT)	--	--	--	200	--	--	--	--	--	--	--
Washington Island Elec Coop	--	--	--	--	--	--	--	--	--	--	1
Washington Island (WI)	--	--	--	--	--	--	--	--	--	--	1
Washington Public Power Supply											
Sys	--	--	--	1,940	534,965	--	--	--	--	--	--
Packwood (WA)	--	--	--	1,940	--	--	--	--	--	--	--
WNP-2 (WA)	--	--	--	--	534,965	--	--	--	--	--	--
Washington Wtr Pwr Co, The	--	--	4,919	275,675	--	34,788	--	--	62	--	--
Cabinet Gorge (ID)	--	--	--	79,370	--	--	--	--	--	--	--
Kettle Fls (WA)	--	--	--	--	--	34,788	--	--	*	--	--
Little Falls (WA)	--	--	--	15,257	--	--	--	--	--	--	--
Long Lake (WA)	--	--	--	33,637	--	--	--	--	--	--	--
Meyers Falls (WA)	--	--	--	385	--	--	--	--	--	--	--
Monroe Street (WA)	--	--	--	7,563	--	--	--	--	--	--	--
Nine Mile (WA)	--	--	--	7,073	--	--	--	--	--	--	--
Northeast (WA)	--	--	4,919	--	--	--	--	--	62	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Washington Wtr Pwr Co, The											
Noxon Rapids (MT)	--	--	--	122,071	--	--	--	--	--	--	--
Post Falls (ID)	--	--	--	3,676	--	--	--	--	--	--	--
Upper Falls (WA)	--	--	--	6,643	--	--	--	--	--	--	--
Waterloo City Light & Power	--	58	8	--	--	--	--	*	*	--	*
Waterloo (IL)	--	58	8	--	--	--	--	*	*	--	*
Watertown City Of	--	--	--	2,081	--	--	--	--	--	--	--
Watertown (NY)	--	--	--	2,081	--	--	--	--	--	--	--
Wauchula City Of	--	--	--	--	--	--	--	--	--	--	2
Wauchula (FL)	--	--	--	--	--	--	--	--	--	--	2
Waverly City Of	--	--	--	103	--	--	--	--	--	--	*
East Hydro (IA)	--	--	--	103	--	--	--	--	--	--	--
East Plant (IA)	--	--	--	--	--	--	--	--	--	--	--
North Plant (IA)	--	--	--	--	--	--	--	--	--	--	*
Wayne City Of	--	22	--	--	--	--	--	*	--	--	1
Wayne (NE)	--	22	--	--	--	--	--	*	--	--	1
Weatherford City Of	--	--	--	--	--	--	--	--	--	--	--
Weatherford (TX)	--	--	--	--	--	--	--	--	--	--	--
Weber Basin Water Conservancy Dist	--	--	--	--	--	--	--	--	--	--	--
Gateway (UT)	--	--	--	--	--	--	--	--	--	--	--
Wanship (UT)	--	--	--	--	--	--	--	--	--	--	--
Webster City Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Webster City (IA)	--	--	--	--	--	--	--	--	--	--	--
Wellington City Of	--	--	113	--	--	--	--	--	2	--	3
Wellington (KS)	--	--	--	--	--	--	--	--	--	--	2
Wellington (KS)	--	--	113	--	--	--	--	--	2	--	1
Wells Electric Association	--	--	--	--	--	--	--	--	--	--	*
Wells (MN)	--	--	--	--	--	--	--	--	--	--	*
West Bend Mun Power Plant	--	8	12	--	--	--	--	*	*	--	*
West Bend (IA)	--	8	12	--	--	--	--	*	*	--	*
West Liberty Municipal Elec Util ..	--	8	--	--	--	--	--	*	--	--	1
West Liberty (IA)	--	8	--	--	--	--	--	*	--	--	1
West Penn Power Co (APS)	1,266,841	516	431	13,329	--	--	488	1	4	1,171	73
Armstrong (PA)	192,124	287	--	--	--	--	79	*	--	171	*
Hatfields Ferry (PA)	967,082	229	--	--	--	--	364	*	--	895	4
Lake Lynn (WV)	--	--	--	13,329	--	--	--	--	--	--	--
Mitchell (PA)	107,635	--	431	--	--	--	45	--	4	105	68
Springdale (PA)	--	--	--	--	--	--	--	--	--	--	--
West Point Light & Water Works ..	--	4	25	--	--	--	--	*	*	--	*
West Point (NE)	--	4	25	--	--	--	--	*	*	--	*
West Texas Utilities Co (CSW)	432,920	23	243,527	--	--	--	267	*	2,593	484	293
Abilene (TX)	--	--	--	--	--	--	--	--	*	--	4
Fort Phantom (TX)	--	--	113,200	--	--	--	--	--	1,199	--	101
Ft Stockton (TX)	--	--	--	--	--	--	--	--	--	--	--
Lake Pauline (TX)	--	--	--	--	--	--	--	--	*	--	18
Oak Creek (TX)	--	--	27,897	--	--	--	--	--	287	--	28
Oklaunion (TX)	432,920	23	--	--	--	--	267	*	--	484	8
Paint Creek (TX)	--	--	--	--	--	--	--	--	2	--	80
Presidio (TX)	--	--	--	--	--	--	--	--	*	--	1
Rio Pecos (TX)	--	--	53,098	--	--	--	--	--	682	--	24
San Angelo (TX)	--	--	49,332	--	--	--	--	--	423	--	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, January 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	199,961	156	109,840	--	--	--	128	*	974	313	35
Anadarko (OK)	--	--	109,840	--	--	--	--	--	974	--	34
Hugo (OK)	199,961	156	--	--	--	--	128	*	--	313	1
Mooreland (OK)	--	--	--	--	--	--	--	--	--	--	--
Western Mass Electric Co (NU) ...	--	1,200	184	-1,743	--	--	--	4	4	--	175
Cabot (MA)	--	--	--	29,020	--	--	--	--	--	--	--
Cobble Mountain (MA)	--	--	--	5,091	--	--	--	--	--	--	--
Doreen (MA)	--	-16	--	--	--	--	--	--	--	--	1
Dwight (MA)	--	--	--	310	--	--	--	--	--	--	--
Gardners Falls (MA)	--	--	--	1,674	--	--	--	--	--	--	--
Indian Orchard (MA)	--	--	--	1,848	--	--	--	--	--	--	--
Northfield Mountain (MA)	--	--	--	-45,776	--	--	--	--	--	--	--
Putts Bridge (MA)	--	--	--	2,473	--	--	--	--	--	--	--
Red Bridge (MA)	--	--	--	2,706	--	--	--	--	--	--	--
Silver Lake (MA)	--	--	--	--	--	--	--	--	--	--	--
Turners Falls (MA)	--	--	--	911	--	--	--	--	--	--	--
West Springfield (MA)	--	1,224	184	--	--	--	--	4	4	--	173
Woodland Road (MA)	--	-8	--	--	--	--	--	*	--	--	1
Western Resources, Inc	1,108,396	37	2,569	--	--	--	730	*	41	1,483	171
Abilene (KS)	--	-6	-8	--	--	--	--	*	1	--	16
Hutchinson (KS)	--	--	-656	--	--	--	--	--	3	--	102
Jeffrey (KS)	908,484	43	--	--	--	--	624	*	--	901	44
Lawrence (KS)	148,488	--	1,364	--	--	--	77	--	15	419	3
Neosho (KS)	--	--	--	--	--	--	--	--	--	--	--
Tecumseh (KS)	51,424	--	1,869	--	--	--	29	--	22	163	7
WestPlains Energy	26,052	124	5,318	--	--	--	15	*	160	5	83
Cimarron River (KS)	--	--	-841	--	--	--	--	--	20	--	--
Clark, W N (CO)	26,052	--	--	--	--	--	15	--	--	5	--
Clifton (KS)	--	--	-1	--	--	--	--	--	--	--	6
Judson Large (KS)	--	--	-455	--	--	--	--	--	--	--	43
Mullergren, Arthur (KS)	--	--	-239	--	--	--	--	--	1	--	22
Pueblo (CO)	--	38	6,076	--	--	--	--	*	119	--	6
Rocky Ford (CO)	--	86	778	--	--	--	--	*	20	--	7
Whitesboro Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Whitesboro (TX)	--	--	--	--	--	--	--	--	--	--	--
Whittemore Mun Lt & Pwr Co	--	--	--	--	--	--	--	--	--	--	--
Whittemore (IA)	--	--	--	--	--	--	--	--	--	--	--
Wilber City Of	--	--	--	--	--	--	--	--	--	--	--
Wilber (NE)	--	--	--	--	--	--	--	--	--	--	--
Willmar Municipal Util Comm	3,198	--	1	--	--	--	4	--	*	8	--
Willmar (MN)	3,198	--	1	--	--	--	4	--	*	8	--
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	--	10	263	--	--	--	--	*	5	*	2
Winnetka (IL)	--	10	263	--	--	--	--	*	5	*	2
Winterset City Of	--	2	--	--	--	--	--	*	--	--	1
Winterset (IA)	--	2	--	--	--	--	--	*	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 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)
Wisconsin Electric Power Co	1,359,306	1,136	7,254	41,752	733,776	--	769	3	73	1,891	43
* Central Storage *	--	--	--	--	--	--	--	--	--	--	7
Appleton (WI)	--	--	--	1,275	--	--	--	--	--	--	--
Big Quinnesec 61 (MI)	--	--	--	--	--	--	--	--	--	--	--
Big Quinnesec 92 (MI)	--	--	--	10,543	--	--	--	--	--	--	--
Brule (MI)	--	--	--	766	--	--	--	--	--	--	--
Chalk Hill (MI)	--	--	--	3,158	--	--	--	--	--	--	--
Germantown (WI)	--	220	--	--	--	--	--	1	--	--	12
Hemlock Falls (MI)	--	--	--	1,803	--	--	--	--	--	--	--
Kingsford (MI)	--	--	--	2,891	--	--	--	--	--	--	--
Lower Paint (MI)	--	--	--	69	--	--	--	--	--	--	--
Michigamme Falls (MI)	--	--	--	4,348	--	--	--	--	--	--	--
Oconto Falls (WI)	--	--	--	635	--	--	--	--	--	--	--
Peavy Falls (MI)	--	--	--	7,345	--	--	--	--	--	--	--
Pine (WI)	--	--	--	1,044	--	--	--	--	--	--	--
Pleasant Prairie (WI)	695,703	35	1,969	--	--	--	451	*	21	841	7
Point Beach (WI)	--	188	--	--	733,776	--	--	1	--	--	3
Port Washington (WI)	23,829	23	--	--	--	--	13	*	--	92	3
Presque Isle (MI)	225,730	655	--	--	--	--	130	1	--	532	4
South Oak Creek (WI)	334,594	--	5,053	--	--	--	133	*	49	353	6
Sturgeon (MI)	--	--	--	433	--	--	--	--	--	--	--
Twin Falls (MI)	--	--	--	3,528	--	--	--	--	--	--	--
Valley (WI)	79,450	15	232	--	--	--	42	*	3	74	*
Way (MI)	--	--	--	724	--	--	--	--	--	--	--
Weyauwega (WI)	--	--	--	17	--	--	--	--	--	--	--
White Rapids (MI)	--	--	--	3,173	--	--	--	--	--	--	--
Wisconsin Power & Light Co	1,063,980	892	183	23,124	--	1,980	615	2	4	1,004	15
Blackhawk (WI)	--	--	--	301	--	--	--	--	--	--	--
Columbia (WI)	547,003	328	--	--	--	--	332	1	--	553	6
Dewey, Nelson (WI)	82,708	100	--	--	--	828	44	*	--	163	*
Edgewater (WI)	405,811	244	--	--	--	--	223	*	--	246	2
Janesville (WI)	--	--	--	294	--	--	--	--	--	--	--
Kilbourn (WI)	--	--	--	7,116	--	--	--	--	--	--	--
Portable (WI)	--	--	--	--	--	--	--	--	--	--	*
Prairie Du Sac (WI)	--	--	--	14,971	--	--	--	--	--	--	--
Rock River (WI)	28,458	220	183	--	--	1,152	15	*	2	43	3
Shawano (WI)	--	--	--	442	--	--	--	--	--	--	--
Sheepskin (WI)	--	--	--	--	--	--	--	*	2	--	4
Wisconsin Public Service Corp	330,138	259	2,304	26,355	361,263	--	198	1	29	214	32
Alexander (WI)	--	--	--	2,208	--	--	--	--	--	--	--
Caldron Falls (WI)	--	--	--	1,046	--	--	--	--	--	--	--
Eagle River (WI)	--	8	--	--	--	--	--	*	--	--	1
Grand Rapids (MI)	--	--	--	3,849	--	--	--	--	--	--	--
Grandfather Falls (WI)	--	--	--	9,953	--	--	--	--	--	--	--
Hat Rapids (WI)	--	--	--	853	--	--	--	--	--	--	--
High Falls (WI)	--	--	--	992	--	--	--	--	--	--	--
Jersey (WI)	--	--	--	340	--	--	--	--	--	--	--
Johnson Falls (WI)	--	--	--	652	--	--	--	--	--	--	--
Kewaunee (WI)	--	--	--	--	--	--	--	--	--	--	--
Kewaunee (WI)	--	--	--	--	361,263	--	--	--	--	--	--
Merrill (WI)	--	--	--	479	--	--	--	--	--	--	--
Otter Rapids (WI)	--	--	--	266	--	--	--	--	--	--	--
Peshtigo (WI)	--	--	--	332	--	--	--	--	--	--	--
Potato Rapids (WI)	--	--	--	463	--	--	--	--	--	--	--
Pulliam (WI)	108,499	--	1,749	--	--	--	58	--	22	102	1
Sandstone Rapids (WI)	--	--	--	775	--	--	--	--	--	--	--
Tomahawk (WI)	--	--	--	1,238	--	--	--	--	--	--	--
Wausau (WI)	--	--	--	2,909	--	--	--	--	--	--	--
West Marinette (WI)	--	1	24	--	--	--	--	*	1	--	11
Weston (WI)	221,639	250	531	--	--	--	140	*	6	111	19
Wisconsin River Power Company	--	--	--	22,464	--	--	--	--	--	--	--
Castle Rock (WI)	--	--	--	11,164	--	--	--	--	--	--	--
Petenwell (WI)	--	--	--	11,300	--	--	--	--	--	--	--
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, January 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	--	--	--	--	853,725	--	--	--	--	--	--
Wolf Creek (KS)	--	--	--	--	853,725	--	--	--	--	--	--
Wolverine Power Corporation	--	--	--	4,085	--	--	--	--	--	--	--
Edenville (MI)	--	--	--	2,067	--	--	--	--	--	--	--
Sanford (MI)	--	--	--	1,185	--	--	--	--	--	--	--
Secord (MI)	--	--	--	482	--	--	--	--	--	--	--
Smallwood (MI)	--	--	--	351	--	--	--	--	--	--	--
Wolverine Power Supply Corp	18,175	321	351	622	--	--	9	1	6	34	9
Advance (MI)	18,175	221	--	--	--	--	9	*	--	34	*
Beaver Island (MI)	--	-6	--	--	--	--	--	--	--	--	2
Johnson, George (MI)	--	9	225	--	--	--	--	*	4	--	1
Kleber (MI)	--	--	--	468	--	--	--	--	--	--	--
Scottville (MI)	--	6	--	--	--	--	--	*	--	--	*
Tower (MI)	--	-10	--	--	--	--	--	*	--	--	4
Tower Hydro (MI)	--	--	--	154	--	--	--	--	--	--	--
Vandyke, Claude (MI)	--	19	126	--	--	--	--	*	1	--	*
Vestaburg (MI)	--	68	--	--	--	--	--	*	--	--	1
Winder, C A (MI)	--	14	--	--	--	--	--	*	--	--	*
Woodsfield Elec Light Plant	--	--	--	--	--	--	--	--	--	--	--
Anadarko (OH)	--	--	--	--	--	--	--	--	--	--	--
Wrangell Light Plant	--	38	--	--	--	--	--	*	--	--	*
Wrangell (AK)	--	38	--	--	--	--	--	*	--	--	*
Wyandotte Dept Of Mun Service	12,617	--	6,844	--	--	--	7	--	97	25	--
Wyandotte (MI)	12,617	--	6,844	--	--	--	7	--	97	25	--
Yadkin, Inc	--	--	--	132,632	--	--	--	--	--	--	--
Falls (NC)	--	--	--	21,209	--	--	--	--	--	--	--
High Rock (NC)	--	--	--	23,268	--	--	--	--	--	--	--
Narrows (NC)	--	--	--	63,536	--	--	--	--	--	--	--
Tuckertown (NC)	--	--	--	24,619	--	--	--	--	--	--	--
Yakutat Power Inc	--	542	--	--	--	--	--	1	--	--	*
Yakutat (AK)	--	542	--	--	--	--	--	1	--	--	*
Yazoo City Public Service Comm	--	--	--	--	--	--	--	--	--	--	--
Yazoo (MS)	--	--	--	--	--	--	--	--	--	--	--
Yuba County Water Agency	--	--	--	102,086	--	--	--	--	--	--	--
Fish Power (CA)	--	--	--	112	--	--	--	--	--	--	--
New Colgate (CA)	--	--	--	71,283	--	--	--	--	--	--	--
New Narrows (CA)	--	--	--	30,691	--	--	--	--	--	--	--
Yuma City Of	--	--	--	--	--	--	--	--	--	--	--
Yuma (CO)	--	--	--	--	--	--	--	--	--	--	--
Zeeland Board Of Public Works	--	77	976	--	--	--	--	*	11	--	*
Zeeland (MI)	--	77	976	--	--	--	--	*	11	--	*
U. S. Total	138,357,046	7,225,980	15,810,699	24,474,050	59,076,169	852,963	69,490	11,815	164,400	150,371	69,736

