DOE/EIA--0226(90/09)

DE91 005505

Electric Power Monthly

September 1990

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

MASTER

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The *Electric Power Monthly* (ISSN 0732-2305) is published monthly by the Energy Information Administration, 1000 Independence Avenue, SW, Washington, DC 20585, and sells for \$66.00 per year (price subject to change without advance notice). Second-class postage paid at Washington, DC 20066-9998, and additional mailing offices. POSTMASTER: Send address changes to *Electric Power Monthly*, Energy Information Administration, EI-231, 1000 Independence Avenue, SW, Washington, DC 20585.

Preface

The *Electric Power Monthly (EPM)* presents monthly summaries of electric utility statistics at the national, Census division, and State level. 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.

Background

The *EPM* is prepared by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), Department of Energy. This publication provides monthly statistics at the national, Census division, and State levels for net generation, fuel consumption, fuel stocks, quantity and quality of fuel, cost of fuel, electricity sales, and average revenue per kilowatthour of electricity sold. Data on net generation are also displayed at the North American Electric Reliability Council (NERC) region level. Additionally, company and plant level information are published in the *EPM* on capability of new plants, net generation, fuel consumption, fuel stocks, quantity and quality of fuel, and cost of fuel.

Quantity, quality, and cost of fuel data lag the net generation, fuel consumption, fuel stocks, electricity sales, and average revenue per kilowatthour data by 1 month. This difference in reporting appears in the national, Census division, and State level tables. However, at the plant level, all statistics presented are for the earlier month for the purpose of comparison.

More information can be obtained by writing or calling the National Energy Information Center, EI-231, Forrestal Building, Washington, DC 20585, (202) 586-8800.

The 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.

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 the Form IE-417R, "Electric Power System Emergency Report." 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 (except those having plants solely on standby--approximately 800) in the United States. There are approximately 3,250 electric utilities in the Nation.

The FERC Form 423, which is a restricted-universe census, is used to collect data from steam-electric power generating plants with a combined generator nameplate capacity of 50 or more megawatts (approximately 225 electric utilities). The threshold of 50 or more megawatts was established by FERC. Data collected on the FERC Form 423 include quantity, quality, delivered price, origin, mine type, fuel type, supplier, and purchase type of all fossil fuel receipts.

The Form EIA-826 is used to collect sales and revenue data in the residential, commercial, industrial, and other sectors. Other sales data collected include public street and highway lighting, other sales 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 privately 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 and revenue per kilowatthour for all U.S. electric utilities by end-use sector. These estimates are provided at the State, Census division, and national levels. Estimates of coeffi-

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

The Form IE-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 International Affairs and Energy Emergencies within the Department of Energy.

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The Month in Review

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

September 1990 -- Generation, Sales, Average Revenue per Kilowatthour

Generation. Total U.S. net generation of electricity in September 1990 was 238 billion kilowatthours (Table 2), 5 percent above the amount reported during September 1989. Temperatures that were warmer than those of 1989 by 25 percent and warmer than normal by 15 percent across the Nation contributed to the higher generation levels during the month. For the twelfth consecutive month, nuclear generation levels were higher than the corresponding monthly output for the previous year.

Generation from nuclear units continued to show strong gains in output of electricity, producing 8 percent above the level reported during September 1989. Monthly nuclear generation accounted for 20.4 percent of total U.S. generation in September 1990, compared with 19.8 percent for the same period in 1989. Nuclear units in the three largest nuclear-producing Census divisions (South Atlantic, East North Central, and Middle Atlantic) generated a combined 29 billion kilowatthours, 60 percent of total nuclear-powered generation for the Nation (Table 15).

Generation from coal and gas reached higher levels during the month, compared with September 1989 (7 and 11 percent, respectively). Electricity produced from coal-fired plants was 135 billion kilowatthours, 9 billion kilowatthours above the amount produced during September last year (Table 2). Net generation from gas-fired plants was 28 billion kilowatthours, 3 billion kilowatthours above the amount produced during September 1989. Production of electricity from gas-fired plants in the West South Central Census Division (the largest consumer of electric utility gas) was 18 percent above the amount reported during the corresponding period in 1989 (Table 11).

Petroleum-fired plants produced 8 billion kilowatthours of electricity, 21 percent below the level reported during the same period in 1989, and the lowest monthly level since May 1988. The share of total U.S. generation from petroleum-fired plants was 3.4 percent, compared with 4.4 percent in September 1989. This was also the lowest share of total U.S. generation in nearly 3 years (its share was 3.4 percent in October 1987). Most of the petroleum-fired plants in the Nation are located along the eastern seaboard, which accounted for 83 percent of the petroleum-fired generation in September 1990.

Generation from hydroelectric plants was 17 billion kilowatthours, 10 percent below the level reported during the corresponding period in 1989, and the lowest monthly level since October 1988 (when it was 15 billion kilowatthours). Hydroelectric plants in the Pa-

cific Contiguous Census Division, which provided 52 percent of total U.S. hydroelectric generation during the month, reported 4 percent less production in September 1990 than during September 1989. This is largely a result of the 15-percent decline in hydroelectric generation in California resulting from continued dry conditions. The 1989 water year (October 1989 through September 1990) was the sixth driest on record for the California basin.¹ The East South Central Census Division experienced a 42-percent drop in generation from the same time last year; generation in Alabama and Tennessee declined 50 and 39 percent, respectively. The reason for this decline is the change from moist water conditions in 1989 to moderately dry water conditions in September 1990.²

Sales. During September 1990, sales of electricity to ultimate consumers in the United States were 243 billion kilowatthours (Table 2), 11 billion kilowatthours more than during September 1989. All end-use sectors had higher levels of sales compared with levels a year ago.

Sales of electricity during September 1990 in the residential sector were 85 billion kilowatthours (8 percent more than the level reported for the same month last year). Residential sales were the highest in the South Atlantic Census Division at 20 billion kilowatthours (Table 41), and represented 24 percent of total U.S. sales for this sector. In the commercial sector, sales were 69 billion kilowatthours, 6 percent more than a year ago. At the Census division level, commercial sales were highest in the South Atlantic Census Division at 14 billion kilowatthours, 4 percent higher than during September 1989. Industrial sales reached 81 billion kilowatthours, 1 percent more than a year ago. The highest industrial sales for September 1990 occurred in the East North Central Census Division at 17 billion kilowatthours, 4 percent more than the level reported for the same month last year.

Average Revenue per Kilowatthour. Average revenue per kilowatthour for electricity sold to ultimate consumers in the United States during September 1990 was 6.9 cents (Table 2), about the same as August 1990. Average revenue per kilowatthour in the residential and the commercial sectors was 8.2 and 7.5 cents, respectively (about the same as the August 1990 level for both sectors). Average revenue per kilowatthour in the industrial sector was 5.0 cents, unchanged from August 1990.

During September 1990, average revenue per kilowatthour for electricity sold in the residential sector was the highest in the Middle Atlantic Census Division at 10.9 cents (Table 45). In the commercial sector, the highest average revenue per kilowatthour (9.8 cents) was also reported for the Middle Atlantic Census

¹United States Department of the Interior, Geological Survey, *National Water Conditions*, (Washington, DC, September 1990).

²United States Department of the Interior, Geological Survey, *National Water Conditions*, (Washington, DC, September 1989 and 1990).

Division, followed by the New England and Pacific Noncontiguous Census Divisions (9.2 cents, each). The highest average revenue per kilowatthour in the industrial sector occurred in the New England Census Division at 7.6 cents. The lowest average revenue per kilowatthour in the residential sector was in the East South Central Census Division at 6.2 cents. The East South Central, West South Central, and West North Central Census Divisions reported the lowest average revenue per kilowatthour (6.3, 6.3, and 6.4, respectively) in the commercial sector. In the industrial sector, the East South Central, West South Central, and Mountain Census Divisions reported the lowest average revenue per kilowatthour (4.4, 4.2, and 4.3, respectively).

August 1990 -- Fuel Receipts/Costs

Coal. Receipts of coal by electric utilities in August 1990 totaled 71 million short tons, an increase of 7 million short tons from the July 1990 level (Table 2). Coal receipts at electric utilities usually reach their highest monthly level in August because of an increase in the consumption of coal in order to meet the high seasonal demand for electricity during the summer months. Receipts of coal for the first eight months of 1990 totaled 524 million short tons, 28 million short tons more than the level during the first eight months of 1989. During August 1990, receipts of coal under contract totaled 59 million short tons, an increase of 6 million short tons from July 1990 (Table 31). Receipts for coal purchased in the spot market were 12 million short tons, an increase of 680 thousand short tons from July 1990.

The average cost of coal delivered to electric utilities in August 1990 was \$30.22 per short ton (Table 32), an increase of \$0.38 from July 1990. The average cost of coal delivered under contract in August was \$30.43 per short ton (Table 31), an increase of \$0.40 per short ton from July 1990. Coal purchased in the spot market and delivered in August 1990 averaged \$29.16 per short ton, an increase of \$0.22 per short ton from July 1990.

Petroleum. The amount of petroleum received by electric utilities in August 1990 was 19 million barrels (Table 33), a decrease of 3 million barrels from July 1990. This decrease in petroleum receipts was due in part to the significant increase in the price of petroleum that occurred as a result of heightened tension in the Middle East because of the Iraqi invasion of Kuwait. The average cost of petroleum delivered to electric utilities in August 1990 was \$21.82 per barrel, an increase of \$6.46 per barrel from July 1990.

Gas. The amount of gas received by electric utilities in August totaled 304 billion cubic feet (Table 37), an increase of 10 billion cubic feet from the level in July 1990 and 22 billion cubic feet more than that during August 1989. Seasonal use of gas by electric utilities, with the highest volumes being typically reported during the summer months, contributed to increased receipts of gas in August versus July 1990. The average cost of gas delivered to electric utilities in August 1990 was \$2.23 per thousand cubic feet (Table 39), an increase of \$0.02 per thousand cubic feet from July 1990 and \$0.15 less than during August 1989.

**Table 1. Newly Added Units by Company, Plant, and State,
January 1990 through September 1990**

Company	Plant	State	Unit Number	Net Summer Capability ¹ (megawatts)	Energy Source	Month
Iowa Electric Light & Power Co	Anamosa	IA	HC1	0.2	Water	March
Painesville City of	Painesville	OH	7	24.2	Coal	March
Public Service Company of New Hampshire	Seabrook	NH	1	1,150.0	Uranium	March
Texas-New Mexico Power Company	TNP ONE	TX	1	142.0	Coal	March
Century Power Corp	Springerville	AZ	0002	360.0	Coal	April
Texas Utilities Electric Company	Comanche Peak	TX	1	1150.0	Uranium	April
Virginia Electric & Power Co	Chesterfield	VA	7	60.2	Waste Heat	April
Virginia Electric & Power Co	Chesterfield	VA	7A	119.4	Gas	April
Virginia Electric & Power Co	Darbytown	VA	3,4	146.6	Petroleum	April
Atlantic City Electric Co	Cumberland	NJ	GT1	76.0	Petroleum	May
Iowa Power Inc	Pleasant Hill	IA	1,2	69.0	Petroleum	May
Power Authority of State of NY	Crescent	NY	NA1,NA2	6.0	Water	May
PUD No 2 of Grant County	PEC Headworks	WA	1	6.8	Water	May
Swanton Village of	Highgate Falls	VT	4	4.5	Water	May
Virginia Electric & Power Co	Darbytown	VA	1,2	146.6	Petroleum	May
Central Maine Power Co	Charles E Monty	ME	NA2	13.1	Water	June
Potomac Electric Power Co	SMECO CT	MD	1	68.9	Petroleum	June
Central Maine Power Company	Charles E Monty	ME	NA1	13.1	Water	July
Logan City of	Logan Diesel	UT	IC5A	.9	Petroleum	July
Lubbock City of	L&P Cogen Plant	TX	1	16.9	Gas	July
Pelican Utility Company	Pelican	AK	IC5	.4	Petroleum	July
Sabetha City of	Sabetha	KS	IC10	2.3	Petroleum	July
Iowa Southern Utilities Co	Grinnell	IA	1	18.8	Gas	August
Logan City of	Logan Diesel	UT	IC5B	.9	Petroleum	August
St Joseph Light & Power Co	Lake Road	MO	7	15.8	Petroleum	August
Louisville Gas & Electric Co	Trimble County	KY	1	480.0	Coal	September
Total Capability of Newly Added Units	-	-	-	4,092.5	-	-
Total Capability of Retired Units	-	-	-	969.5	-	-
U.S. Total Capability	-	-	-	687,984.1	-	-

¹ Net summer capability is estimated.

Notes: •These newly added units represent only those units that became operable in January through September 1990. •Totals may not equal sum of components because of independent rounding.

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

Table 2. U.S. Summary Statistics

Items	September 1990 ¹	August 1990 ¹	September 1989 ¹	Year-to-Date		Percent Difference
				1990 ¹	1989 ¹	
Net Generation (Million kWh)²						
Coal	135,248	146,858	126,730	1,166,905	1,158,456	0.7
Petroleum ³	7,981	11,021	10,072	95,726	116,985	-18.2
Gas	28,190	32,584	25,391	205,090	206,086	-.5
Hydroelectric Power ⁴	16,969	21,046	18,919	217,346	201,977	7.6
Nuclear Power	48,405	55,761	44,837	436,773	391,614	11.5
Other Sources ⁵	875	915	909	7,961	8,454	-5.8
Total	237,668	238,186	226,848	2,129,809	2,083,571	2.2
Consumption						
Coal (1,000 short tons)	66,948	73,200	62,889	577,716	572,115	1.0
Petroleum (1,000 barrels) ⁶	13,354	18,453	17,168	160,499	196,447	-18.3
Gas (1,000 Mcf)	299,575	346,438	266,052	2,159,890	2,158,052	.1
Stocks (end-of-month)						
Coal (1,000 short tons)	149,120	151,996	135,629	-	-	-
Petroleum (1,000 barrels) ⁷	75,873	72,692	69,171	-	-	-
Sales (Million kWh)⁸						
Residential	85,329	88,553	78,725	707,019	688,394	2.7
Commercial	69,210	71,357	65,532	569,822	548,160	4.0
Industrial	80,723	83,465	79,845	702,579	693,730	1.3
Other ⁹	8,005	8,460	7,824	71,028	68,304	4.0
Total	243,268	251,834	231,926	2,050,448	1,998,588	2.6
Average Revenue per Kilowatthour (Cents)¹⁰						
Residential	8.19	8.26	8.02	7.86	7.68	2.3
Commercial	7.50	7.53	7.46	7.33	7.24	1.2
Industrial	4.98	4.98	4.90	4.77	4.72	1.1
Other ⁹	6.46	6.16	6.09	6.17	6.08	1.5
Total	6.87	6.90	6.70	6.59	6.46	2.0
	August 1990 ¹¹	July 1990 ¹¹	August 1989 ¹¹	1990 ¹¹	1989 ¹¹	Percent Difference
Receipts¹²						
Coal (1,000 short tons)	70,571	63,427	70,147	523,883	496,015	5.6
Petroleum (1,000 barrels) ¹³	19,320	22,788	20,563	152,845	172,675	-11.5
Gas (1,000 Mcf) ¹⁴	304,424	294,672	282,481	1,674,235	1,692,057	-1.1
Cost (cents/million Btu)¹⁵						
Coal	144.5	144.3	144.7	145.8	144.4	1.0
Petroleum ¹⁶	346.2	243.8	268.9	304.2	280.2	8.5
Gas ¹⁴	215.9	214.6	230.6	225.7	232.8	-3.0

¹ Values for net generation, consumption, stocks for 1989 are revised and for 1990 are preliminary; 1989 and 1990 values for sales and average revenue per kilowatthour have been revised; for further information, see the technical notes. Note that 1990 data, however, are still considered preliminary.

² Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

³ Petroleum coke is included in petroleum.

⁴ Station losses include energy used for pumped storage. Energy used as of September 1990 for pumping was 2,085 million kilowatthours.

⁵ Other energy sources include geothermal, wood, wind, waste, and solar.

⁶ The September 1990 petroleum coke consumption was 78,554 short tons.

⁷ The September 1990 petroleum coke stocks were 95,402 short tons.

⁸ Beginning with January 1986, monthly electricity sales estimates with new expansion factors are based on a statistically derived sample of both publicly and privately owned electric utilities from data reported on Form EIA-861, "Annual Electric Utility Report." Figures for electricity sales and net generation may not correspond exactly for a particular month. Data on net generation represent a calendar month whereas data on sales represent the utilities' billing cycles, which can vary from 28 to 33 days and which frequently do not correspond exactly to a calendar month. Totals may not equal sum of components because of independent rounding and estimation procedures.

⁹ Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

¹⁰ Beginning with January 1986, monthly national average revenue per kilowatthour estimates are based on a statistically derived sample of both publicly and privately owned electric utilities from data reported on Form EIA-861, "Annual Electric Utility Report." See the technical notes for an explanation of the change in sample design beginning with January 1990 data.

¹¹ Data for 1989 are revised and final. Data for 1990 are preliminary.

¹² Includes Alaska and Hawaii.

¹³ The August 1990 petroleum coke receipts were 55,600 short tons.

¹⁴ Includes small amounts of coke-oven, refinery, and blast-furnace gas.

¹⁵ Average cost of fuel delivered to steam-electric plants with a generator nameplate capacity of 50 or more megawatts. Includes Alaska and Hawaii. Cost values are weighted values.

¹⁶ August 1990 petroleum coke cost was 81.2 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.

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," and predecessor forms.

Figure 1. Net Generation by Energy Source

Note: Other energy sources include geothermal, wood, wind, waste, and solar. Data for 1990 are preliminary.
 Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Figure 2. Year-to-Date Sales of Electricity by Sector at the National Level

January - September 1990 :
 2,050,448 Million Kilowatthours

January - September 1989 :
 1,998,588 Million Kilowatthours

Notes: Other includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales. Sum of components may not add to 100 percent due to independent rounding. Data for 1989 are revised; 1990 data are preliminary.
 Source: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Figure 3. Sales of Electricity by Sector at the National Level

Note: Other sales of electricity accounted for less than 4 percent of total sales in September 1990. Data for 1988 and 1989 are revised; 1990 data are preliminary.
Source: Energy Information Administration, Form EIA-826, 'Monthly Electric Utility Sales and Revenue Report with State Distributions.'

Figure 4. Average Revenue per Kilowatthour by Sector at the National Level

Notes: Total represents average revenue per kilowatthour across all sectors, including other sales, which represented less than 4 percent of total sales in September 1990. Data for 1988 and 1989 are revised; 1990 data are preliminary.

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

Net Generation

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

Table 3. U.S. Net Generation

Year and Month	Total Generation (Million Kilowatthours)	Percent of Total Generation					
		Coal ¹	Petroleum ²	Gas	Hydroelectric	Nuclear	Other ³
1989 ⁴							
January	232,396	58.1	6.6	6.0	9.0	19.9	0.4
February	219,711	57.9	8.1	7.5	8.5	17.6	.4
March	226,580	55.9	7.4	8.8	10.0	17.5	.4
April	207,749	55.5	5.6	10.8	11.6	16.1	.4
May	219,820	54.1	4.5	10.7	12.8	17.4	.4
June	235,394	54.6	5.3	10.4	11.0	18.3	.4
July	256,737	53.9	4.7	11.8	8.8	20.4	.4
August	258,336	54.9	4.3	11.4	7.8	21.3	.4
September	226,848	55.9	4.4	11.2	8.3	19.8	.4
October	219,587	55.7	3.8	11.2	9.1	19.8	.4
November	218,980	56.7	5.2	8.2	9.7	19.8	.4
December	258,627	56.8	8.4	6.3	8.4	19.6	.4
1989 Total	2,780,775	55.8	5.7	9.5	9.5	19.0	.4
1990 ⁵							
January	237,047	55.9	4.9	5.7	9.9	23.3	.4
February	212,717	54.5	4.4	5.9	11.4	23.5	.4
March	225,716	54.5	4.5	7.8	12.4	20.4	.4
April	210,796	55.6	4.8	8.9	12.0	18.3	.4
May	222,563	53.8	4.2	10.2	12.1	19.3	.4
June	248,895	53.2	5.4	11.3	11.1	18.6	.4
July	266,220	54.2	4.8	11.6	8.9	20.2	.3
August	268,186	54.8	4.1	12.1	7.8	20.8	.3
September	237,668	56.9	3.4	11.9	7.1	20.4	.4
Year to Date							
1990 ⁵	2,129,809	54.8	4.5	9.6	10.2	20.5	.4
1989 ⁴	2,083,571	55.6	5.6	9.9	9.7	18.8	.4

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

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

³ Other energy sources include geothermal, wood, wind, waste, and solar.

⁴ Data for 1989 are revised.

⁵ Data for 1990 are preliminary.

Notes: •Totals may not equal sum of components because of independent rounding. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Harris Station is Central Maine Power's largest hydroelectric plant.

Table 4. U.S. Net Generation by Energy Source
(Million Kilowatthours)

Year and Month	Total Generation	Coal ¹	Petroleum ²	Gas	Hydroelectric ³	Nuclear	Other ⁴
1980	2,286,439	1,161,562	245,994	346,240	276,021	251,116	5,506
1981	2,294,812	1,203,203	206,421	345,777	260,684	272,674	6,054
1982	2,241,211	1,192,004	146,797	305,260	309,213	282,773	5,164
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 ⁵							
January	232,396	134,968	15,333	13,876	20,930	46,328	961
February	219,711	127,194	17,748	16,550	18,620	38,725	874
March	226,580	126,706	16,668	19,928	22,642	39,636	1,000
April	207,749	115,271	11,569	22,451	24,077	33,495	886
May	219,820	118,956	9,940	23,595	28,049	38,339	942
June	235,394	128,454	12,591	24,546	25,881	42,976	945
July	256,737	138,467	12,081	30,211	22,670	52,331	977
August	258,336	141,710	10,983	29,548	20,187	54,948	959
September	225,848	126,730	10,072	25,381	18,919	44,837	909
October	219,587	122,212	8,262	24,524	20,076	43,558	956
November	218,980	124,154	11,343	17,971	21,186	43,309	927
December	258,637	147,030	21,652	16,377	21,823	50,784	972
1989 Total	2,780,775	1,551,852	158,241	264,957	265,061	529,355	11,309
1990 ⁶							
January	237,047	132,496	11,515	13,548	23,436	55,119	933
February	212,717	115,898	9,385	12,449	24,162	49,963	861
March	225,716	122,958	10,167	17,509	28,048	46,087	947
April	210,796	117,111	10,142	18,862	25,393	38,516	773
May	222,563	119,644	9,351	22,752	27,002	42,945	868
June	248,895	132,459	13,348	28,238	27,634	46,332	882
July	266,220	144,232	12,815	30,965	23,656	53,645	907
August	268,186	146,858	11,021	32,584	21,046	55,761	915
September	237,668	135,248	7,981	28,190	16,969	48,405	875
Year to Date							
1990 ⁶	2,129,809	1,166,905	95,726	205,098	217,346	436,773	7,961
1989 ⁵	2,083,571	1,158,456	116,985	206,086	201,977	391,614	8,454

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 Station losses include energy used for pumped storage. Energy used as of September '990 was 2,085 million kilowatthours.

⁴ Other energy sources include geothermal, wood, wind, waste, and solar.

⁵ Data for 1989 are revised.

⁶ Data for 1990 are preliminary.

Notes: •Totals may not equal sum of components because of independent rounding. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 5. Net Generation by NERC Region, Alaska, and Hawaii
(Million Kilowatthours)

NERC Region, Alaska, and Hawaii	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
ECAR	39,415	43,597	38,169	364,115	354,012	2.9
ERCOT	17,961	20,594	15,903	145,920	141,922	2.8
MAAC	15,293	17,910	15,262	145,632	144,436	.8
MAIN	17,002	19,015	15,487	152,202	149,419	1.9
MAPP (U.S.)	11,270	12,753	10,059	103,765	100,062	3.7
NPCC (U.S.)	17,848	21,202	18,935	174,046	173,543	.3
SERC	53,480	60,822	51,122	460,122	450,530	2.1
SPP	23,785	26,494	20,901	197,842	189,813	4.2
WSCC (U.S.)	40,593	44,752	40,009	376,949	370,731	1.7
Contiguous U.S.	236,648	267,140	225,647	2,120,593	2,074,468	2.2
Alaska	336	333	326	3,248	3,188	1.9
Hawaii	684	713	674	5,968	5,915	.9
Total	237,668	268,186	226,848	2,129,809	2,083,571	2.2

¹ Data for 1990 are preliminary

² Data for 1989 are revised.

Notes: • Beginning in January 1987, NERC region totals are aggregates for the individual electric utility members of the regional reliability councils, their associates, and member utilities. • Prior to January 1987, NERC region totals were aggregates defined by the physical location of the power plants generating electricity. • Totals may not equal sum of components because of independent rounding. • See Glossary for explanation of acronyms. • Percent difference is calculated before rounding. • Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 6. Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September			Year-to-Date		Percent Difference
	1990 ¹	August 1990 ¹	September 1989 ²	1990 ¹	1989 ²	
New England	7,141	8,558	7,665	70,993	71,547	-0.8
Connecticut	2,421	2,863	2,701	24,489	25,568	-4.2
Maine	788	746	900	7,003	8,720	-19.7
Massachusetts	2,507	3,123	3,120	28,218	28,120	.3
New Hampshire	1,272	1,294	502	7,060	5,517	28.0
Rhode Island	83	96	20	488	318	53.7
Vermont	69	435	423	3,735	3,303	13.1
Middle Atlantic	26,339	30,654	26,237	251,331	240,767	4.4
New Jersey	3,476	3,295	2,997	26,221	31,356	-16.4
New York	10,269	12,157	10,575	97,924	97,176	.8
Pennsylvania	12,593	15,201	12,665	127,186	112,235	13.3
East North Central	40,065	44,682	38,696	368,395	350,716	2.4
Illinois	10,918	11,972	9,758	95,767	95,114	.7
Indiana	8,092	8,957	7,166	74,271	64,564	15.0
Michigan	7,035	7,772	7,567	69,727	68,401	1.9
Ohio	10,121	11,713	10,749	94,658	98,609	-4.0
Wisconsin	3,899	4,267	3,456	33,973	33,028	2.9
West North Central	17,980	20,551	16,380	162,893	159,374	2.2
Iowa	2,323	2,559	2,055	21,622	21,719	-.4
Kansas	3,121	3,461	2,633	25,465	25,869	-1.6
Minnesota	3,100	3,475	2,989	29,281	28,237	3.7
Missouri	5,032	5,743	4,692	44,859	44,133	1.6
Nebraska	1,812	2,194	1,663	16,541	15,099	9.6
North Dakota	1,912	2,396	1,739	20,052	18,696	7.3
South Dakota	680	723	609	5,072	5,621	-9.8
South Atlantic	47,212	52,884	45,340	405,891	406,782	-.2
Delaware	557	694	731	5,516	6,382	-13.6
District of Columbia	25	76	44	345	512	-32.6
Florida	12,210	12,983	12,007	95,000	94,113	.9
Georgia	8,940	10,001	8,090	74,001	70,419	5.1
Maryland	2,451	2,844	2,571	23,113	28,000	-17.5
North Carolina	7,420	8,424	6,834	62,111	65,479	-5.1
South Carolina	5,258	6,588	5,309	51,975	50,667	2.6
Virginia	3,682	4,410	3,630	36,443	31,007	17.5
West Virginia	6,669	6,864	6,124	57,388	60,204	-4.7
East South Central	21,257	24,718	19,978	189,043	181,586	4.1
Alabama	6,765	7,705	6,047	58,527	58,011	.9
Kentucky	4,156	6,926	5,771	56,180	52,811	6.4
Mississippi	2,000	3,116	2,086	19,162	15,818	21.1
Tennessee	6,031	6,971	6,074	55,174	54,946	.4
West South Central	35,207	39,468	30,945	288,489	278,272	3.7
Arkansas	3,543	3,863	2,762	28,532	25,091	13.7
Louisiana	5,626	6,079	4,907	44,291	41,361	7.1
Oklahoma	4,035	4,618	3,656	35,102	33,724	4.1
Texas	22,003	24,908	19,620	180,565	178,096	1.4
Mountain	21,695	22,716	20,198	183,374	176,718	3.8
Arizona	5,853	6,585	4,290	45,543	41,004	11.1
Colorado	2,481	2,807	2,642	23,575	24,118	-2.3
Idaho	804	638	867	6,701	7,208	-7.0
Montana	2,095	1,649	2,352	18,476	18,627	-.8
Nevada	1,957	1,931	1,660	14,234	15,634	-9.0
New Mexico	2,305	2,619	2,776	21,829	21,103	3.4
Utah	2,721	2,812	2,716	24,168	22,613	6.9
Wyoming	3,479	3,675	2,896	28,848	26,410	9.2
Pacific Contiguous	19,752	22,909	20,408	200,183	199,706	.2
California	10,684	11,746	11,502	88,373	101,546	-13.0
Oregon	3,194	3,784	2,972	35,894	33,849	6.0
Washington	5,874	7,379	5,933	75,916	64,311	18.0
Pacific Noncontiguous	1,020	1,046	1,001	9,216	9,103	1.2
Alaska	336	333	326	3,248	3,188	1.9
Hawaii	684	713	674	5,968	5,915	.9
Total	237,668	268,186	226,848	2,129,809	2,083,571	2.2

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 7. Coal-Fired Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Coal Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	1,598	1,506	1,378	12,074	12,476	-3.2	17.0	17.4
Connecticut	210	221	218	1,855	1,509	22.9	7.6	5.9
Maine	-	-	-	-	-	-	-	-
Massachusetts	1,086	980	878	8,218	8,632	-4.8	29.1	30.7
New Hampshire	302	304	280	2,001	2,334	-14.3	28.3	42.3
Rhode Island	-	-	-	-	-	NM	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	11,084	12,138	11,320	101,907	102,662	-0.7	40.5	42.6
New Jersey	561	820	562	5,573	6,392	-12.8	21.3	20.4
New York	2,196	2,297	2,021	18,926	18,712	1.1	19.3	19.3
Pennsylvania	8,328	9,021	8,736	77,409	77,558	-0.2	60.9	69.1
East North Central	29,379	32,446	28,253	272,039	263,394	3.3	73.8	73.2
Illinois	4,214	4,921	4,203	40,866	36,506	12.0	42.7	38.4
Indiana	7,964	8,763	7,037	73,035	63,690	14.7	98.3	98.6
Michigan	5,267	5,608	5,307	48,953	50,043	-2.2	70.2	73.2
Ohio	9,365	10,179	9,272	85,249	89,750	-5.0	90.1	91.0
Wisconsin	2,568	2,976	2,433	23,917	23,405	2.2	70.4	70.9
West North Central	13,540	15,295	12,186	122,051	119,249	2.3	74.9	74.8
Iowa	2,084	2,444	1,806	18,681	18,450	1.3	86.4	84.9
Kansas	2,021	2,239	1,723	18,187	17,297	5.1	71.4	66.9
Minnesota	2,146	2,209	2,126	19,055	18,813	1.3	65.1	66.6
Missouri	4,382	4,724	3,836	35,554	37,258	-4.8	79.3	84.4
Nebraska	837	1,216	830	10,087	8,419	19.8	61.0	55.8
North Dakota	1,818	2,237	1,629	18,657	17,197	8.5	93.0	92.0
South Dakota	252	227	235	1,830	1,815	.8	36.1	32.3
South Atlantic	29,896	32,116	27,422	241,356	251,151	-3.9	59.5	61.7
Delaware	435	409	443	3,579	3,802	-5.9	64.9	59.6
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,342	5,810	5,622	45,040	45,001	.1	47.4	47.8
Georgia	6,654	7,317	5,727	51,253	49,086	4.4	69.3	69.7
Maryland	1,935	2,079	2,033	17,703	18,166	-2.5	76.6	64.9
North Carolina	4,940	5,076	4,089	34,617	38,003	-8.9	55.7	58.0
South Carolina	1,982	2,477	1,821	17,608	18,728	-6.0	33.9	37.0
Virginia	1,974	2,124	1,610	14,712	18,734	-21.5	40.4	60.4
West Virginia	6,634	6,823	6,076	56,843	59,631	-4.7	99.1	99.0
East South Central	16,733	18,433	14,184	137,346	131,002	4.8	72.7	72.1
Alabama	5,166	5,928	4,414	39,552	39,472	.2	67.6	68.0
Kentucky	5,933	6,671	5,435	53,740	49,548	8.5	95.7	93.8
Mississippi	989	1,231	883	7,598	6,820	11.4	39.7	43.1
Tennessee	4,645	4,603	3,452	36,456	35,162	3.7	66.1	64.0
West South Central	16,050	17,397	15,150	134,972	135,426	-0.3	48.8	48.7
Arkansas	1,848	1,979	1,445	13,793	12,863	7.2	48.3	51.3
Louisiana	1,723	1,632	1,528	12,778	14,436	-11.5	28.9	34.9
Oklahoma	2,168	2,502	1,828	18,872	17,752	6.3	53.8	52.6
Texas	10,310	11,284	10,350	89,529	90,375	-0.9	49.6	50.7
Mountain	16,062	16,677	15,913	139,553	136,436	2.3	76.1	77.2
Arizona	2,749	3,061	2,790	24,525	24,183	1.4	53.8	59.0
Colorado	2,339	2,627	2,437	22,219	21,806	1.9	94.2	90.4
Idaho	-	-	-	-	-	-	-	-
Montana	1,294	921	1,467	10,463	11,659	-10.3	56.6	62.6
Nevada	1,549	1,435	1,228	10,870	12,133	-10.4	76.4	77.6
New Mexico	2,041	2,329	2,493	19,617	18,903	3.8	89.9	89.6
Utah	2,664	2,758	2,662	23,604	21,969	7.4	97.7	97.1
Wyoming	3,427	3,545	2,836	28,255	25,783	9.6	97.9	97.6
Pacific Contiguous	879	830	905	5,369	6,442	-16.7	2.7	3.2
California	-	-	-	-	-	-	-	-
Oregon	181	80	-	248	440	-43.6	.7	1.3
Washington	698	749	905	5,121	6,002	-14.7	6.7	9.3
Pacific Noncontiguous	27	22	20	238	218	9.1	2.6	2.4
Alaska	27	22	20	238	218	9.1	7.3	6.8
Hawaii	-	-	-	-	-	-	-	-
Total	135,248	146,850	126,730	1,166,905	1,158,456	.7	54.8	55.6