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, January 1993

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	(\$ per Mcf)			
Alabama Electric Coop Inc	19	197.0	46.43	1.09	1	443.9	24.33	0.10	--	--	--	99	1	--
Lowman (AL)	19	197.0	46.43	1.09	1	443.9	24.33	.10	--	--	--	99	1	--
Alabama Power Co	1,583	199.7	48.01	1.17	3	404.5	23.68	.00	230	253.0	2.59	99	*	1
Barry (AL)	66	227.8	55.29	.91	--	--	--	--	29	226.0	2.41	98	--	2
Gadsden (AL)	10	184.6	45.68	1.72	--	--	--	--	--	--	--	100	--	--
Gaston (AL)	354	174.7	41.77	1.42	2	403.4	23.62	.00	--	--	--	100	*	--
Gorgas 2 and 3 (AL)	646	185.6	44.00	1.36	*	410.2	24.00	.00	--	--	--	100	*	--
Greene (AL)	105	138.9	33.57	1.43	--	--	--	--	--	--	--	100	--	--
James Miller (AL)	402	254.2	62.59	.59	--	--	--	--	200	257.2	2.62	98	--	2
American Municipal Power	74	96.9	21.92	4.77	--	--	--	--	8	370.2	3.85	99	--	1
Gorsuch (OH)	74	96.9	21.92	4.77	--	--	--	--	8	370.2	3.85	99	--	1
Ames City of	14	135.6	23.82	.20	--	--	--	--	--	--	--	100	--	--
Ames (IA)	14	135.6	23.82	.20	--	--	--	--	--	--	--	100	--	--
Anchorage City of	--	--	--	--	--	--	--	--	712	234.8	2.35	--	--	100
George Sullivan (AK)	--	--	--	--	--	--	--	--	712	234.8	2.35	--	--	100
Appalachian Power Co	750	175.3	43.82	.75	3	600.3	35.24	.00	--	--	--	100	*	--
Amos (WV)	393	196.4	48.70	.76	1	830.0	48.89	.00	--	--	--	100	*	--
Clinch River (VA)	103	127.5	32.23	.69	1	447.2	26.36	.00	--	--	--	100	*	--
Glen Lyn (VA)	77	140.2	36.29	.87	1	492.8	28.72	.00	--	--	--	100	*	--
Kanawha River (WV)	35	175.6	44.19	.79	--	--	--	--	--	--	--	100	--	--
Mountaineer (WV)	142	171.9	42.74	.66	*	651.4	37.72	.00	--	--	--	100	*	--
Arizona Electric Pwr Coop Inc	114	125.6	25.20	.41	--	--	--	--	40	223.7	2.30	98	--	2
Apache (AZ)	114	125.6	25.20	.41	--	--	--	--	40	223.7	2.30	98	--	2
Arizona Public Service Co	878	109.1	19.87	.69	2	496.6	28.68	.24	366	293.2	3.00	98	*	2
Cholla (AZ)	299	99.2	19.39	.42	2	496.6	28.68	.24	4	348.5	3.58	100	*	*
Four Corners (NM)	579	114.8	20.12	.83	--	--	--	--	32	361.0	3.67	100	--	*
Ocotillo (AZ)	--	--	--	--	--	--	--	--	2	285.0	2.95	--	--	100
Phoenix (AZ)	--	--	--	--	--	--	--	--	328	286.0	2.93	--	--	100
Arkansas Power & Light Co	770	169.0	29.62	.31	6	484.0	27.80	.30	320	149.3	1.64	97	*	3
Couch (AR)	--	--	--	--	--	--	--	--	320	149.3	1.64	--	--	100
Independence (AR)	374	166.6	29.45	.21	6	484.9	27.85	.30	--	--	--	99	1	--
Whitebluff (AR)	397	171.4	29.77	.40	*	472.5	27.13	.30	--	--	--	100	*	--
Associated Electric Coop Inc	437	154.2	33.15	3.32	--	--	--	--	--	--	--	100	--	--
Hill (MO)	138	225.4	48.21	4.17	--	--	--	--	--	--	--	100	--	--
Madrid (MO)	299	121.6	26.21	2.93	--	--	--	--	--	--	--	100	--	--
Atlantic City Electric Co	91	165.7	43.11	2.27	1	445.1	25.68	.11	*	220.8	2.29	100	*	*
Deepwater (NJ)	5	185.8	47.27	.73	*	435.9	24.84	.10	*	220.8	2.29	99	1	*
England (NJ)	86	164.6	42.86	2.36	*	449.5	26.09	.11	--	--	--	100	*	--
Austin City of	--	--	--	--	--	--	--	--	1,171	232.0	2.38	--	--	100
Decker Creek (TX)	--	--	--	--	--	--	--	--	1,090	232.0	2.38	--	--	100
Holly (TX)	--	--	--	--	--	--	--	--	81	232.2	2.38	--	--	100
Baltimore Gas & Electric Co	244	149.0	38.37	1.03	6	401.5	23.36	.18	152	299.2	3.09	97	1	2
Brandon Shores (MD)	132	150.2	37.87	.69	5	402.4	23.41	.18	--	--	--	99	1	--
Crane (MD)	59	138.5	37.04	1.96	1	397.2	23.11	.18	--	--	--	100	*	--
Riverside (MD)	--	--	--	--	--	--	--	--	37	291.9	3.02	--	--	100
Wagner (MD)	53	158.2	41.12	.86	--	--	--	--	115	301.5	3.11	92	--	8
Basin Electric Power Coop	1,361	69.1	9.99	.55	5	423.0	24.50	.34	--	--	--	100	*	--
Antelope Valley (ND)	524	72.5	9.61	.65	3	427.6	24.76	.34	--	--	--	100	*	--
Laramie River (WY)	567	56.3	9.23	.37	1	405.2	23.47	.34	--	--	--	100	*	--
Leland Olds (ND)	270	96.6	12.35	.71	1	434.2	25.14	.34	--	--	--	100	*	--
Big Rivers Electric Corp	355	126.0	28.39	3.12	*	310.1	17.97	.00	6	334.0	3.34	100	*	*

See notes and footnotes at end of table.

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

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbls)	(Cents per 10 ⁶ Btu)			(1,000 Mcf)	(Cents per 10 ⁶ Btu)			
Big Rivers Electric Corp														
Coleman (KY)	79	92.9	20.82	2.43	--	--	--	--	6	334.0	3.34	100	--	*
R D Green (KY)	116	133.7	28.12	3.68	--	--	--	--	--	--	--	100	--	--
Reid-Henderson (KY)	50	122.3	30.19	2.64	*	310.1	17.97	0.00	--	--	--	100	*	--
Wilson (KY)	110	143.7	33.31	3.25	--	--	--	--	--	--	--	100	--	--
Boston Edison Co	--	--	--	--	585	232.3	14.78	.74	25	630.3	6.74	--	99	1
Mystic (MA)	--	--	--	--	315	229.3	14.61	.96	18	629.9	6.85	--	99	1
New Boston (MA)	--	--	--	--	271	235.7	14.98	.49	8	631.1	6.51	--	100	*
Brazos Electric Power Coop Inc	--	--	--	--	--	--	--	--	1,546	202.5	2.04	--	--	100
Miller (TX)	--	--	--	--	--	--	--	--	1,504	202.4	2.04	--	--	100
North Texas (TX)	--	--	--	--	--	--	--	--	42	207.9	2.21	--	--	100
Bryan City of	--	--	--	--	--	--	--	--	453	195.8	2.07	--	--	100
Bryan (TX)	--	--	--	--	--	--	--	--	94	193.7	1.99	--	--	100
Dansby (TX)	--	--	--	--	--	--	--	--	358	196.4	2.09	--	--	100
Burbank City of	--	--	--	--	--	--	--	--	146	366.2	3.78	--	--	100
Magnolia-Olive (CA)	--	--	--	--	--	--	--	--	146	366.2	3.78	--	--	100
Burlington City of	--	--	--	--	--	--	--	--	1	333.6	3.30	--	--	100
J C McNeil (VT)	--	--	--	--	--	--	--	--	1	333.6	3.30	--	--	100
Cajun Electric Power Coop Inc	426	147.5	24.62	.46	3	394.4	23.19	.00	--	--	--	100	*	--
Big Cajun No.2 (LA)	426	147.5	24.62	.46	3	394.4	23.19	.00	--	--	--	100	*	--
Cambridge Electric Light Co	--	--	--	--	11	271.8	17.29	.45	62	263.6	2.64	--	53	47
Kendall Square (MA)	--	--	--	--	11	271.8	17.29	.45	62	263.6	2.64	--	53	47
Canal Electric Co	--	--	--	--	472	211.3	13.51	1.63	--	--	--	--	100	--
Canal (MA)	--	--	--	--	472	211.3	13.51	1.63	--	--	--	--	100	--
Cardinal Operating Co	379	146.1	35.08	1.84	12	384.1	22.39	.00	--	--	--	99	1	--
Cardinal (OH)	379	146.1	35.08	1.84	12	384.1	22.39	.00	--	--	--	99	1	--
Carolina Power & Light Co	968	164.3	40.95	.90	8	429.0	24.87	.20	--	--	--	100	*	--
Asheville (NC)	83	131.9	34.62	1.15	*	415.8	24.10	.20	--	--	--	100	*	--
Cape Fear (NC)	53	176.8	44.93	.96	--	--	--	--	--	--	--	100	--	--
Lee (NC)	84	168.7	42.39	.95	--	--	--	--	--	--	--	100	--	--
Mayo (NC)	157	160.9	39.41	.67	3	432.1	25.04	.20	--	--	--	100	*	--
Robinson (SC)	8	155.6	38.78	.95	*	454.7	26.35	.20	--	--	--	99	1	--
Roxboro (NC)	505	170.6	42.25	.92	5	426.9	24.74	.20	--	--	--	100	*	--
Sutton (NC)	64	153.8	38.44	.91	--	--	--	--	--	--	--	100	--	--
Weatherspoon (NC)	15	155.1	37.84	.90	--	--	--	--	--	--	--	100	--	--
Cedar Falls City of	--	--	--	--	--	--	--	--	*	445.5	4.45	--	--	100
Streeter (IA)	--	--	--	--	--	--	--	--	*	445.5	4.45	--	--	100
Centel Corp	--	--	--	--	--	--	--	--	26	309.5	3.67	--	--	100
Cimarron River (KS)	--	--	--	--	--	--	--	--	21	300.3	3.70	--	--	100
Large (KS)	--	--	--	--	--	--	--	--	4	364.4	3.71	--	--	100
Mullergren (KS)	--	--	--	--	--	--	--	--	1	331.0	3.25	--	--	100
Central Electric Pwr Coop-MO	5	128.6	28.04	2.93	--	--	--	--	--	--	--	100	--	--
Chamais (MO)	5	128.6	28.04	2.93	--	--	--	--	--	--	--	100	--	--
Central Hudson Gas & Elec Corp	91	187.0	49.07	.61	540	229.4	14.58	1.05	48	389.1	3.98	41	58	1
Danskammer (NY)	91	187.0	49.07	.61	--	--	--	--	17	547.6	5.60	99	--	1
Roseton (NY)	--	--	--	--	540	229.4	14.58	1.05	30	296.8	3.04	--	99	1
Central Illinois Light Co	195	185.9	43.77	2.28	2	423.4	24.75	.20	--	--	--	100	*	--
Duck Creek (IL)	105	202.4	43.40	3.43	*	424.7	24.57	.27	--	--	--	100	*	--
Edwards (IL)	90	170.1	44.21	.95	2	423.3	24.77	.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, January 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)			
Central Illinois Pub Serv Co	270	164.5	36.28	2.90	15	422.9	24.43	0.25	--	--	--	99	1	--
Coffeen (IL)	144	160.4	33.86	3.02	1	429.2	24.48	.13	--	--	--	100	*	--
Grand Tower (IL)	17	180.0	41.59	2.79	*	429.1	25.19	.26	--	--	--	99	1	--
Hutsonville (IL)	18	130.9	29.14	2.30	--	--	--	--	--	--	--	100	--	--
Meredosia (IL)	28	152.9	36.19	3.06	1	434.4	25.13	.15	--	--	--	99	1	--
Newton (IL)	64	183.0	42.39	2.76	13	421.6	24.36	.26	--	--	--	95	5	--
Central Iowa Power Coop	--	--	--	--	--	--	--	--	1	386.2	3.90	--	--	100
Fair Station (IA)	--	--	--	--	--	--	--	--	1	386.2	3.90	--	--	100
Central Louisiana Elec Co Inc	482	167.4	25.65	.53	--	--	--	--	1,095	230.2	2.38	87	--	13
Coughlin (LA)	--	--	--	--	--	--	--	--	26	231.8	2.44	--	--	100
Dolet Hills (LA)	295	138.3	19.39	.58	--	--	--	--	4	231.8	2.37	100	--	*
Rodemacher (LA)	187	204.6	35.51	.45	--	--	--	--	3	228.7	2.29	100	--	*
Teche (LA)	--	--	--	--	--	--	--	--	1,062	230.2	2.38	--	--	100
Central Maine Power Co	--	--	--	--	1	406.5	23.78	.24	--	--	--	--	100	--
Wyman (ME)	--	--	--	--	1	406.5	23.78	.24	--	--	--	--	100	--
Central Nebraska Pub P&I Dist	--	--	--	--	--	--	--	--	3	423.0	3.93	--	--	100
Canaday (NE)	--	--	--	--	--	--	--	--	3	423.0	3.93	--	--	100
Central Operating Co	127	179.3	45.76	1.18	10	464.1	26.65	.00	--	--	--	98	2	--
Sporn (WV)	127	179.3	45.76	1.18	10	464.1	26.65	.00	--	--	--	98	2	--
Central Power & Light Co	149	208.4	44.12	.38	--	--	--	--	5,253	212.2	2.21	37	--	63
Bates (TX)	--	--	--	--	--	--	--	--	508	205.5	2.19	--	--	100
Coletto Creek (TX)	149	208.4	44.12	.38	--	--	--	--	--	--	--	100	--	--
Davis (TX)	--	--	--	--	--	--	--	--	2,132	208.4	2.14	--	--	100
Hill (TX)	--	--	--	--	--	--	--	--	894	210.0	2.18	--	--	100
Joslin (TX)	--	--	--	--	--	--	--	--	55	216.9	2.25	--	--	100
La Palma (TX)	--	--	--	--	--	--	--	--	593	200.3	2.13	--	--	100
Laredo (TX)	--	--	--	--	--	--	--	--	439	268.3	2.81	--	--	100
Nueces Bay (TX)	--	--	--	--	--	--	--	--	590	206.3	2.13	--	--	100
Victoria (TX)	--	--	--	--	--	--	--	--	42	195.7	2.04	--	--	100
Chugach Electric Assn Inc	--	--	--	--	--	--	--	--	1,372	64.3	.64	--	--	100
Beluga (AK)	--	--	--	--	--	--	--	--	1,372	64.3	.64	--	--	100
Cincinnati Gas & Electric Co	752	139.5	33.91	2.16	12	394.2	22.63	.40	--	--	--	100	*	--
Beckjord (OH)	128	178.2	41.42	1.60	2	389.1	22.59	.40	--	--	--	100	*	--
East Bend (KY)	120	171.9	40.87	2.07	1	404.1	23.18	.46	--	--	--	100	*	--
Miami Fort (OH)	159	171.0	40.82	.80	3	395.4	22.60	.31	--	--	--	100	*	--
Zimmer (OH)	344	101.5	25.49	3.03	7	394.0	22.59	.43	--	--	--	100	*	--
Cleveland Electric Illum Co	357	132.9	33.80	2.68	8	430.0	25.14	.36	--	--	--	99	1	--
Ashtabula (OH)	75	151.3	38.69	3.56	2	448.6	26.30	.33	--	--	--	99	1	--
Avon Lake (OH)	140	127.9	31.17	2.42	2	414.1	24.06	.37	--	--	--	100	*	--
Eastlake (OH)	128	123.9	32.71	2.69	3	429.1	25.10	.39	--	--	--	99	1	--
Lake Shore (OH)	14	167.3	44.03	.59	1	426.8	25.09	.33	--	--	--	98	2	--
Colorado Springs City of	111	152.0	32.54	.37	--	--	--	--	*	349.7	3.44	100	--	*
Birdsall (CO)	--	--	--	--	--	--	--	--	*	349.7	3.44	--	--	100
Drake (CO)	61	158.4	33.50	.34	--	--	--	--	*	349.7	3.44	100	--	*
Nixon (CO)	51	144.6	31.38	.39	--	--	--	--	--	--	--	100	--	--
Columbia City of	2	210.0	57.80	.66	--	--	--	--	--	--	--	100	--	--
Columbia (MO)	2	210.0	57.80	.66	--	--	--	--	--	--	--	100	--	--
Columbus & Southern Ohio El Co ..	324	145.0	34.39	3.17	1	389.8	22.82	.00	--	--	--	100	*	--
Conesville (OH)	295	148.9	35.46	3.19	1	382.5	22.39	.00	--	--	--	100	*	--
Picway (OH)	29	103.5	23.47	2.95	*	426.2	24.95	.00	--	--	--	100	*	--
Columbus City of	9	159.4	42.02	.68	--	--	--	--	--	--	--	100	--	--
Solid Waste R F (OH)	9	159.4	42.02	.68	--	--	--	--	--	--	--	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, January 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ 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	802	246.7	46.52	1.05	153	290.2	18.29	0.61	526	288.2	2.93	91	6	3
Collins (IL)	--	--	--	--	128	268.5	17.16	.68	--	--	--	--	100	--
Crawford (IL)	14	302.0	56.58	.39	--	--	--	--	72	348.5	3.55	78	--	22
Fisk (IL)	30	315.5	59.24	.39	--	435.6	25.14	.22	114	293.8	2.99	83	--	17
Joliet (IL)	89	251.2	47.87	.36	1	409.0	23.88	.26	233	266.0	2.69	88	--	12
Kincaid (IL)	170	111.2	23.29	3.75	--	--	--	--	8	315.7	3.16	100	--	--
Powerton (IL)	252	300.1	52.85	.31	--	--	--	--	18	465.0	4.65	100	--	--
State Line (IN)	67	256.6	48.90	.36	--	--	--	--	81	249.2	2.53	94	--	6
Waukegan (IL)	44	258.7	49.30	.36	5	430.1	25.08	.25	--	--	--	97	3	--
Will County (IL)	136	311.9	56.99	.30	19	407.5	23.85	.26	--	--	--	96	4	--
Connecticut Light & Power Co	--	--	--	--	221	251.3	15.86	.79	20	666.5	6.86	--	99	1
Devon (CT)	--	--	--	--	--	426.9	24.96	.70	--	--	--	--	100	--
Middletown (CT)	--	--	--	--	88	260.6	16.50	.50	--	--	--	--	100	--
Montville (CT)	--	--	--	--	--	456.8	26.61	.20	20	666.5	6.86	--	8	92
Norwalk Harbor (CT)	--	--	--	--	132	244.3	15.39	.99	--	--	--	--	100	--
Consolidated Edison Co-NY Inc	--	--	--	--	700	264.5	16.56	.25	5,858	270.9	2.79	--	42	58
Astoria (NY)	--	--	--	--	26	267.9	16.71	.23	2,539	270.9	2.79	--	6	94
East River (NY)	--	--	--	--	114	262.8	16.53	.27	66	270.2	2.78	--	91	9
Hudson Avenue (NY)	--	--	--	--	206	265.4	16.61	.27	--	--	--	--	100	--
Ravenswood (NY)	--	--	--	--	--	--	--	--	2,370	270.9	2.79	--	--	100
Storage Facility #3	--	--	--	--	70	267.9	16.72	.22	--	--	--	--	100	--
Storage Facility #5	--	--	--	--	161	260.2	16.27	.23	--	--	--	--	100	--
Storage Facility #8	--	--	--	--	123	267.4	16.76	.27	--	--	--	--	100	--
Waterside (NY)	--	--	--	--	--	--	--	--	883	270.9	2.79	--	--	100
Consumers Power Co	461	157.9	38.49	.71	17	318.1	19.43	.73	--	--	--	99	1	--
Campbell (MI)	245	167.8	41.76	.67	9	389.0	22.55	.50	--	--	--	99	1	--
Karn-Weadock (MI)	97	151.8	36.83	.84	9	253.4	16.28	.96	--	--	--	98	2	--
Weadock (MI)	64	149.0	32.92	.56	--	--	--	--	--	--	--	100	--	--
Whiting (MI)	55	133.0	33.27	.83	--	--	--	--	--	--	--	100	--	--
Coop Power Assn	629	72.0	9.04	.73	--	--	--	--	--	--	--	100	--	--
Coal Creek (ND)	629	72.0	9.04	.73	--	--	--	--	--	--	--	100	--	--
Dairyland Power Coop	102	146.8	24.98	.29	1	421.4	24.78	.50	--	--	--	100	--	--
Alma-Madgett (WI)	102	146.8	24.98	.29	--	--	--	--	--	--	--	100	--	--
Stoneman (WI)	--	--	--	--	1	421.4	24.78	.50	--	--	--	--	100	--
Dayton Power & Light Co	624	141.0	33.30	1.19	1	422.5	24.47	.39	14	462.7	4.72	100	--	--
Hutchings (OH)	6	124.3	29.86	.85	--	--	--	--	14	462.7	4.72	91	--	9
Killen (OH)	80	153.1	36.52	.64	--	--	--	--	--	--	--	100	--	--
Stuart (OH)	538	139.4	32.86	1.28	1	422.5	24.47	.39	--	--	--	100	--	--
Delmarva Power & Light Co	132	175.0	45.66	1.05	481	219.0	13.92	1.52	2	301.8	3.12	53	47	--
Edgemoor (DE)	37	197.9	51.31	.83	207	214.9	13.75	.96	2	301.8	3.12	42	58	--
Indian River (DE)	94	166.0	43.42	1.13	8	407.5	23.90	.25	--	--	--	98	2	--
Vienna (MD)	--	--	--	--	266	216.8	13.73	1.99	--	--	--	--	100	--
Denton City of	--	--	--	--	--	--	--	--	129	231.2	2.38	--	--	100
Spencer (TX)	--	--	--	--	--	--	--	--	129	231.2	2.38	--	--	100
Deseret Generation & Tran Coop ..	109	206.2	43.81	.43	1	558.0	32.34	.00	--	--	--	100	--	--
Bonanza (UT)	109	206.2	43.81	.43	1	558.0	32.34	.00	--	--	--	100	--	--
Detroit City of	--	--	--	--	15	274.0	16.68	.70	208	305.0	3.13	--	30	70
Mistersky (MI)	--	--	--	--	15	274.0	16.68	.70	208	305.0	3.13	--	30	70
Detroit Edison Co	822	148.8	33.56	.81	9	422.7	24.37	.27	1,416	191.3	.22	99	--	1
Harbor Beach (MI)	--	--	--	--	1	429.6	24.65	.32	--	--	--	--	100	--
Monroe (MI)	603	148.6	33.89	.90	7	419.5	24.18	.23	--	--	--	100	--	--
River Rouge (MI)	86	139.6	31.30	.56	--	--	--	--	1,398	168.9	.17	93	--	7
St Clair (MI)	25	119.9	21.91	.33	--	--	--	--	18	365.0	3.72	96	--	4
Trenton Channel (MI)	108	162.5	36.21	.65	2	431.1	24.97	.38	--	--	--	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, January 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)			
Dover City of	--	--	--	--	--	--	--	--	11	361.0	3.74	--	--	100
Mckee Run (DE)	--	--	--	--	--	--	--	--	11	361.0	3.74	--	--	100
Duke Power Co	853	175.8	43.82	0.96	12	413.8	24.11	0.30	--	--	--	100	*	--
Allen (NC)	102	190.0	47.17	1.00	2	411.3	24.07	.30	--	--	--	100	*	--
Belews Creek (NC)	363	171.8	42.86	.98	2	406.9	23.80	.30	--	--	--	100	*	--
Buck (NC)	22	166.9	40.51	.84	--	--	--	--	--	--	--	100	--	--
Cliffside (NC)	--	--	--	--	2	410.5	23.77	.30	--	--	--	--	100	--
Dan River (NC)	21	177.2	42.35	.94	--	--	--	--	--	--	--	100	--	--
Lee (SC)	34	150.9	38.07	.96	--	--	--	--	--	--	--	100	--	--
Marshall (NC)	294	179.0	44.97	.95	6	418.1	24.35	.30	--	--	--	100	*	--
Riverbend (NC)	17	166.7	42.18	.86	--	--	--	--	--	--	--	100	--	--
Duquesne Light Co	140	156.7	39.21	1.71	--	--	--	--	--	--	--	100	--	--
Cheswick (PA)	30	126.5	32.98	1.50	--	--	--	--	--	--	--	100	--	--
Elrama (PA)	110	165.3	40.91	1.77	--	--	--	--	--	--	--	100	--	--
East Kentucky Power Coop	267	113.6	27.87	1.27	1	422.8	24.61	.13	--	--	--	100	*	--
Cooper (KY)	54	114.1	28.40	1.70	--	427.0	24.86	.20	--	--	--	100	*	--
Dale (KY)	22	106.6	26.47	.79	--	--	--	--	--	--	--	100	--	--
Spurlock (KY)	191	111.2	27.88	1.21	1	422.0	24.57	.12	--	--	--	100	*	--
El Paso Electric Co	--	--	--	--	--	--	--	--	2,353	240.0	2.45	--	--	100
Newman (TX)	--	--	--	--	--	--	--	--	1,697	240.0	2.45	--	--	100
Rio Grande (TX)	--	--	--	--	--	--	--	--	656	240.0	2.46	--	--	100
Electric Energy Inc	268	99.4	21.48	1.36	1	467.8	26.88	.20	--	--	--	100	*	--
Joppa (IL)	268	99.4	21.48	1.36	1	467.8	26.88	.20	--	--	--	100	*	--
Empire District Electric Co	98	101.0	18.88	.71	*	380.8	22.30	.00	2	257.7	2.58	100	*	*
Asbury (MO)	75	96.8	17.59	.54	*	380.8	22.30	.00	--	--	--	100	*	--
Riverton (KS)	24	113.0	23.00	1.26	--	--	--	--	2	257.7	2.58	100	--	*
Fayetteville Public Works	--	--	--	--	--	--	--	--	166	402.0	4.16	--	--	100
Butler Warner (NC)	--	--	--	--	--	--	--	--	166	402.0	4.16	--	--	100
Florida Power & Light Co	--	--	--	--	1,583	212.7	13.58	1.77	7,821	215.4	2.15	--	56	44
Cape Canaveral (FL)	--	--	--	--	157	206.0	13.15	1.50	1,355	215.4	2.15	--	43	57
Cutler (FL)	--	--	--	--	--	--	--	--	58	215.4	2.15	--	--	100
Fort Myers (FL)	--	--	--	--	167	217.5	13.88	1.56	--	--	--	--	100	--
Lauderdale (FL)	--	--	--	--	--	--	--	--	57	215.4	2.15	--	--	100
Manatee (FL)	--	--	--	--	105	214.1	13.76	1.00	--	--	--	--	100	--
Martin (FL)	--	--	--	--	--	--	--	--	408	215.4	2.15	--	--	100
Port Everglades (FL)	--	--	--	--	289	221.5	14.23	.99	2,744	215.4	2.15	--	40	60
Putnam (FL)	--	--	--	--	--	--	--	--	1,898	215.4	2.15	--	--	100
Riviera (FL)	--	--	--	--	617	204.3	13.02	2.34	43	215.4	2.15	--	99	1
Sanford (FL)	--	--	--	--	248	223.9	14.20	1.90	266	215.4	2.15	--	86	14
Turkey Point (FL)	--	--	--	--	--	--	--	--	992	215.4	2.15	--	--	100
Florida Power Corp	273	176.6	44.87	.78	109	223.2	14.00	2.21	--	--	--	91	9	--
Anclote (FL)	--	--	--	--	2	409.4	23.96	.34	--	--	--	--	100	--
Bartow (FL)	--	--	--	--	*	418.5	24.49	.34	--	--	--	--	100	--
Crystal River (FL)	214	183.8	46.96	.75	9	437.2	25.59	.34	--	--	--	99	1	--
IMT Transfer (LA)	42	160.3	40.10	.88	--	--	--	--	--	--	--	100	--	--
Storage Facility #1	--	--	--	--	93	201.9	12.76	2.42	--	--	--	--	100	--
TTI Transfer (KY)	18	125.5	31.12	.95	--	--	--	--	--	--	--	100	--	--
Fort Pierre City of	--	--	--	--	--	--	--	--	158	256.0	2.64	--	--	100
H D King (FL)	--	--	--	--	--	--	--	--	158	256.0	2.64	--	--	100
Fremont City of	12	85.3	14.61	.27	--	--	--	--	6	237.5	2.37	97	--	3
Wright (NE)	12	85.3	14.61	.27	--	--	--	--	6	237.5	2.37	97	--	3
Gainesville City of	35	175.4	46.78	.63	--	--	--	--	89	352.9	3.64	91	--	9
Deerhaven (FL)	35	175.4	46.78	.63	--	--	--	--	89	352.9	3.64	91	--	9