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

NM = Percent difference 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. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 8. Petroleum-Fired Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Petroleum Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	1,557	1,808	2,077	23,711	26,903	-11.9	33.4	37.6
Connecticut	448	564	530	7,349	8,414	-12.7	30.0	32.9
Maine	37	154	169	1,979	2,088	-5.2	28.3	23.9
Massachusetts	725	888	1,214	12,301	13,834	-11.1	43.6	49.2
New Hampshire	146	199	161	1,937	2,364	-18.0	27.4	42.8
Rhode Island	2	2	2	141	192	-26.1	29.0	60.3
Vermont	*	1	1	2	12	-82.3	.1	.4
Middle Atlantic	2,176	3,496	3,383	32,116	40,284	-20.3	12.8	16.7
New Jersey	81	212	278	1,661	4,102	-59.5	6.3	13.1
New York	1,859	2,812	2,740	26,905	30,106	-10.6	27.5	31.0
Pennsylvania	236	472	365	3,550	6,077	-41.6	2.8	5.4
East North Central	262	266	271	1,634	1,790	-8.7	.4	.5
Illinois	73	68	23	377	201	87.1	.4	.2
Indiana	46	56	67	476	297	60.0	.6	.5
Michigan	110	113	161	529	931	-43.2	.8	1.4
Ohio	21	23	18	211	315	-33.0	.2	.3
Wisconsin	12	7	2	41	45	-8.8	.1	.1
West North Central	87	80	45	447	555	-19.4	.3	.3
Iowa	8	7	3	20	27	-27.8	.1	.1
Kansas	6	9	4	55	54	2.5	.2	.2
Minnesota	53	48	25	308	319	-3.7	1.1	1.1
Missouri	13	12	10	36	70	-48.3	.1	.2
Nebraska	2	2	1	9	47	-81.1	.1	.3
North Dakota	3	*	2	13	29	-53.6	.1	.2
South Dakota	2	2	1	6	8	-22.0	.1	.1
South Atlantic	3,102	4,349	3,499	26,534	32,428	-18.2	6.5	8.0
Delaware	58	145	186	1,327	1,922	-30.9	24.1	30.1
District of Columbia	25	76	44	345	512	-32.6	100.0	100.0
Florida	2,667	3,456	2,787	20,513	21,523	-4.7	21.6	22.9
Georgia	19	21	4	138	83	65.9	.2	.1
Maryland	221	324	384	2,867	4,374	-34.5	12.4	15.6
North Carolina	17	22	10	149	181	-17.9	.2	.3
South Carolina	5	8	5	45	76	-40.4	.1	.2
Virginia	75	276	61	952	3,564	-73.3	2.6	11.5
West Virginia	16	21	19	198	194	2.4	.3	.3
East South Central	152	180	16	951	828	14.8	.5	.5
Alabama	11	10	7	67	72	-6.5	.1	.1
Kentucky	9	9	5	37	84	-56.3	.1	.2
Mississippi	108	148	-1	745	579	28.7	3.9	3.7
Tennessee	23	13	5	103	94	9.6	.2	.2
West South Central	61	56	20	396	1,624	-75.6	.1	.6
Arkansas	6	5	4	53	95	-44.5	.2	.4
Louisiana	34	38	3	110	97	14.0	.2	.2
Oklahoma	2	1	2	23	19	18.2	.1	.1
Texas	19	11	11	211	1,414	-85.1	.1	.8
Mountain	36	26	41	383	631	-39.4	.2	.4
Arizona	13	8	6	89	131	-31.9	.2	.3
Colorado	2	2	1	21	22	-3.2	.1	.1
Idaho	*	*	*	*	1	NM	*	*
Montana	4	3	1	21	23	-8.4	.1	.1
Nevada	7	4	22	159	342	-53.5	1.1	2.2
New Mexico	2	3	2	22	28	-20.0	.1	.1
Utah	5	4	3	35	37	-3.8	.1	.2
Wyoming	4	2	5	35	47	-27.1	.1	.2
Pacific Contiguous	47	23	25	3,355	5,774	-41.9	1.7	2.9
California	45	19	25	3,341	5,657	-40.9	3.8	5.6
Oregon	1	3	*	3	35	-90.0	*	.1
Washington	2	1	1	10	82	-87.3	*	.1
Pacific Noncontiguous	700	735	697	6,199	6,166	.5	67.3	67.7
Alaska	18	24	26	255	289	-11.8	7.9	9.1
Hawaii	682	711	670	5,944	5,877	1.1	99.6	99.4
Total	7,981	11,021	10,072	95,726	116,985	-18.2	4.5	5.6

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference 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. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 9. Petroleum-Fired Steam Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Petroleum (Steam)			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	1,343	1,781	2,056	23,494	26,299	-10.7	33.1	38.8
Connecticut	445	561	528	7,339	8,373	-12.3	30.0	32.7
Maine	37	153	168	1,980	2,080	-4.8	28.3	23.9
Massachusetts	714	868	1,198	12,105	13,317	-9.1	42.9	47.4
New Hampshire	146	199	161	1,935	2,352	-17.7	27.4	42.6
Rhode Island	1	1	1	134	178	-24.5	27.5	56.0
Vermont	.	.	.	1	1	-8.5	.	.
Middle Atlantic	2,117	3,397	3,203	31,455	38,473	-18.2	12.5	16.0
New Jersey	60	187	218	1,486	3,502	-57.6	5.7	11.2
New York	1,840	2,766	2,657	26,600	29,308	-9.2	27.2	30.2
Pennsylvania	217	443	328	3,369	5,662	-40.5	2.6	5.0
East North Central	246	249	266	1,573	1,718	-8.4	.4	.5
Illinois	71	63	22	361	191	89.3	.4	.2
Indiana	45	55	67	470	295	59.5	.6	.5
Michigan	109	110	159	517	908	-42.9	.7	1.3
Minnesota	18	19	16	200	298	-32.9	.2	.3
Wisconsin	3	2	2	25	29	-15.1	.1	.1
West North Central	57	55	41	417	499	-18.4	.3	.3
Iowa	2	3	2	22	20	7.2	.1	.1
Kansas	1	3	1	32	32	-4	.1	.1
Minnesota	46	45	24	295	316	-6.5	1.0	1.1
Missouri	5	3	10	49	60	-18.3	.1	.1
Nebraska	1	.	1	4	37	-88.9	.	.2
North Dakota	2	.	2	13	29	-54.1	.1	.2
South Dakota	.	.	.	1	4	-68.6	.	.1
South Atlantic	2,965	4,172	3,382	25,623	31,294	-18.1	6.3	7.7
Delaware	57	143	180	1,318	1,895	-30.4	23.9	29.7
District of Columbia	22	72	39	328	463	-29.1	95.2	90.5
Florida	2,587	3,359	2,716	19,960	20,940	-4.7	21.0	22.3
Georgia	10	14	4	108	74	47.2	.1	.1
Maryland	206	299	358	2,737	4,083	-33.0	11.8	14.6
North Carolina	13	15	9	132	126	4.4	.2	.2
South Carolina	3	6	4	41	48	-14.3	.1	.1
Virginia	51	244	52	799	3,465	-76.9	2.2	11.2
West Virginia	16	21	19	198	193	2.6	.3	.3
East South Central	140	177	17	974	807	20.6	.5	.4
Alabama	11	10	7	67	69	-3.0	.1	.1
Kentucky	9	9	5	78	84	-7.6	.1	.2
Mississippi	107	148	-1	744	578	28.7	3.9	3.7
Tennessee	12	10	6	84	76	11.7	.2	.1
West South Central	57	52	19	364	1,546	-76.5	.1	.6
Arkansas	6	4	4	48	89	-45.8	.2	.4
Louisiana	34	38	3	110	96	14.2	.2	.2
Oklahoma	2	1	2	20	17	21.0	.1	.
Texas	16	9	10	186	1,344	-86.2	.1	.8
Mountain	33	26	40	357	585	-39.0	.2	.3
Arizona	11	8	5	79	111	-29.0	.2	.3
Colorado	1	2	1	20	15	35.8	.1	.1
Idaho	.	.	.	.	.	.	.	.
Montana	4	3	1	21	23	-7.6	.1	.1
Nevada	7	3	22	145	329	-55.9	1.0	2.1
New Mexico	2	3	2	21	27	-21.7	.1	.1
Utah	5	3	3	32	33	-2.7	.1	.1
Wyoming	4	3	5	39	47	-18.0	.1	.2
Pacific Contiguous	42	16	22	3,292	5,689	-41.9	1.6	2.8
California	40	13	22	3,280	5,596	-41.4	3.7	5.5
Oregon	1	2	.	2	4	-41.8	.	.
Washington	2	1	.	10	69	-86.1	.	.1
Pacific Noncontiguous	615	633	614	5,324	5,365	-.8	57.8	58.9
Alaska	.	.	.	.	.	NM	.	.
Hawaii	615	633	614	5,324	5,364	-.7	89.2	90.7
Total	7,616	10,559	9,659	92,872	112,254	-17.3	4.4	5.4

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference 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.

•Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 10. Petroleum-Fired GT/IC Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date			Percent of Total Generation	
				Petroleum (GT/IC)			1990 ¹	1989 ²
				1990 ¹	1989 ²	Percent Difference		
New England	14	27	22	217	604	-64.1	0.3	0.8
Connecticut	1	3	2	10	41	-76.7	*	.2
Maine	*	1	1	*	8	NM	*	.1
Massachusetts	11	20	17	196	517	-62.1	.7	1.8
New Hampshire	*	1	1	3	12	-78.5	*	.2
Rhode Island	1	2	1	7	14	-47.6	1.5	4.4
Vermont	*	1	*	2	11	-85.9	*	.3
Middle Atlantic	59	99	180	661	1,812	-63.5	.3	.8
New Jersey	21	25	60	175	599	-70.8	.7	1.9
New York	18	46	83	305	797	-61.8	.3	.8
Pennsylvania	19	28	37	181	415	-56.3	.1	.4
East North Central	16	17	5	61	71	-14.8	*	*
Illinois	3	4	1	15	10	47.4	*	*
Indiana	*	1	*	6	3	107.4	*	*
Michigan	1	3	2	12	25	-52.5	*	*
Ohio	3	4	1	11	17	-33.8	*	*
Wisconsin	9	5	*	16	16	2.8	*	*
West North Central	30	25	4	30	56	-45.7	*	*
Iowa	7	5	1	-2	7	NM	*	*
Kansas	5	6	2	24	22	6.6	.1	.1
Minnesota	7	3	*	13	4	238.5	*	*
Missouri	8	9	*	-13	10	NM	*	*
Nebraska	1	2	*	5	10	-52.8	*	.1
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	2	1	*	5	3	42.4	.1	.1
South Atlantic	137	177	116	911	1,135	-19.7	.2	.3
Delaware	1	2	6	9	27	-65.0	.2	.4
District of Columbia ...	2	4	5	17	49	-65.7	4.8	9.5
Florida	80	98	71	553	577	-4.1	.6	.6
Georgia	9	7	-1	29	9	210.6	*	*
Maryland	15	25	26	129	291	-55.6	.6	1.0
North Carolina	4	8	*	17	55	-69.5	*	.1
South Carolina	2	1	1	4	28	-86.2	*	.1
Virginia	24	32	8	152	99	53.9	.4	.3
West Virginia	*	*	*	*	*	NM	*	*
East South Central	12	3	-1	-22	21	NM	*	*
Alabama	*	*	*	*	2	NM	*	*
Kentucky	*	*	*	-41	*	NM	*.1	*
Mississippi	*	*	*	1	1	5.2	*	*
Tennessee	11	3	-1	18	18	.8	*	*
West South Central ...	4	4	1	33	79	-58.6	*	*
Arkansas	*	1	*	4	6	-24.9	*	*
Louisiana	*	*	*	*	*	NM	*	*
Oklahoma	*	*	*	2	3	-.4	*	*
Texas	3	2	1	25	70	-63.7	*	*
Mountain	3	*	1	26	46	-43.8	*	*
Arizona	2	*	1	11	20	-47.8	*	*
Colorado	*	*	*	1	7	-82.6	*	*
Idaho	*	*	*	*	1	NM	*	*
Montana	*	*	*	*	*	NM	*	*
Nevada	*	*	*	14	13	10.7	.1	.1
New Mexico	*	*	*	1	1	50.5	*	*
Utah	*	1	*	3	3	-15.1	*	*
Wyoming	*	-1	*	-4	*	NM	*	*
Pacific Contiguous	6	7	3	63	105	-40.3	*	.1
California	5	6	3	61	61	.3	.1	.1
Oregon	*	1	*	1	31	-96.4	*	.1
Washington	*	*	*	1	14	-93.1	*	*
Pacific								
Noncontiguous	86	102	82	875	802	9.1	9.5	8.8
Alaska	18	24	26	255	289	-11.7	7.8	9.1
Hawaii	67	78	56	620	513	20.9	10.4	8.7
Total	365	463	413	2,854	4,731	-39.7	.1	.2

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference 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. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 11. Gas-Fired Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Gas Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ¹
New England	814	992	743	4,749	4,072	16.6	6.7	5.7
Connecticut	116	115	75	320	246	30.1	1.3	1.0
Maine	-	-	-	-	-	-	-	-
Massachusetts	605	766	650	4,028	3,699	8.9	14.3	13.2
New Hampshire	-	-	-	-	1	-	-	-
Rhode Island	8	94	17	346	126	174.9	71.0	39.7
Vermont	11	16	-	54	-	-	1.5	-
Middle Atlantic	3,105	3,375	2,204	18,436	13,618	-1.0	7.3	7.7
New Jersey	637	854	380	3,031	4,171	-27.3	11.6	13.3
New York	2,448	2,502	1,806	15,269	14,203	7.5	15.6	14.6
Pennsylvania	19	18	18	135	244	-44.6	.1	.2
East North Central	259	292	92	1,714	1,151	48.9	.5	.3
Illinois	90	92	30	567	402	41.0	.6	.4
Indiana	43	94	21	421	258	62.9	.6	.4
Michigan	72	69	29	507	338	49.8	.7	.5
Ohio	25	20	4	72	48	50.8	.1	-
Wisconsin	29	16	8	147	104	40.6	.4	.3
West North Central	508	561	164	2,767	1,912	45.8	1.7	1.2
Iowa	40	30	16	191	124	53.7	.9	.6
Kansas	272	369	99	1,872	1,325	41.3	7.4	5.1
Minnesota	54	39	21	282	237	19.2	1.0	.8
Missouri	85	92	5	245	66	272.2	.5	.1
Nebraska	52	27	13	187	155	21.1	1.1	1.0
North Dakota	-	-	-	-	-	NM	-	-
South Dakota	4	4	-	9	6	69.0	.2	.1
South Atlantic	2,264	2,544	2,059	16,174	16,433	-1.6	4.0	4.0
Delaware	64	140	102	609	658	-7.4	11.0	10.3
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,576	1,654	1,782	13,207	13,762	-4.0	13.9	14.6
Georgia	40	49	2	132	44	201.8	.2	.1
Maryland	232	350	110	976	1,267	-23.0	4.2	4.5
North Carolina	22	26	18	135	93	44.7	.2	.1
South Carolina	196	204	40	635	207	206.5	1.2	.4
Virginia	133	121	4	467	391	19.2	1.3	1.3
West Virginia	1	1	1	14	10	32.1	-	-
East South Central	697	988	368	4,259	3,316	28.4	2.3	1.8
Alabama	55	46	13	328	150	119.1	.6	.3
Kentucky	2	2	1	22	25	-14.1	-	-
Mississippi	634	933	354	3,870	3,140	23.2	20.2	19.9
Tennessee	5	8	-	39	-	NM	.1	-
West South Central	14,596	16,855	12,375	112,427	110,824	1.4	39.0	39.8
Arkansas	383	453	165	2,242	2,123	5.6	7.9	8.5
Louisiana	2,750	3,129	2,169	19,810	17,227	15.0	44.7	41.7
Oklahoma	1,812	2,026	1,518	13,668	13,788	-.9	38.9	40.9
Texas	9,650	11,247	8,524	76,706	77,685	-1.3	42.5	43.6
Mountain	737	784	1,039	6,387	7,855	-18.7	3.5	4.4
Arizona	188	178	512	2,120	3,718	-43.0	4.7	9.1
Colorado	29	57	35	306	499	-38.7	1.3	2.1
Idaho	-	-	-	-	-	-	-	-
Montana	4	4	2	28	31	-10.2	.1	.2
Nevada	272	275	227	1,885	1,603	17.6	13.2	10.3
New Mexico	243	269	263	2,016	1,971	2.2	9.2	9.3
Utah	-	-	-	28	27	2.1	.1	.1
Wyoming	-	1	-	5	5	-15.2	-	-
Pacific Contiguous	4,998	5,987	6,142	36,136	39,859	-9.3	18.1	20.0
California	4,919	5,805	5,923	35,525	38,422	-7.5	40.2	37.8
Oregon	79	181	199	602	732	-17.8	1.7	2.2
Washington	-	1	20	9	705	-98.8	-	1.1
Pacific Noncontiguous	212	208	206	2,030	2,046	-.8	22.0	22.5
Alaska	212	208	206	2,030	2,046	-.8	62.5	64.2
Hawaii	-	-	-	-	-	-	-	-
Total	28,190	32,584	25,381	205,098	206,086	-.5	9.6	9.9

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference 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. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 12. Gas-Fired Steam Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Gas (Steam)			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	695	905	688	4,318	3,682	17.3	6.1	5.1
Connecticut	116	115	75	320	246	30.1	1.3	1.0
Maine	-	-	-	-	-	-	-	-
Massachusetts	486	679	596	3,597	3,310	8.7	12.7	11.8
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	81	94	17	346	126	174.9	71.0	39.7
Vermont	11	16	-	54	-	NM	1.5	-
Middle Atlantic	2,906	3,121	2,031	17,404	16,902	3.0	6.9	7.0
New Jersey	495	689	289	2,379	3,172	-25.0	9.1	10.1
New York	2,400	2,440	1,734	14,937	13,609	9.8	15.3	14.0
Pennsylvania	11	12	8	88	121	-26.8	.1	.1
East North Central	216	253	71	1,489	933	57.5	.4	.3
Illinois	81	84	27	530	367	44.2	.6	.4
Indiana	41	92	20	406	249	62.9	.5	.4
Michigan	54	47	13	351	191	83.8	.5	.3
Ohio	21	19	3	60	38	57.2	.1	.1
Wisconsin	18	12	8	122	87	40.4	.4	.3
West North Central	413	441	130	2,297	1,615	42.2	1.4	1.0
Iowa	18	17	15	129	100	29.0	.6	.5
Kansas	225	303	80	1,594	1,122	42.0	6.3	4.3
Minnesota	49	31	21	242	213	13.6	.8	.8
Missouri	72	67	3	167	36	367.5	.4	.1
Nebraska	45	19	12	156	138	13.0	.9	.9
North Dakota	-	-	-	-	-	NM	-	-
South Dakota	4	4	-	9	6	47.8	.2	.1
South Atlantic	1,955	2,196	1,941	14,688	15,604	-5.9	3.6	3.8
Delaware	23	93	82	446	555	-19.6	8.1	8.7
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,494	1,529	1,719	12,600	13,295	-5.2	13.3	14.1
Georgia	36	44	2	116	37	210.9	.2	.1
Maryland	209	319	95	863	1,152	-25.1	3.7	4.1
North Carolina	4	5	4	23	16	43.5	.1	.1
South Carolina	183	188	39	597	164	264.9	1.1	.3
Virginia	5	17	1	29	375	-92.2	.1	1.2
West Virginia	1	1	1	14	10	32.1	.1	.1
East South Central	626	923	323	3,769	3,038	24.1	2.0	1.7
Alabama	36	37	12	266	143	86.3	.5	.2
Kentucky	1	1	1	19	25	-21.5	.1	.1
Mississippi	588	884	309	3,484	2,871	21.4	18.2	18.1
Tennessee	-	-	-	-	-	NM	-	-
West South Central	14,080	16,280	11,894	108,043	105,577	2.3	37.5	37.9
Arkansas	383	453	165	2,242	2,123	5.6	7.9	8.5
Louisiana	2,689	3,067	2,105	19,358	16,700	15.9	43.7	40.4
Oklahoma	1,586	1,785	1,277	11,689	11,441	2.2	33.3	33.9
Texas	9,422	10,975	8,347	74,754	75,312	-7	41.4	42.3
Mountain	586	652	801	5,023	6,014	-16.5	2.7	3.4
Arizona	61	65	284	934	2,062	-54.7	2.1	5.0
Colorado	28	56	35	301	489	-38.5	1.3	2.0
Idaho	-	-	-	-	-	-	-	-
Montana	2	2	2	19	31	-38.4	.1	.2
Nevada	254	265	220	1,784	1,502	18.8	12.5	9.6
New Mexico	241	264	259	1,980	1,926	2.8	9.1	9.1
Utah	-	-	-	-	-1	NM	-	-
Wyoming	-	1	-	5	5	-15.2	.1	.1
Pacific Contiguous	4,688	5,488	5,606	33,830	35,894	-5.8	16.9	18.0
California	4,688	5,488	5,606	33,830	35,889	-5.7	38.3	35.3
Oregon	-	-	-	-	-	-	-	-
Washington	-	-	-	-	5	NM	-	-
Pacific Noncontiguous	23	16	8	286	384	-25.4	3.1	4.2
Alaska	23	16	8	286	384	-25.4	8.8	12.0
Hawaii	-	-	-	-	-	-	-	-
Total	26,187	30,274	23,493	191,127	189,643	.8	9.0	9.1

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference 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. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 13. Gas-Fired GT/IC Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Gas (GT/IC)			Percent of Total Generation	
				1990 ¹	1989 ¹	Percent Difference	1990 ¹	1989 ²
New England	120	87	55	431	390	10.5	0.6	0.5
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	120	87	54	431	389	10.8	1.5	1.4
New Hampshire	-	-	-	-	1	NM	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	199	254	173	1,031	1,716	-39.9	.4	.7
New Jersey	143	186	91	653	999	-34.7	2.5	3.2
New York	48	62	73	332	594	-44.1	.3	.6
Pennsylvania	8	6	10	47	123	-62.0	-	.1
East North Central	44	39	21	245	218	12.0	.1	.1
Illinois	8	8	3	37	35	6.8	-	-
Indiana	3	3	1	15	9	61.1	-	-
Michigan	18	22	16	156	147	5.7	.2	.2
Ohio	4	1	1	13	10	28.5	-	-
Wisconsin	11	4	-	24	17	41.5	.1	.1
West North Central	95	120	24	490	297	65.2	.3	.2
Iowa	22	13	1	61	24	157.9	.3	.1
Kansas	47	66	20	278	203	37.2	1.1	.8
Minnesota	6	8	-	40	24	69.1	.1	.1
Missouri	13	25	2	78	30	159.6	.2	.1
Nebraska	7	8	1	31	17	88.6	.2	.1
North Dakota	-	-	-	-	-	NM	-	-
South Dakota	1	-	-	1	-	NM	-	-
South Atlantic	309	349	116	1,487	829	79.4	.4	.2
Delaware	41	47	20	163	103	58.4	3.0	1.6
District of Columbia	-	-	-	-	-	-	-	-
Florida	81	125	62	607	467	30.0	.6	.5
Georgia	4	5	-	16	6	148.2	-	-
Maryland	23	31	15	113	115	-1.6	.5	.4
North Carolina	18	21	14	112	77	44.9	.2	.1
South Carolina	13	16	1	39	44	-11.8	.1	.1
Virginia	128	104	3	437	17	2541.4	1.2	.1
West Virginia	-	-	-	-	-	-	-	-
East South Central	71	66	45	489	277	76.5	.3	.2
Alabama	19	9	1	61	7	823.3	.1	-
Kentucky	1	1	-	2	1	268.0	-	-
Mississippi	46	48	44	386	270	43.1	2.0	1.7
Tennessee	5	8	-	39	-	NM	.1	-
West South Central	516	575	481	4,384	5,247	-16.5	1.5	1.9
Arkansas	-	-	-	-	-	NM	-	-
Louisiana	61	62	64	452	527	-14.3	1.0	1.3
Oklahoma	227	242	241	1,980	2,348	-15.6	5.6	7.0
Texas	228	272	177	1,952	2,374	-17.8	1.1	1.3
Mountain	151	131	238	1,364	1,842	-25.9	.7	1.0
Arizona	127	114	227	1,186	1,657	-28.4	2.6	4.0
Colorado	1	-	-	5	9	-50.4	-	-
Idaho	-	-	-	-	-	-	-	-
Montana	3	2	-	9	-	NM	-	-
Nevada	18	10	7	101	102	-7	.7	.7
New Mexico	2	5	4	36	45	-21.2	.2	.2
Utah	-	-	-	28	29	-2.1	.1	.1
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	310	499	535	2,306	3,984	-41.8	1.2	2.0
California	231	317	316	1,696	2,532	-33.0	1.9	2.5
Oregon	79	181	199	602	732	-17.8	1.7	2.2
Washington	-	1	20	8	700	-98.8	-	1.1
Pacific Noncontiguous	188	192	198	1,744	1,662	4.9	18.9	10.3
Alaska	188	192	198	1,744	1,662	4.9	53.7	52.1
Hawaii	-	-	-	-	-	-	-	-
Total	2,002	2,310	1,887	13,971	16,443	-15.0	.7	.8

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference 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. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 14. Hydroelectric Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Hydroelectric Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	225	394	270	3,880	3,200	21.3	5.5	4.5
Connecticut	13	39	16	348	285	22.0	1.4	1.1
Maine	134	136	128	1,450	1,255	15.5	20.7	14.4
Massachusetts	-14	17	6	202	159	27.0	.7	.6
New Hampshire	43	113	60	1,013	818	23.8	14.3	14.8
Rhode Island	-	-	-	-	-	-	-	-
Vermont	49	89	60	867	682	27.1	23.2	20.6
Middle Atlantic	1,876	1,934	1,817	20,060	18,567	8.0	8.0	7.7
New Jersey	-12	-14	-25	-110	-212	NM	-.4	-.7
New York	1,848	1,911	1,855	18,974	17,671	7.4	19.4	18.2
Pennsylvania	40	38	-13	1,196	1,108	7.9	.9	1.0
East North Central	285	244	190	2,390	2,264	5.5	.6	.6
Illinois	4	6	6	46	38	20.9	.	.
Indiana	39	43	41	339	318	6.8	.5	.5
Michigan	16	42	62	582	685	-15.1	.8	1.0
Ohio	12	12	11	129	99	30.0	.1	.1
Wisconsin	214	141	70	1,293	1,123	15.1	3.8	3.4
West North Central	816	941	756	8,668	8,276	4.7	5.3	5.2
Iowa	85	78	50	639	564	13.5	3.0	2.6
Kansas	1	1	.	9	7	38.7	.	.
Minnesota	44	26	49	484	525	-7.8	1.7	1.9
Missouri	66	64	72	1,995	981	103.5	4.4	2.2
Nebraska	106	124	102	932	937	-.5	5.6	6.2
North Dakota	92	158	108	1,381	1,471	-6.1	6.9	7.9
South Dakota	422	490	373	3,226	3,792	-14.9	63.6	67.5
South Atlantic	763	916	1,086	14,154	10,926	29.5	3.5	2.7
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	8	8	18	146	166	-12.2	.2	.2
Georgia	213	259	270	4,107	2,511	63.6	5.5	3.6
Maryland	76	99	46	1,578	1,447	9.1	6.8	5.2
North Carolina	359	484	566	5,544	4,928	12.5	8.9	7.5
South Carolina	142	87	98	2,134	1,247	71.2	4.1	2.5
Virginia	-53	-41	59	313	260	20.6	.9	.8
West Virginia	18	19	28	333	369	-9.8	.6	.6
East South Central	1,208	1,666	2,090	18,380	20,905	-12.1	9.7	11.5
Alabama	381	524	759	8,526	9,399	-9.3	14.6	16.2
Kentucky	211	244	329	2,382	3,153	-24.5	4.2	6.0
Mississippi	-	-	-	-	-	-	-	-
Tennessee	616	698	1,010	7,472	8,353	-10.5	13.5	15.2
West South Central	409	547	641	7,200	6,214	15.9	2.5	2.2
Arkansas	236	327	208	3,161	2,778	13.8	11.1	11.1
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	53	89	308	2,539	2,165	17.3	7.2	6.4
Texas	120	131	126	1,500	1,271	18.0	.8	.7
Mountain	2,533	2,751	2,813	24,464	24,430	.1	13.3	13.8
Arizona	596	871	608	6,393	6,330	1.0	14.0	15.4
Colorado	112	122	171	1,030	1,262	-18.4	4.4	5.2
Idaho	804	638	867	6,700	7,207	-7.0	100.0	100.0
Montana	785	713	876	7,911	6,862	15.3	42.8	36.8
Nevada	130	218	182	1,319	1,555	-15.2	9.3	9.9
New Mexico	18	18	18	174	201	-13.2	.8	1.0
Utah	39	43	35	382	439	-13.1	1.6	1.9
Wyoming	49	127	54	555	574	-3.4	1.9	2.2
Pacific Contiguous	8,774	11,572	9,172	117,408	106,542	10.2	58.7	53.3
California	1,938	2,762	2,267	19,418	23,840	-18.5	22.0	23.5
Oregon	2,313	2,763	2,393	31,229	29,308	6.6	87.0	86.6
Washington	4,523	6,047	4,513	66,761	53,393	25.0	87.9	83.0
Pacific Noncontiguous	81	81	77	742	653	13.7	8.1	7.2
Alaska	79	78	75	725	635	14.2	22.3	19.9
Hawaii	2	2	2	17	18	-6.1	.3	.3
Total	16,969	21,046	18,919	217,346	201,977	7.6	10.2	9.7

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference calculation not meaningful.