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, January 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)			
Garland City of	--	--	--	--	--	--	--	--	1,037	204.7	2.10	--	--	100
Newman (TX)	--	--	--	--	--	--	--	--	6	210.0	2.15	--	--	100
Olinger (TX)	--	--	--	--	--	--	--	--	1,031	204.6	2.10	--	--	100
Georgia Power Co	1,963	176.4	42.39	1.53	9	440.9	25.65	0.50	10	381.5	3.90	100	*	*
Arkwright (GA)	--	--	--	--	--	--	--	--	1	467.3	4.77	--	--	100
Atkinson-McDonough (GA)	107	159.7	38.91	1.68	--	--	--	--	9	376.8	3.85	100	--	--
Bowen (GA)	722	156.6	38.38	1.29	2	453.9	26.40	.50	--	--	--	100	*	--
Hammond (GA)	42	174.6	45.10	1.40	*	414.3	24.10	.50	--	--	--	100	*	--
Harlee Branch (GA)	196	159.8	39.47	1.27	2	451.3	26.25	.50	--	--	--	100	*	--
Scherer (GA)	312	208.2	51.56	.66	3	435.6	25.34	.50	--	--	--	100	*	--
Wansley (GA)	464	195.5	43.42	2.53	--	--	--	--	--	--	--	100	--	--
Yates (GA)	120	188.7	45.63	1.69	--	432.3	25.15	.50	--	--	--	99	1	--
Glendale City of	--	--	--	--	--	--	--	--	123	326.0	3.37	--	--	100
Glendale (CA)	--	--	--	--	--	--	--	--	123	326.0	3.37	--	--	100
Grand Island City of	34	69.2	11.58	.34	--	--	--	--	--	--	--	100	--	--
Platte (NE)	34	69.2	11.58	.34	--	--	--	--	--	--	--	100	--	--
Grand River Dam Authority	314	89.5	15.10	.34	--	--	--	--	14	278.8	2.82	100	--	*
GRDA No 1 (OK)	314	89.5	15.10	.34	--	--	--	--	14	278.8	2.82	100	--	*
Greenville City of	--	--	--	--	--	--	--	--	10	130.0	1.34	--	--	100
Power Lane (TX)	--	--	--	--	--	--	--	--	10	130.0	1.34	--	--	100
Gulf Power Co	329	169.0	40.32	2.34	3	421.1	24.23	.45	4	205.0	2.05	100	*	*
Crist (FL)	256	169.1	40.72	2.36	2	411.6	23.68	.45	4	205.0	2.05	100	*	*
Scholtz (FL)	--	--	--	--	*	427.5	24.60	.45	--	--	--	--	100	--
Smith (FL)	72	164.0	38.89	2.27	1	442.4	25.46	.45	--	--	--	100	*	--
Gulf States Utilities Co	141	172.4	29.95	.42	--	--	--	--	9,381	222.8	2.32	20	--	80
Lewis Creek (TX)	--	--	--	--	--	--	--	--	1,838	209.9	2.16	--	--	100
Nelson (LA)	141	172.4	29.95	.42	--	--	--	--	--	--	--	100	--	--
Sabine (TX)	--	--	--	--	--	--	--	--	5,360	227.5	2.36	--	--	100
Willow Glen (LA)	--	--	--	--	--	--	--	--	2,183	221.9	2.35	--	--	100
Hamilton City of	6	135.3	33.93	.72	--	--	--	--	302	253.9	2.62	33	--	67
Hamilton (OH)	6	135.3	33.93	.72	--	--	--	--	302	253.9	2.62	33	--	67
Hastings City of	16	86.4	15.35	.22	--	--	--	--	--	--	--	100	--	--
Hastings (NE)	16	86.4	15.35	.22	--	--	--	--	--	--	--	100	--	--
Hawaiian Electric Co Inc	--	--	--	--	510	322.3	20.22	.47	--	--	--	--	100	--
Honolulu (HI)	--	--	--	--	29	328.9	20.72	.50	--	--	--	--	100	--
Kahe (HI)	--	--	--	--	142	324.6	20.51	.45	--	--	--	--	100	--
Storage Facility #1	--	--	--	--	279	319.8	19.97	.47	--	--	--	--	100	--
Waiau (HI)	--	--	--	--	60	325.4	20.50	.48	--	--	--	--	100	--
Holyoke Water Power Co	25	173.9	45.56	1.50	*	424.4	24.85	.30	--	--	--	100	*	--
Mount Tom (MA)	25	173.9	45.56	1.50	*	424.4	24.85	.30	--	--	--	100	*	--
Hoosier Energy R E C Inc	268	125.2	27.95	3.40	*	391.3	22.68	.20	--	--	--	100	*	--
Frank E Ratts (IN)	62	139.2	31.40	3.02	*	391.3	22.68	.20	--	--	--	100	*	--
Merom (IN)	206	121.0	26.92	3.52	--	--	--	--	--	--	--	100	--	--
Houston Lighting & Power Co	1,538	197.5	28.84	.77	9	372.3	22.33	.70	13,089	204.7	2.08	63	*	37
Bertron (TX)	--	--	--	--	--	--	--	--	168	206.6	2.11	--	--	100
Cedar Bayou (TX)	--	--	--	--	7	372.2	22.33	.70	5,195	206.9	2.11	--	1	99
Deepwater (TX)	--	--	--	--	--	--	--	--	25	201.8	2.07	--	--	100
Green Bayou (TX)	--	--	--	--	--	--	--	--	36	218.9	2.27	--	--	100
Limestone (TX)	827	159.7	20.10	1.12	--	--	--	--	62	204.3	2.08	99	--	1
Parish (TX)	711	230.2	39.00	.37	--	--	--	--	1,982	198.1	2.01	86	--	14
Robinson (TX)	--	--	--	--	2	372.8	22.33	.70	3,294	200.6	2.05	--	*	100
Storage Facility #2	--	--	--	--	--	--	--	--	714	218.9	2.22	--	--	100
Wharton (TX)	--	--	--	--	--	--	--	--	1,614	207.5	2.10	--	--	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, January 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Coal	Pe- tro- leum	Gas
		(Cents per 10 ⁶ Btu)	(\$ per short ton)			(Cents per 10 ⁶ Btu)	\$ per bbl			(Cents per 10 ⁶ Btu)	\$ per Mcf			
	(1,000 tons)				(1,000 bbls)				(1,000 Mcf)					
Illinois Power Co	481	140.4	30.99	2.55	5	421.7	24.44	0.30	23	279.1	2.85	100	*	*
Baldwin (IL)	330	138.2	29.94	2.93	2	414.5	24.03	.30	--	--	--	100	*	--
Havana (IL)	25	140.3	34.60	.48	2	426.1	24.70	.30	--	--	--	98	2	--
Hennepin (IL)	60	145.1	30.82	2.93	--	--	--	--	11	273.5	2.78	99	--	1
Vermilion (IL)	20	126.3	27.09	2.09	1	429.6	24.90	.30	--	--	--	99	1	--
Wood River (IL)	46	153.4	38.43	.74	--	--	--	--	12	284.6	2.91	99	--	1
Imperial Irrigation District	--	--	--	--	20	306.5	19.25	1.20	208	410.8	4.21	--	37	63
El Centro (CA)	--	--	--	--	20	306.5	19.25	1.20	208	410.8	4.21	--	37	63
Independence City of	3	128.5	31.00	3.16	--	--	--	--	2	264.6	2.65	96	--	4
Blue Valley (MO)	3	128.5	31.00	3.16	--	--	--	--	2	264.6	2.65	96	--	4
Indiana & Michigan Electric Co	865	116.7	20.69	.51	1	341.5	19.75	.00	--	--	--	100	*	--
Breed (IN)	--	--	--	--	1	334.1	19.30	.00	--	--	--	--	100	--
Rockport (IN)	766	109.7	18.82	.30	--	--	--	--	--	--	--	100	--	--
Tanners Creek (IN)	98	158.5	35.21	2.13	*	421.8	24.71	.00	--	--	--	100	*	--
Indiana-Kentucky Electric Corp	230	104.8	23.39	3.19	*	465.4	26.93	.28	--	--	--	100	*	--
Clifty Creek (IN)	230	104.8	23.39	3.19	*	465.4	26.93	.28	--	--	--	100	*	--
Indianapolis Power & Light Co	430	104.4	23.22	2.35	*	439.2	25.14	.20	--	--	--	100	*	--
Petersburg (IN)	354	101.7	22.57	2.53	--	--	--	--	--	--	--	100	--	--
Pritchard (IN)	5	116.0	26.70	1.15	*	439.2	25.14	.20	--	--	--	99	1	--
Stout (IN)	71	116.7	26.20	1.57	--	--	--	--	--	--	--	100	--	--
Interstate Power Co	--	--	--	--	--	--	--	--	6	315.6	3.19	--	--	100
Dubuque (IA)	--	--	--	--	--	--	--	--	*	310.9	3.11	--	--	100
Kapp (IA)	--	--	--	--	--	--	--	--	5	315.9	3.19	--	--	100
Iowa Electric Light & Power Co	24	111.8	19.36	.41	6	415.7	24.18	.00	147	315.2	3.15	69	6	25
Prairie Creek (IA)	1	169.7	34.17	2.04	*	406.6	23.65	.00	1	330.4	3.30	87	9	4
Sutherland (IA)	23	108.8	18.71	.34	6	416.2	24.21	.00	104	319.0	3.19	74	7	19
6th St (IA)	--	--	--	--	--	--	--	--	42	305.5	3.05	--	--	100
Iowa Southern Utilities Co	178	85.4	14.26	.67	*	451.6	26.15	.04	--	--	--	100	*	--
Burlington (IA)	72	82.9	13.89	1.07	*	444.7	25.75	.04	--	--	--	100	*	--
Ottumwa (IA)	106	87.1	14.51	.40	*	492.8	28.54	.04	--	--	--	100	*	--
Iowa-Illinois Gas&Electric Co	150	114.5	19.10	.33	--	--	--	--	41	376.9	3.81	98	--	2
Louisa (IA)	150	114.5	19.10	.33	--	--	--	--	8	309.6	3.15	100	--	*
Riverside (IA)	--	--	--	--	--	--	--	--	33	393.3	3.97	--	--	100
Jacksonville Electric Auth	371	155.4	38.02	.91	446	210.4	13.40	1.75	--	--	--	76	24	--
Northside (FL)	--	--	--	--	444	209.3	13.33	1.76	--	--	--	--	100	--
St Johns River (FL)	371	155.4	38.02	.91	2	444.6	25.96	.35	--	--	--	100	*	--
Jamestown City of	11	131.2	32.26	1.76	--	--	--	--	--	--	--	100	--	--
Samuel A Carlson (NY)	11	131.2	32.26	1.76	--	--	--	--	--	--	--	100	--	--
Jersey Central Power&Light Co	--	--	--	--	2	442.5	25.73	.10	3	264.1	2.72	--	82	18
Gilbert (NJ)	--	--	--	--	--	--	--	--	3	264.1	2.72	--	--	100
Sayreville (NJ)	--	--	--	--	2	442.5	25.73	.10	--	--	--	--	100	--
Kansas City City of	20	126.7	26.69	.47	5	425.7	24.68	.00	20	350.2	3.47	89	6	4
Kaw (KS)	--	--	--	--	*	440.5	25.53	.00	11	361.1	3.57	--	9	91
Nearman (KS)	--	--	--	--	5	425.6	24.67	.00	--	--	--	--	100	--
Quindaro (KS)	20	126.7	26.69	.47	*	414.2	24.01	.00	9	337.0	3.34	98	*	2
Kansas City Power & Light Co	859	84.5	14.68	.27	--	--	--	--	16	262.2	2.62	100	--	*
Hawthorne (MO)	131	83.0	14.69	.21	--	--	--	--	16	262.2	2.62	99	--	1
Iatan (MO)	257	85.8	14.98	.34	--	--	--	--	--	--	--	100	--	--
La Cygne (KS)	319	78.9	13.44	.27	--	--	--	--	--	--	--	100	--	--
Montrose (MO)	152	95.0	16.77	.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, January 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 ³		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbls)	(Cents per 10 ⁶ Btu)			(1,000 Mcf)	(Cents per 10 ⁶ Btu)			
Kansas Gas & Electric Co	--	--	--	--	--	--	--	--	403	227.6	2.19	--	--	100
Evans (KS)	--	--	--	--	--	--	--	--	7	248.5	2.40	--	--	100
Gill (KS)	--	--	--	--	--	--	--	--	396	227.2	2.19	--	--	100
Kansas Power & Light Co	605	132.7	23.12	0.37	--	--	--	--	40	311.2	3.14	100	--	*
Hutchinson (KS)	--	--	--	--	--	--	--	--	3	305.3	2.98	--	--	100
Jeffrey Energy Cnt (KS)	490	135.4	22.44	.35	--	--	--	--	--	--	--	100	--	--
Lawrence (KS)	83	123.2	25.93	.47	--	--	--	--	15	329.0	3.31	99	--	1
Tecumseh (KS)	32	124.6	26.16	.47	--	--	--	--	22	300.0	3.04	97	--	3
Kentucky Power Co	263	109.0	26.28	1.20	3	395.1	23.29	0.00	--	--	--	100	*	--
Big Sandy (KY)	263	109.0	26.28	1.20	3	395.1	23.29	.00	--	--	--	100	*	--
Kentucky Utilities Co	523	115.4	27.72	1.53	6	498.1	29.29	.40	--	--	--	100	*	--
Brown (KY)	123	111.9	26.75	2.07	4	503.6	29.61	.40	--	--	--	99	1	--
Ghent (KY)	350	117.9	28.40	1.29	2	488.9	28.75	.40	--	--	--	100	*	--
Green River (KY)	48	106.0	25.20	1.96	--	--	--	--	--	--	--	100	--	--
Tyrone (KY)	1	119.3	29.29	1.09	--	--	--	--	--	--	--	100	--	--
Lafayette City of	--	--	--	--	--	--	--	--	154	206.4	2.17	--	--	100
Bonin (LA)	--	--	--	--	--	--	--	--	154	206.4	2.17	--	--	100
Lake Worth City of	--	--	--	--	--	--	--	--	165	256.0	2.63	--	--	100
Tom G Smith (FL)	--	--	--	--	--	--	--	--	165	256.0	2.63	--	--	100
Lakeland City of	84	170.9	45.29	1.00	1	433.1	25.14	.22	310	234.5	2.42	87	*	13
Larsen Mem (FL)	--	--	--	--	--	--	--	--	296	234.8	2.42	--	--	100
Plant 3-Mcintosh (FL)	84	170.9	45.29	1.00	1	433.1	25.14	.22	14	228.9	2.36	99	*	1
Lansing City of	47	175.9	44.56	.91	1	424.0	24.58	.30	--	--	--	99	1	--
Eckert (MI)	28	177.8	44.78	.89	1	424.0	24.58	.30	--	--	--	99	1	--
Erickson (MI)	19	173.1	44.24	.93	*	424.0	24.58	.30	--	--	--	100	*	--
Long Island Lighting Co	--	--	--	--	806	277.3	17.70	.99	1,862	246.9	2.55	--	73	27
Barrett (NY)	--	--	--	--	--	--	--	--	1,763	245.4	2.53	--	--	100
Glenwood (NY)	--	--	--	--	--	--	--	--	99	273.5	2.77	--	--	100
Northport (NY)	--	--	--	--	599	276.0	17.63	.99	--	--	--	--	100	--
Port Jefferson (NY)	--	--	--	--	207	281.1	17.88	.99	--	--	--	--	100	--
Los Angeles City of	419	148.4	34.66	.43	--	--	--	--	4,475	391.4	4.03	68	--	32
Haynes (CA)	--	--	--	--	--	--	--	--	2,303	391.4	4.02	--	--	100
Intermountain (UT)	419	148.4	34.66	.43	--	--	--	--	--	--	--	100	--	--
Scattergood (CA)	--	--	--	--	--	--	--	--	2,080	391.4	4.05	--	--	100
Valley (CA)	--	--	--	--	--	--	--	--	92	391.4	4.05	--	--	100
Louisiana Power & Light Co	--	--	--	--	79	203.0	13.15	.99	5,356	226.4	2.37	--	8	92
Little Gypsy (LA)	--	--	--	--	--	--	--	--	1,403	230.2	2.41	--	--	100
Nine Mile (LA)	--	--	--	--	--	--	--	--	3,254	221.4	2.34	--	--	100
Waterford (LA)	--	--	--	--	79	203.0	13.15	.99	699	242.4	2.48	--	42	58
Louisville Gas & Electric Co	462	109.2	25.22	3.03	*	516.4	30.37	.12	6	262.3	2.69	100	*	*
Cane Run (KY)	57	118.8	27.01	3.13	*	516.4	30.37	.12	4	262.3	2.69	100	*	*
Mill Creek (KY)	265	112.4	26.23	2.92	--	--	--	--	2	262.3	2.69	100	--	*
Trimble County (KY)	140	99.0	22.59	3.19	--	--	--	--	--	--	--	100	--	--
Lower Colorado River Authority	423	129.4	22.01	.37	1	379.5	22.47	.00	985	202.4	2.11	87	*	12
Gideon (TX)	--	--	--	--	--	--	--	--	385	202.2	2.09	--	--	100
S Seymour-Fayette (TX)	423	129.4	22.01	.37	1	379.5	22.47	.00	--	--	--	100	*	--
T C Ferguson (TX)	--	--	--	--	--	--	--	--	600	202.6	2.13	--	--	100
Lubbock City of	--	--	--	--	--	--	--	--	463	234.7	2.38	--	--	100
Holly Ave (TX)	--	--	--	--	--	--	--	--	463	234.7	2.38	--	--	100
Madison Gas & Electric Co	3	164.2	39.09	2.17	--	--	--	--	23	374.6	3.75	76	--	24
Blount (WI)	3	164.2	39.09	2.17	--	--	--	--	23	374.6	3.75	76	--	24

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, January 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)			
Massachusetts Mun Wholes El Co	--	--	--	--	--	--	--	--	31	268.0	2.76	--	--	100
Stonybrook (MA)	--	--	--	--	--	--	--	--	31	268.0	2.76	--	--	100
Medina Electric Coop Inc	--	--	--	--	--	--	--	--	9	225.0	2.41	--	--	100
Pearsall (TX)	--	--	--	--	--	--	--	--	9	225.0	2.41	--	--	100
Metropolitan Edison Co	102	137.2	36.39	1.88	2	394.6	23.05	0.11	--	--	--	100	*	--
Portland (PA)	58	135.0	35.84	2.11	--	--	--	--	--	--	--	100	--	--
Titus (PA)	43	140.3	37.14	1.56	2	394.6	23.05	.11	--	--	--	99	1	--
Michigan South Central Pwr Agcy	12	160.9	38.60	3.33	5	392.1	23.06	.30	--	--	--	91	9	--
Project I (MI)	12	160.9	38.60	3.33	5	392.1	23.06	.30	--	--	--	91	9	--
Midwest Power	713	87.2	14.68	.36	2	391.0	22.33	.46	40	375.7	3.75	100	*	*
Council Bluffs (IA)	229	107.0	17.69	.37	2	391.0	22.33	.46	4	384.5	3.77	100	*	*
George Neal 1-4 (IA)	484	78.0	13.26	.36	--	--	--	--	36	374.7	3.75	100	--	*
Minnesota Power & Light Co	272	106.8	19.26	.52	1	474.0	27.28	.20	--	--	--	100	*	--
Aurora-Syl Laskin (MN)	--	--	--	--	*	450.6	25.93	.20	--	--	--	--	100	--
Boswell (MN)	272	106.8	19.26	.52	*	492.8	28.35	.20	--	--	--	100	*	--
Minnkota Power Coop Inc	386	48.5	6.65	.77	1	442.8	26.04	.40	--	--	--	100	*	--
Young (ND)	386	48.5	6.65	.77	1	442.8	26.04	.40	--	--	--	100	*	--
Mississippi Power & Light Co	--	--	--	--	2	487.3	28.41	.25	--	--	--	--	100	--
Brown (MS)	--	--	--	--	*	467.2	26.83	.30	--	--	--	--	100	--
Gerald Andrus (MS)	--	--	--	--	1	488.4	28.51	.23	--	--	--	--	100	--
Wilson (MS)	--	--	--	--	1	486.4	28.33	.27	--	--	--	--	100	--
Mississippi Power Co	167	149.7	35.90	1.73	2	407.8	23.62	.43	14	223.9	2.24	99	*	*
Daniel (MS)	76	168.4	38.13	.57	2	407.8	23.62	.43	--	--	--	99	1	--
Sweatt (MS)	--	--	--	--	--	--	--	--	1	236.2	2.37	--	--	100
Watson (MS)	91	135.8	34.04	2.69	--	--	--	--	14	223.2	2.24	99	--	1
Monongahela Power Co	1,109	127.5	32.54	2.73	5	598.2	35.42	.30	15	404.2	4.04	100	*	*
Albright (WV)	72	100.8	24.80	1.58	*	463.7	27.46	.30	--	--	--	100	*	--
Ft Martin (WV)	247	145.1	37.16	1.90	2	449.7	26.63	.30	--	--	--	100	*	--
Harrison (WV)	367	153.5	40.13	3.01	*	738.1	43.71	.30	15	404.2	4.04	100	*	*
Pleasants (WV)	363	94.9	23.80	3.47	3	707.2	41.88	.30	--	--	--	100	*	--
Rivesville (WV)	14	120.4	29.41	.90	--	--	--	--	--	--	--	100	--	--
Willow Island (WV)	47	116.1	29.26	1.58	*	655.8	38.84	.30	--	--	--	100	*	--
Montana Power Co	1,006	57.4	9.78	.64	1	518.7	30.72	.00	3	647.9	7.75	100	*	*
Colstrip (MT)	936	57.2	9.74	.64	1	518.7	30.72	.00	--	--	--	100	*	--
Corette (MT)	70	59.9	10.42	.61	--	--	--	--	3	647.9	7.75	100	--	*
Montana-Dakota Utilities Co	239	81.8	11.28	1.12	5	452.2	25.93	.30	*	329.5	3.73	99	1	*
Coyote (ND)	184	75.2	10.40	1.23	5	452.2	25.93	.30	--	--	--	99	1	--
Heskett (ND)	35	107.0	14.83	.95	--	--	--	--	--	--	--	100	--	--
Lewis and Clark (MT)	21	98.8	13.09	.44	--	--	--	--	*	329.5	3.73	100	--	*
Montaup Electric Co	--	--	--	--	2	401.8	23.44	.24	--	--	--	--	100	--
Somerset (MA)	--	--	--	--	2	401.8	23.44	.24	--	--	--	--	100	--
Morgan City City of	--	--	--	--	--	--	--	--	*	243.0	2.54	--	--	100
Morgan City (LA)	--	--	--	--	--	--	--	--	*	243.0	2.54	--	--	100
Muscatine City of	--	--	--	--	--	--	--	--	5	310.6	3.17	--	--	100
Muscatine (IA)	--	--	--	--	--	--	--	--	5	310.6	3.17	--	--	100
Nebraska Public Power District	410	86.2	15.15	.34	*	418.9	24.30	.00	57	300.2	2.86	99	*	1
Gerald Gentleman (NE)	333	86.5	15.10	.34	*	418.9	24.30	.00	56	295.0	2.80	99	*	1
Sheldon (NE)	77	85.1	15.37	.36	--	--	--	--	1	499.3	4.99	100	--	*
Nevada Power Co	59	190.7	45.00	.50	--	--	--	--	152	304.3	3.10	90	--	10