Notes: •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Station losses included energy used for pumped storage. •Energy used as of September 1990 for pumping was 2,085 million kilowatthours. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 15. Nuclear Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Nuclear Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	3,100	3,814	3,159	26,188	24,562	6.6	36.9	34.3
Connecticut	1,597	1,886	1,830	14,298	14,903	-4.1	58.4	58.3
Maine	617	457	604	3,573	5,377	-33.6	51.0	61.7
Massachusetts	104	471	372	3,469	1,797	93.1	12.3	6.4
New Hampshire	791	678	-	2,109	-	-	29.9	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	322	353	2,739	2,485	10.2	73.3	75.2
Middle Atlantic	8,098	9,711	7,513	78,812	60,637	30.0	31.4	25.2
New Jersey	2,209	1,422	1,802	16,066	16,904	-5.0	61.3	53.9
New York	1,919	2,635	2,152	17,850	16,484	8.3	18.2	17.0
Pennsylvania	3,970	5,653	3,560	44,896	27,249	64.8	35.3	24.3
East North Central	9,844	11,398	9,844	90,294	90,742	-5	24.5	25.2
Illinois	6,537	6,886	5,497	53,891	57,967	-7.0	56.3	60.9
Indiana	-	-	-	-	-	-	-	-
Michigan	1,570	1,941	2,007	19,156	16,403	16.8	27.5	24.0
Ohio	674	1,460	1,416	8,801	8,151	8.0	9.3	8.3
Wisconsin	1,063	1,111	924	8,447	8,222	2.7	24.9	24.9
West North Central	2,995	3,640	3,208	28,826	29,205	-2.0	17.6	18.3
Iowa	103	-2	178	2,078	2,534	-18.0	9.6	11.7
Kansas	819	844	806	5,342	7,187	-25.7	21.0	27.8
Minnesota	770	1,122	739	8,852	8,184	8.2	30.2	29.0
Missouri	487	651	769	7,028	5,758	22.0	15.7	13.0
Nebraska	815	825	717	5,320	5,541	-3.9	32.2	36.7
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	11,186	12,959	11,272	107,673	95,835	12.4	26.5	23.6
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,617	2,055	1,799	16,094	13,661	17.8	16.9	14.5
Georgia	2,014	2,354	2,088	18,371	18,695	-1.7	24.8	26.5
Maryland	-14	-7	-6	-10	2,739	NM	*	9.8
North Carolina	2,083	2,815	2,151	21,686	22,274	-2.7	34.9	34.0
South Carolina	2,933	3,813	3,345	31,553	30,409	3.8	60.7	60.0
Virginia	1,553	1,929	1,896	19,989	8,057	148.2	54.9	26.0
West Virginia	-	-	-	-	-	-	-	-
East South Central	2,467	3,451	3,312	28,108	25,534	10.1	14.9	14.1
Alabama	1,151	1,198	855	10,055	8,918	12.7	17.2	15.4
Kentucky	-	-	-	-	-	-	-	-
Mississippi	574	804	850	6,950	5,279	31.6	36.3	33.4
Tennessee	742	1,449	1,607	11,103	11,337	-2.1	20.1	20.6
West South Central	4,067	4,588	2,736	33,290	24,066	38.3	11.5	8.6
Arkansas	1,070	1,098	941	9,283	7,232	28.4	32.5	28.8
Louisiana	1,119	1,281	1,208	11,592	9,601	20.7	26.2	23.2
Oklahoma	-	-	-	-	-	-	-	-
Texas	1,878	2,209	586	12,415	7,233	71.6	6.9	4.1
Mountain	2,307	2,466	373	12,415	7,171	73.1	6.8	4.1
Arizona	2,307	2,466	376	12,415	6,642	86.9	27.3	16.2
Colorado	-	-	-2	-	529	-	-	2.2
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	4,341	3,736	3,420	31,367	33,862	-7.4	15.7	17.0
California	3,105	2,431	2,580	23,777	26,698	-10.9	26.9	26.3
Oregon	619	757	380	3,811	3,307	15.2	10.6	9.8
Washington	617	547	460	3,779	3,858	-2.0	5.0	6.0
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
Total	48,405	55,761	44,837	436,773	391,614	11.5	20.5	18.8

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference 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. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 16. Other Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date				
				Other Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	48	45	41	392	335	17.2	0.6	0.5
Connecticut	39	38	32	319	210	51.7	1.3	.8
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	9	8	8	73	124	-41.0	2.0	3.8
Middle Atlantic	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	36	36	47	325	375	-13.3	.1	.1
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-
Ohio	23	19	28	195	246	-20.4	.2	.2
Wisconsin	13	17	19	129	129	.3	.4	.4
West North Central	34	34	31	314	179	75.8	.2	.1
Iowa	2	3	2	14	20	-30.1	.1	.1
Kansas	-	-	-	-	-	NM	-	-
Minnesota	32	32	30	300	158	89.2	1.0	.6
Missouri	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	*	*	3	*	8	NM	*	*
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	-	-	-	-	-	-	-	-
Georgia	-	-	-	-	-	-	-	-
Maryland	-	-	3	-	8	-	-	*
North Carolina	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	NM	-	*
West Virginia	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-
West South Central	25	26	23	205	118	72.9	.1	*
Arkansas	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Texas	25	26	23	205	118	72.9	.1	.1
Mountain	20	13	19	172	194	-11.3	.1	.1
Arizona	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	1	NM	-	*
Idaho	-	-	-	-	-	-	-	-
Montana	7	8	6	53	52	2.2	.3	.3
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	13	6	13	119	141	-15.8	.5	.6
Wyoming	-	-	-	-	-	-	-	*
Pacific Contiguous	712	761	743	6,548	7,227	-9.4	3.3	3.6
California	677	728	709	6,311	6,930	-8.9	7.1	6.8
Oregon	-	-	-	1	27	-97.9	*	.1
Washington	34	33	34	236	271	-13.0	.3	.4
Pacific Noncontiguous	-	-	2	6	19	-68.3	.1	.2
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	2	6	19	-68.3	.1	.3
Total	875	915	909	7,961	8,454	-5.8	.4	.4

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

NM = Percent difference 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. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Consumption

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

Table 17. U.S. Consumption of Fossil Fuels to Produce Electricity

Year and Month	Coal (thousand short tons)				Petroleum ¹ (thousand barrels)			Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite ²	Bituminous ³	Lignite	Total	Light	Heavy	Total		
1980	951	526,680	41,642	569,274	29,051	391,163	420,214	179	3,681,595
1981	1,221	550,784	44,792	596,797	21,313	329,798	351,111	139	3,640,154
1982	1,075	543,346	49,245	593,666	15,337	234,434	249,771	149	3,225,518
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	156,779	173,414	231	3,044,083
1986	829	616,134	68,093	685,056	14,326	216,158	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 ⁴									
January	98	59,559	6,962	66,619	2,053	23,325	25,379	47	145,552
February	75	56,593	5,945	62,613	2,426	26,977	29,403	33	170,969
March	82	55,838	5,966	61,906	2,690	25,019	27,709	35	209,343
April	96	50,045	5,789	55,929	1,044	18,058	19,102	38	233,116
May	98	52,252	6,009	58,359	1,520	15,358	16,879	36	248,869
June	75	56,829	6,719	63,623	2,070	19,253	21,322	38	258,343
July	97	62,306	7,302	69,705	2,180	18,643	20,822	58	318,005
August	95	63,256	7,121	70,471	1,530	17,133	18,663	58	307,804
September	81	56,513	6,295	62,889	1,526	15,642	17,168	54	266,052
October	87	54,755	5,699	60,541	1,180	12,807	13,987	39	252,494
November	85	54,518	6,294	60,896	1,484	17,762	19,247	33	187,381
December	81	64,971	7,215	72,267	5,781	31,374	37,156	50	169,975
1989 Total	1,049	687,436	77,335	765,820	25,485	241,351	266,836	517	2,767,903
1990 ⁵									
January	92	58,748	7,220	66,060	1,234	18,294	19,528	40	143,634
February	85	51,605	6,313	58,003	974	14,769	15,743	62	131,273
March	91	54,425	6,101	60,616	912	16,068	16,979	62	182,435
April	81	52,203	5,376	57,661	1,035	15,882	16,917	61	198,830
May	90	52,964	5,688	59,042	1,146	14,573	15,720	77	239,415
June	90	58,184	6,892	65,167	1,555	20,601	22,156	66	295,305
July	96	64,103	6,821	71,020	1,614	20,035	21,649	74	324,965
August	93	65,790	7,317	73,200	1,618	16,835	18,453	72	346,438
September	84	60,409	6,455	66,948	1,318	12,037	13,354	79	299,595
Year to Date									
1990 ⁵	802	518,430	58,484	577,716	11,406	149,093	160,499	594	2,159,890
1989 ⁴	797	513,192	58,127	572,115	17,040	179,407	196,447	395	2,158,052

¹ The collection of heavy and light petroleum data began in January 1980. Prior to 1980, totals were for steam and gas turbine/internal combustion.

² Anthracite includes anthracite silt stored off-site.

³ Bituminous coal includes subbituminous coal.

⁴ Data for 1989 are revised.

⁵ Data for 1990 are preliminary.

Notes: •Totals may not equal sum of components because of independent rounding. •Geographic coverage includes the 50 States and the District of Columbia. •Mcf=thousand cubic feet.

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

Coal is consumed at this utility to generate electricity.

Table 18. Consumption of Coal to Produce Electricity by Census Division and State
(Thousand Short Tons)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	803	571	512	4,591	4,699	-2.3
Connecticut	84	87	84	757	606	24.9
Maine	-	-	-	-	-	-
Massachusetts	402	369	325	3,061	3,212	-4.7
New Hampshire	117	115	103	773	881	-12.2
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic	4,505	4,949	4,583	41,323	41,756	-1.0
New Jersey	220	316	222	2,152	2,484	-13.4
New York	885	946	812	7,654	7,515	1.9
Pennsylvania	3,400	3,687	3,549	31,516	31,757	-0.8
East North Central	13,876	15,473	13,162	129,213	123,222	4.9
Illinois	2,159	2,548	2,117	20,847	18,324	13.8
Indiana	3,913	4,357	3,471	36,251	31,098	16.6
Michigan	2,396	2,584	2,402	22,333	22,134	.9
Ohio	3,951	4,309	3,996	36,315	38,462	-5.6
Wisconsin	1,456	1,675	1,346	13,497	13,204	2.0
West North Central	8,489	9,659	7,694	76,817	74,541	3.2
Iowa	1,264	1,491	1,098	11,514	11,133	3.4
Kansas	1,286	1,408	1,105	11,502	11,144	3.2
Minnesota	1,430	1,464	1,400	12,049	11,869	1.5
Missouri	2,145	2,398	1,923	17,718	18,457	-4.0
Nebraska	534	772	531	6,381	5,322	19.9
North Dakota	1,595	1,910	1,415	16,032	14,877	7.8
South Dakota	236	217	222	1,740	1,739	.0
South Atlantic	11,922	12,929	11,051	95,951	100,289	-4.3
Delaware	181	176	189	1,499	1,600	-6.3
District of Columbia	-	-	-	-	-	-
Florida	2,185	2,384	2,337	18,276	18,436	-.9
Georgia	2,788	3,067	2,356	20,964	20,119	4.2
Maryland	740	799	784	6,800	6,957	-2.3
North Carolina	1,889	1,984	1,594	13,360	14,652	-8.8
South Carolina	793	1,002	730	7,046	7,438	-5.3
Virginia	767	856	647	5,786	7,482	-22.7
West Virginia	2,579	2,662	2,414	22,221	23,606	-5.9
East South Central	7,126	7,810	6,117	58,194	55,334	5.2
Alabama	2,126	2,437	1,866	16,358	16,175	1.1
Kentucky	2,639	2,941	2,419	23,573	21,758	8.3
Mississippi	412	507	359	3,120	2,796	11.6
Tennessee	1,948	1,925	1,474	15,143	14,605	3.7
West South Central	10,959	12,076	10,466	92,522	93,996	-1.6
Arkansas	1,146	1,203	881	8,518	7,831	8.8
Louisiana	1,124	1,245	1,001	8,639	9,430	-8.4
Oklahoma	1,280	1,467	1,111	11,114	10,638	4.5
Texas	7,409	8,160	7,472	64,251	66,097	-2.8
Mountain	8,818	9,166	8,485	75,177	73,873	1.8
Arizona	1,390	1,545	1,390	12,281	12,127	1.3
Colorado	1,270	1,403	1,311	11,915	11,666	2.1
Idaho	-	-	-	-	-	-
Montana	814	584	914	6,604	7,384	-10.6
Nevada	865	937	597	5,627	5,919	-4.9
New Mexico	1,204	1,367	1,441	11,440	11,542	-.9
Utah	1,153	1,186	1,139	10,129	9,543	6.1
Wyoming	2,121	2,144	1,693	17,181	15,692	9.5
Pacific Contiguous	627	546	579	3,599	4,184	-14.0
California	-	-	-	-	-	-
Oregon	177	55	-	232	306	-24.0
Washington	450	491	579	3,366	3,879	-13.2
Pacific Noncontiguous	24	20	41	211	222	-4.9
Alaska	24	20	41	211	222	-4.9
Hawaii	-	-	-	-	-	-
Total	66,948	73,200	62,889	577,716	572,115	1.0

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* = 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.

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

Table 19. Consumption of Petroleum to Produce Electricity by Census Division and State
(Thousand Barrels)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	2,213	3,007	3,488	39,326	44,458	-11.5
Connecticut	735	932	867	11,955	13,887	-13.9
Maine	72	271	287	3,322	3,550	-6.4
Massachusetts	1,148	1,448	2,048	20,334	22,479	-9.5
New Hampshire	253	350	277	3,399	4,091	-16.9
Rhode Island	3	4	6	310	417	-25.7
Vermont	1	2	2	6	34	-81.3
Middle Atlantic	3,631	5,831	5,735	53,129	67,216	-21.0
New Jersey	158	388	539	3,165	7,711	-59.0
New York	3,106	4,675	4,609	44,099	49,664	-11.2
Pennsylvania	367	768	587	5,865	9,841	-40.4
East North Central	567	554	528	3,636	4,065	-10.5
Illinois	248	231	139	1,703	909	87.2
Indiana	25	33	34	303	267	13.6
Michigan	227	227	310	1,115	2,075	-46.2
Ohio	39	49	37	420	711	-40.9
Wisconsin	28	15	5	95	103	-8.1
West North Central	103	88	51	550	572	-3.8
Iowa	19	16	7	102	70	44.9
Kansas	17	20	8	126	114	10.0
Minnesota	21	12	5	72	54	33.7
Missouri	29	30	21	169	161	5.2
Nebraska	4	5	2	21	91	-76.9
North Dakota	7	1	5	37	56	-33.7
South Dakota	5	4	2	23	26	-8.9
South Atlantic	5,102	7,192	5,900	44,124	54,238	-18.6
Delaware	60	215	286	2,016	2,941	-31.4
District of Columbia	60	177	104	815	1,157	-29.5
Florida	4,299	5,554	4,560	33,097	34,996	-5.4
Georgia	43	47	7	282	180	56.6
Maryland	454	678	783	5,798	8,416	-31.1
North Carolina	33	48	18	286	387	-26.1
South Carolina	9	13	10	77	154	-49.7
Virginia	123	433	102	1,486	5,710	-74.0
West Virginia	22	28	30	267	298	-10.5
East South Central	273	281	37	1,696	1,508	12.5
Alabama	16	13	11	97	119	-18.6
Kentucky	17	17	12	143	167	-14.4
Mississippi	196	227	4	1,276	1,041	22.6
Tennessee	45	23	11	180	181	-.3
West South Central	106	103	41	793	2,953	-73.1
Arkansas	13	12	9	112	183	-39.0
Louisiana	52	66	6	195	184	5.9
Oklahoma	3	2	3	42	39	7.4
Texas	38	24	23	444	2,546	-82.6
Mountain	66	51	79	727	1,171	-38.0
Arizona	23	15	12	158	251	-36.9
Colorado	3	4	3	40	53	-24.5
Idaho				1	3	-83.0
Montana	7	6	2	48	47	4.0
Nevada	11	8	42	298	600	-50.3
New Mexico	4	6	5	45	59	-24.1
Utah	9	7	6	60	65	-6.8
Wyoming	8	5	10	76	94	-19.1
Pacific Contiguous	84	48	112	5,720	9,555	-40.1
California	78	39	110	5,690	9,294	-38.8
Oregon	2	6		9	76	-88.2
Washington	3	3	1	21	186	-88.6
Pacific Noncontiguous	1,210	1,297	1,200	10,798	10,710	.8
Alaska	34	53	50	500	557	-10.2
Hawaii	1,175	1,244	1,150	10,298	10,153	1.4
Total	13,354	18,453	17,168	160,499	196,447	-18.3

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* 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 September 1990 petroleum coke consumption was 78,554 short tons.

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

**Table 20. Consumption of Petroleum to Produce Electricity at Steam-Fired Plants
by Census Division and State
(Thousand Barrels)**

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ¹	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	2,185	2,950	3,441	38,866	43,191	-10.0
Connecticut	733	924	861	11,927	13,782	-13.5
Maine	72	269	286	3,315	3,530	-6.1
Massachusetts	1,126	1,408	2,014	19,937	21,423	-6.9
New Hampshire	253	348	276	3,391	4,062	-16.5
Rhode Island	2	1	4	295	391	-24.5
Vermont	.	.	.	1	4	-74.2
Middle Atlantic	3,472	5,579	5,298	51,447	62,742	-18.0
New Jersey	100	324	408	2,696	6,221	-56.7
New York	3,055	4,562	4,399	43,345	47,681	-9.1
Pennsylvania	318	693	491	5,407	8,840	-38.8
East North Central	519	503	510	3,414	3,774	-9.5
Illinois	239	217	136	1,653	878	86.3
Indiana	23	29	33	286	257	11.3
Michigan	221	218	305	1,061	1,939	-45.3
Ohio	30	36	32	368	644	-42.8
Wisconsin	5	4	4	46	56	-17.5
West North Central	27	24	37	284	396	-28.3
Iowa	4	5	4	44	45	-2.7
Kansas	3	6	3	64	65	-1.5
Minnesota	3	3	4	32	37	-12.6
Missouri	9	6	19	95	118	-19.8
Nebraska	1	1	2	8	64	-88.1
North Dakota	6	1	5	35	55	-36.1
South Dakota	.	.	1	6	12	-50.9
South Atlantic	4,779	6,741	5,612	41,930	51,368	-18.4
Delaware	57	210	272	1,993	2,873	-30.6
District of Columbia	52	165	90	763	1,019	-25.1
Florida	4,109	5,307	4,394	31,762	33,634	-5.6
Georgia	21	27	7	194	131	48.1
Maryland	424	620	718	5,499	7,713	-28.7
North Carolina	20	22	16	203	209	-2.8
South Carolina	4	9	6	59	74	-21.1
Virginia	70	359	80	1,192	5,419	-78.0
West Virginia	22	28	30	266	297	-10.2
East South Central	244	271	36	1,828	1,436	13.3
Alabama	15	13	11	94	111	-15.0
Kentucky	16	16	12	138	165	-16.2
Mississippi	195	227	4	1,274	1,038	22.7
Tennessee	17	15	9	121	122	-1.1
West South Central	98	94	39	712	2,816	-74.7
Arkansas	13	8	9	99	170	-41.4
Louisiana	52	65	6	193	181	6.7
Oklahoma	3	1	3	38	35	7.9
Texas	30	20	21	382	2,430	-84.3
Mountain	59	48	76	646	1,055	-38.7
Arizona	19	15	11	135	205	-33.9
Colorado	2	3	2	35	34	4.3
Idaho	.	.	.	.	.	.
Montana	7	6	2	48	45	5.6
Nevada	11	7	41	254	562	-54.9
New Mexico	4	6	5	43	57	-24.9
Utah	9	6	6	55	58	-4.6
Wyoming	8	5	10	76	94	-19.1
Pacific Contiguous	70	33	38	5,571	9,254	-39.8
California	65	25	35	5,545	9,086	-39.0
Oregon	2	5	.	7	9	-21.6
Washington	3	3	1	19	159	-88.3
Pacific Noncontiguous	1,038	1,083	1,041	9,062	9,128	-.7
Alaska	.	.	.	1	1	-48.4
Hawaii	1,038	1,083	1,041	9,062	9,127	-.7
Total	12,491	17,333	16,126	153,560	165,160	-17.1

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* = 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 September 1990 petroleum coke consumption was 78,554 short tons.

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

**Table 21. Consumption of Petroleum to Produce Electricity at GT/IC Plants
by Census Division and State
(Thousand Barrels)**

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	28	57	47	460	1,268	-63.7
Connecticut	3	9	6	28	105	-73.5
Maine	.	2	2	7	20	-63.4
Massachusetts	23	40	34	397	1,057	-62.4
New Hampshire	.	2	1	8	29	-74.4
Rhode Island	2	3	2	15	26	-42.6
Vermont	1	2	2	5	30	-82.2
Middle Atlantic	158	251	436	1,882	4,475	-62.4
New Jersey	58	64	131	468	1,490	-68.6
New York	51	112	210	755	1,984	-62.0
Pennsylvania	49	75	96	459	1,001	-54.2
East North Central	48	52	16	222	291	-23.8
Illinois	9	14	3	50	32	56.5
Indiana	2	4	1	18	10	70.9
Michigan	6	9	5	54	136	-60.2
Ohio	9	13	5	52	66	-21.8
Wisconsin	22	11	1	49	47	2.9
West North Central	76	64	13	266	175	51.7
Iowa	15	11	3	58	25	131.3
Kansas	14	14	5	61	49	25.3
Minnesota	18	9	1	40	17	135.3
Missouri	20	23	2	74	43	74.5
Nebraska	3	4	1	13	28	-51.1
North Dakota	.	.	.	2	1	151.8
South Dakota	5	3	2	17	14	27.7
South Atlantic	324	444	289	2,195	2,870	-23.5
Delaware	3	5	14	23	68	-65.4
District of Columbia	8	12	14	53	139	-61.9
Florida	190	246	166	1,335	1,362	-2.0
Georgia	22	19	1	88	49	79.0
Maryland	30	58	65	299	703	-57.4
North Carolina	13	26	3	83	178	-53.4
South Carolina	5	4	4	19	79	-76.5
Virginia	53	74	22	294	290	1.2
West Virginia	.	.	.	.	1	-
East South Central	29	10	1	69	71	-3.7
Alabama	.	.	.	2	8	-69.6
Kentucky	1	2	.	5	2	127.7
Mississippi	.	.	.	2	3	-23.7
Tennessee	27	8	1	60	59	1.4
West South Central	8	8	3	81	137	-40.9
Arkansas	1	3	.	12	13	-8.0
Louisiana	.	.	.	2	3	-42.0
Oklahoma	.	1	.	4	4	3.6
Texas	7	4	2	63	117	-46.3
Mountain	6	3	2	80	116	-30.9
Arizona	4	.	1	23	46	-50.5
Colorado	1	.	.	5	19	-74.8
Idaho	.	.	.	1	3	-83.0
Montana	.	.	.	.	1	-
Nevada	.	2	.	44	37	18.5
New Mexico	.	.	.	2	2	-2.6
Utah	.	1	.	5	7	-24.8
Wyoming	-	-	-	-	-	-
Pacific Contiguous	13	16	75	149	301	-50.5
California	13	14	75	145	207	-30.1
Oregon	-	2	.	2	67	-97.3
Washington	1	.	1	3	27	-90.4
Pacific Noncontiguous	172	215	159	1,735	1,582	9.7
Alaska	34	53	50	499	555	-10.1
Hawaii	138	162	109	1,236	1,026	20.5
Total	863	1,120	1,041	6,939	11,287	-38.5

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

. = 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 22. Consumption of Gas to Produce Electricity by Census Division and State
(Million Cubic Feet)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	8,765	10,570	7,778	50,202	42,490	18.1
Connecticut	1,192	1,157	700	3,273	2,414	35.6
Maine	-	-	-	-	-	-
Massachusetts	6,438	8,056	6,832	42,009	38,382	9.4
New Hampshire	-	-	5	-	22	-
Rhode Island	1,015	1,184	242	4,352	1,872	160.3
Vermont	119	174	-	569	-	-
Middle Atlantic	33,308	36,972	24,222	198,773	203,151	-2.2
New Jersey	7,481	10,181	4,558	36,227	49,631	-27.0
New York	25,609	26,558	19,425	160,778	150,373	8.9
Pennsylvania	238	234	240	1,768	3,147	-43.8
East North Central	4,881	4,623	2,352	31,770	26,249	21.0
Illinois	1,024	1,127	452	6,913	5,533	24.9
Indiana	480	1,009	226	4,494	2,823	59.2
Michigan	2,455	1,967	1,503	17,301	15,651	10.5
Ohio	337	279	64	998	711	40.1
Wisconsin	385	241	105	2,065	1,530	35.0
West North Central	6,900	6,948	2,148	35,418	24,602	44.0
Iowa	554	407	238	2,581	1,808	42.9
Kansas	3,429	4,255	1,303	22,819	16,485	37.4
Minnesota	1,152	720	357	4,482	3,338	34.3
Missouri	1,070	1,174	78	3,232	1,009	220.3
Nebraska	627	334	167	2,340	1,869	25.2
North Dakota	-	-	-	-	-	-
South Dakota	69	59	1	164	114	43.5
South Atlantic	24,720	28,366	22,382	176,636	177,258	-.4
Delaware	871	1,867	1,034	8,399	6,331	32.7
District of Columbia	-	-	-	-	-	-
Florida	16,953	18,275	19,164	141,767	147,496	-3.9
Georgia	531	572	24	1,689	576	193.0
Maryland	3,069	259	1,480	12,732	15,479	-17.7
North Carolina	299	351	246	1,963	1,363	44.1
South Carolina	1,898	2,020	377	6,192	2,221	178.8
Virginia	1,092	1,019	51	3,791	3,709	2.2
West Virginia	7	4	7	104	82	25.9
East South Central	8,421	11,087	4,661	51,736	37,929	36.4
Alabama	591	473	119	3,184	1,358	134.5
Kentucky	31	22	11	223	289	-22.7
Mississippi	7,720	10,479	4,529	47,792	36,275	31.7
Tennessee	78	113	2	537	7	7423.5
West South Central	151,783	176,922	129,118	1,156,530	1,136,601	1.8
Arkansas	4,264	4,976	1,792	25,337	22,554	12.3
Louisiana	29,132	32,495	22,293	204,392	178,695	14.4
Oklahoma	18,056	20,117	15,095	135,395	137,180	-1.3
Texas	100,312	119,334	89,939	791,406	798,171	-.8
Mountain	8,047	8,512	11,178	69,484	85,578	-18.8
Arizona	1,958	1,908	5,313	22,599	39,346	-42.6
Colorado	471	694	526	4,140	6,585	-37.1
Idaho	-	-	-	-	-	-
Montana	59	52	14	313	242	29.3
Nevada	3,026	3,087	2,545	20,786	18,280	13.8
New Mexico	2,526	2,763	2,775	21,101	20,626	2.3
Utah	2	2	-	498	465	7.2
Wyoming	4	5	5	46	53	-13.6
Pacific Contiguous	50,217	59,651	59,380	364,527	399,993	-8.9
California	49,434	57,965	57,614	358,860	384,821	-6.7
Oregon	781	1,674	1,546	5,560	7,134	-22.1
Washington	2	12	221	107	8,034	-98.7
Pacific Noncontiguous	2,772	2,787	2,835	24,815	24,261	2.5
Alaska	2,772	2,787	2,835	24,815	24,206	2.5
Hawaii	-	-	-	-	-	-
Total	299,595	346,438	286,052	2,159,890	2,158,052	.1

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* = 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 23. Consumption of Gas to Produce Electricity at Steam-Fired Plants
by Census Division and State
(Million Cubic Feet)**

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	7,354	9,549	7,103	45,008	37,919	18.7
Connecticut	1,192	1,157	700	3,273	2,414	35.6
Maine	-	-	-	-	-	-
Massachusetts	5,027	7,035	6,162	36,815	33,834	8.8
New Hampshire	-	-	-	-	-	-
Rhode Island	1,015	1,184	242	4,352	1,672	160.3
Vermont	119	174	-	589	-	-
Middle Atlantic	30,408	33,249	21,571	183,805	177,962	3.2
New Jersey	5,463	7,557	3,188	27,063	35,513	-23.8
New York	24,837	25,571	18,286	155,537	141,222	10.1
Pennsylvania	108	121	96	1,004	1,227	-18.2
East North Central	4,100	4,103	2,098	28,693	23,497	22.1
Illinois	903	1,004	415	6,408	5,088	25.9
Indiana	423	967	213	4,228	2,706	56.2
Michigan	2,266	1,718	1,327	15,645	13,986	11.9
Ohio	263	243	40	723	483	49.8
Wisconsin	246	171	102	1,689	1,234	36.9
West North Central	5,146	5,107	1,764	27,829	20,494	35.8
Iowa	226	217	218	1,647	1,444	14.1
Kansas	2,786	3,388	1,060	18,901	13,926	35.7
Minnesota	674	423	300	3,209	2,895	10.9
Missouri	872	801	34	2,025	475	328.5
Nebraska	529	224	152	1,904	1,644	15.9
North Dakota	-	-	-	-	-	-
South Dakota	59	55	-	143	110	29.2
South Atlantic	21,100	23,888	20,709	157,457	165,079	-4.6
Delaware	424	1,346	800	6,579	5,150	27.8
District of Columbia	-	-	-	-	-	-
Florida	15,784	16,380	18,286	132,741	140,703	-5.7
Georgia	462	505	23	1,435	457	213.8
Maryland	2,726	3,774	1,233	10,955	13,695	-20.0
North Carolina	-	-	-	-	-	-
South Carolina	1,656	1,729	350	5,390	1,495	260.4
Virginia	40	150	11	254	3,496	-92.7
West Virginia	7	4	7	104	82	25.9
East South Central	6,950	9,673	3,595	40,740	33,269	22.5
Alabama	327	348	105	2,323	1,246	86.3
Kentucky	14	13	10	179	277	-35.4
Mississippi	6,610	9,311	3,479	38,238	31,745	20.5
Tennessee	-	-	-	-	-	-
West South Central	145,813	170,132	123,882	1,107,696	1,080,218	2.5
Arkansas	4,264	4,976	1,792	25,320	22,554	12.3
Louisiana	28,401	31,725	21,326	198,957	173,168	14.9
Oklahoma	15,581	17,494	12,868	114,883	118,032	-1.0
Texas	97,567	115,936	87,896	768,536	766,463	-
Mountain	6,455	7,000	8,758	54,497	65,481	-16.7
Arizona	720	762	3,054	10,472	22,459	-53.4
Colorado	442	683	526	4,039	6,402	-36.9
Idaho	-	-	-	-	-	-
Montana	22	29	14	194	239	-18.7
Nevada	2,765	2,819	2,439	19,064	16,255	17.3
New Mexico	2,501	2,702	2,721	20,645	20,053	2.9
Utah	-	-	-	37	-	-
Wyoming	4	5	5	46	53	-13.6
Pacific Contiguous	46,923	54,655	54,409	340,735	356,865	-4.5
California	46,922	54,655	54,409	340,729	356,809	-4.5
Oregon	-	-	-	-	-	-
Washington	-	-	1	6	56	-89.7
Pacific Noncontiguous	-	-	-	-	-	-
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Total	274,248	317,356	243,887	1,986,258	1,960,766	1.3

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* = 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 24. Consumption of Gas to Produce Electricity at GT/IC Plants by Census Division and State
(Million Cubic Feet)

Census Division and State	September 1990 ¹		August 1990 ¹		September 1989 ²		Year-to-Date		Percent Difference
	1990 ¹	1989 ¹	1990 ¹	1989 ¹	1990 ¹	1989 ¹	1990 ¹	1989 ¹	
New England	1,411	1,021	675	5,194	4,571	13.8			
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	1,411	1,021	670	5,194	4,549	14.2			
New Hampshire	-	-	5	-	22	-			
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	2,900	3,724	2,652	15,168	25,109	-39.8			
New Jersey	1,998	2,623	1,370	9,184	14,119	-35.1			
New York	772	987	1,138	5,241	9,151	-42.7			
Pennsylvania	131	113	144	763	1,919	-60.2			
East North Central	581	520	255	3,077	2,752	11.8			
Illinois	120	123	37	505	445	13.5			
Indiana	58	42	15	266	117	127.6			
Michigan	189	249	177	1,656	1,665	-.5			
Ohio	74	37	24	273	228	19.4			
Wisconsin	139	70	3	377	296	27.3			
West North Central	1,755	1,840	381	7,589	4,108	84.8			
Iowa	328	190	21	933	362	157.9			
Kansas	643	867	243	3,718	2,538	46.5			
Minnesota	479	297	58	1,273	443	187.1			
Missouri	198	373	44	1,207	534	125.9			
Nebraska	97	110	14	436	226	93.0			
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	9	4	1	21	4	449.9			
South Atlantic	3,621	4,478	1,673	19,179	12,179	57.5			
Delaware	448	521	233	1,819	1,181	54.0			
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	1,169	1,895	878	9,026	6,793	32.9			
Georgia	68	87	2	254	119	113.3			
Maryland	343	484	247	1,777	1,784	-.4			
North Carolina	299	351	246	1,983	1,363	44.1			
South Carolina	242	291	27	802	726	10.5			
Virginia	1,052	869	40	3,537	213	1559.9			
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	1,471	1,414	1,066	10,996	4,660	138.0			
Alabama	264	125	13	861	112	671.7			
Kentucky	17	9	1	44	11	293.8			
Mississippi	1,111	1,168	1,049	9,554	4,530	110.9			
Tennessee	78	113	2	537	7	7423.5			
West South Central	5,950	6,790	5,237	46,835	56,383	-13.4			
Arkansas	-	-	-	17	-	-	-	-	-
Louisiana	730	770	967	5,436	5,527	-1.7			
Oklahoma	2,475	2,622	2,228	20,512	21,148	-3.0			
Texas	2,745	3,398	2,043	22,870	29,708	-23.0			
Mountain	1,592	1,512	2,420	14,987	20,115	-25.5			
Arizona	1,238	1,146	2,260	12,127	16,886	-28.2			
Colorado	29	11	-	101	183	-44.7			
Idaho	-	-	-	-	-	-	-	-	-
Montana	37	23	-	119	3	3730.7			
Nevada	261	268	106	1,722	2,005	-14.1			
New Mexico	25	61	54	457	573	-20.2			
Utah	2	2	-	461	465	-.7			
Wyoming	-	-	-	-	-	-	-	-	-
Pacific Contiguous	3,294	4,997	4,971	23,792	43,125	-44.8			
California	2,512	3,311	3,205	18,131	28,012	-35.3			
Oregon	781	1,674	1,546	5,560	7,134	-22.1			
Washington	1	12	220	101	7,978	-98.7			
Pacific Noncontiguous	2,772	2,787	2,835	24,815	24,206	2.5			
Alaska	2,772	2,787	2,835	24,815	24,206	2.5			
Hawaii	-	-	-	-	-	-	-	-	-
Total	25,347	29,083	22,165	173,631	197,286	-12.0			

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* 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.

Source: Energy Information Administration, Form EIA-758, "Monthly Power Plant Report."

Stocks

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

Table 25. U.S. End-of-Month Stocks of Coal and Petroleum

Year and Month	Coal (thousand short tons)				Petroleum ¹ (thousand barrels)			Coke (thousand short tons)
	Anthracite ²	Bituminous ³	Lignite	Total	Light	Heavy	Total	
1980	4,741	174,154	4,115	183,010	30,023	105,351	135,374	52
1981	5,537	158,258	5,098	168,893	28,094	102,042	128,136	42
1982	6,080	170,480	4,573	181,132	23,369	95,515	118,884	41
1983	6,507	145,250	3,841	155,598	18,801	70,573	89,375	55
1984	6,710	167,118	5,899	179,727	19,116	68,503	87,619	50
1985	7,189	142,144	7,043	156,376	16,386	57,304	73,689	49
1986	7,099	148,665	6,042	161,806	16,269	56,841	73,111	40
1987	6,940	156,670	7,187	170,797	15,759	55,069	70,827	51
1988	6,561	133,434	6,512	146,507	15,099	54,187	69,285	66
1989 ⁴								
January	6,513	129,802	6,088	142,403	14,809	55,845	70,654	58
February	6,494	124,643	6,217	137,354	13,880	50,063	64,043	56
March	6,475	126,107	6,367	138,949	13,370	45,142	58,512	62
April	6,447	131,672	6,477	144,596	13,607	47,237	60,844	102
May	6,416	137,787	6,767	150,970	13,279	52,595	65,873	64
June	6,427	136,113	6,428	148,968	14,621	51,922	66,544	77
July	6,413	122,221	6,226	134,859	14,405	52,883	67,289	81
August	6,440	121,266	6,227	133,932	14,724	55,608	70,332	69
September	6,437	122,901	6,291	135,629	14,825	54,346	69,171	92
October	6,437	129,668	6,164	142,270	15,090	56,680	71,750	107
November	6,423	134,233	6,475	147,131	15,332	56,258	71,590	115
December	6,403	123,001	6,490	135,894	13,824	47,586	61,410	105
1990 ⁵								
January	6,360	125,829	6,169	138,358	15,458	54,332	69,790	114
February	6,315	131,176	5,922	143,413	15,622	58,136	73,758	108
March	6,294	138,636	5,879	150,808	15,117	57,706	72,823	104
April	6,298	144,537	5,482	156,318	14,811	55,331	70,142	93
May	6,315	150,362	6,557	163,233	15,459	55,149	70,608	102
June	6,376	149,945	6,424	162,745	15,338	53,106	68,444	110
July	6,420	142,208	6,352	154,979	15,606	56,280	71,886	109
August	6,441	139,349	6,206	151,996	15,356	57,336	72,692	113
September	6,486	136,607	6,027	149,120	15,677	60,196	75,873	95

¹ The collection of heavy and light petroleum data began in January 1980. Prior to 1980, totals were for steam and gas turbine/internal combustion.

² Anthracite includes anthracite silt stored off-site.

³ Bituminous coal includes subbituminous coal.

⁴ Data for 1989 are revised.

⁵ Data for 1990 are preliminary.

Notes: •Totals may not equal sum of components because of independent rounding. •Geographic coverage includes the 50 States and the District of Columbia. •Stocks are end-of-month stocks at electric utilities.

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

Barges are an important mode of transportation for delivering coal to electric utilities.

Table 26. Stocks of Coal by Census Division and State
(Thousand Short Tons)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Monthly Percent Change	Yearly Percent Difference
New England	1,244	1,392	1,087	-10.6	14.5
Connecticut	142	149	129	-4.8	10.0
Maine	-	-	-	-	-
Massachusetts	724	844	733	-14.2	-1.2
New Hampshire	351	372	197	-5.7	78.0
Rhode Island	28	28	28	-	-
Vermont	-	-	-	-	-
Middle Atlantic	16,369	15,863	13,166	3.2	24.3
New Jersey	723	720	528	.4	36.9
New York	1,568	1,561	1,210	.4	29.6
Pennsylvania	14,079	13,582	11,429	3.7	23.2
East North Central	38,075	37,155	35,279	2.5	7.9
Illinois	6,988	7,141	9,016	-2.1	-22.5
Indiana	9,773	9,367	7,639	4.3	27.9
Michigan	8,236	7,676	7,872	7.3	4.6
Ohio	9,173	9,097	6,303	.8	45.5
Wisconsin	3,904	3,875	4,449	.8	-12.2
West North Central	18,882	19,408	20,092	-2.7	-6.0
Iowa	4,037	3,876	4,102	4.2	-1.6
Kansas	3,241	3,457	3,598	-6.3	-9.9
Minnesota	2,005	2,055	2,142	-2.4	-6.4
Missouri	4,670	5,017	4,333	-6.9	7.8
Nebraska	1,585	1,513	1,785	4.7	-11.2
North Dakota	5,071	3,197	3,846	-3.9	-20.1
South Dakota	272	291	285	-6.8	-4.7
South Atlantic	25,721	26,802	19,466	-4.0	32.1
Delaware	355	461	216	-22.9	64.7
District of Columbia	-	-	-	-	-
Florida	4,651	4,802	4,218	-3.1	10.3
Georgia	5,122	5,638	4,222	-9.1	21.3
Maryland	1,911	1,765	1,209	8.2	58.1
North Carolina	3,909	4,385	2,796	-10.9	39.8
South Carolina	1,773	1,829	1,467	-3.1	20.9
Virginia	1,471	1,414	1,096	4.0	34.2
West Virginia	6,530	6,509	4,243	.3	53.9
East South Central	14,787	15,231	11,682	-2.0	26.6
Alabama	3,804	4,051	3,779	-6.1	.7
Kentucky	6,891	6,761	4,164	1.9	65.5
Mississippi	612	710	693	-13.9	-11.7
Tennessee	3,480	3,708	3,046	-6.2	14.2
West South Central	14,268	16,793	16,521	-15.0	-13.6
Arkansas	1,479	1,828	2,730	-19.1	-45.8
Louisiana	2,304	2,225	2,267	3.5	1.6
Oklahoma	2,825	2,812	2,992	-3.0	-5.6
Texas	7,660	8,828	8,531	-22.1	-10.2
Mountain	17,510	17,013	16,719	2.9	4.7
Arizona	2,804	2,702	3,526	3.8	-20.5
Colorado	3,613	3,622	4,009	-2	-9.9
Idaho	-	-	-	-	-
Montana	835	896	829	-6.7	.8
Nevada	1,264	1,179	1,045	7.2	21.0
New Mexico	1,413	1,371	1,208	3.1	17.0
Utah	3,869	3,728	3,153	3.8	22.7
Wyoming	3,711	3,515	2,949	5.6	25.8
Pacific Contiguous	2,262	2,337	1,614	-3.2	40.2
California	-	-	-	-	-
Oregon	648	646	480	.4	35.0
Washington	1,614	1,691	1,134	-4.6	42.4
Pacific Noncontiguous	1	2	4	-48.2	-66.4
Alaska	1	2	4	-48.2	-66.4
Hawaii	-	-	-	-	-
Total	149,120	151,996	135,629	-1.9	9.9

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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 27. Stocks of Petroleum by Census Division and State
(Thousand Barrels)

Census Division and State	September 1990 ¹	August 1990 ¹	September 1989 ²	Monthly Percent Change	Yearly Percent Difference
New England	7,274	7,222	7,457	0.7	-2.4
Connecticut	3,072	2,802	3,017	9.7	1.8
Maine	508	578	589	-12.1	-13.7
Massachusetts	3,146	3,392	3,265	-7.2	-3.7
New Hampshire	410	311	364	32.1	12.9
Rhode Island	97	98	186	-1.4	-47.8
Vermont	40	41	36	-1.5	12.7
Middle Atlantic	16,470	14,192	15,189	16.0	8.4
New Jersey	2,573	2,232	2,565	15.3	.3
New York	11,684	9,605	9,765	21.7	19.7
Pennsylvania	2,212	2,355	2,858	-6.1	-22.6
East North Central	3,302	3,558	4,026	-7.2	-18.0
Illinois	1,534	1,744	2,099	-12.0	-26.9
Indiana	207	192	196	7.6	5.7
Michigan	977	1,053	1,146	-7.2	-14.7
Ohio	362	337	382	7.2	-5.4
Wisconsin	222	231	203	-3.9	9.5
West North Central	1,764	1,797	1,726	-1.8	2.2
Iowa	199	191	200	3.9	-7
Kansas	693	693	641		8.1
Minnesota	121	137	152	-11.2	-20.3
Missouri	403	418	359	-3.6	12.1
Nebraska	215	218	236	-1.1	-8.7
North Dakota	58	61	62	-3.7	-5.2
South Dakota	75	80	76	-6.2	-1.5
South Atlantic	15,391	14,899	12,894	3.3	19.4
Delaware	778	629	633	23.7	22.9
District of Columbia	113	114	96	-1.2	17.8
Florida	8,286	7,885	6,354	5.1	30.4
Georgia	553	527	590	4.9	-6.4
Maryland	2,020	2,031	1,682	-5	20.1
North Carolina	279	277	249	1.0	12.1
South Carolina	496	497	476	-4	4.3
Virginia	2,687	2,769	2,637	-3.0	1.9
West Virginia	180	169	176	6.4	2.0
East South Central	1,422	1,447	1,481	-1.8	-4.0
Alabama	155	152	150	2.0	2.9
Kentucky	101	104	113	-3.7	-11.1
Mississippi	739	837	836	-11.8	-11.6
Tennessee	428	354	382	21.0	12.1
West South Central	7,768	7,797	6,892	-4	12.7
Arkansas	272	275	172	-1.3	58.1
Louisiana	1,234	1,301	1,261	-1.4	1.8
Oklahoma	453	455	447	-4	1.3
Texas	5,760	5,766	5,012	-1	14.9
Mountain	1,853	1,874	1,708	-1.1	8.5
Arizona	844	854	839	-1.2	.6
Colorado	250	253	259	-1.1	-3.4
Idaho	14	13	14	1.6	-4.9
Montana	13	12	18	5.8	-29.9
Nevada	501	508	345	-1.6	45.3
New Mexico	106	104	173	2.0	-38.7
Utah	100	101	33	-1.6	205.5
Wyoming	27	28	27	-4.4	-1
Pacific Contiguous	19,482	18,747	16,249	3.8	19.8
California	19,020	18,313	15,925	3.9	19.4
Oregon	224	224	223	.4	.6
Washington	218	210	101	3.7	116.2
Pacific Noncontiguous	1,166	1,158	1,549	.7	-24.7
Alaska	239	247	253	-3.5	-5.6
Hawaii	928	911	1,297	1.8	-28.5
Total	75,873	72,692	69,171	4.4	9.7

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* = 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 September 1990 petroleum coke stocks were 95,402 short tons. •Stocks are end-of-month stocks at electric utilities.

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

Receipts/Cost

*Fuel is received for distribution
to electric utilities.*

Table 28. Receipts and Average Cost of Fossil Fuels

Year and Month	Coal ¹		Petroleum				Gas		All Fossil Fuels ²
	Quantity (thousand short tons)	Cost (cents per 10 ⁶ Btu)	Heavy Oil ³		Total ⁴		Quantity (thousand Mcf)	Cost (cents per 10 ⁶ Btu)	Cost (cents per 10 ⁶ Btu)
			Quantity (thousand barrels)	Cost (cents per 10 ⁶ Btu)	Quantity (thousand barrels)	Cost (cents per 10 ⁶ Btu)			
1980	593,995	135.1	394,159	426.7	419,140	435.1	3,588,814	219.9	192.8
1981	579,374	153.2	327,477	533.4	345,544	542.5	3,573,558	280.5	225.6
1982	601,427	164.7	228,200	483.2	239,111	492.2	3,161,348	337.6	224.9
1983	592,728	165.6	211,705	457.8	219,652	462.8	2,732,248	347.4	220.3
1984	684,111	166.4	193,832	481.2	202,372	486.3	2,878,808	ⁿ 360.3	219.1
1985	666,743	164.8	156,410	424.4	164,947	431.7	2,808,921	ⁿ 344.4	209.4
1986	686,964	157.9	220,585	240.1	228,522	243.7	2,387,822	ⁿ 235.1	175.0
1987	721,298	150.6	167,300	297.6	194,578	301.1	2,605,191	ⁿ 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 ⁵									
January	62,443	142.7	25,855	264.1	26,516	267.4	124,572	257.5	164.8
February	56,634	145.0	20,489	251.9	21,179	256.0	150,950	237.2	164.6
March	63,218	144.4	22,427	271.8	23,199	276.0	180,668	225.7	165.0
April	62,076	143.6	19,831	303.0	20,292	305.6	207,401	224.6	166.7
May	64,796	145.3	20,569	307.2	21,211	310.1	226,859	232.0	169.7
June	61,272	145.5	18,677	279.9	19,354	283.5	234,010	232.1	168.5
July	55,429	144.1	19,778	275.6	20,364	278.6	285,117	233.3	172.2
August	70,147	144.7	19,701	264.2	20,563	268.9	282,481	230.6	166.6
September	64,539	146.0	14,967	264.8	15,609	270.6	239,696	225.4	164.9
October	66,578	145.4	15,779	289.1	16,495	295.6	230,629	231.6	166.1
November	65,570	144.2	16,862	288.0	17,602	294.5	162,361	248.1	164.9
December	60,515	142.8	22,734	350.2	24,040	359.0	147,763	275.4	176.7
1989	753,217	144.5	237,668	284.6	246,422	289.3	2,472,506	235.5	167.5
1990 ⁶									
January	67,637	145.0	26,481	403.8	27,416	409.5	126,832	293.8	182.6
February	62,280	146.4	19,190	338.2	19,683	340.7	113,436	269.3	171.0
March	67,518	145.5	15,028	295.2	15,499	299.3	165,802	231.0	162.9
April	63,888	147.1	13,521	254.7	13,978	260.5	180,912	221.9	161.9
May	64,958	147.5	15,003	244.8	15,551	250.8	220,164	212.4	162.2
June	63,604	146.3	18,065	219.4	18,609	224.1	267,993	209.3	161.7
July	63,427	144.3	22,150	239.9	22,788	243.8	294,672	214.6	164.5
August	70,571	144.5	18,768	341.0	19,320	346.2	304,424	215.9	169.1
Year-to-Date									
1990 ⁶	523,883	145.8	148,207	299.4	152,845	304.2	1,674,235	225.7	167.0
1989 ⁶	496,015	144.4	167,327	276.7	172,675	280.2	1,692,057	232.8	167.3

¹ Data include 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 1980-1982 do not include small quantities of re-refined motor oil and liquefied petroleum gas.

⁵ Data for 1989 are revised and final. Data for 1990 are preliminary.

⁶ Revised.

Notes: •Totals may not equal sum of components because of independent rounding. •Data include Alaska and Hawaii. •Data for 1983 and forward 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.

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

Table 29. Receipts of Coal by Type, Census Division, and State, August 1990

Census Division and State	Type of Coal									
	Anthracite		Bituminous		Subbituminous		Lignite		Total	
	Receipts (thousand short tons)	Receipts (billion Btu)	Receipts (thousand short tons)	Receipts (billion Btu)	Receipts (thousand short tons)	Receipts (billion Btu)	Receipts (thousand short tons)	Receipts (billion Btu)	Receipts (thousand short tons)	Receipts (billion Btu)
New England	-	-	542	14,228	-	-	-	-	542	14,228
Connecticut	-	-	76	1,996	-	-	-	-	76	1,996
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	361	9,415	-	-	-	-	361	9,415
New Hampshire	-	-	105	2,817	-	-	-	-	105	2,817
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	77	1,217	5,027	125,790	-	-	-	-	5,104	127,007
New Jersey	-	-	253	6,766	-	-	-	-	253	6,766
New York	-	-	843	21,775	-	-	-	-	843	21,775
Pennsylvania	77	1,217	3,931	97,248	-	-	-	-	4,008	98,465
East North Central	-	-	11,525	269,982	4,753	85,679	-	-	16,278	355,661
Illinois	-	-	1,761	39,127	517	9,894	-	-	2,277	49,021
Indiana	-	-	3,183	71,044	1,193	20,581	-	-	4,377	91,625
Michigan	-	-	1,640	41,747	1,863	34,778	-	-	3,503	76,525
Ohio	-	-	4,405	105,183	-	-	-	-	4,405	105,183
Wisconsin	-	-	537	12,882	1,179	20,426	-	-	1,716	33,308
West North Central	-	-	2,376	53,027	4,540	77,612	2,117	28,008	9,033	158,647
Iowa	-	-	388	8,498	975	16,342	-	-	1,363	24,841
Kansas	-	-	387	8,543	954	15,988	-	-	1,341	24,531
Minnesota	-	-	33	733	1,237	21,569	-	-	1,270	22,302
Missouri	-	-	1,568	35,253	688	11,954	-	-	2,257	47,207
Nebraska	-	-	-	-	686	11,759	-	-	686	11,759
North Dakota	-	-	-	-	-	-	1,912	25,520	1,912	25,520
South Dakota	-	-	-	-	-	-	205	2,488	205	2,488
South Atlantic	-	-	11,875	296,560	342	5,790	-	-	12,217	302,351
Delaware	-	-	238	6,186	-	-	-	-	238	6,186
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	-	-	2,081	51,584	-	-	-	-	2,081	51,584
Georgia	-	-	2,096	51,155	342	5,790	-	-	2,438	56,945
Maryland	-	-	943	24,037	-	-	-	-	943	24,037
North Carolina	-	-	1,844	46,330	-	-	-	-	1,844	46,330
South Carolina	-	-	896	22,755	-	-	-	-	896	22,755
Virginia	-	-	690	17,573	-	-	-	-	690	17,573
West Virginia	-	-	3,087	76,940	-	-	-	-	3,087	76,940
East South Central	-	-	6,844	162,539	-	-	-	-	6,844	162,539
Alabama	-	-	1,799	43,891	-	-	-	-	1,799	43,891
Kentucky	-	-	2,994	69,024	-	-	-	-	2,994	69,024
Mississippi	-	-	330	8,354	-	-	-	-	330	8,354
Tennessee	-	-	1,721	41,270	-	-	-	-	1,721	41,270
West South Central	-	-	220	4,949	6,032	103,656	4,886	62,751	11,138	171,357
Arkansas	-	-	-	-	999	17,485	-	-	999	17,485
Louisiana	-	-	-	-	801	13,704	309	4,280	1,110	17,983
Oklahoma	-	-	72	1,777	1,170	20,284	-	-	1,242	22,061
Texas	-	-	148	3,172	3,062	52,183	4,577	58,472	7,787	113,827
Mountain	-	-	3,848	84,298	5,027	90,885	18	235	8,893	175,418
Arizona	-	-	1,043	21,805	249	4,879	-	-	1,292	26,684
Colorado	-	-	573	12,231	818	15,131	-	-	1,391	27,362
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	615	10,844	18	235	633	11,079
Nevada	-	-	594	13,358	55	1,081	-	-	649	14,439
New Mexico	-	-	-	-	1,391	25,519	-	-	1,391	25,519
Utah	-	-	1,393	32,201	-	-	-	-	1,393	32,201
Wyoming	-	-	245	4,703	1,899	33,431	-	-	2,144	38,134
Pacific	-	-	-	-	523	8,523	-	-	523	8,523
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	122	2,026	-	-	122	2,026
Washington	-	-	-	-	401	6,496	-	-	401	6,496
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U. S. Total	77	1,217	42,258	1,011,372	21,216	372,145	7,021	90,994	70,571	1,475,729

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Data for 1990 are preliminary.

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

Table 30. Receipts of Coal and Average Cost by Census Division and State

Census Division and State	August 1990 ¹		August 1989 ¹		Year to Date			
	Receipts (thousand short tons)	Receipts (billion Btu)	Receipts (thousand short tons)	Receipts (billion Btu)	Receipts (billion Btu)		Average Cost (cents per million Btu)	
					1990 ¹	1989 ¹	1990 ¹	1989 ¹
New England	542	14,228	409	10,783	114,011	106,804	178.9	168.2
Connecticut	76	1,996	73	1,967	18,186	14,186	212.1	216.5
Maine	-	-	-	-	-	-	-	-
Massachusetts	361	9,415	216	5,645	74,454	76,185	172.5	159.0
New Hampshire	105	2,817	120	3,171	21,370	16,433	178.3	169.2
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	5,104	127,007	5,221	129,704	983,831	912,434	154.7	148.0
New Jersey	253	6,766	329	8,743	54,053	59,601	179.2	174.4
New York	843	21,775	898	23,067	179,106	167,323	160.8	156.6
Pennsylvania	4,008	98,465	3,994	97,894	750,672	685,510	151.4	143.6
East North Central	16,278	355,861	15,858	347,467	2,532,777	2,297,664	152.2	154.8
Illinois	2,277	49,021	2,140	45,879	381,781	348,838	175.4	181.6
Indiana	4,377	91,625	3,917	82,812	694,851	544,426	138.5	137.1
Michigan	3,503	76,525	3,208	69,837	409,156	399,178	163.8	177.0
Ohio	4,405	105,183	4,882	115,168	818,701	778,215	151.5	146.8
Wisconsin	1,716	33,308	1,711	33,771	228,288	227,007	136.1	144.6
West North Central	9,033	158,847	9,193	160,915	1,207,899	1,165,309	115.0	115.7
Iowa	1,363	24,841	1,361	24,823	181,655	170,826	113.4	124.0
Kansas	1,341	24,531	1,255	22,073	192,450	181,880	125.3	122.8
Minnesota	1,270	22,302	1,653	29,201	191,502	179,302	131.8	126.7
Missouri	2,257	47,207	2,223	46,490	339,547	341,770	137.1	134.4
Nebraska	686	11,759	678	11,795	97,860	86,056	77.0	86.9
North Dakota	1,912	25,520	1,831	24,172	188,627	188,830	66.5	69.4
South Dakota	205	2,488	191	2,362	16,277	16,644	115.9	124.4
South Atlantic	12,217	302,351	11,778	292,618	2,231,707	2,103,680	167.9	164.4
Delaware	238	6,186	130	3,371	39,480	30,755	182.3	179.6
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,081	51,584	1,810	44,755	406,401	384,750	185.0	178.6
Georgia	2,438	56,945	2,352	56,973	444,053	411,322	173.1	174.4
Maryland	943	24,037	971	24,694	172,191	151,920	164.5	160.1
North Carolina	1,844	46,330	1,857	46,554	326,721	298,215	178.9	175.8
South Carolina	896	22,755	1,043	26,206	157,985	162,472	171.6	171.5
Virginia	690	17,573	827	20,973	127,490	166,458	155.7	152.4
West Virginia	3,087	76,940	2,789	69,093	557,387	497,789	146.5	140.5
East South Central	6,844	162,539	6,308	148,759	1,316,307	1,157,222	144.0	143.1
Alabama	1,799	43,891	1,845	44,378	352,735	337,123	186.5	186.7
Kentucky	2,994	69,024	2,734	62,791	560,753	467,219	119.4	113.5
Mississippi	330	8,354	244	6,147	66,842	57,865	164.1	169.9
Tennessee	1,721	41,270	1,486	35,444	335,977	295,015	136.3	134.7
West South Central	11,138	171,357	11,465	176,295	1,232,971	1,265,464	148.2	147.3
Arkansas	999	17,485	1,198	20,951	122,832	133,399	164.2	162.8
Louisiana	1,110	17,983	1,197	19,729	116,116	130,343	169.3	162.2
Oklahoma	1,242	22,061	1,310	23,285	173,089	172,059	139.0	136.2
Texas	7,787	113,827	7,760	112,320	820,934	829,663	144.7	144.8
Mountain	8,893	175,418	9,479	186,296	1,293,733	1,264,650	113.3	111.8
Arizona	1,292	26,684	1,542	32,596	211,862	212,693	145.1	138.4
Colorado	1,391	27,362	1,420	28,181	202,829	206,575	107.3	106.7
Idaho	-	-	-	-	-	-	-	-
Montana	633	11,079	1,021	17,592	100,994	110,338	64.8	54.9
Nevada	650	14,439	739	16,338	109,652	110,414	152.2	142.2
New Mexico	1,391	25,519	1,416	25,938	187,383	179,451	129.7	124.8
Utah	1,393	32,201	1,421	31,759	216,692	196,362	113.1	125.4
Wyoming	2,144	38,134	1,919	33,891	264,321	248,817	83.5	84.9
Pacific Contiguous	523	8,523	435	7,069	61,802	60,992	156.5	154.5
California	-	-	-	-	-	-	-	-
Oregon	122	2,026	-	-	3,711	-	110.5	-
Washington	401	6,496	435	7,069	58,091	60,992	159.5	154.5
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	70,571	1,475,729	70,147	1,459,897	10,975,038	10,334,218	145.8	144.4

¹ Data for 1989 are revised and final. Data for 1990 are preliminary.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite.

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

Table 31. Receipts of Coal and Average Cost by Type of Purchase and Mining Method, Census Division and State, August 1990

Census Division and State	Type of Purchase						Type of Mining					
	Contract			Spot			Strip and Auger			Underground		
	Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		Quantity	Average Delivered Cost	
	(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	268	187.7	49.32	275	177.2	46.40	73	177.9	45.82	489	183.1	48.18
Connecticut	76	221.6	58.19	-	-	-	-	-	-	76	221.6	58.19
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	133	174.6	45.57	228	178.3	46.48	73	177.9	45.82	288	176.7	46.23
New Hampshire	59	173.6	46.35	47	171.8	46.01	-	-	-	105	172.8	46.20
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	4,037	156.3	39.09	1,067	141.1	34.47	1,828	144.8	35.30	3,276	157.7	39.70
New Jersey	228	178.5	47.69	25	185.7	49.41	62	174.9	46.07	192	180.6	48.44
New York	624	158.9	41.84	219	161.1	38.39	288	155.3	38.31	555	161.4	42.70
Pennsylvania	3,185	154.1	37.94	823	134.3	32.70	1,478	141.4	34.27	2,530	155.0	38.38
East North Central	12,700	156.5	34.06	3,578	123.8	27.42	11,399	143.7	30.26	4,879	160.5	38.06
Illinois	1,996	182.3	39.11	282	122.3	26.96	1,261	186.4	41.40	1,016	149.1	32.90
Indiana	3,692	136.7	28.57	685	116.5	24.66	3,361	124.4	25.57	1,015	161.5	35.86
Michigan	2,840	159.1	34.74	663	141.2	30.94	2,782	148.9	30.92	721	176.8	45.96
Ohio	2,918	166.3	39.76	1,486	121.4	28.93	2,566	144.9	34.21	1,838	159.8	38.76
Wisconsin	1,254	138.9	27.35	462	117.6	21.92	1,429	127.0	23.09	288	155.9	39.76
West North Central	7,862	112.8	19.53	1,171	113.7	21.88	8,226	105.8	18.01	807	166.2	38.46
Iowa	997	126.4	23.13	366	100.7	18.17	1,312	117.1	21.17	51	171.7	37.89
Kansas	1,092	128.5	22.63	248	119.9	25.54	1,244	123.2	22.06	96	160.8	37.50
Minnesota	1,231	121.1	21.18	38	144.4	28.65	1,262	121.4	21.28	8	170.0	40.72
Missouri	1,865	132.7	28.06	391	129.5	25.76	1,605	116.0	23.21	651	166.6	38.62
Nebraska	559	78.1	13.49	127	69.0	11.47	686	76.5	13.11	-	-	-
North Dakota	1,912	66.8	8.92	-	-	-	1,912	66.8	8.92	-	-	-
South Dakota	205	111.5	13.54	-	-	-	205	111.5	13.54	-	-	-
South Atlantic	9,185	175.3	43.74	3,032	142.8	34.45	4,541	184.2	39.94	7,675	189.2	42.32
Delaware	202	182.9	47.55	36	160.9	42.07	44	178.5	45.84	193	179.8	46.93
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,654	191.5	47.47	426	145.9	36.23	750	172.8	42.84	1,330	187.4	46.48
Georgia	1,506	186.2	44.95	932	153.9	34.00	1,239	165.2	37.18	1,199	183.5	44.46
Maryland	764	162.5	41.46	179	167.2	42.53	530	167.6	42.21	413	158.2	40.96
North Carolina	1,578	184.2	46.27	266	142.5	35.80	816	175.0	43.86	1,028	180.7	45.47
South Carolina	619	176.8	44.71	277	155.6	39.86	226	162.8	42.02	670	172.7	43.61
Virginia	429	158.0	40.44	261	141.4	35.69	219	149.9	37.97	471	152.6	38.95
West Virginia	2,433	158.1	39.54	654	113.7	27.96	716	142.7	35.10	2,371	150.6	37.69
East South Central	5,519	150.5	35.65	1,325	122.3	29.32	3,476	145.3	34.42	3,368	144.6	34.43
Alabama	1,442	199.6	48.78	356	132.8	32.21	833	190.1	47.11	966	183.2	44.12
Kentucky	2,350	121.6	27.79	644	116.6	27.75	1,875	119.0	27.80	1,119	123.1	27.75
Mississippi	288	169.9	43.44	41	142.7	33.73	47	165.5	40.21	283	166.9	42.56
Tennessee	1,438	140.9	33.75	283	118.7	28.63	721	157.5	36.62	1,000	123.4	30.23
West South Central	10,863	147.7	22.59	274	125.1	23.83	11,103	146.9	22.58	31	173.9	38.89
Arkansas	999	153.8	26.93	-	-	-	999	153.8	26.93	-	-	-
Louisiana	1,110	166.6	26.98	-	-	-	1,110	166.6	26.98	-	-	-
Oklahoma	1,120	142.9	24.94	122	122.0	25.20	1,242	140.5	24.96	-	-	-
Texas	7,635	144.6	21.04	152	127.9	22.74	7,756	144.0	21.01	31	173.9	36.89
Mountain	8,001	114.3	22.58	892	89.5	17.42	6,867	107.9	20.27	2,026	123.0	28.14
Arizona	1,271	146.1	30.19	20	144.7	29.24	1,221	144.1	29.57	71	176.1	40.70
Colorado	1,100	107.7	20.69	291	93.3	19.93	1,057	98.4	18.78	334	121.2	26.09
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	633	53.2	9.32	-	-	-	633	53.2	9.32	-	-	-
Nevada	641	151.8	33.72	8	149.5	34.66	422	135.0	29.18	228	180.6	42.18
New Mexico	1,391	129.0	23.67	-	-	-	1,391	129.0	23.67	-	-	-
Utah	1,247	112.1	25.80	146	103.6	24.76	-	-	-	1,393	111.2	25.69
Wyoming	1,717	86.6	15.67	427	74.5	12.31	2,144	84.3	15.00	-	-	-
Pacific	523	143.0	23.30	-	-	-	523	143.0	23.30	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	122	110.5	18.37	-	-	-	122	110.5	18.37	-	-	-
Washington	401	153.1	24.80	-	-	-	401	153.1	24.80	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	58,958	147.9	30.43	11,613	129.0	29.16	46,040	136.3	26.32	22,532	158.4	38.54

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Data for 1990 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 32. Receipts of Coal and Average Cost by Sulfur Content,
Census Division and State, August 1990**

Census Division and State	0.5% or Less			More than 0.5% up to 1.0%			More than 1.0% up to 1.5%		
	Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		Quantity	Average Delivered Cost	
		(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	76	221.6	58.19	52	182.2	46.76	301	175.9	45.97
Connecticut	76	221.6	58.19	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	52	182.2	46.76	301	175.9	45.97
New Hampshire	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	31	202.6	50.42	548	173.5	42.82	231	149.2	37.55
New Jersey	-	-	-	207	181.3	48.48	-	-	-
New York	26	211.0	57.28	138	194.7	48.54	27	164.3	42.98
Pennsylvania	5	109.8	14.24	203	148.1	33.17	203	147.1	36.82
East North Central	4,568	146.4	26.51	2,586	165.2	39.99	1,292	158.9	38.56
Illinois	517	289.5	55.42	243	165.7	41.67	60	109.0	23.68
Indiana	1,244	132.9	23.18	189	189.8	45.42	151	119.7	26.97
Michigan	1,757	133.6	25.02	1,320	172.1	42.43	362	176.2	46.08
Ohio	-	-	-	662	143.4	35.05	719	161.0	38.46
Wisconsin	1,050	108.1	18.70	172	170.3	31.87	-	-	-
West North Central	4,041	104.9	18.28	2,334	99.9	14.65	855	110.2	17.86
Iowa	1,028	105.9	17.98	22	131.1	27.90	-	-	-
Kansas	1,153	122.5	21.51	-	-	-	-	-	-
Minnesota	499	107.0	19.02	743	130.6	22.55	2	198.5	48.06
Missouri	675	100.3	17.96	81	120.3	22.45	220	199.5	46.73
Nebraska	686	76.5	13.11	-	-	-	-	-	-
North Dakota	-	-	-	1,278	71.9	9.48	634	56.8	7.78
South Dakota	-	-	-	205	111.5	13.54	-	-	-
South Atlantic	342	153.4	25.98	4,101	173.7	43.65	3,478	170.5	42.78
Delaware	-	-	-	153	186.1	48.35	44	173.6	45.39
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	-	-	-	746	175.5	44.71	493	188.6	47.56
Georgia	342	153.4	25.98	321	197.9	49.73	825	166.6	41.08
Maryland	-	-	-	233	153.7	39.31	151	153.3	39.07
North Carolina	-	-	-	1,237	181.9	45.28	587	171.6	43.81
South Carolina	-	-	-	107	170.0	43.02	677	170.0	43.15
Virginia	-	-	-	420	152.2	38.50	266	151.2	38.90
West Virginia	-	-	-	884	166.1	41.12	435	174.6	42.05
East South Central	-	-	-	1,874	178.2	43.79	825	142.3	34.78
Alabama	-	-	-	819	205.2	50.30	243	183.5	44.88
Kentucky	-	-	-	600	133.4	33.06	292	129.8	30.68
Mississippi	-	-	-	208	177.3	45.83	-	-	-
Tennessee	-	-	-	247	200.4	46.71	290	120.6	30.44
West South Central	6,452	189.8	29.12	2,459	104.5	13.58	1,698	103.0	13.39
Arkansas	999	153.8	28.93	-	-	-	-	-	-
Louisiana	1,069	167.0	27.20	41	155.1	21.28	-	-	-
Oklahoma	1,174	140.1	24.32	25	154.9	37.47	35	148.3	37.28
Texas	3,210	186.7	32.19	2,393	102.6	13.20	1,663	101.1	12.89
Mountain	5,010	109.4	22.17	3,638	115.0	21.86	245	119.4	22.92
Arizona	1,083	139.3	29.29	208	186.0	34.79	-	-	-
Colorado	1,358	104.5	20.49	34	99.6	22.35	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	18	100.1	13.45	615	52.2	9.21	-	-	-
Nevada	429	135.3	29.71	221	182.6	41.57	-	-	-
New Mexico	-	-	-	1,391	129.0	23.67	-	-	-
Utah	1,170	108.4	24.90	223	125.3	29.86	-	-	-
Wyoming	953	60.5	9.91	946	96.0	18.08	245	119.4	22.92
Pacific	122	110.5	18.37	401	153.1	24.80	-	-	-
California	-	-	-	-	-	-	-	-	-
Oregon	122	110.5	18.37	-	-	-	-	-	-
Washington	-	-	-	401	153.1	24.80	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U. S. Total	20,642	136.0	24.78	17,993	148.6	30.42	8,925	152.0	32.88

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Data for 1990 are preliminary.