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, January 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)			
Nevada Power Co														
Clark (NV)	--	--	--	--	--	--	--	--	51	304.2	3.10	--	--	100
Gardner (NV)	59	190.7	45.00	0.50	--	--	--	--	--	--	--	100	--	--
Sunrise (NV)	--	--	--	--	--	--	--	--	101	304.4	3.10	--	--	100
New England Power Co	306	167.7	43.43	1.25	308	421.3	26.82	2.14	--	--	--	80	20	--
Brayton (MA)	226	167.1	43.13	1.19	101	436.6	27.60	2.05	--	--	--	90	10	--
Salem Harbor (MA)	80	169.4	44.28	1.41	207	413.9	26.44	2.18	--	--	--	61	39	--
New Orleans Public Service Inc.	--	--	--	--	--	--	--	--	492	217.5	2.24	--	--	100
Michoud (LA)	--	--	--	--	--	--	--	--	492	217.5	2.24	--	--	100
New York State Elec & Gas Corp	306	136.4	34.76	1.68	1	586.1	33.73	.14	--	--	--	100	*	--
Goudey (NY)	14	135.7	35.28	2.17	*	667.4	38.40	.14	--	--	--	100	*	--
Greenidge (NY)	36	136.9	34.76	2.07	1	565.3	32.53	.14	--	--	--	100	*	--
Hickling (NY)	22	128.7	27.35	.96	--	--	--	--	--	--	--	100	--	--
Jennison (NY)	24	150.2	32.81	1.21	--	--	--	--	--	--	--	100	--	--
Kintigh (NY)	141	134.6	35.51	1.52	--	--	--	--	--	--	--	100	--	--
Milliken (NY)	68	137.9	36.22	2.10	*	577.7	33.24	.14	--	--	--	100	*	--
Niagara Mohawk Power Corp	297	144.6	37.89	1.88	47	284.5	17.86	.68	227	276.1	2.84	94	4	3
Albany (NY)	--	--	--	--	--	--	--	--	133	265.9	2.73	--	--	100
Dunkirk (NY)	145	138.5	36.24	2.10	1	584.9	33.97	.45	--	--	--	100	*	--
Huntley (NY)	152	150.3	39.46	1.67	2	408.3	23.79	.21	--	--	--	100	*	--
Oswego (NY)	--	--	--	--	45	275.1	17.34	.70	94	290.4	3.00	--	74	26
Northern Indiana Pub Serv Co	503	141.9	31.12	1.91	--	--	--	--	527	292.4	2.92	95	--	5
Bailey (IN)	97	142.7	31.10	2.99	--	--	--	--	72	298.2	2.98	97	--	3
Michigan City (IN)	125	123.2	27.80	2.86	--	--	--	--	365	289.7	2.90	89	--	11
Mitchell (IN)	53	119.1	22.50	.38	--	--	--	--	11	303.5	3.03	99	--	1
Rollin Schahfer (IN)	226	156.5	35.00	1.28	--	--	--	--	80	298.1	2.98	98	--	2
Northern States Power Co	1,105	117.4	20.62	.41	--	--	--	--	39	257.8	2.65	100	--	*
Black Dog (MN)	132	104.7	18.48	.31	--	--	--	--	14	281.4	2.85	99	--	1
High Bridge (MN)	45	123.2	21.82	.21	--	--	--	--	20	247.5	2.57	97	--	3
King (MN)	136	96.4	17.02	.31	--	--	--	--	1	243.1	2.46	100	--	*
Riverside (MN)	63	127.3	22.57	.22	--	--	--	--	4	227.5	2.30	100	--	*
Sherburne County (MN)	730	122.4	21.43	.48	--	--	--	--	--	--	--	100	--	--
Ohio Edison Co	748	115.5	28.26	2.29	2	425.4	24.58	.18	--	--	--	100	*	--
Burger (OH)	128	88.0	21.49	3.98	*	430.1	24.93	.11	--	--	--	100	*	--
Edgewater (OH)	15	135.7	31.70	1.51	*	442.5	25.36	.15	--	--	--	99	1	--
Niles (OH)	54	111.4	26.48	2.79	--	--	--	--	--	--	--	100	--	--
Sammis (OH)	524	122.8	30.23	1.77	1	413.9	23.95	.20	--	--	--	100	*	--
Toronto (OH)	28	99.7	23.71	3.59	*	438.2	25.53	.23	--	--	--	100	*	--
Ohio Power Co	1,130	153.8	35.89	3.26	13	445.3	25.80	.00	--	--	--	100	*	--
Gavin (OH)	562	163.4	37.23	3.40	--	--	--	--	--	--	--	100	--	--
Kammer (WV)	125	123.6	30.76	4.03	*	445.3	25.94	.00	--	--	--	100	*	--
Mitchell (WV)	192	148.6	36.35	1.31	12	444.5	25.81	.00	--	--	--	99	1	--
Muskingum (OH)	240	153.8	35.18	4.13	1	453.3	25.69	.00	--	--	--	100	*	--
Tidd (OH)	11	135.3	33.71	2.72	--	--	--	--	--	--	--	100	--	--
Ohio Valley Electric Corp	236	121.1	29.76	3.69	*	528.7	30.70	.38	--	--	--	100	*	--
Kyger Creek (OH)	236	121.1	29.76	3.69	*	528.7	30.70	.38	--	--	--	100	*	--
Oklahoma Gas & Electric Co	821	114.1	19.98	.36	--	--	--	--	3,740	368.5	3.82	79	--	21
Horseshoe Lake (OK)	--	--	--	--	--	--	--	--	830	368.6	3.82	--	--	100
Muskogee (OK)	477	115.0	20.18	.38	--	--	--	--	362	368.2	3.82	96	--	4
Mustang (OK)	--	--	--	--	--	--	--	--	1,025	368.2	3.82	--	--	100
Seminole (OK)	--	--	--	--	--	--	--	--	1,522	368.6	3.82	--	--	100
Sooner (OK)	344	113.0	19.71	.34	--	--	--	--	--	--	--	100	--	--
Omaha Public Power District	296	68.4	11.37	.42	3	397.5	22.96	.20	14	303.2	2.97	99	*	*
Nebraska City (NE)	168	69.3	11.48	.39	3	397.5	22.96	.20	--	--	--	99	1	--
North Omaha (NE)	128	67.3	11.23	.45	--	--	--	--	14	303.2	2.97	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, January 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)			
Orange & Rockland Utils Inc	70	205.9	53.53	0.57	--	--	--	--	1,300	327.9	3.38	58	--	42
Bowline (NY)	--	--	--	--	--	--	--	--	1,134	328.1	3.38	--	--	100
Lovett (NY)	70	205.9	53.53	.57	--	--	--	--	166	326.3	3.36	91	--	9
Orlando Utilities Comm	109	185.4	47.14	.88	4	369.3	22.45	0.58	431	259.0	2.67	86	1	14
Indian River (FL)	--	--	--	--	1	433.9	24.95	.30	431	259.0	2.67	--	2	98
Stanton Energy (FL)	109	185.4	47.14	.88	3	346.8	21.50	.69	--	--	--	99	1	--
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	243	110.5	14.17	.83	1	420.2	24.71	.31	--	--	--	100	*	--
Big Stone (SD)	218	108.1	13.15	.89	1	426.4	25.07	.31	--	--	--	100	*	--
Hoot Lake (MN)	25	124.1	23.06	.30	*	410.0	24.11	.31	--	--	--	100	*	--
Owensboro City of	78	86.5	19.38	2.74	*	389.5	22.58	.38	--	--	--	100	*	--
Smith (KY)	78	86.5	19.38	2.74	*	389.5	22.58	.38	--	--	--	100	*	--
Pacific Gas & Electric Co	--	--	--	--	--	--	--	--	15,605	303.4	3.11	--	--	100
Contra Costa (CA)	--	--	--	--	--	--	--	--	2,772	303.4	3.15	--	--	100
Humboldt Bay (CA)	--	--	--	--	--	--	--	--	241	303.4	3.12	--	--	100
Hunters Point (CA)	--	--	--	--	--	--	--	--	1,922	303.4	3.08	--	--	100
Morro Bay (CA)	--	--	--	--	--	--	--	--	2,933	303.4	3.09	--	--	100
Moss Landing (CA)	--	--	--	--	--	--	--	--	2,670	303.4	3.10	--	--	100
Pittsburg (CA)	--	--	--	--	--	--	--	--	4,458	303.4	3.12	--	--	100
Potrero (CA)	--	--	--	--	--	--	--	--	609	303.4	3.08	--	--	100
Pacific Power & Light Co	2,563	98.2	18.67	.56	1	421.4	24.78	.30	528	193.3	2.05	99	*	1
Carbon (UT)	62	76.4	17.70	.43	--	--	--	--	--	--	--	100	--	--
Centralia (WA)	429	136.0	22.28	.65	--	--	--	--	--	--	--	100	--	--
Emery-Hunter (UT)	388	88.5	20.01	.54	--	--	--	--	--	--	--	100	--	--
Gadsby (UT)	--	--	--	--	--	--	--	--	518	191.1	2.03	--	--	100
Huntington (UT)	216	81.9	18.38	.41	--	--	--	--	--	--	--	100	--	--
Jim Bridger (WY)	789	107.3	20.68	.61	--	--	--	--	--	--	--	100	--	--
Johnston (WY)	299	57.4	9.08	.40	1	421.4	24.78	.30	--	--	--	100	*	--
Naughton (WY)	196	120.9	23.59	.69	--	--	--	--	10	305.5	3.25	100	--	*
Wyodak (WY)	184	62.1	9.81	.58	--	--	--	--	--	--	--	100	--	--
Painesville City of	9	134.0	33.14	2.35	--	--	--	--	12	390.0	3.90	95	--	5
Painesville (OH)	9	134.0	33.14	2.35	--	--	--	--	12	390.0	3.90	95	--	5
Pasadena City of	--	--	--	--	--	--	--	--	216	423.0	4.37	--	--	100
Broadway (CA)	--	--	--	--	--	--	--	--	216	423.0	4.37	--	--	100
Pennsylvania Electric Co	1,231	131.8	32.17	1.88	17	421.3	24.51	.05	6	326.7	3.37	100	*	*
Conemaugh (PA)	273	119.5	29.80	2.16	--	--	--	--	6	326.7	3.37	100	--	*
Homer City (PA)	385	148.9	35.03	1.88	6	424.3	24.59	.05	--	--	--	100	*	--
Keystone (PA)	374	134.4	33.45	1.74	4	422.1	24.61	.05	--	--	--	100	*	--
Seward (PA)	40	105.7	25.69	1.60	1	415.3	24.21	.05	--	--	--	99	1	--
Shawville (PA)	127	110.2	27.08	1.87	6	418.7	24.41	.05	--	--	--	99	1	--
Warren (PA)	32	127.5	31.39	1.43	--	--	--	--	--	--	--	100	--	--
Pennsylvania Power & Light Co	697	151.2	38.43	1.85	607	254.0	16.00	.81	--	--	--	82	18	--
Brunner Island (PA)	293	149.3	39.35	1.87	2	420.5	24.56	.09	--	--	--	100	*	--
Holtwood (PA)	5	108.5	19.24	.46	--	--	--	--	--	--	--	100	--	--
Martins Creek (PA)	41	182.0	46.06	2.06	--	--	--	--	--	--	--	100	--	--
Montour (PA)	291	151.7	37.72	1.84	6	410.5	23.97	.13	--	--	--	100	*	--
Storage Facility #1	--	--	--	--	599	252.0	15.89	.82	--	--	--	--	100	--
Sunbury (PA)	67	141.1	34.23	1.77	--	--	--	--	--	--	--	100	--	--
Pennsylvania Power Co	547	168.1	41.04	3.65	--	--	--	--	--	--	--	100	--	--
Bruce Mansfield (PA)	485	173.7	42.36	3.92	--	--	--	--	--	--	--	100	--	--
New Castle (PA)	62	124.6	30.69	1.50	--	--	--	--	--	--	--	100	--	--
Philadelphia Electric Co	--	--	--	--	207	247.9	15.73	.39	680	238.1	2.45	--	65	35