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

**Table 32. Receipts of Coal and Average Cost by Sulfur Content,
Census Division and State, August 1990 (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	
	Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		(Cents per 10 ⁶ Btu)	(\$ per short ton)
		(1,000 short tons)	(Cents per 10 ⁶ Btu)		(1,000 short tons)	(Cents per 10 ⁶ Btu)		(1,000 short tons)	(Cents per 10 ⁶ Btu)		
New England	17	183.0	48.58	95	171.8	45.98	-	-	-	182.4	47.85
Connecticut	-	-	-	-	-	-	-	-	-	221.6	58.19
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	7	182.8	48.99	-	-	-	-	-	-	177.0	46.15
New Hampshire	10	183.1	48.25	95	171.8	45.98	-	-	-	172.8	46.20
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,702	152.5	37.52	1,980	150.3	38.06	612	145.5	35.42	153.2	38.13
New Jersey	-	-	-	46	169.9	45.07	-	-	-	179.2	47.86
New York	195	158.3	40.85	456	146.3	38.10	-	-	-	159.4	41.20
Pennsylvania	1,507	151.7	37.09	1,478	151.0	37.83	612	145.5	35.42	150.1	36.86
East North Central	1,120	149.4	35.45	3,209	139.1	31.88	3,503	144.9	32.63	149.2	32.60
Illinois	95	113.5	26.47	666	140.4	31.03	697	150.7	31.97	174.7	37.61
Indiana	368	153.3	33.41	1,218	122.4	27.09	1,206	131.6	29.47	133.5	27.95
Michigan	-	-	-	40	133.4	34.42	24	201.1	47.46	155.7	34.02
Ohio	345	147.0	36.50	1,135	150.0	30.22	1,543	152.0	35.30	151.2	38.11
Wisconsin	312	158.2	39.44	150	178.1	40.96	32	124.1	26.72	133.4	25.89
West North Central	72	149.7	33.82	873	143.1	32.08	857	133.9	29.61	112.9	19.84
Iowa	52	146.1	32.73	214	145.6	32.02	47	193.2	43.72	119.6	21.79
Kansas	-	-	-	182	146.9	33.43	6	125.7	30.40	126.6	23.17
Minnesota	20	159.0	35.94	2	119.7	25.32	-	-	-	121.9	21.40
Missouri	-	-	-	476	140.6	31.61	804	130.4	28.77	132.2	27.66
Nebraska	-	-	-	-	-	-	-	-	-	76.5	13.11
North Dakota	-	-	-	-	-	-	-	-	-	66.8	8.92
South Dakota	-	-	-	-	-	-	-	-	-	111.5	13.54
South Atlantic	1,536	157.9	39.78	1,641	169.9	41.74	1,120	146.5	35.68	167.4	41.43
Delaware	41	161.6	42.05	-	-	-	-	-	-	179.6	46.72
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	20	194.2	50.79	706	187.4	44.86	117	164.9	38.85	182.2	45.17
Georgia	296	170.7	43.70	312	188.9	45.04	343	176.9	39.92	174.5	40.76
Maryland	351	169.7	43.14	207	171.2	43.72	-	-	-	163.4	41.67
North Carolina	21	152.0	40.42	-	-	-	-	-	-	178.2	44.76
South Carolina	97	173.9	43.93	16	157.8	42.84	-	-	-	170.2	43.21
Virginia	4	142.8	35.77	-	-	-	-	-	-	151.7	38.64
West Virginia	706	143.0	35.41	401	127.1	32.60	660	129.5	32.92	148.8	37.09
East South Central	624	135.9	33.02	2,206	134.9	31.83	1,316	116.8	25.97	144.9	34.42
Alabama	171	168.1	40.56	474	173.5	42.51	91	124.4	28.83	186.5	45.50
Kentucky	38	121.5	29.14	847	113.3	26.07	1,217	116.1	25.63	120.5	27.78
Mississippi	-	-	-	115	149.2	36.92	7	122.9	28.32	166.7	42.22
Tennessee	415	124.1	30.27	770	131.2	30.84	-	-	-	137.2	32.91
West South Central	520	119.4	14.87	-	-	-	8	107.3	27.81	147.0	22.62
Arkansas	-	-	-	-	-	-	-	-	-	153.8	26.93
Louisiana	-	-	-	-	-	-	-	-	-	166.6	26.98
Oklahoma	-	-	-	-	-	-	8	107.3	27.81	140.5	24.96
Texas	520	119.4	14.87	-	-	-	-	-	-	144.2	21.08
Mountain	-	-	-	-	-	-	-	-	-	111.9	22.07
Arizona	-	-	-	-	-	-	-	-	-	146.1	30.18
Colorado	-	-	-	-	-	-	-	-	-	104.4	20.53
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	53.2	9.32
Nevada	-	-	-	-	-	-	-	-	-	151.8	33.74
New Mexico	-	-	-	-	-	-	-	-	-	129.0	23.67
Utah	-	-	-	-	-	-	-	-	-	111.2	25.69
Wyoming	-	-	-	-	-	-	-	-	-	84.3	15.00
Pacific	-	-	-	-	-	-	-	-	-	143.0	23.30
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	110.5	18.37
Washington	-	-	-	-	-	-	-	-	-	153.1	24.80
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	5,591	150.0	35.10	10,005	146.4	34.86	7,416	139.1	31.77	144.5	30.22

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Data for 1990 are preliminary.

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

Table 33. Receipts of Petroleum by Type, Census Division, and State, August 1990

Census Division and State	Type of Petroleum									
	No. 2 Fuel Oil		No. 4 Fuel Oil ¹		No. 5 Fuel Oil ¹		No. 6 Fuel Oil		Total	
	Receipts (thousand barrels)	Receipts (billion Btu)	Receipts (thousand barrels)	Receipts (billion Btu)	Receipts (thousand barrels)	Receipts (billion Btu)	Receipts (thousand barrels)	Receipts (billion Btu)	Receipts (thousand barrels)	Receipts (billion Btu)
New England	11	65	-	-	-	-	2,442	15,483	2,453	15,548
Connecticut	4	23	-	-	-	-	956	6,046	960	6,069
Maine	1	6	-	-	-	-	219	1,378	220	1,384
Massachusetts	4	22	-	-	-	-	1,089	6,880	1,093	6,902
New Hampshire	2	14	-	-	-	-	178	1,179	181	1,193
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	74	432	-	-	-	-	6,998	44,198	7,073	44,828
New Jersey	31	179	-	-	-	-	709	4,431	740	4,810
New York	3	16	-	-	-	-	5,148	32,523	5,151	32,540
Pennsylvania	41	237	-	-	-	-	1,141	7,241	1,182	7,478
East North Central	147	853	-	-	-	-	340	2,158	487	3,011
Illinois	58	338	-	-	-	-	308	1,980	366	2,298
Indiana	37	215	-	-	-	-	-	-	37	215
Michigan	31	181	-	-	-	-	33	198	64	380
Ohio	16	92	-	-	-	-	-	-	16	92
Wisconsin	5	26	-	-	-	-	-	-	5	26
West North Central	15	84	-	-	-	-	7	44	21	128
Iowa	5	28	-	-	-	-	-	-	5	28
Kansas	-	1	-	-	-	-	-	-	-	1
Minnesota	4	21	-	-	-	-	-	-	4	21
Missouri	6	33	-	-	-	-	7	44	13	77
Nebraska	-	-	-	-	-	-	-	-	-	-
North Dakota	-	1	-	-	-	-	-	-	-	1
South Dakota	-	-	-	-	-	-	-	-	-	-
South Atlantic	164	959	203	1,223	-	-	7,202	45,603	7,569	47,785
Delaware	7	39	-	-	-	-	294	1,875	300	1,914
District of Columbia	-	-	203	1,223	-	-	-	-	203	1,223
Florida	45	266	-	-	-	-	5,781	36,644	5,826	36,910
Georgia	21	119	-	-	-	-	8	50	28	169
Maryland	18	102	-	-	-	-	733	4,625	751	4,727
North Carolina	22	127	-	-	-	-	-	-	22	127
South Carolina	1	6	-	-	-	-	-	-	1	6
Virginia	17	100	-	-	-	-	387	2,409	404	2,509
West Virginia	34	199	-	-	-	-	-	-	34	199
East South Central	40	233	-	-	-	-	100	633	140	867
Alabama	12	67	-	-	-	-	-	-	12	67
Kentucky	12	68	-	-	-	-	-	-	12	68
Mississippi	2	9	-	-	-	-	100	633	101	642
Tennessee	15	90	-	-	-	-	-	-	15	90
West South Central	68	404	3	20	-	-	72	449	144	873
Arkansas	8	45	-	-	-	-	-	-	8	45
Louisiana	40	238	-	-	-	-	70	434	109	672
Oklahoma	-	-	-	-	-	-	-	-	-	-
Texas	21	121	3	20	-	-	2	15	26	156
Mountain	29	171	-	-	-	-	31	194	60	365
Arizona	7	44	-	-	-	-	3	19	10	63
Colorado	1	7	-	-	-	-	-	-	1	7
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	4	24	-	-	-	-	-	-	4	24
Nevada	1	6	-	-	-	-	28	175	29	181
New Mexico	3	19	-	-	-	-	-	-	3	19
Utah	3	18	-	-	-	-	-	-	3	18
Wyoming	9	54	-	-	-	-	-	-	9	54
Pacific	3	18	-	-	-	-	470	2,888	473	2,908
California	-	-	-	-	-	-	470	2,888	470	2,888
Oregon	-	-	-	-	-	-	-	-	-	-
Washington	3	18	-	-	-	-	-	-	3	18
Pacific Noncontiguous	-	-	-	-	-	-	900	5,650	900	5,650
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	900	5,650	900	5,650
U. S. Total	552	3,220	206	1,242	-	-	10,582	117,299	10,320	121,762

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

* = Number less than 0.05 rounded to zero.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Data for 1990 are preliminary.

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

Table 34. Receipts of Petroleum and Average Cost by Census Division and State

Census Division and State	August 1990 ¹		August 1989 ¹		Year to Date			
	thousand barrels	Receipts (billion Btu)	thousand barrels	Receipts (billion Btu)	Receipts (billion Btu)		Average Cost (cents per million Btu)	
					1990 ¹	1989 ¹	1990 ¹	1989 ¹
New England	2,453	15,548	4,123	26,167	240,024	263,460	265.1	262.2
Connecticut	960	6,069	1,032	6,520	73,835	87,315	276.2	277.4
Maine	220	1,384	357	2,244	20,251	20,246	259.7	267.2
Massachusetts	1,093	6,902	2,320	14,673	123,361	127,601	267.4	259.4
New Hampshire	181	1,193	415	2,730	20,587	24,926	207.8	218.9
Rhode Island	-	-	-	-	1,990	3,372	354.4	260.6
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	7,073	44,628	7,796	49,192	333,324	393,991	325.8	283.4
New Jersey	740	4,610	1,421	8,871	27,115	57,224	328.6	288.3
New York	5,151	32,540	5,167	32,604	270,148	274,253	326.6	283.3
Pennsylvania	1,182	7,478	1,218	7,717	36,062	62,513	317.9	279.0
East North Central	487	3,011	720	4,397	20,798	26,826	351.4	329.3
Illinois	366	2,298	179	1,116	9,322	9,922	350.2	339.0
Indiana	37	215	62	355	1,421	1,568	440.0	394.1
Michigan	64	380	379	2,310	7,483	11,196	317.9	310.5
Ohio	16	92	97	599	2,390	3,751	403.4	327.7
Wisconsin	5	26	3	18	202	389	409.1	374.4
West North Central	21	128	32	194	1,466	1,691	393.3	343.9
Iowa	5	28	3	20	298	186	424.2	399.4
Kansas	-	1	-	-	144	239	426.2	403.0
Minnesota	4	21	1	7	108	86	475.5	424.8
Missouri	13	77	19	115	712	391	356.6	323.8
Nebraska	-	-	3	16	14	412	394.9	232.5
North Dakota	-	1	6	37	162	333	396.8	397.9
South Dakota	-	-	-	-	29	42	484.7	444.1
South Atlantic	7,569	47,785	6,099	38,340	246,300	300,915	275.7	273.1
Delaware	300	1,914	328	2,066	11,300	16,212	265.7	267.0
District of Columbia	203	1,223	135	810	4,392	5,430	354.0	320.7
Florida	5,826	36,910	3,561	22,608	183,103	193,067	262.2	270.0
Georgia	28	169	13	73	1,359	920	425.4	369.5
Maryland	751	4,727	1,080	6,808	33,233	46,148	290.7	265.2
North Carolina	22	127	20	116	1,009	831	456.5	377.7
South Carolina	1	6	1	7	206	249	508.1	384.7
Virginia	404	2,509	896	5,515	12,327	36,117	359.2	281.3
West Virginia	34	199	58	337	1,372	1,941	488.5	434.0
East South Central	140	867	75	457	7,357	8,237	289.7	290.9
Alabama	12	67	13	78	381	524	458.7	391.0
Kentucky	12	68	20	118	610	716	478.5	446.7
Mississippi	101	642	36	225	6,070	6,521	252.5	259.1
Tennessee	15	90	6	36	297	477	445.1	381.8
West South Central	144	873	154	897	5,834	7,892	430.3	361.4
Arkansas	8	45	6	35	552	919	475.6	395.4
Louisiana	109	672	15	92	1,733	1,030	337.2	438.4
Oklahoma	-	-	10	56	2	148	401.8	390.5
Texas	26	156	123	715	3,347	5,596	471.0	342.6
Mountain	60	365	74	449	4,067	5,227	375.9	321.7
Arizona	11	63	22	134	1,481	1,313	415.4	389.8
Colorado	1	7	2	12	162	117	470.9	374.5
Idaho	-	-	-	-	-	-	-	-
Montana	4	24	4	24	148	178	454.4	416.3
Nevada	29	181	27	170	1,596	2,679	292.9	253.5
New Mexico	3	19	1	3	196	238	422.7	385.1
Utah	3	18	5	29	88	165	442.3	422.2
Wyoming	9	54	13	77	396	539	456.0	393.1
Pacific Contiguous	473	2,906	701	4,351	58,011	34,570	394.5	311.6
California	470	2,888	701	4,351	57,806	34,238	394.3	311.5
Oregon	-	-	-	-	78	48	347.3	427.8
Washington	3	18	-	-	127	284	495.1	310.2
Pacific Noncontiguous	900	5,650	787	4,953	41,718	42,162	351.4	332.8
Alaska	-	-	-	-	-	-	-	-
Hawaii	900	5,650	787	4,953	41,718	42,162	351.4	332.8
U.S. Total	19,320	121,762	20,563	129,398	960,701	1,084,771	304.2	280.2

¹ Data for 1989 are revised and final. Data for 1990 are preliminary.

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

Notes: *Totals may not equal sum of components because of independent rounding. *Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. *The August 1990 petroleum coke receipts were 55,600 short tons and the cost was 81.2 cents per million Btu.

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

Table 35. Receipts of Petroleum and Average Cost by Type of Petroleum, Census Division and State, August 1990

Census Division and State	Fuel Oil No. 6 by Type of Purchase						Averaged Delivered Cost of Fuel Oils					
	Contract			Spot			No. 2		No. 4-No. 5		No. 6	
	Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		(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	2,279	301.1	19.09	163	345.7	21.90	566.5	33.04	-	-	304.1	19.28
Connecticut	792	320.6	20.28	163	345.7	21.90	590.8	34.44	-	-	324.9	20.66
Maine	219	261.8	16.46	-	-	-	539.1	31.64	-	-	261.8	16.46
Massachusetts	1,089	317.7	20.07	-	-	-	562.7	32.96	-	-	317.7	20.07
New Hampshire	178	166.9	11.05	-	-	-	545.0	31.53	-	-	166.9	11.05
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	4,608	371.9	23.44	2,391	361.7	22.92	558.5	32.58	-	-	368.4	23.27
New Jersey	675	390.7	24.42	34	388.0	24.01	580.8	33.91	-	-	390.5	24.40
New York	3,101	373.5	23.53	2,047	363.4	23.06	577.9	33.43	-	-	369.5	23.34
Pennsylvania	831	351.1	22.34	310	347.4	21.89	540.4	31.51	-	-	350.1	22.22
East North Central	250	366.5	23.41	90	258.7	16.08	526.8	30.53	-	-	338.5	21.47
Illinois	250	366.5	23.41	58	258.5	16.29	582.8	33.85	-	-	346.5	22.08
Indiana	-	-	-	-	-	-	491.7	28.39	-	-	-	-
Michigan	-	-	-	33	259.0	15.72	435.5	25.21	-	-	259.0	15.72
Ohio	-	-	-	-	-	-	601.2	34.82	-	-	-	-
Wisconsin	-	-	-	-	-	-	463.1	27.14	-	-	-	-
West North Central	-	-	-	7	158.6	10.22	601.8	34.87	-	-	158.6	10.22
Iowa	-	-	-	-	-	-	615.5	35.77	-	-	-	-
Kansas	-	-	-	-	-	-	598.9	34.71	-	-	-	-
Minnesota	-	-	-	-	-	-	643.4	37.06	-	-	-	-
Missouri	-	-	-	7	158.6	10.22	566.4	32.84	-	-	158.6	10.22
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	535.7	31.50	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	4,289	362.7	22.96	2,913	313.4	19.86	545.2	31.81	429.9	25.89	342.7	21.70
Delaware	177	337.1	21.55	117	253.8	16.17	533.4	31.41	-	-	304.1	19.41
District of Columbia	-	-	-	-	-	-	-	-	429.9	25.89	-	-
Florida	2,392	358.8	22.76	2,789	316.1	20.02	560.2	32.78	-	-	338.2	21.44
Georgia	-	-	-	8	245.1	15.37	616.5	35.73	-	-	245.1	15.37
Maryland	733	349.6	22.06	-	-	-	535.6	30.90	-	-	349.6	22.06
North Carolina	-	-	-	-	-	-	568.2	33.00	-	-	-	-
South Carolina	-	-	-	-	-	-	507.4	29.41	-	-	-	-
Virginia	387	429.9	26.79	-	-	-	458.4	26.93	-	-	429.9	26.79
West Virginia	-	-	-	-	-	-	520.0	30.44	-	-	-	-
East South Central	100	217.7	13.83	-	-	-	572.4	33.29	-	-	217.7	13.83
Alabama	-	-	-	-	-	-	615.2	35.46	-	-	-	-
Kentucky	-	-	-	-	-	-	532.4	31.02	-	-	-	-
Mississippi	100	217.7	13.83	-	-	-	488.3	29.89	-	-	217.7	13.83
Tennessee	-	-	-	-	-	-	578.4	33.71	-	-	-	-
West South Central	18	266.5	16.23	54	246.9	15.50	494.9	29.32	297.0	17.76	251.7	15.88
Arkansas	-	-	-	-	-	-	459.5	26.59	-	-	-	-
Louisiana	18	266.5	16.23	52	242.2	15.20	508.3	30.45	-	-	248.3	15.47
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	2	350.0	21.83	481.8	28.17	297.0	17.76	350.0	21.83
Mountain	-	-	-	31	276.0	17.24	519.5	30.52	-	-	276.0	17.24
Arizona	-	-	-	3	341.7	21.19	601.0	35.89	-	-	341.7	21.19
Colorado	-	-	-	-	-	-	605.1	34.95	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	404.0	23.92	-	-	-	-
Nevada	-	-	-	28	268.8	16.80	657.6	38.25	-	-	268.8	16.80
New Mexico	-	-	-	-	-	-	655.6	37.45	-	-	-	-
Utah	-	-	-	-	-	-	414.4	24.37	-	-	-	-
Wyoming	-	-	-	-	-	-	464.4	27.17	-	-	-	-
Pacific	450	220.1	13.50	20	227.4	14.28	476.0	27.99	-	-	220.4	13.53
California	450	220.1	13.50	20	227.4	14.28	-	-	-	-	220.4	13.53
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	476.0	27.99	-	-	-	-
Pacific Noncontiguous	900	282.3	17.73	-	-	-	-	-	-	-	282.3	17.73
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	900	282.3	17.73	-	-	-	-	-	-	-	282.3	17.73
U. S. Total	12,892	343.4	21.68	5,670	332.5	21.06	538.0	31.39	427.8	25.76	340.1	21.49

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Data for 1990 are preliminary.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 36. Receipts of Heavy Oil and Average Cost by Sulfur Content, Census Division and State, August 1990

Census Division and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		Quantity	Average Delivered Cost	
		(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	-	-	-	401	301.7	18.95	776	319.2	20.24
Connecticut	-	-	-	182	350.1	21.94	774	319.1	20.23
Maine	-	-	-	219	261.8	16.46	-	-	-
Massachusetts	-	-	-	-	-	-	2	361.1	24.30
New Hampshire	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,692	401.9	25.00	940	396.6	24.93	2,737	347.4	22.13
New Jersey	402	427.2	26.37	34	388.0	24.01	274	338.6	21.55
New York	1,290	394.0	24.58	457	420.5	26.21	1,771	353.6	22.56
Pennsylvania	-	-	-	449	373.3	23.69	692	335.0	21.26
East North Central	-	-	-	-	-	-	340	338.5	21.47
Illinois	-	-	-	-	-	-	308	346.5	22.08
Indiana	-	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	33	259.0	15.72
Ohio	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
South Atlantic	-	-	-	-	-	-	5,612	358.7	22.66
Delaware	-	-	-	-	-	-	228	307.0	19.61
District of Columbia	-	-	-	-	-	-	203	429.9	25.89
Florida	-	-	-	-	-	-	4,061	353.2	22.38
Georgia	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	733	349.6	22.06
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	387	429.9	26.79
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	40	238.3	14.89	-	-	-	6	320.0	19.48
Arkansas	-	-	-	-	-	-	-	-	-
Louisiana	40	238.3	14.89	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	6	320.0	19.48
Mountain	-	-	-	-	-	-	31	276.0	17.24
Arizona	-	-	-	-	-	-	3	341.7	21.10
Colorado	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	28	268.8	16.80
New Mexico	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific	450	220.1	13.50	-	-	-	-	-	-
California	450	220.1	13.50	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	900	282.3	17.73	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	900	282.3	17.73	-	-	-
U. S. Total	2,182	361.8	22.45	2,240	333.7	20.97	9,501	351.2	22.25

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator 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 1990 are preliminary.

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

Table 36. Receipts of Heavy Oil and Average Cost by Sulfur Content, Census Division and State, August 1990 (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	
	Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		Quantity	Average Delivered Cost			
		(Cents per 10 ⁶ Btu)	(\$ per bbl)		(Cents per 10 ⁶ Btu)	(\$ per bbl)		(Cents per 10 ⁶ Btu)	(\$ per bbl)		
New England	660	251.8	16.10	605	343.8	21.73	-	-	-	304.1	19.28
Connecticut	-	-	-	-	-	-	-	-	-	324.9	20.56
Maine	-	-	-	-	-	-	-	-	-	261.8	16.46
Massachusetts	482	284.6	17.97	605	343.8	21.73	-	-	-	317.7	20.07
New Hampshire	178	166.9	11.05	-	-	-	-	-	-	166.9	11.05
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,630	353.6	22.41	-	-	-	-	-	-	368.4	23.27
New Jersey	-	-	-	-	-	-	-	-	-	390.5	24.40
New York	1,630	353.6	22.41	-	-	-	-	-	-	369.5	23.34
Pennsylvania	-	-	-	-	-	-	-	-	-	350.1	22.22
East North Central	-	-	-	-	-	-	-	-	-	338.5	21.47
Illinois	-	-	-	-	-	-	-	-	-	346.5	22.08
Indiana	-	-	-	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-	-	259.0	15.72
Ohio	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-
West North Central	7	158.6	10.22	-	-	-	-	-	-	158.6	10.22
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-	-	-
Missouri	7	158.6	10.22	-	-	-	-	-	-	158.6	10.22
Nebraska	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	1,255	299.9	19.04	538	307.9	19.50	-	-	-	345.0	21.82
Delaware	-	-	-	66	294.0	18.72	-	-	-	304.1	19.41
District of Columbia	-	-	-	-	-	-	-	-	-	429.9	25.89
Florida	1,255	299.9	19.04	465	310.9	19.69	-	-	-	338.2	21.44
Georgia	-	-	-	8	245.1	15.37	-	-	-	245.1	15.37
Maryland	-	-	-	-	-	-	-	-	-	349.6	22.06
North Carolina	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	429.9	26.79
West Virginia	-	-	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	100	217.7	13.83	-	-	-	217.7	13.83
Alabama	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	100	217.7	13.83	-	-	-	217.7	13.83
Tennessee	-	-	-	-	-	-	-	-	-	-	-
West South Central	30	261.5	16.23	-	-	-	-	-	-	253.6	15.77
Arkansas	-	-	-	-	-	-	-	-	-	-	-
Louisiana	30	261.5	16.23	-	-	-	-	-	-	248.3	15.47
Oklahoma	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	320.0	19.48
Mountain	-	-	-	-	-	-	-	-	-	276.0	17.24
Arizona	-	-	-	-	-	-	-	-	-	341.7	21.19
Colorado	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	268.8	16.80
New Mexico	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-
Pacific	20	227.4	14.28	-	-	-	-	-	-	220.4	13.53
California	20	227.4	14.28	-	-	-	-	-	-	220.4	13.53
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	282.3	17.73
Alaska	-	-	-	-	-	-	-	-	-	282.3	17.73
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	3,602	314.3	19.96	1,243	318.1	20.14	-	-	-	341.0	21.54

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator 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 1990 are preliminary.

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

Table 37. Receipts of Gas by Type, Census Division, and State, August 1990

Census Division and State	Type of Gas							
	Natural Gas		Blast-Furnace		Refinery Gas		Total	
	Receipts (thousand Mcf)	Receipts (billion Btu)	Receipts (thousand Mcf)	Receipts (billion Btu)	Receipts (thousand Mcf)	Receipts (billion Btu)	Receipts (thousand Mcf)	Receipts (billion Btu)
New England	9,261	9,663	-	-	-	-	9,261	9,663
Connecticut	1,148	1,188	-	-	-	-	1,148	1,188
Maine	-	-	-	-	-	-	-	-
Massachusetts	7,005	7,329	-	-	-	-	7,005	7,329
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	1,108	1,145	-	-	-	-	1,108	1,145
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	33,669	34,789	-	-	-	-	33,669	34,789
New Jersey	7,473	7,719	-	-	-	-	7,473	7,719
New York	26,188	27,062	-	-	-	-	26,188	27,062
Pennsylvania	8	8	-	-	-	-	8	8
East North Central	2,558	2,583	1,288	100	-	-	3,846	2,684
Illinois	816	830	-	-	-	-	816	830
Indiana	967	968	-	-	-	-	967	968
Michigan	405	414	1,288	100	-	-	1,693	515
Ohio	244	244	-	-	-	-	244	244
Wisconsin	126	126	-	-	-	-	126	126
West North Central	4,552	4,587	-	-	-	-	4,552	4,587
Iowa	193	195	-	-	-	-	193	195
Kansas	2,990	3,008	-	-	-	-	2,990	3,008
Minnesota	288	288	-	-	-	-	288	288
Missouri	870	890	-	-	-	-	870	890
Nebraska	211	206	-	-	-	-	211	206
North Dakota	*	*	-	-	-	-	*	*
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	21,501	21,958	-	-	130	137	21,631	22,095
Delaware	757	783	-	-	119	126	877	908
District of Columbia	-	-	-	-	-	-	-	-
Florida	14,564	14,771	-	-	-	-	14,564	14,771
Georgia	532	545	-	-	-	-	532	545
Maryland	3,775	3,941	-	-	-	-	3,775	3,941
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1,729	1,769	-	-	-	-	1,729	1,769
Virginia	140	145	-	-	11	11	150	157
West Virginia	4	4	-	-	-	-	4	4
East South Central	9,447	9,770	-	-	-	-	9,447	9,770
Alabama	183	188	-	-	-	-	183	188
Kentucky	13	13	-	-	-	-	13	13
Mississippi	9,251	9,569	-	-	-	-	9,251	9,569
Tennessee	-	-	-	-	-	-	-	-
West South Central	161,163	167,645	-	-	-	-	161,163	167,645
Arkansas	4,870	4,929	-	-	-	-	4,870	4,929
Louisiana	29,300	30,635	-	-	-	-	29,300	30,635
Oklahoma	17,332	18,079	-	-	-	-	17,332	18,079
Texas	109,661	114,002	-	-	-	-	109,661	114,002
Mountain	6,728	6,934	-	-	-	-	6,728	6,934
Arizona	738	761	-	-	-	-	738	761
Colorado	410	404	-	-	-	-	410	404
Idaho	-	-	-	-	-	-	-	-
Montana	29	35	-	-	-	-	29	35
Nevada	2,896	2,983	-	-	-	-	2,896	2,983
New Mexico	2,649	2,746	-	-	-	-	2,649	2,746
Utah	-	-	-	-	-	-	-	-
Wyoming	5	5	-	-	-	-	5	5
Pacific	54,128	56,132	-	-	-	-	54,128	56,132
California	54,128	56,132	-	-	-	-	54,128	56,132
Oregon	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U. S. Total	303,006	314,062	1,288	100	130	137	304,424	314,300

* = Number less than 0.05 rounded to zero.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Data for 1990 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 38. Receipts of Gas and Average Cost by Census Division and State

Census Division and State	August 1990 ¹		August 1989 ¹		Year to Date			
	thousand Mcf	Receipts (billion Btu)	thousand Mcf	Receipts (billion Btu)	Receipts (billion Btu)		Average Cost (cents per million Btu)	
					1990 ¹	1989 ¹	1990 ¹	1989 ¹
New England	9,261	9,663	5,871	6,030	38,969	31,985	211.7	243.7
Connecticut	1,148	1,188	144	149	2,151	1,765	210.5	261.3
Maine	-	-	-	-	-	-	-	-
Massachusetts	7,005	7,329	5,260	5,401	33,394	28,693	212.7	242.6
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	1,108	1,145	467	480	3,424	1,526	202.1	243.3
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	33,659	34,789	26,561	27,439	158,929	161,502	217.3	238.3
New Jersey	7,473	7,719	5,476	5,666	22,330	33,378	210.2	245.4
New York	26,188	27,062	21,060	21,747	136,495	127,966	218.4	236.3
Pennsylvania	8	8	25	26	104	157	295.4	350.5
East North Central	3,846	2,684	1,751	825	13,054	9,134	253.3	288.3
Illinois	816	830	443	452	4,448	3,952	278.4	331.8
Indiana	967	968	123	124	3,808	2,549	254.8	264.8
Michigan	1,693	515	1,052	116	3,109	1,314	205.2	173.9
Ohio	244	244	50	51	687	492	243.9	303.8
Wisconsin	126	126	83	83	1,002	827	292.2	324.7
West North Central	4,552	4,587	4,077	3,992	20,283	15,907	185.6	205.7
Iowa	193	195	121	122	1,418	1,181	302.1	276.6
Kansas	2,990	3,008	3,502	3,415	14,731	11,486	173.5	191.8
Minnesota	288	288	253	255	1,650	1,408	191.2	211.2
Missouri	870	890	55	56	1,272	417	176.3	237.0
Nebraska	211	206	146	144	1,213	1,415	199.4	245.1
North Dakota	-	-	-	-	-	-	387.9	440.7
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	21,631	22,095	19,707	20,077	124,609	132,213	234.4	248.7
Delaware	877	908	1,073	1,158	3,903	4,724	245.2	259.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	14,564	14,771	15,829	16,006	106,655	108,935	235.9	246.7
Georgia	532	545	33	34	1,100	537	298.5	308.9
Maryland	3,775	3,941	2,220	2,313	8,581	13,133	231.6	261.3
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1,729	1,769	339	346	3,822	1,170	168.7	220.5
Virginia	150	157	204	210	421	3,632	202.5	245.5
West Virginia	4	4	9	9	126	81	460.0	450.9
East South Central	9,447	9,770	5,857	6,008	34,991	29,622	170.5	184.1
Alabama	183	188	90	93	1,773	1,136	206.0	217.1
Kentucky	13	13	17	17	170	270	311.0	264.1
Mississippi	9,251	9,569	5,750	5,898	33,048	28,217	167.8	182.0
Tennessee	-	-	-	-	-	-	-	-
West South Central	161,163	167,645	157,259	163,293	981,059	984,556	207.8	215.2
Arkansas	4,870	4,929	4,905	4,972	21,316	21,196	148.5	159.2
Louisiana	29,300	30,635	26,271	27,503	167,030	154,044	161.7	171.3
Oklahoma	17,332	18,079	15,833	16,565	103,478	107,620	304.4	289.1
Texas	109,661	114,002	110,250	114,254	689,235	701,696	206.3	215.1
Mountain	6,728	6,934	8,991	9,301	47,290	55,786	204.2	212.2
Arizona	738	761	3,453	3,579	9,890	20,098	236.0	218.6
Colorado	410	404	71	70	1,623	3,571	219.6	219.1
Idaho	-	-	-	-	-	-	-	-
Montana	29	35	28	35	209	277	166.4	107.8
Nevada	2,896	2,983	2,913	3,018	16,965	14,122	197.8	203.0
New Mexico	2,649	2,746	2,519	2,593	18,417	17,669	189.4	212.0
Utah	-	-	-	-	141	-	503.5	-
Wyoming	5	5	6	6	45	51	335.0	349.4
Pacific Contiguous	54,128	56,132	52,409	54,530	302,754	315,533	297.9	285.1
California	54,128	56,132	52,409	54,530	302,754	315,533	297.9	285.1
Oregon	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	304,424	314,300	282,461	291,494	1,721,939	1,736,238	225.7	232.8

¹ Data for 1989 are revised and final. Data for 1990 are preliminary.