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, January 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)			
Philadelphia Electric Co														
Cromby (PA)	--	--	--	--	10	278.7	17.59	0.67	680	238.1	2.45	--	8	92
Delaware (PA)	--	--	--	--	43	256.5	16.29	.44	--	--	--	--	100	--
Eddystone (PA)	--	--	--	--	110	241.0	15.26	.34	--	--	--	--	100	--
Schuylkill (PA)	--	--	--	--	44	249.9	15.96	.38	--	--	--	--	100	--
Plains Elec Gen&Trans Coop Inc ..	66	132.7	23.90	0.61	--	--	--	--	1	389.6	3.31	100	--	*
Escalante (NM)	66	132.7	23.90	.61	--	--	--	--	1	389.6	3.31	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	140	113.2	20.33	.37	--	--	--	--	1,123	292.6	2.96	69	--	31
Beaver (OR)	--	--	--	--	--	--	--	--	1,123	292.6	2.96	--	--	100
Boardman (OR)	140	113.2	20.33	.37	--	--	--	--	--	--	--	100	--	--
Potomac Edison Co	20	137.0	34.94	.86	*	429.5	25.43	.30	--	--	--	100	*	--
Smith (MD)	20	137.0	34.94	.86	*	429.5	25.43	.30	--	--	--	100	*	--
Potomac Electric Power Co	649	167.0	42.07	1.55	73	410.3	23.85	.20	36	324.1	3.36	97	3	*
Benning (DC)	--	--	--	--	2	432.1	25.00	.20	--	--	--	--	100	--
Chalk (MD)	190	173.0	42.95	1.78	15	396.8	23.00	.20	36	324.1	3.36	97	2	1
Dickerson (MD)	121	144.6	36.69	1.46	6	431.5	25.00	.20	--	--	--	99	1	--
Morgantown (MD)	260	168.5	42.61	1.64	40	405.4	23.65	.20	--	--	--	97	3	--
Potomac River (VA)	77	182.8	46.57	.81	10	433.6	25.00	.20	--	--	--	97	3	--
Power Authority of State of NY	--	--	--	--	--	--	--	--	1,390	416.7	4.29	--	--	100
Poletti (NY)	--	--	--	--	--	--	--	--	1,390	416.7	4.29	--	--	100
Public Service Co of Colorado	796	111.7	21.46	.39	--	--	--	--	155	253.3	2.53	99	--	1
Arapahoe (CO)	51	108.7	24.48	.47	--	--	--	--	3	256.6	2.51	100	--	*
Cameo (CO)	22	92.6	20.75	.57	--	--	--	--	11	345.8	3.58	98	--	2
Cherokee (CO)	164	110.4	25.10	.42	--	--	--	--	91	233.4	2.34	98	--	2
Comanche (CO)	198	119.1	20.39	.28	--	--	--	--	7	237.4	2.39	100	--	*
Hayden (CO)	58	121.6	26.22	.42	--	--	--	--	2	226.0	2.34	100	--	*
Pawnee (CO)	255	107.9	17.82	.38	--	--	--	--	2	264.7	2.87	100	--	*
Valmont (CO)	47	108.3	24.19	.54	--	--	--	--	10	327.8	3.21	99	--	1
Zuni (CO)	--	--	--	--	--	--	--	--	30	256.6	2.51	--	--	100
Public Service Co of NH	130	168.3	44.79	1.58	3	407.2	23.51	.15	--	--	--	99	1	--
Merrimack (NH)	116	168.0	44.74	1.68	2	394.6	22.84	.21	--	--	--	100	*	--
Newington Station (NH)	--	--	--	--	2	419.5	24.16	.10	--	--	--	--	100	--
Schiller (NH)	15	170.3	45.15	.79	--	--	--	--	--	--	--	100	--	--
Public Service Co of NM	370	201.8	37.76	.90	5	469.8	26.83	1.00	--	--	--	100	*	--
San Juan (NM)	370	201.8	37.76	.90	5	469.8	26.83	1.00	--	--	--	100	*	--
Public Service Co of Oklahoma	270	147.8	25.66	.43	--	--	--	--	4,283	298.4	3.10	51	--	49
Comanche (CS) (OK)	--	--	--	--	--	--	--	--	1,068	298.4	3.19	--	--	100
Northeastern (OK)	270	147.8	25.66	.43	--	--	--	--	924	298.4	3.09	83	--	17
Riverside (OK)	--	--	--	--	--	--	--	--	2,286	298.4	3.07	--	--	100
Southwestern (OK)	--	--	--	--	--	--	--	--	5	298.4	3.13	--	--	100
Public Service Electric&Gas Co	200	181.4	48.84	.83	47	300.8	18.72	.29	188	257.0	2.66	92	5	3
Bergen (NJ)	--	--	--	--	--	--	--	--	58	257.0	2.66	--	--	100
Hudson (NJ)	128	184.0	48.08	.86	--	--	--	--	27	257.0	2.65	99	--	1
Linden (NJ)	--	--	--	--	47	300.8	18.72	.29	--	--	--	--	100	--
Mercer (NJ)	72	177.1	50.16	.78	--	--	--	--	26	257.0	2.65	99	--	1
Sewaren (NJ)	--	--	--	--	--	--	--	--	78	257.0	2.66	--	--	100
PSI Energy	782	141.8	31.28	1.66	19	414.6	23.86	.30	--	--	--	99	1	--
Cayuga (IN)	219	126.4	28.19	2.04	--	--	--	--	--	--	--	100	--	--
Edwardsport (IN)	5	91.6	21.02	2.75	--	--	--	--	--	--	--	100	--	--
Gallagher (IN)	66	149.2	31.99	2.09	6	415.0	23.88	.30	--	--	--	98	2	--
Gibson Station (IN)	376	158.9	34.81	1.24	6	420.8	24.21	.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, January 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Coal	Pe- tro- leum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbls)	(Cents per 10 ⁶ Btu)			(1,000 Mcf)	(Cents per 10 ⁶ Btu)			
PSI Energy														
Noblesville (IN)	--	--	--	--	1	427.8	24.62	0.30	--	--	--	--	100	--
Wabash River (IN)	116	115.1	25.74	2.05	7	407.0	23.42	.30	--	--	--	99	1	--
Richmond City of	26	147.3	33.54	2.08	--	--	--	--	--	--	--	100	--	--
Whitewater (IN)	26	147.3	33.54	2.08	--	--	--	--	--	--	--	100	--	--
Rochester City of	2	167.3	40.47	1.90	--	--	--	--	6	378.9	3.83	90	--	10
Silver Lake (MN)	2	167.3	40.47	1.90	--	--	--	--	6	378.9	3.83	90	--	10
Rochester Gas & Electric Corp	32	124.0	33.12	2.46	--	--	--	--	--	--	--	100	--	--
Rochester 3 (NY)	4	123.8	32.90	2.39	--	--	--	--	--	--	--	100	--	--
Rochester 7 (NY)	28	124.1	33.16	2.47	--	--	--	--	--	--	--	100	--	--
Ruston City of	--	--	--	--	--	--	--	--	153	190.0	2.01	--	--	100
Steam Plant (LA)	--	--	--	--	--	--	--	--	153	190.0	2.01	--	--	100
S Mississippi Elec Pwr Assn	61	207.8	51.16	.95	--	--	--	--	273	203.5	2.05	85	--	15
Moselle (MS)	--	--	--	--	--	--	--	--	273	203.5	2.05	--	--	100
R D Morrow (MS)	61	207.8	51.16	.95	--	--	--	--	--	--	--	100	--	--
Salt River Proj Ag I & P Dist	672	134.3	29.18	.51	--	--	--	--	70	865.1	8.88	100	--	*
Agua Fria (AZ)	--	--	--	--	--	--	--	--	66	713.3	7.32	--	--	100
Coronado (AZ)	124	247.2	50.02	.40	--	--	--	--	--	--	--	100	--	--
Kyrene (AZ)	--	--	--	--	--	--	--	--	3	2,951.7	30.34	--	--	100
Navajo (AZ)	548	110.9	24.46	.53	--	--	--	--	--	--	--	100	--	--
Santan (AZ)	--	--	--	--	--	--	--	--	*	10,000.0	103.40	--	--	100
San Antonio City of	307	124.8	21.12	.33	--	--	--	--	922	214.9	2.19	85	--	15
Braunig (TX)	--	--	--	--	--	--	--	--	389	214.9	2.19	--	--	100
JT Deely/Spruce (TX)	307	124.8	21.12	.33	--	--	--	--	19	214.2	2.18	100	--	*
Sommers (TX)	--	--	--	--	--	--	--	--	514	214.9	2.19	--	--	100
San Diego Gas & Electric Co	--	--	--	--	--	--	--	--	3,683	314.2	3.22	--	--	100
Encina (CA)	--	--	--	--	--	--	--	--	2,179	302.6	3.10	--	--	100
South Bay (CA)	--	--	--	--	--	--	--	--	1,504	330.9	3.40	--	--	100
San Miguel Electric Coop Inc	262	99.9	10.56	1.89	--	--	--	--	--	--	--	100	--	--
San Miguel (TX)	262	99.9	10.56	1.89	--	--	--	--	--	--	--	100	--	--
Savannah Electric & Power Co	*	161.2	39.23	.96	--	--	--	--	*	375.4	3.84	96	--	4
Kraft (GA)	*	161.2	39.23	.96	--	--	--	--	*	374.9	3.84	97	--	3
Riverside (GA)	--	--	--	--	--	--	--	--	*	376.4	3.85	--	--	100
Seminole Electric Coop Inc	269	180.4	42.96	2.57	5	431.7	25.20	.16	--	--	--	100	*	--
Seminole (FL)	269	180.4	42.96	2.57	5	431.7	25.20	.16	--	--	--	100	*	--
Sierra Pacific Power Co	110	201.7	42.67	.39	184	342.6	21.38	.73	53	351.3	3.73	66	33	2
Fort Churchill (NV)	--	--	--	--	90	322.8	20.17	.75	26	351.3	3.73	--	95	5
North Valmy (NV)	110	201.7	42.67	.39	4	476.9	27.74	.00	--	--	--	99	1	--
Tracy (NV)	--	--	--	--	90	356.9	22.30	.75	27	351.3	3.73	--	95	5
Sikeston City of	29	169.4	40.05	2.15	2	395.1	23.40	.26	--	--	--	98	2	--
Sikeston (MO)	29	169.4	40.05	2.15	2	395.1	23.40	.26	--	--	--	98	2	--
South Carolina Electric & Gas Co	392	157.8	40.48	1.04	2	427.1	24.75	.20	9	370.1	3.78	100	*	*
Canadys (SC)	52	163.2	41.03	1.41	2	426.2	24.70	.20	4	348.2	3.56	99	1	*
Hagood (SC)	--	--	--	--	--	--	--	--	3	419.6	4.29	--	--	100
Mcmeekin (SC)	36	149.1	38.60	.94	--	--	--	--	--	--	--	100	--	--
Urguhart (SC)	52	149.9	38.73	1.04	1	429.0	24.86	.20	2	340.9	3.48	100	*	*
Wateree (SC)	128	160.1	41.88	1.05	--	--	--	--	--	--	--	100	--	--
Williams (SC)	124	159.0	40.10	.90	--	--	--	--	--	--	--	100	--	--
South Carolina Pub Serv Auth	359	152.9	39.43	1.16	--	--	--	--	--	--	--	100	--	--
Cross (SC)	57	169.1	40.87	1.05	--	--	--	--	--	--	--	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, January 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			
South Carolina Pub Serv Auth														
Grainger (SC)	16	147.1	36.65	1.42	--	--	--	--	--	--	--	100	--	--
Jefferies (SC)	15	137.9	36.69	1.55	--	--	--	--	--	--	--	100	--	--
Winyah (SC)	270	150.8	39.44	1.15	--	--	--	--	--	--	--	100	--	--
Southern California Edison Co														
Alamitos (CA)	470	109.6	23.91	.50	--	--	--	--	17,411	311.2	3.24	36	--	64
Cool Water (CA)	--	--	--	--	--	--	--	--	4,171	312.9	3.21	--	--	100
El Segundo (CA)	--	--	--	--	--	--	--	--	914	249.9	2.64	--	--	100
Etiwanda (CA)	--	--	--	--	--	--	--	--	1,696	316.5	3.28	--	--	100
Huntington Beach (CA)	--	--	--	--	--	--	--	--	1,162	317.0	3.25	--	--	100
Long Beach (CA)	--	--	--	--	--	--	--	--	821	297.5	3.08	--	--	100
Mandalay (CA)	--	--	--	--	--	--	--	--	436	317.0	3.27	--	--	100
Mohave (NV)	470	109.6	23.91	.50	--	--	--	--	330	313.7	3.34	--	--	100
Ormond Beach (CA)	--	--	--	--	--	--	--	--	192	301.2	3.07	98	--	2
Redondo (CA)	--	--	--	--	--	--	--	--	5,806	317.0	3.35	--	--	100
San Bernardino (CA)	--	--	--	--	--	--	--	--	1,832	315.9	3.29	--	--	100
	--	--	--	--	--	--	--	--	49	317.0	3.25	--	--	100
Southern Indiana Gas & Elec Co														
A B Brown (IN)	209	143.7	31.88	2.73	*	474.1	27.68	0.39	9	286.6	2.94	100	*	*
Culley (IN)	79	171.3	39.61	3.76	--	--	--	--	7	286.6	2.94	100	--	*
Warrick (IN)	80	135.3	29.19	2.03	*	474.1	27.68	.39	1	286.6	2.94	100	*	*
	49	109.8	23.79	2.21	--	--	--	--	2	286.6	2.94	100	--	*
Southwestern Electric Power Co ...														
Flint Creek (AR)	733	141.5	22.09	.57	--	--	--	--	429	683.3	5.92	97	--	3
Lone Star (TX)	134	130.4	21.75	.35	--	--	--	--	--	--	--	100	--	--
Pirkey (TX)	--	--	--	--	--	--	--	--	300	809.1	6.63	--	--	100
Welsh Station (TX)	252	106.3	14.31	1.00	--	--	--	--	2	270.0	2.92	100	--	*
Wilkes (TX)	347	166.4	27.87	.34	--	--	--	--	--	--	--	100	--	--
	--	--	--	--	--	--	--	--	127	439.7	4.27	--	--	100
Southwestern Public Service Co														
Cunningham (NM)	773	186.3	32.57	.30	--	--	--	--	2,538	212.0	2.13	84	--	16
Harrington (TX)	--	--	--	--	--	--	--	--	712	213.6	2.18	--	--	100
Jones (TX)	388	172.3	30.21	.30	--	--	--	--	8	265.0	2.58	100	--	*
Nichols (TX)	--	--	--	--	--	--	--	--	1,223	208.1	2.10	--	--	100
Plant X (TX)	--	--	--	--	--	--	--	--	494	213.4	2.08	--	--	100
Tolk (TX)	--	--	--	--	--	--	--	--	100	236.8	2.38	--	--	100
	385	200.5	34.95	.31	--	--	--	--	1	265.0	2.69	100	--	*
Springfield City of														
James River (MO)	41	135.6	31.12	2.43	--	--	--	--	7	220.0	2.24	99	--	1
Southwest (MO)	6	136.2	31.18	2.37	--	--	--	--	2	220.0	2.24	98	--	2
	36	135.5	31.11	2.44	--	--	--	--	5	220.0	2.24	99	--	1
Springfield City of														
Dallman (IL)	81	113.6	23.37	3.00	--	--	--	--	--	--	--	100	--	--
Lakeside (IL)	74	113.6	23.37	3.00	--	--	--	--	--	--	--	100	--	--
	6	113.6	23.37	3.00	--	--	--	--	--	--	--	100	--	--
St Joseph Light & Power Co														
Lakeroad (MO)	4	140.4	33.08	3.61	7	131.2	8.58	2.82	19	266.5	2.69	59	29	12
	4	140.4	33.08	3.61	7	131.2	8.58	2.82	19	266.5	2.69	59	29	12
Sunflower Electric Coop Inc														
Holcomb (KS)	135	110.0	18.70	.36	--	--	--	--	9	275.0	2.20	100	--	*
	135	110.0	18.70	.36	--	--	--	--	9	275.0	2.20	100	--	*
Tacoma City of														
Steam No.2 (WA)	6	179.7	36.34	.51	*	558.0	32.34	.50	2	352.0	3.70	98	*	2
	6	179.7	36.34	.51	*	558.0	32.34	.50	2	352.0	3.70	98	*	2
Tallahassee City of														
Hopkins (FL)	--	--	--	--	--	--	--	--	914	262.0	2.74	--	--	100
Purdom (FL)	--	--	--	--	--	--	--	--	838	262.0	2.74	--	--	100
	--	--	--	--	--	--	--	--	76	262.0	2.74	--	--	100
Tampa Electric Co														
Big Bend (FL)	564	187.9	46.05	2.10	14	417.3	24.44	.07	--	--	--	99	1	--
Davant Transfer (LA)	--	--	--	--	9	422.2	24.81	.00	--	--	--	--	100	--
Gannon (FL)	498	181.3	44.21	2.22	--	--	--	--	--	--	--	100	--	--
	66	235.6	59.99	1.21	5	409.3	23.84	.18	--	--	--	98	2	--
Taunton City of														
Cleary (MA)	--	--	--	--	2	267.6	16.91	2.20	10	318.8	3.26	--	57	43
	--	--	--	--	2	267.6	16.91	2.20	10	318.8	3.26	--	57	43