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

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator 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 39. Receipts of Gas and Average Cost by Type of Purchase, Census Division and State, August 1990

Census Division and State	Type of Purchase											
	Firm Gas			Interruptible Gas			Off-Peak Gas			Total Gas		
	Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		Quantity	Average Delivered Cost		Quantity	Average Delivered Cost	
	(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	239	238.0	2.45	8,696	213.7	2.23	326	215.1	2.23	9,261	214.4	2.24
Connecticut	-	-	-	822	218.5	2.26	326	215.1	2.23	1,148	217.5	2.25
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	239	238.0	2.45	6,766	214.5	2.25	-	-	-	7,005	215.3	2.25
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	1,108	205.2	2.12	-	-	-	1,108	205.2	2.12
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	3,474	189.3	1.95	25,768	196.5	2.03	4,427	184.1	1.90	33,669	194.1	2.01
New Jersey	-	-	-	7,473	192.1	1.98	-	-	-	7,473	192.1	1.98
New York	3,474	189.3	1.95	18,287	198.2	2.05	4,427	184.1	1.90	26,188	194.6	2.01
Pennsylvania	-	-	-	8	299.5	3.08	-	-	-	8	299.5	3.08
East North Central	1,457	236.4	2.38	2,389	221.3	1.13	-	-	-	3,846	229.6	1.60
Illinois	110	439.4	4.50	706	210.2	2.14	-	-	-	816	241.3	2.45
Indiana	962	233.6	2.34	4	320.7	3.29	-	-	-	967	234.0	2.34
Michigan	149	179.1	1.86	1,544	220.9	.51	-	-	-	1,693	208.3	.63
Ohio	236	188.9	1.89	8	341.8	3.48	-	-	-	244	194.3	1.94
Wisconsin	-	-	-	126	273.4	2.75	-	-	-	126	273.4	2.75
West North Central	266	210.3	2.08	4,249	170.2	1.72	37	206.3	2.07	4,552	172.7	1.74
Iowa	30	375.0	3.87	163	300.7	3.02	-	-	-	193	312.6	3.15
Kansas	229	188.4	1.85	2,761	165.4	1.67	-	-	-	2,990	167.1	1.68
Minnesota	-	-	-	251	168.4	1.69	37	206.3	2.07	288	173.3	1.74
Missouri	-	-	-	870	151.2	1.55	-	-	-	870	151.2	1.55
Nebraska	7	178.4	1.78	204	216.1	2.11	-	-	-	211	214.8	2.10
North Dakota	-	-	-	-	383.0	3.83	-	-	-	-	383.0	3.83
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	11,091	283.8	2.86	10,540	206.6	2.14	-	-	-	21,631	245.7	2.51
Delaware	119	234.8	2.48	757	222.1	2.29	-	-	-	877	223.9	2.32
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	10,864	284.3	2.87	3,701	199.2	2.06	-	-	-	14,564	262.3	2.66
Georgia	108	290.3	2.99	423	286.5	2.93	-	-	-	532	287.3	2.94
Maryland	-	-	-	3,775	219.6	2.29	-	-	-	3,775	219.6	2.29
North Carolina	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	1,729	165.0	1.69	-	-	-	1,729	165.0	1.69
Virginia	-	-	-	150	216.5	2.26	-	-	-	150	216.5	2.26
West Virginia	-	-	-	4	663.2	6.63	-	-	-	4	663.2	6.63
East South Central	933	158.1	1.66	8,505	156.4	1.62	9	213.0	2.18	9,447	156.7	1.62
Alabama	-	-	-	183	184.0	1.89	-	-	-	183	184.0	1.89
Kentucky	4	296.8	2.97	-	-	-	9	213.0	2.18	13	239.6	2.44
Mississippi	929	157.5	1.65	8,322	155.8	1.61	-	-	-	9,251	156.0	1.61
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	111,394	210.0	2.19	49,562	184.4	1.92	206	170.0	1.95	161,163	202.1	2.10
Arkansas	242	86.3	1.00	4,628	147.1	1.48	-	-	-	4,870	143.7	1.45
Louisiana	14,101	136.6	1.43	15,199	168.4	1.76	-	-	-	29,300	153.1	1.60
Oklahoma	7,242	247.0	2.60	10,090	274.5	2.85	-	-	-	17,332	262.9	2.74
Texas	89,809	218.9	2.27	19,645	159.3	1.66	206	170.0	1.95	109,661	208.1	2.16
Mountain	1,110	203.1	2.08	5,617	185.8	1.92	-	-	-	6,728	188.7	1.94
Arizona	181	253.2	2.61	557	215.1	2.22	-	-	-	738	224.4	2.31
Colorado	56	277.7	2.74	354	204.9	2.01	-	-	-	410	214.9	2.11
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	28	159.3	1.93	1	373.1	4.24	-	-	-	29	166.2	2.01
Nevada	-	-	-	2,896	189.5	1.95	-	-	-	2,896	189.5	1.95
New Mexico	845	189.2	1.93	1,804	167.2	1.74	-	-	-	2,649	174.1	1.80
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	5	311.9	3.23	-	-	-	5	311.9	3.23
Pacific	-	-	-	54,128	275.9	2.86	-	-	-	54,128	275.9	2.86
California	-	-	-	54,128	275.9	2.86	-	-	-	54,128	275.9	2.86
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	129,964	215.5	2.23	169,455	217.2	2.23	5,005	185.7	1.93	304,424	215.9	2.23

* - Number less than 0.05 rounded to zero.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Data for 1990 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."

Sales/Average Revenue per Kilowatthour

Table 40. Sales of Electricity by Sector
(Million Kilowatthours)

Year and Month	Residential		Commercial		Industrial		Other ¹		U.S. Total	
	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³
1980	717,495		488,155		815,087		73,732		2,094,449	
1981	722,265		514,338		825,743		84,758		2,147,103	
1982	729,520		528,397		744,949		85,575		2,086,441	
1983	750,948		543,788		775,999		80,219		2,150,955	
1984	777,854	780,092	578,281	582,621	840,588	837,836	81,849	85,248	2,278,372	2,285,798
1985	790,977	793,934	608,988	605,989	824,523	836,772	85,075	87,279	2,309,543	2,323,974
1986	817,863	819,088	641,469	630,520	808,292	830,531	83,409	88,015	2,350,835	2,368,753
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	2,587,949	2,578,062
1989 ⁴	903,979		725,229		926,376		91,066		2,648,651	
1988										
January	89,508		57,543		70,989		6,881		224,921	
February	80,232		55,468		71,750		6,797		214,247	
March	71,406		53,886		72,487		6,577		204,356	
April	61,390		52,272		71,794		6,385		191,840	
May	57,569		52,911		73,782		6,438		190,700	
June	68,775		60,177		76,255		6,941		212,148	
July	87,007		66,067		76,304		7,246		236,625	
August	94,207		68,374		79,611		7,370		249,561	
September	77,531		63,159		77,573		7,159		225,421	
October	63,761		57,358		76,560		6,982		204,661	
November	63,629		53,889		74,147		6,654		198,319	
December	77,111		56,607		74,500		6,933		215,151	
1989 ⁴										
January	85,075		58,324		74,590		7,597		225,587	
February	78,158		56,433		73,175		7,190		214,956	
March	77,215		57,453		74,448		7,484		216,600	
April	64,698		55,210		74,923		7,094		201,926	
May	61,108		56,428		77,119		7,278		201,933	
June	71,675		62,969		79,379		7,758		221,781	
July	85,596		67,624		79,011		8,033		240,263	
August	86,143		68,187		81,240		8,046		243,615	
September	78,725		65,532		79,845		7,824		231,926	
October	65,136		59,352		79,421		7,592		211,500	
November	64,844		56,716		76,788		7,394		205,742	
December	81,605		61,001		76,437		7,777		230,820	
1990 ⁴										
January	95,225		62,582		74,454		8,012		240,273	
February	74,348		57,159		73,976		7,542		213,026	
March	71,633		58,148		76,157		7,506		213,444	
April	65,032		56,552		75,597		7,305		204,486	
May	62,715		59,049		78,103		7,697		207,564	
June	73,574		64,701		79,567		7,885		225,727	
July	90,611		71,064		80,536		8,616		250,826	
August	88,553		71,357		83,465		8,460		251,834	
September	85,329		69,210		80,723		8,005		243,268	
Year to Date										
1990 ⁴	707,019		569,822		702,579		71,028		2,050,448	
1989 ⁴	688,394		548,160		693,730		68,304		1,998,588	
1988	687,624		529,856		670,544		61,793		1,949,818	

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

² Data for 1980 through 1985 are based on the Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," and predecessor forms. These estimates are based on a sample of selected private electric utilities. Beginning with January 1986, national sales estimates are based on data as reported by a statistically derived sample of both publicly and privately owned electric utilities, which respond on the Form EIA-861, "Annual Electric Utility Report." The Form EIA-861 is used to collect data from all electric utilities in the United States. See the technical notes for an explanation of the change in sample design beginning with January 1990 data.

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

⁴ Data for 1989 and 1990 have been revised; for further information, see the technical notes. Note that 1990 data, however, are still considered preliminary.

Notes: •Totals may not equal sum of components because of independent rounding. •U.S. total includes all 50 States and District of Columbia. •Figures for electricity sales and net generation may not correspond exactly for a particular month. Data on net generation represent a calendar month whereas data on sales represent the utilities' billing cycles which can vary from 28 to 33 days and which frequently do not correspond exactly to a calendar month.

Sources: 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. •Energy Information Administration, Form EIA-861, "Annual Electric Utility Report."

Table 41. Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, September
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		Total Sales	
	1990	1989	1990	1989	1990	1989	1990	1989	1990	1989
New England	2,897	2,785	3,233	3,188	2,326	2,378	157	165	8,614	8,516
Connecticut	824	796	924	914	526	542	29	28	2,303	2,279
Maine	283	280	229	215	415	396	15	14	943	905
Massachusetts	1,211	1,168	1,566	1,554	858	902	83	94	3,718	3,718
New Hampshire	259	249	175	170	294	303	9	8	737	730
Rhode Island	197	186	217	217	123	123	18	17	555	542
Vermont	123	106	121	118	110	112	3	4	357	341
Middle Atlantic	8,136	8,013	9,020	9,030	7,794	7,973	1,114	1,163	26,064	26,180
New Jersey	1,745	1,762	2,221	2,343	1,258	1,338	39	38	5,262	5,482
New York	3,354	3,306	4,233	4,198	2,741	2,763	961	1,002	11,288	11,270
Pennsylvania	3,038	2,945	2,566	2,489	3,796	3,872	114	123	9,514	9,428
East North Central	11,777	10,203	10,081	9,453	17,125	16,543	1,198	1,346	40,181	37,545
Illinois	3,306	2,539	2,984	2,676	3,398	3,272	630	597	10,319	9,085
Indiana	1,988	1,649	1,380	1,342	3,079	2,863	51	51	6,498	5,905
Michigan	2,200	2,040	1,855	1,734	3,113	3,162	106	272	7,276	7,207
Ohio	2,994	2,819	2,726	2,677	5,852	5,702	351	368	11,924	11,567
Wisconsin	1,288	1,155	1,135	1,023	1,682	1,545	59	59	4,164	3,781
West North Central	6,799	5,468	4,620	4,152	5,529	5,390	486	419	17,434	15,429
Iowa	992	788	589	524	973	953	75	64	2,629	2,329
Kansas	1,168	898	915	803	714	683	34	28	2,831	2,412
Minnesota	1,292	1,121	737	663	1,995	1,936	82	58	4,107	3,778
Missouri	2,151	1,633	1,612	1,435	1,183	1,099	110	78	5,055	4,244
Nebraska	754	549	468	424	359	348	106	118	1,687	1,439
North Dakota	205	199	148	115	155	178	40	35	548	527
South Dakota	237	280	152	187	150	193	39	40	578	701
South Atlantic	20,163	18,943	14,195	13,603	13,373	13,007	1,489	1,491	49,220	47,043
Delaware	245	242	224	213	284	293	4	4	758	752
District of Columbia	141	139	481	479	281	285	27	26	931	928
Florida	7,402	7,316	4,658	4,659	1,380	1,400	428	413	13,869	13,788
Georgia ²	3,027	2,535	2,165	1,950	2,303	2,234	76	78	7,571	6,797
Maryland	1,684	1,669	961	929	1,848	1,731	54	54	4,546	4,384
North Carolina ²	3,231	2,865	2,333	2,194	2,835	2,788	153	157	8,552	8,003
South Carolina	1,830	1,607	1,231	1,086	2,213	2,035	82	76	5,357	4,805
Virginia ²	2,021	2,019	1,707	1,675	1,368	1,399	656	674	5,751	5,767
West Virginia	582	553	435	417	861	842	8	8	1,885	1,820
East South Central ²	7,231	7,133	3,539	3,481	8,997	9,147	418	407	20,186	20,168
Alabama ²	2,188	1,907	1,010	944	2,254	2,205	56	47	5,507	5,103
Kentucky ²	1,402	1,431	826	797	2,677	2,865	232	225	5,137	5,317
Mississippi ²	1,356	1,248	678	647	1,065	967	60	61	3,160	2,922
Tennessee ²	2,286	2,547	1,026	1,094	3,001	3,110	70	74	6,382	6,826
West South Central	15,310	14,022	9,406	8,830	11,649	11,132	1,315	1,075	37,680	35,059
Arkansas	1,234	1,086	655	604	897	848	66	63	2,852	2,602
Louisiana	2,570	2,367	1,416	1,335	2,349	2,126	201	266	6,537	6,094
Oklahoma	1,686	1,403	1,031	937	921	929	181	163	3,819	3,433
Texas	9,819	9,166	6,304	5,954	7,481	7,228	867	583	24,472	22,930
Mountain	4,184	3,903	4,652	4,330	4,505	4,434	599	582	13,940	13,249
Arizona	1,618	1,591	1,339	1,294	853	809	166	245	3,975	3,940
Colorado	732	712	1,281	1,154	514	540	106	79	2,633	2,485
Idaho	375	347	454	414	602	593	22	27	1,454	1,380
Montana	230	213	234	199	531	535	30	27	1,025	974
Nevada	505	378	346	348	559	483	82	58	1,492	1,267
New Mexico	289	278	413	412	373	386	104	83	1,180	1,160
Utah	328	273	410	344	474	511	71	55	1,283	1,184
Wyoming	106	111	176	166	599	576	18	7	899	860
Pacific Contiguous	8,528	7,964	10,111	9,128	9,072	9,494	1,212	1,163	28,924	27,749
California	5,935	5,467	7,753	6,841	4,537	4,907	864	844	19,089	18,059
Oregon	914	925	993	947	1,308	1,289	57	39	3,273	3,200
Washington	1,679	1,573	1,366	1,340	3,227	3,298	291	280	6,563	6,490
Pacific Noncontiguous	303	291	353	337	353	347	17	14	1,026	989
Alaska	111	110	158	156	32	39	12	9	314	313
Hawaii	192	181	195	182	320	308	5	5	712	676
U.S. Total	85,329	78,725	69,210	65,532	80,723	79,845	8,005	7,824	243,268	231,926

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

² Data in these Census divisions and States for the commercial and industrial sectors have been revised. For further information, see the technical notes.

Notes: •Data for 1989 and 1990 have been revised; for further information, see the technical notes. Note that 1990 data, however, are still considered preliminary. •These data are estimates. •Totals may not equal sum of components because of independent rounding. •U.S. total includes all 50 States and District of Columbia. •Estimated sales are based on the sales by utilities in the sample. •See technical notes for an explanation of the changes in sample design beginning with January 1990 data. •Figures for electricity sales and net generation may not correspond exactly for a particular month. Data on net generation represent a calendar month whereas data on sales represent the utilities' billing cycles which can vary from 28 to 33 days and which frequently do not correspond exactly to a calendar month.

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

Table 42. Estimated Coefficients of Variation of Sales of Electricity by Census Division, and State, September 1990
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	0.1	0.2	0.3	1.4	0.1
Connecticut	.1	.0	.6	.0	.1
Maine	.2	.2	.3	2.6	.1
Massachusetts	.2	.4	.6	2.6	.2
New Hampshire	.5	1.0	1.4	2.0	.6
Rhode Island	.0	.0	.0	.0	.0
Vermont	1.7	.3	.6	2.9	.6
Middle Atlantic	.3	.2	.1	3.4	.2
New Jersey	.4	.1	.1	1.0	.1
New York	.1	.1	.0	3.9	.3
Pennsylvania	.8	.7	.3	2.7	.3
East North Central	.7	.3	.3	.7	.3
Illinois	1.9	.9	.7	.2	.7
Indiana	2.2	1.2	.6	2.3	.8
Michigan	.8	.3	1.4	4.2	.7
Ohio	.2	.1	.2	1.9	.1
Wisconsin	.1	.4	1.3	1.6	.5
West North Central	1.3	1.2	1.3	3.6	.7
Iowa	1.8	.7	.7	9.6	.8
Kansas	2.2	1.6	1.2	6.7	1.1
Minnesota	.7	1.0	.4	6.5	.4
Missouri	3.6	2.5	5.5	.2	2.2
Nebraska	2.2	.8	8.7	8.3	2.2
North Dakota	.7	1.3	.7	4.3	.6
South Dakota	1.1	21.9	5.0	31.3	6.3
South Atlantic	.6	.5	.4	.4	.3
Delaware	.3	1.1	.9	1.0	.5
District of Columbia	.0	.0	.0	.0	.0
Florida	.8	.2	.5	.3	.4
Georgia	1.1	.6	.5	1.0	.5
Maryland	1.4	2.1	.4	1.5	.7
North Carolina	2.5	.9	.8	1.7	1.0
South Carolina	3.1	4.8	2.1	5.5	1.8
Virginia	.7	.5	1.4	.3	.4
West Virginia	.3	.2	.5	1.1	.3
East South Central	.3	.2	.2	2.2	.2
Alabama	1.1	.0	.1	15.9	.4
Kentucky	.4	.7	.1	.7	.2
Mississippi	.6	.9	1.3	1.1	.6
Tennessee	.0	.0	.0	.0	.0
West South Central	.5	.5	.5	3.1	.3
Arkansas	.9	.7	.8	5.0	.5
Louisiana	1.6	1.2	.4	.5	.7
Oklahoma	.9	2.1	2.8	2.6	1.0
Texas	.6	.6	.6	4.6	.4
Mountain	.4	1.6	1.7	2.4	.8
Arizona	.9	.7	.6	2.7	.4
Colorado	.8	5.5	14.0	.3	3.9
Idaho	1.0	.4	.1	30.2	.5
Montana	1.0	3.1	.3	2.0	.8
Nevada	.1	.5	.9	13.2	.8
New Mexico	.7	.5	3.2	.5	1.0
Utah	1.1	3.2	1.7	4.3	1.3
Wyoming	1.3	4.5	1.0	17.4	1.2
Pacific Contiguous	.4	2.8	4.4	3.0	1.7
California	.5	3.6	8.8	.2	2.6
Oregon	1.8	.5	1.1	46.6	1.1
Washington	.6	2.8	.0	8.3	.7
Pacific Noncontiguous	.3	.8	.7	18.3	.5
Alaska	1.0	1.0	7.2	25.8	1.6
Hawaii	.0	.0	.0	.0	.0
U.S. Total	.2	.4	.5	.9	.2

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

² Total includes all sectors.

Notes: •For an explanation of coefficients of variation, see the technical notes. •These data are estimates. •Data for 1990 are preliminary.
Sources: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 43. Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, January through September
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		Total Sales	
	1990	1989	1990	1989	1990	1989	1990	1989	1990	1989
New England	28,730	28,348	28,409	27,985	20,368	20,634	1,500	1,535	79,007	78,501
Connecticut	7,945	7,858	7,851	7,725	4,628	4,075	274	267	20,698	20,525
Maine	2,988	3,008	2,020	1,980	3,522	3,452	131	133	8,601	8,572
Massachusetts	11,940	11,841	14,031	13,828	7,517	7,831	830	875	34,319	34,375
New Hampshire	2,659	2,670	1,544	1,548	2,645	2,593	85	75	6,933	6,886
Rhode Island	1,813	1,778	1,855	1,807	1,047	1,051	145	145	4,880	4,782
Vermont	1,386	1,192	1,106	1,097	1,009	1,033	36	40	3,537	3,361
Middle Atlantic	74,908	74,076	77,954	77,024	69,686	70,667	10,663	10,080	233,212	231,846
New Jersey	15,719	15,838	20,067	19,927	11,128	11,817	343	339	47,257	47,921
New York	29,513	29,190	35,485	35,659	24,221	23,926	9,239	8,659	98,459	97,433
Pennsylvania	29,676	29,048	22,403	21,438	34,337	34,924	1,081	1,082	87,497	86,492
East North Central	102,011	100,968	84,261	82,274	149,376	146,525	11,078	12,403	346,726	342,170
Illinois	25,239	24,677	24,029	23,352	29,510	28,957	5,845	5,639	84,623	82,625
Indiana	16,888	16,658	11,854	11,898	26,635	25,309	474	471	55,632	54,336
Michigan	18,049	18,963	15,747	15,155	26,843	27,538	907	2,430	62,547	64,085
Ohio	28,475	28,651	23,169	22,628	51,968	50,807	3,327	3,318	106,939	105,404
Wisconsin	12,379	12,020	9,662	9,240	14,420	13,915	524	544	36,986	35,719
West North Central	53,973	52,063	37,962	36,979	47,832	46,932	4,055	3,737	143,822	139,711
Iowa	7,980	7,914	4,958	4,835	8,088	8,284	639	603	21,665	21,635
Kansas	7,534	7,033	6,970	6,639	6,063	5,826	277	266	20,844	19,765
Minnesota	11,346	11,184	6,196	5,906	17,491	16,991	686	517	35,719	34,508
Missouri	17,201	15,859	13,476	13,301	10,424	9,626	842	617	41,943	39,403
Nebraska	5,563	5,214	3,884	3,876	3,169	3,192	937	1,053	13,552	13,336
North Dakota	2,236	2,329	1,332	1,124	1,386	1,558	360	363	5,314	5,374
South Dakota	2,114	2,531	1,146	1,298	1,210	1,455	314	317	4,784	5,601
South Atlantic²	162,425	156,540	115,467	110,374	115,026	113,477	12,857	12,543	405,774	392,934
Delaware	2,078	2,014	1,791	1,689	2,460	2,385	38	37	6,367	6,125
District of Columbia	1,153	1,136	3,867	3,759	2,275	2,234	236	231	7,531	7,360
Florida	54,401	51,629	38,142	36,750	12,171	12,591	3,336	3,204	108,051	104,174
Georgia ²	23,130	21,540	17,544	16,326	20,446	19,806	738	670	61,858	58,343
Maryland	14,859	14,579	7,892	7,562	14,831	14,594	499	479	38,081	37,215
North Carolina ²	25,906	25,121	18,101	17,091	23,412	23,526	1,243	1,293	68,661	67,030
South Carolina	13,823	13,423	9,071	8,491	19,035	18,545	645	600	42,573	41,058
Virginia ²	21,228	21,404	15,242	14,999	12,476	12,208	6,044	5,958	54,990	54,569
West Virginia	5,848	5,694	3,816	3,708	7,921	7,588	77	71	17,662	17,060
East South Central²	60,335	58,197	29,635	28,234	81,801	75,930	3,491	3,439	175,262	165,800
Alabama ²	16,373	15,190	8,459	7,964	20,465	20,279	453	459	45,750	43,893
Kentucky ²	12,788	12,630	7,056	6,732	25,647	21,574	1,887	1,836	47,379	42,772
Mississippi ²	9,384	8,841	5,062	4,937	9,247	8,078	491	491	24,184	22,347
Tennessee ²	21,789	21,536	9,058	8,601	26,442	25,999	661	653	57,950	56,799
West South Central	101,608	97,235	69,847	68,036	97,012	95,960	11,172	9,210	279,639	270,440
Arkansas	8,259	7,687	4,608	4,449	7,143	6,860	510	493	20,519	19,490
Louisiana	16,566	16,029	10,178	10,169	19,154	18,550	2,103	2,462	48,001	47,210
Oklahoma	11,671	11,075	7,882	7,701	8,233	8,441	1,585	1,513	29,371	28,730
Texas	65,112	62,443	47,178	45,717	62,483	62,109	6,975	4,742	181,748	175,011
Mountain	37,177	36,734	38,856	36,903	39,797	39,223	4,996	5,053	120,827	117,912
Arizona	12,019	12,010	10,448	9,993	7,225	7,213	1,399	2,048	31,091	31,264
Colorado	7,362	7,214	10,896	9,992	4,435	4,581	741	608	23,434	22,393
Idaho	4,055	4,123	3,990	3,828	5,410	5,344	181	220	13,636	13,514
Montana	2,358	2,462	1,996	1,960	4,965	4,918	392	385	9,712	9,725
Nevada	4,376	4,035	2,942	2,898	4,875	3,899	621	450	12,813	11,282
New Mexico	2,707	2,580	3,469	3,405	3,261	3,445	908	706	10,345	10,135
Utah	3,040	3,052	3,477	3,292	4,158	4,292	607	572	11,281	11,208
Wyoming	1,261	1,260	1,637	1,536	5,468	5,531	149	63	8,514	8,390
Pacific Contiguous	82,908	81,363	84,327	77,392	78,540	81,391	11,041	10,177	256,816	250,324
California	50,311	48,487	63,173	56,377	38,097	41,860	7,829	7,114	159,410	153,838
Oregon	10,809	11,016	8,637	8,329	11,453	11,316	374	353	31,273	31,015
Washington	21,788	21,861	12,517	12,686	28,990	28,215	2,839	2,710	66,134	65,471
Pacific Noncontiguous	2,944	2,872	3,105	2,960	3,140	2,990	174	127	9,363	8,950
Alaska	1,212	1,199	1,479	1,393	345	330	130	85	3,166	3,007
Hawaii	1,732	1,673	1,626	1,567	2,795	2,660	44	43	6,196	5,943
U.S. Total	707,019	686,394	569,822	548,160	702,579	693,730	71,028	68,304	2,050,448	1,998,588

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

² Data in these Census divisions and States for the commercial and industrial sectors have been revised. For further information, see the technical notes.

Notes: •Data for 1989 and 1990 have been revised; for further information, see the technical notes. Note that 1990 data, however, are still considered preliminary. •These data are estimates. •Totals may not equal sum of components because of independent rounding. •U.S. total includes all 50 States and District of Columbia. •Estimated sales are based on the sales by utilities in the sample. •See technical notes for an explanation of the changes in sample design beginning with January 1990 data. •Figures for electricity sales and net generation may not correspond exactly for a particular month. Data on net generation represent a calendar month whereas data on sales represent the utilities' billing cycles which can vary from 28 to 33 days and which frequently do not correspond exactly to a calendar month.

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

Table 44. Average Revenue per Kilowatthour by Sector
(Cents)

Year and Month	Residential		Commercial		Industrial		Other ¹		Total ²	
	Monthly Series ³	Annual Series ⁴	Monthly Series ³	Annual Series ⁴	Monthly Series ³	Annual Series ⁴	Monthly Series ³	Annual Series ⁴	Monthly Series ³	Annual Series ⁴
1980 Average	5.36		5.48		3.69		4.76		4.73	
1981 Average	6.20		6.29		4.29		5.28		5.46	
1982 Average	6.86		6.86		4.95		5.92		6.13	
1983 Average	7.18		7.02		4.96		6.38		6.30	
1984 Average	7.54	7.15	7.33	7.13	5.04	4.83	6.78	5.90	6.52	6.25
1985 Average	7.79	7.39	7.47	7.27	5.16	4.97	6.96	6.09	6.71	6.44
1986 Average	7.41	7.42	7.13	7.20	4.90	4.93	6.64	6.11	6.42	6.44
1987 Average	7.41	7.45	7.01	7.08	4.72	4.77	6.64	6.21	6.32	6.37
1988 Average	7.49	7.40	7.07	7.04	4.82	4.70	6.02	6.20	6.31	6.35
1989 Average ⁵	7.64		7.23		4.69		6.18		6.43	
1988										
January	6.92		6.82		4.52		6.37		6.11	
February	6.99		6.88		4.52		6.47		6.11	
March	7.14		6.93		4.48		6.35		6.11	
April	7.30		6.89		4.47		6.07		6.08	
May	7.58		6.99		4.46		5.87		6.14	
June	7.84		7.23		4.69		5.87		6.44	
July	7.90		7.24		4.87		5.51		6.62	
August	7.93		7.25		4.85		5.35		6.65	
September	7.84		7.30		4.80		5.93		6.56	
October	7.70		7.27		4.69		6.23		6.39	
November	7.46		6.99		4.52		6.33		6.18	
December	7.28		6.91		4.52		6.61		6.19	
1989⁵										
January	7.17		6.93		4.53		6.45		6.20	
February	7.18		7.01		4.60		6.68		6.23	
March	7.24		7.02		4.58		6.59		6.23	
April	7.52		7.09		4.57		6.46		6.25	
May	7.72		7.15		4.58		6.27		6.29	
June	8.02		7.39		4.79		5.66		6.57	
July	8.10		7.46		4.95		5.63		6.77	
August	8.11		7.49		4.95		5.56		6.77	
September	8.02		7.46		4.90		6.09		6.70	
October	7.87		7.49		4.70		6.54		6.51	
November	7.52		7.11		4.51		6.48		6.23	
December	7.27		7.03		4.55		6.59		6.26	
1990⁵										
January	7.18		6.94		4.59		5.81		6.27	
February	7.49		7.13		4.59		5.95		6.33	
March	7.59		7.20		4.61		6.07		6.37	
April	7.70		7.19		4.56		6.36		6.35	
May	7.98		7.31		4.63		6.22		6.46	
June	8.13		7.50		4.84		6.19		6.72	
July	8.21		7.52		5.04		6.36		6.93	
August	8.26		7.53		4.98		6.16		6.90	
September	8.19		7.50		4.98		6.46		6.87	
Year-to-Date Average										
1990 Average ⁵	7.86		7.33		4.77		6.17		6.59	
1989 Average ⁵	7.68		7.24		4.72		6.08		6.46	
1988 Average	7.49		7.07		4.63		5.92		6.33	

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

² Average revenue per kilowatthour for total sales to ultimate customers.

³ National average revenue per kilowatthour estimates for 1980 through 1985, are based on a sample of selected privately owned electric utilities in Class A whose operating revenue were \$100 million or more during the previous year. Beginning with January 1986, national average revenue per kilowatthour estimates are based on data as reported by a statistically derived sample of both publicly and privately owned utilities, which respond on the Form EIA-861, "Annual Electric Utility Report." The Form EIA-861 is used to collect data from all electric utilities in the United States. See the technical notes for an explanation of the change in sample design beginning with January 1990 data.

⁴ Beginning in 1984, national average revenue per kilowatthour values are based on data as reported on the Form EIA-861, "Annual Electric Utility Report."

⁵ Data for 1989 and 1990 have been revised; for further information, see the technical notes. Note that 1990 data, however, are still considered preliminary.

Notes: •Average revenue per kilowatthour 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 revenue per kilowatthour.

Sources: •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. •Energy Information Administration, Form EIA-861, "Annual Electric Utility Report."

**Table 45. Average Revenue per Kilowatthour by Sector, Census Division, and State,
September 1990
(Cents)**

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	10.12	9.17	7.64	11.33	9.11
Connecticut	10.13	9.01	7.65	13.20	9.15
Maine	9.38	7.04	5.47	10.83	7.26
Massachusetts	10.33	9.54	8.62	11.05	9.62
New Hampshire	10.23	9.19	7.79	12.71	9.04
Rhode Island	10.26	9.73	9.03	9.13	9.74
Vermont	9.14	7.53	6.12	12.04	7.69
Middle Atlantic	10.92	9.78	6.38	8.97	9.08
New Jersey	11.15	9.39	7.63	16.66	9.60
New York	11.92	11.07	6.40	8.41	9.97
Pennsylvania	9.69	7.98	5.94	11.05	7.75
East North Central	8.95	7.45	4.73	7.14	6.72
Illinois	11.67	8.10	5.71	7.22	8.40
Indiana	6.88	5.95	3.90	8.26	5.28
Michigan	8.10	8.21	5.85	8.96	7.18
Ohio	8.89	7.70	4.20	6.38	6.24
Wisconsin	6.75	5.75	4.02	6.55	5.37
West North Central	7.30	6.43	4.88	5.88	6.20
Iowa	8.34	6.73	4.34	6.18	6.44
Kansas	7.20	6.60	4.74	8.18	6.40
Minnesota	7.30	6.35	4.72	6.62	5.96
Missouri	7.21	6.41	5.08	5.33	6.42
Nebraska	6.44	5.76	3.91	6.03	5.69
North Dakota	6.89	6.60	4.69	4.49	6.02
South Dakota	7.25	6.86	4.69	4.07	6.27
South Atlantic	7.75	6.89	5.07	6.19	6.67
Delaware	9.04	7.31	4.10	10.60	6.91
District of Columbia	7.35	7.75	6.47	6.17	7.25
Florida	7.66	6.58	5.13	6.80	7.02
Georgia	7.72	7.30	4.95	8.09	6.76
Maryland	8.44	8.20	6.39	9.25	7.57
North Carolina	8.00	6.64	5.39	6.50	6.74
South Carolina	7.42	5.73	4.53	5.29	5.80
Virginia	7.87	6.12	4.42	5.31	6.24
West Virginia	5.67	5.17	3.46	8.67	4.56
East South Central	6.19	6.26	4.38	5.87	5.39
Alabama	6.50	6.64	4.45	5.68	5.68
Kentucky	5.85	5.55	3.81	4.81	4.69
Mississippi	6.90	6.99	4.67	7.78	6.19
Tennessee	5.68	5.98	4.75	7.89	5.31
West South Central	7.72	6.30	4.19	6.51	6.23
Arkansas	8.53	7.17	5.64	7.37	7.29
Louisiana	7.50	6.96	4.13	8.34	6.20
Oklahoma	7.18	6.34	3.91	6.35	6.12
Texas	7.76	6.06	4.07	6.06	6.14
Mountain	7.66	6.54	4.27	5.65	6.10
Arizona	9.51	8.65	5.87	6.56	8.31
Colorado	7.02	5.48	4.50	5.90	5.74
Idaho	5.03	4.07	2.75	3.78	3.76
Montana	5.01	4.41	2.81	5.20	3.74
Nevada	5.67	6.38	5.53	5.45	5.77
New Mexico	9.04	8.24	4.84	5.57	7.13
Utah	7.07	5.95	3.93	4.32	5.40
Wyoming	6.36	5.14	3.38	5.49	4.12
Pacific Contiguous	8.39	8.54	5.55	3.88	7.36
California	10.13	9.82	8.48	4.03	9.34
Oregon	4.92	4.57	3.05	5.24	4.07
Washington	4.15	4.15	2.43	3.14	3.26
Pacific Noncontiguous	9.64	9.21	6.64	12.30	8.50
Alaska	10.41	9.45	7.45	13.96	9.76
Hawaii	9.20	9.00	6.56	8.30	7.95
U.S. Total	8.19	7.50	4.98	6.46	6.87

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

² Average revenue per kilowatthour for total sales to ultimate customers.

Notes: •Data for 1990 are preliminary. •These data are estimates and 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 the technical notes for an explanation of the changes in sample design beginning with January 1990 data.

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

Table 46. Estimated Coefficients of Variation of Average Revenue per Kilowatthour by Sector, Census Division, and State, September 1990
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	0.4	0.8	1.2	5.3	0.4
Connecticut	.4	.2	.6	.8	.2
Maine	.1	.1	.3	1.6	.1
Massachusetts	.9	1.1	2.9	10.3	.9
New Hampshire	.6	.8	.9	.2	.4
Rhode Island	.0	.0	.0	.0	.0
Vermont	2.1	.1	.8	2.8	.9
Middle Atlantic	.2	.1	.1	2.1	.1
New Jersey	.4	.3	.4	1.1	.2
New York	.1	.0	.1	2.6	.2
Pennsylvania	.6	.4	.1	.3	.3
East North Central	.6	.5	.2	.3	.3
Illinois	1.5	1.5	.1	.1	.8
Indiana	.7	.4	1.3	1.4	.5
Michigan	.3	.5	.1	2.4	.2
Ohio	.1	.1	.3	.6	.1
Wisconsin	1.1	.2	.4	.1	.4
West North Central	.6	.6	.3	2.0	.3
Iowa	1.5	.6	.5	2.9	.8
Kansas	2.1	.4	1.4	5.4	1.0
Minnesota	2.1	1.3	.1	4.3	.8
Missouri	.2	1.4	1.1	.6	.5
Nebraska	.6	.4	.3	2.5	.4
North Dakota	.3	1.1	.2	6.6	.5
South Dakota	1.7	1.1	1.4	27.1	1.5
South Atlantic	.4	.4	.1	.4	.2
Delaware	.4	.2	.7	1.1	.3
District of Columbia	.0	.0	.0	.0	.0
Florida	.2	.2	.1	.8	.1
Georgia	1.8	.3	.1	1.5	.8
Maryland	.5	.9	.5	.1	.3
North Carolina	.9	1.2	.3	2.0	.5
South Carolina	3.0	5.1	.5	1.5	1.8
Virginia	.0	.2	.1	.2	.1
West Virginia	.3	.2	.4	.7	.2
East South Central	.3	.3	.1	.5	.1
Alabama	.2	.1	.1	3.3	.1
Kentucky	1.5	1.0	.0	.3	.5
Mississippi	.8	.6	.4	.4	.4
Tennessee	.0	.0	.0	.0	.0
West South Central	1.0	.7	.6	1.1	.6
Arkansas	.2	.7	.1	.1	.2
Louisiana	.7	.1	.8	.3	.4
Oklahoma	.3	.9	1.2	.1	.3
Texas	1.6	1.0	.9	1.8	.9
Mountain	.3	.3	.5	1.9	.2
Arizona	.6	.2	.4	2.8	.3
Colorado	.4	.7	2.8	2.3	.6
Idaho	1.2	.1	.2	5.8	.4
Montana	1.4	.1	.1	2.0	.4
Nevada	.0	.0	1.8	12.2	.9
New Mexico	.4	1.2	1.7	1.4	.6
Utah	.3	1.4	.7	2.4	.5
Wyoming	1.1	1.5	.6	5.9	.5
Pacific Contiguous	.4	2.0	1.6	2.0	.9
California	.4	2.2	2.1	1.8	1.1
Oregon	.4	.3	.5	20.5	.5
Washington	1.6	1.3	.2	3.3	.6
Pacific Noncontiguous	1.1	.3	1.0	7.9	.5
Alaska	2.7	.6	9.7	9.8	1.4
Hawaii	.0	.0	.0	.0	.0
U.S. Total	.2	.4	.2	.5	.2

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

² Total includes all sectors.

Notes: •Data for 1990 are preliminary. •These data are estimates. •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."

Plant Aggregates: Net Generation, Fuel Consumption, Fuel Stocks

*Many electric utilities not only
consume fossil fuels to generate
electricity, but also maintain
stocks on site.*

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Abbeville Water & Elec Plant	-	9	-	203	-	-	-	*	-	-	*
Abbeville (SC)	-	9	-	203	-	-	-	*	-	-	*
Accomack-Northampton Electric Coop	-	13	-	-	-	-	-	*	-	-	1
Smith (VA)	-	6	-	-	-	-	-	*	-	-	*
Tangler (VA)	-	7	-	-	-	-	-	*	-	-	1
Adrian Lt & Water Comm	-	-	-	-	-	-	-	-	-	-	-
Adrian (MN)	-	-	-	-	-	-	-	-	-	-	-
Aitkin Public Utilities Comm	-	-1	-	-	-	-	-	-	-	-	*
Aitkin (MN)	-	-1	-	-	-	-	-	-	-	-	*
Alabama Elec Coop, Inc	339,627	-	10,967	109	-	-	154	-	121	260	1
Gantt (AL)	-	-	-	14	-	-	-	-	-	-	-
Lowman (AL)	339,627	-	-	-	-	-	154	-	-	263	-
McWilliams (AL)	-	-	10,967	-	-	-	-	-	121	7	-
Point "A" (AL)	-	-	-	95	-	-	-	-	-	-	-
Portland (FL)	-	-	-	-	-	-	-	-	-	-	1
Alabama Power Co (SC)	4,177,405	6,551	26,190	155,698	1,206,750	-	1,659	9	227	2,998	57
Bankhead Dam (AL)	-	-	-	4,978	-	-	-	-	-	-	-
Barry (AL)	872,322	60	4,722	-	-	-	365	*	40	623	10
Chickasaw (AL)	-	96	3,236	-	-	-	-	*	44	-	4
Farley (AL)	-	-	-	-	1,206,750	-	-	-	-	-	-
Gadsden New (AL)	30,127	4	352	-	-	-	14	*	3	90	1
Gaston, E C (AL)	1,054,760	873	-	-	-	-	418	1	-	911	17
Gorgas (AL)	771,168	1,042	-	-	-	-	307	1	-	586	17
Greene County (AL)	254,265	331	-	-	-	-	100	*	-	335	2
H Neely Henry Dam (AL)	-	-	-	8,397	-	-	-	-	-	-	-
Harris (AL)	-	-	-	3,220	-	-	-	-	-	-	-
Holt Dam (AL)	-	-	-	4,713	-	-	-	-	-	-	-
Jordan (AL)	-	-	-	2,255	-	-	-	-	-	-	-
Lay Dam (AL)	-	-	-	18,895	-	-	-	-	-	-	-
Lewis Smith Dam (AL)	-	-	-	20,184	-	-	-	-	-	-	-
Logan Martin Dam (AL)	-	-	-	12,599	-	-	-	-	-	-	-
Martin Dam (AL)	-	-	-	13,149	-	-	-	-	-	-	-
Miller (AL)	1,194,763	4,145	17,880	-	-	-	456	5	139	454	8
Mitchell Dam (AL)	-	-	-	14,538	-	-	-	-	-	-	-
Thurlow Dam (AL)	-	-	-	9,483	-	-	-	-	-	-	-
Walter Bouldin Dam (AL)	-	-	-	27,178	-	-	-	-	-	-	-
Weiss Dam (AL)	-	-	-	10,573	-	-	-	-	-	-	-
Yates Dam (AL)	-	-	-	5,536	-	-	-	-	-	-	-
Alamito Company	375,836	1,089	-	-	-	-	206	2	-	4	-
Springerville (AZ)	375,836	1,089	-	-	-	-	206	2	-	4	-
Alaska Electric G&T	-	-	-36	-	-	-	-	*	-	-	6
Soldotna (AK)	-	-	-36	-	-	-	-	*	-	-	6
Alaska Electric Lt & Pwr Co	-	24	-	5,972	-	-	-	*	-	-	4
Annex Creek (AK)	-	-	-	2,268	-	-	-	-	-	-	-
Gold Creek (AK)	-	-	-	524	-	-	-	-	-	-	-
Lemon Creek (AK)	-	24	-	-	-	-	-	*	-	-	4
Salmon Creek (AK)	-	-	-	3,180	-	-	-	-	-	-	-
Salmon Creek 2 (AK)	-	-	-	-	-	-	-	-	-	-	-
Alaska Power Administration	-	-	-	37,166	-	-	-	-	-	-	-
Eklutna (AK)	-	-	-	23,964	-	-	-	-	-	-	-
Snettisham (AK)	-	-	-	13,202	-	-	-	-	-	-	-
Alaska Power And Telephone Company	-	1,918	-	496	-	-	-	3	-	-	1
Craig (AK)	-	797	-	-	-	-	-	1	-	-	*
Dot Lake (AK)	-	-	-	-	-	-	-	-	-	-	*
Hydaburg (AK)	-	95	-	-	-	-	-	*	-	-	*
Skagway (AK)	-	250	-	496	-	-	-	*	-	-	*
Tok (AK)	-	776	-	-	-	-	-	1	-	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Alaska Village Electric Coop, Inc	-	2,358	-	-	-	-	-	6	-	-	30
Alakanuk (AK)	-	82	-	-	-	-	-	-	-	-	2
Ambler (AK)	-	82	-	-	-	-	-	-	-	-	-
Anvik (AK)	-	18	-	-	-	-	-	-	-	-	1
Chevak (AK)	-	89	-	-	-	-	-	-	-	-	1
Eek (AK)	-	27	-	-	-	-	-	-	-	-	-
Elim (AK)	-	29	-	-	-	-	-	-	-	-	2
Emmonak (AK)	-	130	-	-	-	-	-	-	-	-	1
Gambell (AK)	-	83	-	-	-	-	-	-	-	-	-
Goodnews Bay (AK)	-	33	-	-	-	-	-	-	-	-	-
Grayling (AK)	-	28	-	-	-	-	-	-	-	-	1
Holy Cross (AK)	-	36	-	-	-	-	-	-	-	-	1
Hooper Bay (AK)	-	101	-	-	-	-	-	-	-	-	-
Huslia (AK)	-	35	-	-	-	-	-	-	-	-	1
Kaktag (AK)	-	29	-	-	-	-	-	-	-	-	2
Kiana (AK)	-	88	-	-	-	-	-	-	-	-	1
Kivalina (AK)	-	36	-	-	-	-	-	-	-	-	-
Koyuk (AK)	-	37	-	-	-	-	-	-	-	-	1
Lower Kalskag (AK)	-	37	-	-	-	-	-	-	-	-	-
Marshall (AK)	-	42	-	-	-	-	-	-	-	-	1
Mekoryuk (AK)	-	32	-	-	-	-	-	-	-	-	1
Minto (AK)	-	29	-	-	-	-	-	-	-	-	-
Mountain Village (AK)	-	138	-	-	-	-	-	-	-	-	3
New Stuyahok (AK)	-	36	-	-	-	-	-	-	-	-	-
Noatak (AK)	-	37	-	-	-	-	-	-	-	-	-
Noorvik (AK)	-	89	-	-	-	-	-	-	-	-	-
Nulato (AK)	-	44	-	-	-	-	-	-	-	-	1
Nunapitchuk (AK)	-	93	-	-	-	-	-	-	-	-	-
Old Harbor (AK)	-	49	-	-	-	-	-	-	-	-	-
Pilot Station (AK)	-	62	-	-	-	-	-	-	-	-	-
Quinhagak (AK)	-	57	-	-	-	-	-	-	-	-	-
Russion Mission (AK)	-	25	-	-	-	-	-	-	-	-	-
Savoonga (AK)	-	73	-	-	-	-	-	-	-	-	-
Scammon Bay (AK)	-	49	-	-	-	-	-	-	-	-	-
Selawik (AK)	-	85	-	-	-	-	-	-	-	-	-
Shageluk (AK)	-	14	-	-	-	-	-	-	-	-	1
Shaktolik (AK)	-	41	-	-	-	-	-	-	-	-	1
Shishmaref (AK)	-	88	-	-	-	-	-	-	-	-	1
Shungnak (AK)	-	36	-	-	-	-	-	-	-	-	1
St Marys (AK)	-	130	-	-	-	-	-	-	-	-	2
St Michael (AK)	-	36	-	-	-	-	-	-	-	-	-
Stebbins (AK)	-	36	-	-	-	-	-	-	-	-	2
Togiak (AK)	-	94	-	-	-	-	-	-	-	-	-
Toksook Bay (AK)	-	51	-	-	-	-	-	-	-	-	-
Tununak (AK)	-	36	-	-	-	-	-	-	-	-	-
Wales (AK)	-	21	-	-	-	-	-	-	-	-	-
Albany City Of	-	-	-	-	-	-	-	-	-	-	-
Albany (MO)	-	-	-	-	-	-	-	-	-	-	-
Alexandria Bd Of Public Works	-	-	-	-	-	-	-	-	-	-	-
Alexandria (MN)	-	-	-	-	-	-	-	-	-	-	-
Alexandria Elec Lt & Pr Dept	-	-	5,854	-	-	-	-	-	50	-	18
Hunter, D G (LA)	-	-	5,854	-	-	-	-	-	50	-	18
Algona Municipal Utilities	-	83	-	-	-	-	-	-	-	-	2
Algona (IA)	-	83	-	-	-	-	-	-	-	-	2
Allegheny Electric Coop	-	-	-	4,022	-	-	-	-	-	-	-
Raystown (PA)	-	-	-	4,022	-	-	-	-	-	-	-
Alliance, City Of	-	-	-	-	-	-	-	-	-	-	-
Alliance (NE)	-	-	-	-	-	-	-	-	-	-	-
Alpena Power Co	-	-	-	1,705	-	-	-	-	-	-	-
Four Mile Darn (MI)	-	-	-	559	-	-	-	-	-	-	-
Hillman (MI)	-	-	-	79	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Alpena Power Co											
Ninth Street Dam (MI)	-	-	-	417	-	-	-	-	-	-	-
Norway Point Dam (MI)	-	-	-	650	-	-	-	-	-	-	-
Alta Mun Elec Lt & Pwr Plt Sys ..											
Alta (IA)	-	-1	-	-	-	-	-	-	-	-	*
Ames, City Of	33,276	206	-	-	-	-	20	*	-	14	2
Ames (IA)	33,276	183	-	-	-	-	20	*	-	14	1
Ames Gt (IA)	-	23	-	-	-	-	-	*	-	-	1
Anchorage Mun Lt & Pwr Dept											
Anchorage (AK)	-	4	52,226	-	-	-	-	*	731	-	24
GMS 2 (AK)	-	4	2,538	-	-	-	-	*	48	-	2
	-	-	49,688	-	-	-	-	-	683	-	21
Aniak Light & Power Company,											
Inc	-	174	-	-	-	-	-	*	-	-	1
Aniak (AK)	-	174	-	-	-	-	-	*	-	-	1
Anita Municipal Utilities											
Anita (IA)	-	-	-	-	-	-	-	-	-	-	-
Ansley Municipal Light Plant											
Ansley (NE)	-	-	5	-	-	-	-	-	*	-	-
	-	-	5	-	-	-	-	-	*	-	-
Anthony City Of											
Anthony (KS)	-	151	2,008	-	-	-	-	*	21	-	*
	-	151	2,008	-	-	-	-	*	21	-	*
Appalachian Power Co (AEP)	2,727,183	5,601	-	29,239	-	-	1,043	7	-	2,258	80
Amos, John E (WV)	1,425,070	2,309	-	-	-	-	548	3	-	1,117	40
Buck (VA)	-	-	-	2,363	-	-	-	-	-	-	-
Byllesby 2 (VA)	-	-	-	2,972	-	-	-	-	-	-	-
Claytor (VA)	-	-	-	11,757	-	-	-	-	-	-	-
Clinch River (VA)	383,060	254	-	-	-	-	144	*	-	278	3
Glen Lyn (VA)	110,372	1,049	-	-	-	-	44	1	-	97	4
Kanawha River (WV)	95,308	237	-	-	-	-	39	*	-	121	2
Leesville (VA)	-	-	-	3,592	-	-	-	-	-	-	-
London (WV)	-	-	-	3,224	-	-	-	-	-	-	-
Marmet (WV)	-	-	-	4,223	-	-	-	-	-	-	-
Mountaineer (WV)	713,373	1,752	-	-	-	-	269	2	-	646	31
Niagara (VA)	-	-	-	8	-	-	-	-	-	-	-
Reuser, C (VA)	-	-	-	1,316	-	-	-	-	-	-	-
Smith Mountain (VA)	-	-	-	-6,979	-	-	-	-	-	-	-
Winfield (WV)	-	-	-	0,763	-	-	-	-	-	-	-
Arcadia Mun Electric Utility											
Arcadia (WI)	-	84	31	-	-	-	-	*	*	-	*
	-	84	31	-	-	-	-	*	*	-	*
Arcanum Water & Light Plant											
Arcanum (OH)	-	-	-	-	-	-	-	*	-	-	*
	-	-	-	-	-	-	-	*	-	-	*
Argyle Municipal Elec & Water											
Dept	-	-	-	-	-	-	-	-	-	-	-
Argyle (WI)	-	-	-	-	-	-	-	-	-	-	-
Arizona Electric Pwr Coop, Inc	212,617	-	21,367	-	-	-	95	-	221	97	-
Apache Station (AZ)	212,617	-	21,367	-	-	-	95	-	221	97	-
Arizona Public Service Company ..	1,933,453	1,953	81,729	2,957	2,466,208	-	1,109	4	889	998	193
Childs (AZ)	-	-	-	1,966	-	-	-	-	-	-	-
Cholla (AZ)	563,808	1,953	517	-	-	-	306	4	6	370	6
Fairview (AZ)	-	-	-	-	-	-	-	-	-	-	9
Four Corners (NM)	1,369,645	-	7,778	-	-	-	803	-	79	629	-
Irving (AZ)	-	-	-	991	-	-	-	-	-	-	-
Ocotillo (AZ)	-	-	9,560	-	-	-	-	-	118	-	33
Palo Verde (AZ)	-	-	-	-	2,466,208	-	-	-	-	-	-
Phoenix (AZ)	-	-	44,785	-	-	-	-	-	439	-	39
Saguaro (AZ)	-	-	1,458	-	-	-	-	-	17	-	43

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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)	-	-	16,108	-	-	-	-	-	211	-	-
Yuma Axis (AZ)	-	-	1,523	-	-	-	-	-	20	-	63
Arkansas Electric Coop Corp	-	-	-	9,038	-	-	-	-	-	-	-
Bailey (AR)	-	-	-	-	-	-	-	-	-	-	-
Clyde Ellis (AR)	-	-	-	9,038	-	-	-	-	-	-	-
Fitzhugh (AR)	-	-	-	-	-	-	-	-	-	-	-
Mc Clellan (AR)	-	-	-	-	-	-	-	-	-	-	-
Arkansas Power & Light Co											
(MSU)	1,706,212	5,263	453,337	11,098	1,098,233	-	1,021	11	4,976	1,323	259
Arkansas Nuclear One(AR)	-	-	-	-	1,098,233	-	-	-	-	-	-
Blytheville (AR)	-	1,379	-	-	-	-	-	3	-	-	29
Carpenter (AR)	-	-	-	7,308	-	-	-	-	-	-	-
Couch, Harvey (AR)	-	-	42,689	-	-	-	-	-	479	-	5
Independence (AR)	862,614	2,513	-	-	-	-	510	5	-	554	20
L Catherine (AR)	-	-	145,958	-	-	-	-	-	1,602	-	15
Lynch, Cecil (AR)	-	-	-174	-	-	-	-	-	-	-	6
Mablevale (AR)	-	-	-	-	-	-	-	-	-	-	9
Moses, Ham (AR)	-	-	-162	-	-	-	-	-	-	-	5
Rommel (AR)	-	-	-	3,790	-	-	-	-	-	-	-
Ritchie, R E (AR)	-	-	265,026	-	-	-	-	-	2,895	-	145
White Bluff (AR)	843,598	1,371	-	-	-	-	511	3	-	769	25
Arnold Municipal Plant	-	-	-	-	-	-	-	-	-	-	-
Arnold (NE)	-	-	-	-	-	-	-	-	-	-	-
Ashland, City Of	-	3	51	-	-	-	-	*	5	-	1
Ashland (KS)	-	3	51	-	-	-	-	*	5	-	1
Associated Electric Coop, Inc	964,311	1,126	-	-	-	-	453	2	-	1,217	23
New Madrid (MO)	635,621	68	-	-	-	-	289	*	-	627	1
Thomas Hill (MO)	328,690	1,056	-	-	-	-	165	2	-	590	5
Unionville (MO)	-	2	-	-	-	-	-	*	-	-	17
Atlantic City Electric Co (ACE)	186,431	50,397	35,900	-	-	-	81	95	457	155	493
* Central Storage *	-	-	-	-	-	-	-	-	-	-	120
Carlis Corner (NJ)	-	-	3,303	-	-	-	-	-	58	-	13
Cedar (NJ)	-	1,466	-	-	-	-	-	3	-	-	10
Cumberland St (NJ)	-	1,757	-	-	-	-	-	4	-	-	18
Deepwater (NJ)	41,540	1,531	26,358	-	-	-	17	4	302	39	139
England, B L (NJ)	144,891	51,241	-	-	-	-	64	76	-	117	158
Mickleton Street (NJ)	-	-	6,239	-	-	-	-	-	97	-	17
Middle (NJ)	-	2,312	-	-	-	-	-	6	-	-	12
Missouri Avenue (NJ)	-	1,090	-	-	-	-	-	3	-	-	7
Atlantic Mun Utilities	-	-	-	-	-	-	-	-	-	-	2
Atlantic (IA)	-	-	-	-	-	-	-	-	-	-	2
Attica City Of	-	-	-	-	-	-	-	-	-	-	-
Attica (KS)	-	-	-	-	-	-	-	-	-	-	-
Auburn City Of	-	6	36	-	-	-	-	*	1	-	1
Auburn (NE)	-	6	36	-	-	-	-	*	1	-	1
Augusta City Of	-	220	4,868	-	-	-	-	*	50	-	*
Plant No 1 (KS)	-	-	10	-	-	-	-	*	1	-	*
Plant No 2 (KS)	-	220	4,858	-	-	-	-	*	50	-	*
Augusta Light And Water Plant ..	-	-	-	-	-	-	-	-	-	-	*
Fairbanks (AR)	-	-	-	-	-	-	-	-	-	-	*
Austin Electric Dept	-	8	172,570	-	-	46	-	*	1,977	-	241
Decker Creek (TX)	-	1	129,675	-	-	46	-	*	1,462	-	99
Holly Street (TX)	-	7	42,533	-	-	-	-	*	506	-	139
Seaholm (TX)	-	-	362	-	-	-	-	-	9	-	3

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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	-	-	7,287	-	-	-	-	-	98	17	-
Austin (MN)	-	-	-	-	-	-	-	-	-	-	-
Northeast Station (MN)	-	-	7,287	-	-	-	-	-	98	17	-
Baker City Of	-	-	-	-	-	-	-	-	-	-	-
Baker (OR)	-	-	-	-	-	-	-	-	-	-	-
Baldwin City Of	-	28	110	-	-	-	-	*	1	-	1
Attica (KS)	-	28	119	-	-	-	-	*	1	-	1
Baltimore Gas & Electric Co	763,894	211,736	90,267	-	-7,386	-	299	464	1,283	649	823
* Central Storage *	-	-	-	-	-	-	-	-	-	-	-
Brandon (MD)	407,176	-	-	-	-	-	156	-	-	368	3
Calvert Cliffs (MD)	-	-	-	-	-7,386	-	-	-	-	-	-
Crane, C P (MD)	135,552	292	-	-	-	-	58	2	-	94	4
Gould Street (MD)	-	26,505	-	-	-	-	-	52	-	-	37
Notch Cliff (MD)	-	-	10,827	-	-	-	-	-	179	-	-
Perryman (MD)	-	7,290	-	-	-	-	-	16	-	-	81
Philadelphia Road (MD)	-	1,044	-	-	-	-	-	3	-	-	12
Riverside (MD)	-	54,611	25,476	-	-	-	-	113	327	-	216
Wagner, H A (MD)	220,966	82,452	47,569	-	-	-	85	193	648	187	413
Westport (MD)	-	39,542	6,395	-	-	-	-	83	128	-	58
Bancroft Mun Electric Plant	-	-	-	-	-	-	-	-	-	-	-
Bancroft (IA)	-	-	-	-	-	-	-	-	-	-	-
Bandette Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Baudette (MN)	-	-	-	-	-	-	-	-	-	-	-
Bangor Hydro Electric Co	-	1,707	-	16,266	-	-	-	4	-	-	15
Bar Harbor (ME)	-	574	-	-	-	-	-	1	-	-	1
Eastport (ME)	-	28	-	-	-	-	-	*	-	-	1
Ellsworth (ME)	-	-	-	1,070	-	-	-	-	-	-	-
Graham Station (ME)	-	1,031	-	-	-	-	-	2	-	-	13
Howland (ME)	-	-	-	702	-	-	-	-	-	-	-
Medway (ME)	-	74	-	2,699	-	-	-	*	-	-	1
Millford (ME)	-	-	-	4,702	-	-	-	-	-	-	-
Orono (ME)	-	-	-	755	-	-	-	-	-	-	-
Stanford (ME)	-	-	-	-	-	-	-	-	-	-	-
Stillwater (ME)	-	-	-	780	-	-	-	-	-	-	-
Veazie (ME)	-	-	-	5,558	-	-	-	-	-	-	-
Bangor-Pac Hydro Asso	-	-	-	7,488	-	-	-	-	-	-	-
West Enfield (ME)	-	-	-	7,488	-	-	-	-	-	-	-
Barnesville City Of	-	-	-	-	-	-	-	-	-	-	-
Barnesville (MN)	-	-	-	-	-	-	-	-	-	-	-
Barron Light & Water Dept	-	2	-	25	-	-	-	*	-	-	*
Barron (WI)	-	2	-	25	-	-	-	*	-	-	*
Barrow Utils & Elec Coop Inc	-	4	2,495	-	-	-	-	*	69	-	*
Barrow (AK)	-	4	2,495	-	-	-	-	*	69	-	*
Barton Village Electric Dept	-	-	-	518	-	-	-	-	-	-	*
W. Charleston (VT)	-	-	-	518	-	-	-	-	-	-	*
Basin Electric Pwr Coop, Inc	1,698,991	1,935	-	-	-	-	1,242	5	-	3,082	35
Antelope Valley (ND)	527,928	162	-	-	-	-	440	*	-	250	4
Laramie River (WY)	965,533	736	-	-	-	-	621	2	-	2,163	9
Leland Olds (ND)	205,530	101	-	-	-	-	181	*	-	668	2
Neal, William J. (ND)	-	-	-	-	-	-	-	-	-	-	-
Spirit Mound (SD)	-	936	-	-	-	-	-	2	-	-	21
Beaver City Corporation	-	-	-	270	-	-	-	-	-	-	-
Beaver Lower (UT)	-	-	-	55	-	-	-	-	-	-	-
Beaver Upper (UT)	-	-	-	215	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Beaver City Of	-	2	-	-	-	-	-	*	-	-	*
Beaver City (NE)	-	2	-	-	-	-	-	*	-	-	*
Bedford Electric Dept	-	-	-	728	-	-	-	-	-	-	-
Snowden (VA)	-	-	-	728	-	-	-	-	-	-	-
Bellevue City Of	-	211	1,463	-	-	-	-	*	7	-	2
Belleville (KS)	-	211	1,463	-	-	-	-	*	7	-	2
Bellevue Municipal Utilities	-	36	30	-	-	-	-	*	1	-	1
Bellevue (IA)	-	36	30	-	-	-	-	*	1	-	1
Beloit City Of	-	115	836	-	-	-	-	*	10	-	*
Beloit (KS)	-	115	836	-	-	-	-	*	10	-	*
Benkelman City Of	-	-	-	-	-	-	-	-	-	-	-
Benkelman (NE)	-	-	-	-	-	-	-	-	-	-	-
Benson Water Light Heat & Pwr Plt	-	-	-	-	-	-	-	-	-	-	-
Benson (MN)	-	-	-	-	-	-	-	-	-	-	-
Benton Electric Lgt And Pwr Dist Benton (AR)	-	-	-	-	-	-	-	-	-	-	-
Berlin Electric Light Plant	-	306	-	-	-	-	-	1	-	-	1
Berlin (MD)	-	306	-	-	-	-	-	1	-	-	1
Bethany City	-	115	-	-	-	-	-	*	-	-	1
Bethany (MO)	-	115	-	-	-	-	-	*	-	-	1
Bethel Utilities Commission	-	2,285	-	-	-	-	-	4	-	-	-
Bethel (AK)	-	2,285	-	-	-	-	-	4	-	-	-
Bettles Light & Power Inc	-	56	-	-	-	-	-	*	-	-	1
Bettles (AK)	-	56	-	-	-	-	-	*	-	-	1
Big Rivers Electric Corporation ...	996,549	926	459	-	-	-	459	2	4	748	13
Coleman (KY)	290,875	-	459	-	-	-	130	-	4	157	2
Green (KY)	252,009	252	-	-	-	-	127	*	-	269	1
Henderson II (KY)	162,139	252	-	-	-	-	68	*	-	-	1
Reid, Robert (KY)	17,211	240	-	-	-	-	9	1	-	140	4
Wilson (KY)	274,315	182	-	-	-	-	125	*	-	182	6
Black Hills Pwr & Lt Co	51,889	415	12	-	-	-	53	1	*	12	22
French, Ben (SD)	4,340	415	12	-	-	-	3	1	*	4	22
Kirk (SD)	12,084	-	-	-	-	-	14	-	-	5	-
Osage (WY)	22,138	-	-	-	-	-	23	-	-	2	-
Simpson, Nell (WY)	13,327	-	-	-	-	-	12	-	-	-	*
Black River Falls, City Of	-	-	-	467	-	-	-	-	-	-	*
Black River Falls (WI)	-	-	-	467	-	-	-	-	-	-	*
Block Island Power Co	-	1,152	-	-	-	-	-	2	-	-	1
Block Island (RI)	-	1,152	-	-	-	-	-	2	-	-	1
Bloomfield Mun Utilities	-	274	-	-	-	-	-	*	-	-	1
Bloomfield (IA)	-	274	-	-	-	-	-	*	-	-	1
Blooming Prairie Pub Utils Comm Blooming Prairie (MN)	-	-	-	-	-	-	-	-	-	-	*
Blue Earth Lt & Wtr Dept	-	-	-	-	-	-	-	-	-	-	*
Blue Earth (MN)	-	-	-	-	-	-	-	-	-	-	*
Blue Hill Water & Lt Dept	-	-	-	-	-	-	-	-	-	-	-
Blue Hill (NE)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Blue Ridge Electric Membership Corp	-	-	-	20	-	-	-	-	-	-	-
Sharp Falls (NC)	-	-	-	20	-	-	-	-	-	-	-
Bluffton Utilities	-	14	202	-	-	-	-	*	1	-	2
Bluffton (IN)	-	14	202	-	-	-	-	*	1	-	2
Bonnors Ferry City Of (Lt & Wtr Dpt)	-	-	-	1,992	-	-	-	-	-	-	-
Bonnors Ferry (ID)	-	-	-	-	-	-	-	-	-	-	-
Moyle (ID)	-	-	-	1,992	-	-	-	-	-	-	-
Boston Edison Company	-	130,872	602,473	-	471,216	-	-	227	6,117	-	978
Edgar (MA)	-	60	-	-	-	-	-	*	-	-	1
Framingham (MA)	-	146	-	-	-	-	-	*	-	-	2
L Street (MA)	-	116	-	-	-	-	-	*	-	-	1
Mystic (MA)	-	130,305	190,769	-	-	-	-	226	2,012	-	601
New Boston (MA)	-	-	410,320	-	-	-	-	-	4,087	-	366
Pilgrim (MA)	-	-	-	-	471,216	-	-	-	-	-	-
West Medway (MA)	-	45	1,384	-	-	-	-	*	19	-	7
Boston Metro Dist Comm-WD	-	-	-	-	-	-	-	-	-	-	-
Aqueduct Transfer (MA)	-	-	-	-	-	-	-	-	-	-	-
Oakdale (MA)	-	-	-	-	-	-	-	-	-	-	-
Wachusett (MA)	-	-	-	-	-	-	-	-	-	-	-
Winsor (MA)	-	-	-	-	-	-	-	-	-	-	-
Bountiful City Light & Power	-	9	7	2,176	-	-	-	*	*	-	1
Bountiful (UT)	-	9	7	-	-	-	-	*	*	-	1
Echo Dam (UT)	-	-	-	2,176	-	-	-	-	-	-	-
Bowersock Mills & Power Co	-	-	-	913	-	-	-	-	-	-	-
Lawrence (KS)	-	-	-	913	-	-	-	-	-	-	-
Brady Water & Light Works	-	830	-	-	-	-	-	1	-	-	1
Brady (TX)	-	830	-	-	-	-	-	1	-	-	1
Braintree Electric Light Dept	-	-	23,843	-	-	-	-	-	254	-	20
Potter Station (MA)	-	-	23,843	-	-	-	-	-	254	-	20
Brazos Elec Pwr Coop, Inc	-	-	183,292	-	-	-	-	-	1,932	-	115
Miller, R W (TX)	-	-	174,945	-	-	-	-	-	1,838	-	105
North Texas (TX)	-	-	8,347	-	-	-	-	-	94	-	10
Poage, W. R. (TX)	-	-	-	-	-	-	-	-	-	-	-
Brazos River Authority	-	-	-	3,404	-	-	-	-	-	-	-
M Sheppard (TX)	-	-	-	3,404	-	-	-	-	-	-	-
Breese City Of	-	12	-	-	-	-	-	*	-	-	1
Breese (IL)	-	12	-	-	-	-	-	*	-	-	1
Brigham City Corporation	-	-	-	634	-	-	-	-	-	-	-
Brigham City (UT)	-	-	-	271	-	-	-	-	-	-	-
Brigham 2 (UT)	-	-	-	363	-	-	-	-	-	-	-
Broken Bow Mun Utilities	-	49	490	-	-	-	-	*	6	-	*
Broken Bow (NE)	-	49	480	-	-	-	-	*	6	-	*
Brooklyn Mun Utilities	-	32	-	-	-	-	-	*	-	-	*
Brooklyn (IA)	-	32	-	-	-	-	-	*	-	-	*
Brownfield Mun Pr & Lt Plant	-	-	-4	-	-	-	-	-	1	-	*
Brownfield (TX)	-	-	-4	-	-	-	-	-	1	-	*
Brownsville City Of (Pub Utils Brd)	-	15	6,843	-	-	-	-	*	100	-	29
Brownsville (TX)	-	15	6,843	-	-	-	-	*	100	-	29