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, January 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
		(Cents per 10 ⁶ Btu)	(\$ per short ton)			(Cents per 10 ⁶ Btu)	\$ per bbl			(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf		
Tennessee Valley Authority	4,403	121.2	28.99	2.13	32	435.5	25.29	0.50	--	--	--	100	*	--
Allen (TN)	199	120.4	28.58	2.06	2	463.5	27.02	.50	--	--	--	100	*	--
Bull Run (TN)	251	122.5	31.99	1.11	6	419.4	24.29	.50	--	--	--	99	1	--
Colbert (AL)	389	125.7	29.97	1.55	2	511.4	29.08	.50	--	--	--	100	*	--
Cumberland (TN)	668	121.3	28.42	2.65	6	407.9	23.94	.50	--	--	--	100	*	--
Gallatin (TN)	220	123.7	29.52	2.52	1	510.5	29.74	.50	--	--	--	100	*	--
Johnsonville (TN)	453	129.4	31.21	1.73	3	548.4	31.95	.50	--	--	--	100	*	--
Kingston (TN)	477	126.6	31.89	1.27	1	399.1	23.10	.50	--	--	--	100	*	--
Paradise (KY)	801	110.0	24.60	3.44	4	400.1	23.34	.50	--	--	--	100	*	--
Sevier (TN)	197	122.3	31.33	1.15	1	409.4	23.77	.50	--	--	--	100	*	--
Shawnee (KY)	422	123.6	29.91	1.29	3	400.0	23.10	.50	--	--	--	100	*	--
Widows Creek (AL)	326	115.5	27.47	2.58	3	402.1	23.17	.50	--	--	--	100	*	--
Terrabonne Parrish Con	--	--	--	--	--	--	--	--	118	212.5	2.23	--	--	100
Houma (LA)	--	--	--	--	--	--	--	--	118	212.5	2.23	--	--	100
Texas Municipal Power Agency	317	180.5	17.67	1.54	--	--	--	--	4	207.0	2.07	100	--	*
Gibbons Creek (TX)	317	180.5	17.67	1.54	--	--	--	--	4	207.0	2.07	100	--	*
Texas New Mexico Power Co	156	155.2	20.77	1.04	--	--	--	--	11	225.1	2.34	99	--	1
TNP One (Tx)	156	155.2	20.77	1.04	--	--	--	--	11	225.1	2.34	99	--	1
Texas Utilities Electric Co	2,799	91.9	11.60	.90	14	389.0	22.55	.50	24,956	271.0	2.78	58	*	42
Big Brown (TX)	388	101.1	13.62	.88	--	--	--	--	160	271.0	2.75	97	--	3
Collin (TX)	--	--	--	--	--	--	--	--	207	271.0	2.81	--	--	100
Decordova (TX)	--	--	--	--	--	--	--	--	3,834	271.0	2.75	--	--	100
Eagle Mountain (TX)	--	--	--	--	--	--	--	--	420	271.0	2.85	--	--	100
Graham (TX)	--	--	--	--	--	--	--	--	1,876	271.0	2.88	--	--	100
Handley (TX)	--	--	--	--	--	--	--	--	589	271.0	2.87	--	--	100
Lake Hubbard (TX)	--	--	--	--	--	--	--	--	1,200	271.0	2.76	--	--	100
Martin Lake (TX)	1,237	72.9	9.46	1.08	10	389.0	22.55	.50	--	--	--	100	*	--
Monticello (TX)	809	110.1	12.87	.53	4	389.0	22.55	.50	--	--	--	100	*	--
Morgan Creek (TX)	--	--	--	--	--	--	--	--	2,108	271.0	2.75	--	--	100
Mountain Creek (TX)	--	--	--	--	--	--	--	--	2,515	271.0	2.78	--	--	100
North Lake (TX)	--	--	--	--	--	--	--	--	1,080	271.0	2.77	--	--	100
North Main (TX)	--	--	--	--	--	--	--	--	4	271.0	2.81	--	--	100
Permian Basin (TX)	--	--	--	--	--	--	--	--	2,620	271.0	2.73	--	--	100
Sandow No 4 (TX)	365	110.8	13.89	1.10	--	--	--	--	--	--	--	100	--	--
Stryker (TX)	--	--	--	--	--	--	--	--	940	271.0	2.81	--	--	100
Tradinghouse (TX)	--	--	--	--	--	--	--	--	5,419	271.0	2.79	--	--	100
Trinidad (TX)	--	--	--	--	--	--	--	--	17	271.0	3.01	--	--	100
Valley (TX)	--	--	--	--	--	--	--	--	1,967	271.0	2.80	--	--	100
Toledo Edison Co	73	192.3	49.62	1.24	--	--	--	--	1	437.7	4.49	100	--	*
Acme (OH)	--	--	--	--	--	--	--	--	1	437.7	4.49	--	--	100
Bay Shore (OH)	73	192.3	49.62	1.24	--	--	--	--	--	--	--	100	--	--
Tri State Gen & Trans Assn, Inc	361	110.3	22.19	.39	--	--	--	--	10	203.8	2.14	100	--	*
Craig (CO)	324	111.7	22.88	.36	--	--	--	--	10	203.8	2.14	100	--	*
Nucla (CO)	37	95.2	16.12	.68	--	--	--	--	--	--	--	100	--	--
Tucson Electric Power Co	251	178.3	32.61	.59	--	--	--	--	14	340.5	3.50	100	--	*
Irvington (AZ)	20	227.3	46.94	.45	--	--	--	--	14	340.5	3.50	97	--	3
Springerville (AZ)	231	173.5	31.37	.60	--	--	--	--	--	--	--	100	--	--
Union Electric Co	777	137.4	28.37	1.44	15	397.1	22.85	.29	19	275.7	2.82	99	1	*
Labadie (MO)	442	110.5	21.90	1.30	12	398.1	22.91	.29	--	--	--	99	1	--
Meramec (MO)	17	211.7	49.43	1.28	--	--	--	--	8	275.2	2.81	98	--	2
Rush Island (MO)	206	165.2	34.72	1.06	3	393.1	22.62	.29	--	--	--	100	*	--
Sioux (MO)	112	170.7	39.04	2.69	--	--	--	--	--	--	--	100	--	--
Venice No.2 (IL)	--	--	--	--	--	--	--	--	11	276.1	2.83	--	--	100
United Illuminating Co	70	169.2	44.58	.59	393	236.4	15.12	.97	--	--	--	42	58	--
Bridgeport Harbor (CT)	70	169.2	44.58	.59	44	243.8	15.59	.94	--	--	--	87	13	--
New Haven Hbr (CT)	--	--	--	--	349	235.4	15.06	.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, January 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)			
United Power Assn	82	66.0	8.93	0.65	--	--	--	--	--	--	--	100	--	--
Stanton (ND)	82	66.0	8.93	.65	--	--	--	--	--	--	--	100	--	--
Vero Beach City of	--	--	--	--	--	--	--	--	198	249.7	2.56	--	--	100
Vero Beach (FL)	--	--	--	--	--	--	--	--	198	249.7	2.56	--	--	100
Vineland City of	--	--	--	--	19	279.0	17.77	0.91	--	--	--	--	100	--
H M Down (NJ)	--	--	--	--	19	279.0	17.77	.91	--	--	--	--	100	--
Virginia Electric & Power Co	874	147.4	37.30	1.30	2	438.0	25.75	.20	1,861	248.8	2.57	92	*	8
Bremo Bluff (VA)	36	147.8	37.11	.90	1	439.2	25.82	.20	--	--	--	100	*	--
Chesapeake Energy (VA)	107	150.7	39.09	1.05	--	--	--	--	*	599.6	6.24	100	--	*
Chesterfield (VA)	273	142.3	36.25	.93	2	437.6	25.73	.20	1,861	247.2	2.55	78	*	22
Mount Storm (WV)	342	146.8	36.51	1.74	--	--	--	--	--	--	--	100	--	--
Possum Point (VA)	55	155.6	39.34	1.05	--	--	--	--	--	--	--	100	--	--
Yorktown (VA)	60	160.5	41.70	1.46	--	--	--	--	*	7,290.0	75.82	100	--	*
West Penn Power Co	547	148.2	37.83	2.22	4	435.6	25.79	.27	4	424.3	4.24	100	*	*
Armstrong (PA)	78	121.4	30.05	1.92	*	409.6	24.26	.27	--	--	--	100	*	--
Hatfield (PA)	415	155.1	39.91	2.23	2	433.8	25.69	.27	--	--	--	100	*	--
Mitchell (PA)	54	132.5	33.05	2.60	1	525.4	31.11	.27	4	424.3	4.24	99	*	*
Springdale (PA)	--	--	--	--	1	385.0	22.80	.27	--	--	--	--	100	--
West Texas Utilities Co	268	155.0	25.88	.35	--	--	--	--	2,614	254.9	2.58	63	--	37
Fort Phantom (TX)	--	--	--	--	--	--	--	--	1,237	245.9	2.48	--	--	100
Oak Creek (TX)	--	--	--	--	--	--	--	--	314	195.9	1.96	--	--	100
Oklahoma (TX)	268	155.0	25.88	.35	--	--	--	--	--	--	--	100	--	--
Paint Creek (TX)	--	--	--	--	--	--	--	--	3	375.6	3.85	--	--	100
Rio Pecos (TX)	--	--	--	--	--	--	--	--	645	200.0	1.90	--	--	100
San Angelo (TX)	--	--	--	--	--	--	--	--	415	388.6	4.42	--	--	100
Western Farmers Elec Coop Inc	137	171.8	28.68	.43	--	--	--	--	974	220.5	2.25	70	--	30
Anadarko (OK)	--	--	--	--	--	--	--	--	974	220.5	2.25	--	--	100
Hugo (OK)	137	171.8	28.68	.43	--	--	--	--	--	--	--	100	--	--
Western Massachusetts Elec Co	--	--	--	--	2	482.2	28.21	.30	2	268.0	2.74	--	84	16
West Springfield (MA)	--	--	--	--	2	482.2	28.21	.30	2	268.0	2.74	--	84	16
Wisconsin Electric Power Co	500	100.4	19.06	.40	2	422.0	24.64	.28	75	277.2	2.82	99	*	1
Oak Creek (WI)	123	154.8	38.36	.53	--	--	--	--	50	272.4	2.77	98	--	2
Pleasant Prairie (WI)	377	74.7	12.77	.36	--	--	--	--	21	279.1	2.84	100	--	*
Presque Isle (MI)	--	--	--	--	2	422.0	24.64	.28	--	--	--	--	100	--
Valley (WI)	--	--	--	--	--	--	--	--	4	324.9	3.28	--	--	100
Wisconsin Power & Light Co	522	130.0	23.31	.58	5	403.8	23.74	.00	--	--	--	100	*	--
Columbia (WI)	314	124.5	21.62	.46	5	407.1	23.94	.00	--	--	--	100	*	--
Edgewater (WI)	192	131.2	24.25	.66	--	--	--	--	--	--	--	100	--	--
Nelson Dewey (WI)	--	--	--	--	*	435.7	25.62	.00	--	--	--	--	100	--
Rock River (WI)	16	204.0	45.54	2.05	*	335.7	19.74	.00	--	--	--	99	1	--
Wisconsin Public Service Corp	180	132.2	24.66	.39	7	462.6	26.81	.22	27	381.6	3.87	98	1	1
Pulliam (WI)	57	136.9	29.07	.49	--	--	--	--	22	403.6	4.10	98	--	2
Weston (WI)	123	129.6	22.61	.34	7	462.6	26.81	.22	5	284.7	2.88	98	2	*
Wyandotte Municipal Serv Comm	--	--	--	--	--	--	--	--	98	210.0	2.10	--	--	100
Wyandotte (MI)	--	--	--	--	--	--	--	--	98	210.0	2.10	--	--	100
U.S. Total	65,219	138.5	28.69	1.27	9,026	259.1	16.37	1.10	159,318	267.3	2.73	86	4	10

¹ The January 1993 petroleum coke receipts were 58,250 short tons and the cost was 64.7 cents per million Btu.

² Monetary values are expressed in nominal terms.

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

* Less than 0.05.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1993 are preliminary. •Mcf=thousand cubic feet and bbl=barrel. •Holding Companies are: AEP is American Electric Power, APS is Allegheny Power System, ACE is Atlantic City Electric, CSW is Central & South West Corporation, CES is Commonwealth Energy System, DMV is Delmarva, EU is Eastern Utilities Associates Company, GPS is General Public Utilities, MSU is Middle South Utilities, NEES is New England Electric System, NU is Northeast Utilities, SC is Southern Company, TU is Texas Utilities.

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

Appendix A

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

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

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

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

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

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

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

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

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

Data Sources

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

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

Date	Time	Area	Utility/Power Pool (NERC Council)	Type of Disturbance	Loss (megawatt)	Number of Customers Affected	Restoration Time
1/01/93	10 19 AM	Portola, CA	Plumas-Sierra Rural Electric Coop (WSCC)	¹ Line Fault	16	5,592	10 21 AM Same Day
1/01/93	11 19 AM	Portola, CA	Plumas-Sierra Rural Electric Coop (WSCC)	² Line outage	16	5,492	11 33 AM Same Day
1/01/93	2 14 PM	Portola, CA	Plumas-Sierra Rural Electric Coop (WSCC)	³ Line fault	16	5,492	3 23 PM Same Day
1/04/93	5 26 PM	Puget Sound area WA	Bonneville Power Administration (WSCC)	⁴ Circuit Bkr	514	NA	5 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	PUD 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

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 Watertown, 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.

Notes: •Under the Code of Federal Regulations (10 CFR Part 205) and published in the **Federal Register** of October 31, 1986, the United States Department of Energy does not receive reports of distribution system outages that are local in nature and affect only a small area or a small number of customers, the following abbreviations may be applicable:

PAST: Pacific Advanced Standard Time.

EDT: Eastern Daylight Time.

EST: Eastern Standard Time.

Int: Interruption of service.

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

Appendix B

References

Appendix B

References

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Appendix C

Technical Notes

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. As of January 1991, the collection of data on the FERC Form 423 has been extended to include combined-cycle units. Historical data have not been revised to include these units.

Data Processing. A computerized mailing-address file is used to send a 6-month supply of forms to respondents semiannually. Completed forms are to be returned to the EIA by the 45th day following the end of the reporting month. Data from the completed forms are manually logged in and edited before being key-punched for automatic data processing. 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 have been 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*. After the *EPM* is cleared by the EIA, the data become available for public use, on a cost-recovery basis, through custom computer runs, data tapes, 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,
- Net 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 CNEAF office has adopted the following policy with respect to the revision and correction of data published in energy data reports and made available in a machine format:

1. All data collected by this office (excluding secondary source data) will be published as preliminary data when first appearing in an energy data report.
2. The next publication of the data will be in final form at which point the data base is closed.
3. Revisions or corrections will be made only in the event a substantial (greater than 1 percent at the U.S. level) reporting change is received or a substantial (greater than 1 percent at the U.S. level) error is discovered.
4. Revisions or corrections to published secondary source data will be made if and when the organization from which the data were received revises or corrects the data.
5. No revisions will be made without the approval of the Director, Survey Management Division.

A comparison of preliminary versus final published data is provided in Table C2.

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, January 1993

Census Division and State	Coal (Btu per ton)	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	26,150,874	6,368,894	1,023,893
Connecticut	26,356,572	6,365,984	1,030,000
Maine	--	5,850,642	--
Massachusetts	25,924,410	6,371,972	1,023,241
New Hampshire	26,615,636	5,773,634	--
Rhode Island	--	--	--
Vermont	--	--	988,000
Middle Atlantic	25,208,312	6,320,866	1,030,159
New Jersey	26,634,398	6,257,794	1,034,094
New York	25,920,010	6,343,382	1,030,111
Pennsylvania	24,904,760	6,298,734	1,029,811
East North Central	21,990,904	6,089,162	625,104
Illinois	20,921,370	6,235,513	1,015,214
Indiana	20,950,215	5,756,850	1,002,497
Michigan	23,290,204	5,995,459	* 273,748
Ohio	24,008,728	5,797,285	1,029,668
Wisconsin	18,368,329	5,834,152	1,012,697
West North Central	16,750,805	5,879,577	986,504
Iowa	16,819,160	5,793,691	1,002,315
Kansas	17,387,154	5,796,000	977,446
Minnesota	17,684,738	5,790,143	1,025,009
Missouri	19,995,198	5,986,948	1,009,086
Nebraska	17,166,088	5,777,908	959,103
North Dakota	13,142,066	5,767,669	--
South Dakota	12,168,000	5,880,000	--
South Atlantic	24,903,333	6,337,088	1,012,535
Delaware	26,089,256	6,377,716	1,034,707
District of Columbia	--	5,786,214	--
Florida	24,616,724	6,368,175	1,007,988
Georgia	24,026,812	5,817,000	1,022,886
Maryland	25,334,242	6,229,938	1,033,574
North Carolina	24,919,496	5,814,372	1,034,000
South Carolina	25,693,922	5,796,000	1,021,557
Virginia	25,555,594	5,797,586	1,033,002
West Virginia	25,153,761	5,808,307	1,000,000
East South Central	23,858,856	5,818,973	1,014,184
Alabama	23,970,572	5,752,892	1,023,529
Kentucky	23,348,107	5,845,433	1,013,333
Mississippi	24,145,194	5,811,015	1,006,751
Tennessee	24,409,962	5,826,094	--
West South Central	15,134,597	6,290,896	1,028,651
Arkansas	17,395,834	5,743,955	1,098,483
Louisiana	16,151,107	6,451,944	1,048,410
Oklahoma	17,280,676	--	1,036,699
Texas	14,289,156	5,875,537	1,024,205
Mountain	19,360,628	6,213,886	1,030,121
Arizona	20,446,088	5,776,008	1,025,005
Colorado	19,509,046	--	1,003,187
Idaho	--	--	--
Montana	16,965,540	5,922,000	1,193,903
Nevada	21,867,618	6,240,196	1,025,738
New Mexico	17,987,392	5,712,000	1,024,190
Utah	22,740,902	5,796,000	1,061,000
Wyoming	17,670,513	5,828,133	1,064,000
Pacific Contiguous	16,808,717	6,278,636	1,032,285
California	--	6,279,000	1,032,858
Oregon	17,959,600	--	1,011,000
Washington	16,438,548	5,796,000	1,050,000
Pacific Noncontiguous	--	6,274,593	1,001,317
Alaska	--	--	1,001,317
Hawaii	--	6,274,593	--
U.S. Average	20,710,656	6,318,233	1,019,551

* Consists mostly of blast furnace gas which has a heat content of 79,000 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. Comparison of Preliminary Versus Final Published Data at the U.S. Level, 1992

Item	Preliminary	Final	Change (Percent)
Generation (million kilowatthours)			
Coal	1,575,313	1,575,895	0.04
Petroleum	88,487	88,916	.48
Gas	263,690	263,872	.07
Hydroelectric	239,470	239,559	.04
Nuclear	618,806	618,776	.00
Other ¹	10,198	10,200	.02
Total	2,795,964	2,797,219	.04
Consumption			
Coal(1,000 short tons)	779,830	779,860	.00
Petroleum(1,000 barrels)	146,631	147,335	.48
Gas(million cubic feet)	2,765,063	2,765,608	.02
Stocks²			
Coal(1,000 short tons)	153,846	154,130	.18
Petroleum(1,000 barrels)	71,834	71,849	.02
Sales (million kilowatthours)			
Residential	933,510	934,044	.06
Commercial	763,210	763,664	.06
Industrial	965,265	965,356	.00
Other ³	93,868	94,003	.14
Total	2,755,853	2,757,067	.04
Revenue (million dollars)			
Residential	76,871	76,907	.05
Commercial	58,256	58,273	.03
Industrial	46,788	46,770	-.04
Other ³	6,244	6,260	.26
Total	188,158	188,209	.03
Average Revenue per Kilowatthour (cents)			
Residential	8.2	8.2	.00
Commercial	7.6	7.6	.00
Industrial	4.8	4.8	.00
Other ³	6.7	6.7	.00
Total	6.8	6.8	.00

¹ Includes geothermal, wood, waste, and solar.

² Stocks are shown as of December 31 of each year.

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

* Value less than 0.01.

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

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report," Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

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.

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

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

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

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

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

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

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

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

Wheeling Service: The movement of electricity from one system to another over transmission facilities of intervening systems. Wheeling service contracts can be established between two or more systems.

Year to Date: The cumulative sum of each month's value starting with January and ending with the current month of the data.

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