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Bryan City Of	-	-	56,192	-	-	-	-	-	611	-	86
Bryan (TX)	-	-	10,601	-	-	-	-	-	133	-	35
Dansby (TX)	-	-	45,591	-	-	-	-	-	479	-	51
Bryan Municipal Light & Water Works	-	16	44	-	-	-	-	*	1	-	7
Bryan (OH)	-	16	44	-	-	-	-	*	1	-	7
Bryant Light & Power Plant	-	-	-	-	-	-	-	-	-	-	-
Bryant (SD)	-	-	-	-	-	-	-	-	-	-	-
Buhl Public Utilities Dept	-	-	-	-	-	-	-	-	-	-	-
Buhl (MN)	-	-	-	-	-	-	-	-	-	-	-
Burbank Public Service Department	-	-	25,982	-	-	-77	-	-	298	-	76
Magnolia (CA)	-	-	-78	-	-	-77	-	-	3	-	74
Olive (CA)	-	-	26,060	-	-	-	-	-	295	-	2
Burlingame City Of	-	-	254	-	-	-	-	-	3	-	-
Burlingame (KS)	-	-	254	-	-	-	-	-	3	-	-
Burlington City Of	-	6	26	-	-	-	-	*	*	-	1
Burlington (KS)	-	6	26	-	-	-	-	*	*	-	1
Burlington City Of	-	-	-	-	-	-	-	-	-	-	-
Burlington (CO)	-	-	-	-	-	-	-	-	-	-	-
Burlington Electric Light Dept	-	198	16,099	-	-	7,577	-	1	174	-	11
Burlington (VT)	-	171	-	-	-	-	-	1	-	-	6
J C McNeil (VT)	-	27	16,099	-	-	7,577	-	*	174	-	5
Burwell Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Burwell (NE)	-	-	-	-	-	-	-	-	-	-	-
Bushnell Mun Elec Lt & Pwr Util ..	-	-	-	-	-	-	-	-	-	-	*
Bushnell (IL)	-	-	-	-	-	-	-	-	-	-	*
Butler Light & Water Service	-	451	-	-	-	-	-	1	-	-	1
Butler (MO)	-	451	-	-	-	-	-	1	-	-	1
Ca State Dept Of Water Resources	-	-	-	341,050	-	5,946	-	-	-	-	-
Alamo (CA)	-	-	-	2,608	-	-	-	-	-	-	-
Bottle Rock (CA)	-	-	-	-	-	5,946	-	-	-	-	-
Devil Canyon (CA)	-	-	-	83,712	-	-	-	-	-	-	-
Edw Hyatt (CA)	-	-	-	148,407	-	-	-	-	-	-	-
San Luis (CA)	-	-	-	31,721	-	-	-	-	-	-	-
Thermal Div (CA)	-	-	-	657	-	-	-	-	-	-	-
Thermalito (CA)	-	-	-	26,640	-	-	-	-	-	-	-
W E Warne (CA)	-	-	-	47,305	-	-	-	-	-	-	-
Cajun Elec Power Coop Inc	548,325	1,315	55,869	-	-	-	521	4	698	938	33
Big Cajun 1 (LA)	-	14	55,869	-	-	-	-	*	698	-	22
Big Cajun 2 (LA)	548,325	1,301	-	-	-	-	521	4	-	938	11
Callaway Mun Elec Utilities	-	-	-	-	-	-	-	-	-	-	-
Callaway (NE)	-	-	-	-	-	-	-	-	-	-	-
Cambridge Lt & Water Works	-	-	-	-	-	-	-	-	-	-	-
Cambridge (NE)	-	-	-	-	-	-	-	-	-	-	-
Campbell Municipal Elec Dept	-	-	-	-	-	-	-	-	-	-	-
Campbell (NE)	-	-	-	-	-	-	-	-	-	-	-
Campbell Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Campbell (MO)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Cape Hatteras Elec Membership Corp	-	-	-	-	-	-	-	-	-	-	-
Buxton (NC)	-	-	-	-	-	-	-	-	-	-	-
Cardinal Operating Company											
(AEP)	840,457	3,281	-	-	-	-	343	4	-	790	18
Cardinal (OH)	840,457	3,281	-	-	-	-	343	4	-	790	18
Carlyle Municipal Utilities	-	8	-	-	-	-	-	*	*	-	*
Carlyle (IL)	-	8	-	-	-	-	-	*	*	-	*
Carmi Light & Water	-	35	271	-	-	-	-	*	3	-	1
Carmi (IL)	-	35	271	-	-	-	-	*	3	-	1
Carolina Power & Light Co	2,124,473	10,530	3,157	36,817	1,890,454	-	869	22	60	2,812	206
Asheville (NC)	193,864	538	-	-	-	-	76	1	-	226	1
Blewett (NC)	-	184	-	7,100	-	-	-	1	-	-	8
Brunswick (NC)	-	-	-	-	764,338	-	-	-	-	-	-
Cape Fear (NC)	110,164	1,762	-	-	-	-	44	4	-	147	19
Darlington County (SC)	-	260	3,095	-	-	-	-	1	59	-	105
Harris (NC)	-	-	-	-	633,988	-	-	-	-	-	-
Lee (NC)	125,000	1,241	-	-	-	-	53	3	-	189	22
Marshall (NC)	-	-	-	1,740	-	-	-	-	-	-	-
Mayo (NC)	279,448	1,113	-	-	-	-	119	2	-	447	7
Morehead (NC)	-	-13	-	-	-	-	-	-	-	-	-
Robinson, H E (SC)	52,875	408	62	-	492,128	-	22	1	1	88	3
Roxboro (NC)	1,195,105	2,516	-	-	-	-	479	4	-	1,295	12
Sutton (NC)	137,783	1,926	-	-	-	-	62	4	-	318	13
Tillery (NC)	-	-	-	10,871	-	-	-	-	-	-	-
Walters (NC)	-	-	-	17,106	-	-	-	-	-	-	-
Weatherspoon (NC)	30,204	595	-	-	-	-	14	2	-	102	17
Carrollton Municipal Utilities	-	22	61	-	-	-	-	*	7	-	6
Carrollton (MO)	-	22	61	-	-	-	-	*	7	-	6
Carthage Water & Elec Plant	-	-	-58	-	-	-	-	-	*	-	4
Carthage (MO)	-	-	-58	-	-	-	-	-	*	-	4
Cascade Mun Elec Plant	-	44	-	-	-	-	-	*	-	-	*
Cascade (IA)	-	44	-	-	-	-	-	*	-	-	*
Cascade Power Company	-	-	-	76	-	-	-	-	-	-	-
Brevard (NC)	-	-	-	76	-	-	-	-	-	-	-
Cashton Light & Water Plant	-	-	-	-	-	-	-	-	-	-	-
Cashton (WI)	-	-	-	-	-	-	-	-	-	-	-
Cedar Falls Utilities	2,102	-	363	-	-	-	1	-	6	20	6
Cedar Falls Gt (IA)	2,102	-	137	-	-	-	1	-	2	20	-
Streeter (IA)	-	-	226	-	-	-	-	-	4	-	6
Centel Corporation	21,430	235	72,898	-	-	34	13	*	872	11	85
Cimarron River (KS)	-	-	16,034	-	-	-	-	-	228	-	-
Clark, W N (CO)	21,430	-	1,625	-	-	34	13	-	21	11	-
Clifton (KS)	-	3	9	-	-	-	-	*	1	-	6
Judson Large (KS)	-	-	46,789	-	-	-	-	-	482	-	43
Mullergren, Arthur (KS)	-	-	-160	-	-	-	-	-	*	-	22
Pueblo (CO)	-	120	6,633	-	-	-	-	*	102	-	7
Rocky Ford (CO)	-	112	1,968	-	-	-	-	*	38	-	7
Center Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Center (CO)	-	-	-	-	-	-	-	-	-	-	-
Central Electric Power Coop	35,435	26	-	-	-	-	17	*	-	22	*
Chamolis (MO)	35,435	26	-	-	-	-	17	*	-	22	*
Central Hudson Gas & Elec Corp	225,091	537,775	66,949	12,653	-	-	89	846	790	153	781
Coxsackie (NY)	-	13	636	-	-	-	-	*	9	-	3

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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 Hudson Gas & Elec Corp											
Danskammer (NY)	225,091	-	66,313	-	-	-	89	-	781	153	27
Dashville (NY)	-	-	-	1,528	-	-	-	-	-	-	-
High Falls (NY)	-	-	-	261	-	-	-	-	-	-	-
Neversink (NY)	-	-	-	5,597	-	-	-	-	-	-	-
Roseton (NY)	-	537,517	-	-	-	-	-	846	-	-	748
South Cairo (NY)	-	245	-	-	-	-	-	1	-	-	3
Sturgeon Pool (NY)	-	-	-	5,267	-	-	-	-	-	-	-
Central Illinois Light Co	481,655	869	103	-	-	-	205	1	2	329	1
Duck Creek (IL)	168,733	406	-	-	-	-	84	1	-	163	1
E D Edwards (IL)	312,922	463	-	-	-	-	121	1	-	166	1
Sterling Avenue (IL)	-	-	103	-	-	-	-	-	2	-	-
Central Illinois Public Service Co	918,988	6,619	-	-	-	-	429	15	-	842	81
Coffeen (IL)	339,588	14	-	-	-	-	167	-	-	445	5
Grand Tower (IL)	37,772	319	-	-	-	-	17	1	-	36	1
Hutsonville (IL)	61,467	329	-	-	-	-	28	1	-	64	2
Meredosia (IL)	115,644	3,274	-	-	-	-	54	9	-	82	69
Newton (IL)	364,497	2,683	-	-	-	-	162	5	-	216	5
Central Iowa Power Coop	26,917	938	237	-	-	-	16	3	*	93	4
Fair Station (IA)	26,917	-	-	-	-	-	16	-	-	93	-
Summit Lake (IA)	-	938	237	-	-	-	-	3	*	-	4
Central Louisiana Elec Co, Inc	730,680	-	338,530	-	-	-	509	-	3,445	901	209
Coughlin (LA)	-	-	41,492	-	-	-	-	-	455	-	49
Dolet Hills (LA)	399,027	-	902	-	-	-	312	-	9	398	-
Franklin (LA)	-	-	5	-	-	-	-	-	*	-	-
Rodemacher (LA)	331,653	-	161,372	-	-	-	197	-	1,645	504	118
Teche (LA)	-	-	134,759	-	-	-	-	-	1,335	-	42
Central Maine Power Company	-	151,723	-	111,449	-	-	-	267	-	-	543
Andro Lower (ME)	-	-	-	10	-	-	-	-	-	-	-
Andro Upper (ME)	-	-	-	-4	-	-	-	-	-	-	-
Androscoggin 3 (ME)	-	-	-	2,637	-	-	-	-	-	-	-
Automatic (ME)	-	-	-	35	-	-	-	-	-	-	-
Bar Mills (ME)	-	-	-	2,025	-	-	-	-	-	-	-
Bates Lower (ME)	-	-	-	76	-	-	-	-	-	-	-
Bates Upper (ME)	-	-	-	542	-	-	-	-	-	-	-
Bonny Eagle (ME)	-	-	-	4,920	-	-	-	-	-	-	-
Brunswick (ME)	-	-	-	4,752	-	-	-	-	-	-	-
C. E. Monty (ME)	-	-	-	10,744	-	-	-	-	-	-	-
Cape (ME)	-	129	-	-	-	-	-	1	-	-	10
Cataract (ME)	-	-	-	2,229	-	-	-	-	-	-	-
Continental Mills (ME)	-	-	-	173	-	-	-	-	-	-	-
Deer Rips (ME)	-	-	-	2,181	-	-	-	-	-	-	-
Fort Halifax (ME)	-	-	-	777	-	-	-	-	-	-	-
Gulf Island (ME)	-	-	-	10,832	-	-	-	-	-	-	-
Harris (ME)	-	-	-	17,492	-	-	-	-	-	-	-
Hill Mill (ME)	-	-	-	9	-	-	-	-	-	-	-
Hiram (ME)	-	-	-	5,693	-	-	-	-	-	-	-
Islesboro (ME)	-	-	-	-	-	-	-	-	-	-	*
Mason (ME)	-	721	-	-	-	-	-	3	-	-	104
North Gorham (ME)	-	-	-	818	-	-	-	-	-	-	-
Oakland (ME)	-	-	-	125	-	-	-	-	-	-	-
Peaks Island (ME)	-	4	-	-	-	-	-	-	-	-	*
Rice Rips (ME)	-	-	-	68	-	-	-	-	-	-	-
Shawmut (ME)	-	-	-	4,813	-	-	-	-	-	-	-
Skelton (ME)	-	-	-	1,016	-	-	-	-	-	-	-
Union Gas (ME)	-	-	-	-1	-	-	-	-	-	-	-
West Buxton (ME)	-	-	-	3,467	-	-	-	-	-	-	-
West Channel (MA)	-	-	-	116	-	-	-	-	-	-	-
Weston (ME)	-	-	-	7,229	-	-	-	-	-	-	-
Williams (ME)	-	-	-	-14	-	-	-	-	-	-	-
Wyman Hydro (ME)	-	-	-	28,689	-	-	-	-	-	-	-
Wyman, W F (ME)	-	150,869	-	-	-	-	-	264	-	-	429

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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 Nebraska Pub Pwr & Irr											
Dist	-	-	6,267	33,553	-	-	-	-	70	-	84
Canaday (NE)	-	-	6,267	-	-	-	-	-	70	-	84
Jeffrey Canyon (NE)	-	-	-	10,670	-	-	-	-	-	-	-
Johnson No 1 (NE)	-	-	-	5,055	-	-	-	-	-	-	-
Johnson No 2 (NE)	-	-	-	6,223	-	-	-	-	-	-	-
Kingsley (NE)	-	-	-	11,605	-	-	-	-	-	-	-
Central Operating Company											
(AEP)	267,623	2,942	-	-	-	-	105	4	-	747	14
Sporn, Phil (WV)	267,623	2,942	-	-	-	-	105	4	-	747	14
Central Power & Light Co (CSW)	386,420	293	925,301	5,094	-	-	176	*	9,168	411	536
* Central Storage	-	-	-	-	-	-	-	-	-	-	-
Bates, J L (TX)	-	-	64,937	-	-	-	-	-	632	-	42
Coletto Creek (TX)	386,420	21	-	-	-	-	176	*	-	411	7
Davis, Barney M (TX)	-	118	270,167	-	-	-	-	*	2,728	-	159
Eagle Pass (TX)	-	-	-	5,094	-	-	-	-	-	-	-
Hill, Lon C (TX)	-	35	108,638	-	-	-	-	*	1,108	-	74
Joslin, E S (TX)	-	-	100,446	-	-	-	-	-	993	-	53
La Palma (TX)	-	-	83,995	-	-	-	-	-	783	-	47
Laredo (TX)	-	15	56,863	-	-	-	-	*	620	-	31
Nueces Bay (TX)	-	79	217,993	-	-	-	-	*	2,074	-	69
Victoria (TX)	-	25	22,503	-	-	-	-	*	230	-	54
Central Vermont Pub Serv Corp ..	-	113	-	14,306	-	-	-	*	-	-	11
Arnold Falls (VT)	-	-	-	185	-	-	-	-	-	-	-
Ascutney (VT)	-	26	-	-	-	-	-	*	-	-	4
Bradford (VT)	-	-	-	599	-	-	-	-	-	-	-
Carver Falls (NY)	-	-	-	670	-	-	-	-	-	-	-
Cavendish (VT)	-	-	-	497	-	-	-	-	-	-	-
Clarks Falls (VT)	-	-	-	1,606	-	-	-	-	-	-	-
East Barnet (VT)	-	-	-	870	-	-	-	-	-	-	-
Fairfax Falls (VT)	-	-	-	1,978	-	-	-	-	-	-	-
Gage (VT)	-	-	-	3	-	-	-	-	-	-	-
Glen (VT)	-	-	-	460	-	-	-	-	-	-	-
Lower Middlebury (VT)	-	-	-	654	-	-	-	-	-	-	-
Milton (VT)	-	-	-	2,212	-	-	-	-	-	-	-
Passumpsic (VT)	-	-	-	415	-	-	-	-	-	-	-
Patch (VT)	-	-	-	70	-	-	-	-	-	-	-
Peterson (VT)	-	-	-	2,442	-	-	-	-	-	-	-
Pierce Mills (VT)	-	-	-	152	-	-	-	-	-	-	-
Pittsford (VT)	-	-	-	594	-	-	-	-	-	-	-
Rutland (VT)	-	76	-	-	-	-	-	*	-	-	6
Salisbury (VT)	-	-	-	265	-	-	-	-	-	-	-
Silver Lake (VT)	-	-	-	631	-	-	-	-	-	-	-
St. Albans (VT)	-	11	-	-	-	-	-	*	-	-	-
Taftsville (VT)	-	-	-	8	-	-	-	-	-	-	-
Weybridge (VT)	-	-	-	-5	-	-	-	-	-	-	-
Centralia Mun Hydro-Elec Plant ...	-	-	-	6,223	-	-	-	-	-	-	-
Centralia (WA)	-	-	-	6,223	-	-	-	-	-	-	-
Chanute City Of	-	244	3,044	-	-	-	-	*	30	-	2
Chanute (KS)	-	-	-23	-	-	-	-	-	-	-	-
Chanute 2 (KS)	-	7	102	-	-	-	-	*	1	-	-
Chanute 3 (KS)	-	237	2,965	-	-	-	-	*	29	-	1
Chappell City Of	-	-	-	-	-	-	-	-	-	-	-
Chappell (NE)	-	-	-	-	-	-	-	-	-	-	-
Chelan County P U D No 1	-	-	-	775,418	-	-	-	-	-	-	-
Chelan (WA)	-	-	-	29,556	-	-	-	-	-	-	-
Rock Island (WA)	-	-	-	219,630	-	-	-	-	-	-	-
Rocky Reach (WA)	-	-	-	526,232	-	-	-	-	-	-	-
Cheyenne Lt, Fuel & Power Co ..	-	-800	-	-	-	-	-	-	-	-	-
Corlett (WY)	-	-	-	-	-	-	-	-	-	-	-
Snyder (WY)	-	-800	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Chillicothe Municipal Utilities	1,062	-	-	-	-	-	1	-	-	1	9
Beardmore (MO)	1,062	-	-	-	-	-	1	-	-	1	9
Chugach Electric Assn, Inc	-	-	153,286	573	-	-	-	-	1,987	-	10
Beluga (AK)	-	-	133,710	-	-	-	-	-	1,690	-	-
Bernice Lake (AK)	-	-	19,380	-	-	-	-	-	291	-	3
Cooper Lake (AK)	-	-	-	573	-	-	-	-	-	-	-
International (AK)	-	-	196	-	-	-	-	-	6	-	7
Cincinnati Gas & Electric Co	1,441,933	5,147	802	-	-	-	627	12	22	1,208	70
Beckjord, Walter C (OH)	507,789	2,054	-	-	-	-	226	5	-	305	31
Dicks Creek (OH)	-	65	802	-	-	-	-	-	22	-	6
East Bend (KY)	280,173	350	-	-	-	-	125	1	-	284	6
Miami Fort (OH)	653,971	2,678	-	-	-	-	275	6	-	619	27
Citizens Utilities Co	-	-	-	2,808	-	-	-	-	-	-	1
Charleston (VT)	-	-	-	341	-	-	-	-	-	-	-
Newport (VT)	-	-	-	2,384	-	-	-	-	-	-	-
Newport Diesel (VT)	-	-	-	-	-	-	-	-	-	-	1
North Troy (VT)	-	-	-	83	-	-	-	-	-	-	-
Citizens Utilities Company	-	1	11	-	-	-	-	-	-	-	1
Valencia (AZ)	-	1	11	-	-	-	-	-	-	-	1
Clarksdale Water & Light Dept	-	-	4,773	-	-	-	-	-	74	-	15
South (MS)	-	-	4,773	-	-	-	-	-	74	-	13
Third St (MS)	-	-	-	-	-	-	-	-	-	-	1
Clay Center Mun Lt & Water											
Plant	-	68	3,077	-	-	-	-	-	47	-	3
Claycenter (KS)	-	68	3,077	-	-	-	-	-	47	-	3
Cleveland Elec Illum Co, The	1,127,275	3,402	-	-	828,518	-	465	12	-	639	110
Ashtabula (OH)	192,804	298	-	-	-	-	83	1	-	124	1
Avon Lake (OH)	377,053	353	-	-	-	-	165	1	-	148	14
Eastlake (OH)	474,353	1,005	-	-	-	-	185	3	-	273	12
Lake Shore (OH)	83,065	1,746	-	-	-	-	32	8	-	94	84
Perry (OH)	-	-	-	-	828,518	-	-	-	-	-	-
Cleveland Publ Utls Dept	-	-	160	-	-	-	-	-	7	-	3
Collinwood (OH)	-	-	29	-	-	-	-	-	6	-	1
Lake Road (OH)	-	-	-	-	-	-	-	-	-	-	-
West 41st Street (OH)	-	-	131	-	-	-	-	-	1	-	2
Clinton Village Of	-	-6	-	-	-	-	-	-	-	-	-
Clinton (MI)	-	-6	-	-	-	-	-	-	-	-	-
Cloverland Electric Coop	-	-42	-	-	-	-	-	-	-	-	1
Dafer (MI)	-	-27	-	-	-	-	-	-	-	-	-
Detour (MI)	-	-15	-	-	-	-	-	-	-	-	-
Coffeyville Mun Lt Dept	-	-	10,113	-	-	-	-	-	106	-	-
Coffeyville (KS)	-	-	10,113	-	-	-	-	-	106	-	-
Coggon Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Coggon (IA)	-	-	-	-	-	-	-	-	-	-	-
Colby Mun Wtr & Lt Plant	-	-	-	-	-	-	-	-	-	-	2
Colby (KS)	-	-	-	-	-	-	-	-	-	-	2
Coldwater City Of (Bd Of Pub											
Utiles)	-	18	-	-	-	-	-	-	-	-	3
Coldwater (MI)	-	18	-	-	-	-	-	-	-	-	3
Coleman City Of	-	116	1,404	-	-	-	-	-	29	-	1
Coleman (TX)	-	116	1,404	-	-	-	-	-	29	-	1
Colorado Springs, City Of	232,909	1,775	44	3,304	-	-	114	3	1	401	74

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Colorado Springs, City Of											
Drake, Martin (CO)	90,540	-	44	-	-	-	51	-	1	110	5
George Birdsal (CO)	-	-	-	-	-	-	-	-	-	-	65
Manitou (CO)	-	-	-	2,703	-	-	-	-	-	-	-
Ray D. Nixon (CO)	142,369	1,775	-	-	-	-	63	3	-	290	4
Ruxton (CO)	-	-	-	601	-	-	-	-	-	-	-
Colorado-Ute Elec Assn, Inc	1,090,990	1	1,451	1,930	-	-	548	*	15	1,521	6
Ames (CO)	-	-	-	417	-	-	-	-	-	-	-
Bullock (CO)	-	-	-	-	-	-	-	-	-	-	-
Craig (CO)	763,812	-	1,445	-	-	-	385	-	15	369	3
Hayden (CO)	318,720	1	6	-	-	-	158	*	*	509	3
Nucola (CO)	8,458	-	-	-	-	-	5	-	-	42	-
Ouray (CO)	-	-	-	-	-	-	-	-	-	-	-
Tacoma (CO)	-	-	-	1,513	-	-	-	-	-	-	-
Columbia Water & Light Dept	11,652	-	32	-	-	-	6	-	1	4	2
Columbia (MO)	11,652	-	32	-	-	-	6	-	1	4	2
Columbus & Southern Ohio Elec											
Co	681,903	1,058	-	-	-	-	297	2	-	820	12
Conesville (OH)	632,447	1,026	-	-	-	-	272	1	-	785	11
Picway (OH)	49,456	32	-	-	-	-	25	*	-	34	*
Columbus City Of	4,086	-	-	-	-	10,616	3	-	-	21	-
Columbus (OH)	-	-	-	-	-	-	-	-	-	-	-
Municipal Electric (OH)	4,086	-	-	-	-	18,616	3	-	-	21	-
Commonwealth Edison Co Of											
Indiana	80,393	-	4,110	-	-	-	47	-	44	283	-
State Line (IN)	80,393	-	4,110	-	-	-	47	-	44	283	-
Commonwealth Edison Company											
(CES)	1,612,267	43,238	44,262	1,340	6,302,788	-	982	185	530	4,493	1,364
Bloom (IL)	-	-	-	-	-	-	-	-	-	-	-
Braidwood (IL)	-	-	-	-	1,277,980	-	-	-	-	-	-
Byron (IL)	-	-	-	-	1,035,121	-	-	-	-	-	-
Calumet (IL)	-	139	72	-	-	-	-	1	1	-	15
Collins (IL)	-	23,130	-	-	-	-	-	141	-	-	1,267
Crawford (IL)	78,671	504	5,028	-	-	-	53	1	80	530	8
Dixon (IL)	-	-	-	1,340	-	-	-	-	-	-	-
Dresden (IL)	-	-	-	-	916,170	-	-	-	-	-	-
Electric Junction (IL)	-	53	1,872	-	-	-	-	*	38	-	15
Fisk Street (IL)	86,524	572	10,759	-	-	-	54	3	124	156	9
Joliet (IL)	17,834	69	1,192	-	-	-	12	*	18	199	7
Joliet 7 & 8 (IL)	191,008	-	23,017	-	-	-	120	-	268	929	9
Kincaid (IL)	414,170	-	369	-	-	-	230	-	4	337	-
Lasalle (IL)	-	-	-	-	1,517,497	-	-	-	-	-	-
Lombard (IL)	-	219	323	-	-	-	-	1	5	-	11
Powerton (IL)	391,625	-	646	-	-	-	255	-	8	1,323	-
Quad-cities (IL)	-	-	-	-	964,476	-	-	-	-	-	-
Sabrooke (IL)	-	503	-	-	-	-	-	1	-	-	21
Waukegan (IL)	210,175	4,238	984	-	-	-	119	9	10	375	18
Will County (IL)	222,260	13,811	-	-	-	-	138	27	-	642	4
Zion (IL)	-	-	-	-	591,544	-	-	-	-	-	-
Commonwealth Energy System											
(CES)	-	422,148	21,287	-	-	-	-	661	297	-	264
Blackstone Street (MA)	-	12	213	-	-	-	-	*	8	-	3
Canal (MA)	-	421,477	-	-	-	-	-	659	-	-	187
Cannon Street (MA)	-	257	7,561	-	-	-	-	1	106	-	24
Kendall Square (MA)	-	303	13,513	-	-	-	-	1	183	-	46
Oak Bluffs (MA)	-	44	-	-	-	-	-	*	-	-	1
West Tisbury (MA)	-	55	-	-	-	-	-	*	-	-	2
Connecticut Light & Power Co											
(NU)	-	347,365	28,649	35,263	-	37,769	-	612	334	-	2,110
Bantam (CT)	-	-	-	92	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Connecticut Light & Power Co											
(NII)											
Branford (CT)	-	13	-	-	-	-	-	-	-	-	1
Bulls Bridge (CT)	-	-	-	2,692	-	-	-	-	-	-	-
Cos Cob (CT)	-	463	-	-	-	-	-	1	-	-	7
Devon (CT)	-	88,140	-	-	-	-	-	156	-	-	394
Falls Village (CT)	-	-	-	4,823	-	-	-	-	-	-	-
Franklin (CT)	-	84	-	-	-	-	-	-	-	-	1
Middletown (CT)	-	112,395	-	-	-	-	-	206	-	-	616
Montville (CT)	-	22,277	28,649	-	-	-	-	42	334	-	423
Norwalk Harbor (CT)	-	122,012	-	-	-	-	-	201	-	-	407
Robertsville (CT)	-	-	-	50	-	-	-	-	-	-	-
Rocky River (CT)	-	-	-	1,285	-	-	-	-	-	-	-
Scotland (CT)	-	-	-	342	-	-	-	-	-	-	-
Shepaug (CT)	-	-	-	14,595	-	-	-	-	-	-	-
South Meadow (CT)	-	1,783	-	-	-	37,769	-	5	-	-	59
Stevenson (CT)	-	-	-	11,252	-	-	-	-	-	-	-
Taftville (CT)	-	-	-	136	-	-	-	-	-	-	-
Torrington (CT)	-	80	-	-	-	-	-	-	-	-	1
Tracy (CT)	-	100	-	-	-	-	-	-	-	-	1
Tunnel (CT)	-	18	-	-4	-	-	-	-	-	-	1
Connecticut Yankee Atomic Pwr Co											
Haddam Neck (CT)	-	-	-	-	-1,348	-	-	-	-	-	-
	-	-	-	-	-1,348	-	-	-	-	-	-
Consolidated Edison Co Of N Y, Inc											
* Central Storage *	-	672,666	1,197,385	-	666,967	-	-	1,152	12,513	-	3,662
Arthur Kill (NY)	-	-	-	-	-	-	-	-	-	-	2,744
Astoria (NY)	-	180,078	-	-	-	-	-	314	-	-	19
Buchanan (NY)	-	165,632	455,033	-	-	-	-	285	4,851	-	284
East River (NY)	-	12	-	-	-	-	-	-	-	-	5
Gowanus (NY)	-	93,751	52,974	-	-	-	-	180	629	-	194
Hudson Avenue (NY)	-	4,100	-	-	-	-	-	12	-	-	77
Indian Point (NY)	-	28,416	-	-	-	-	-	36	-	-	148
Kent Avenue (NY)	-	-	-	-	666,967	-	-	-	-	-	1
Narrows (NY)	-	413	7,098	-	-	-	-	1	123	-	78
Ravenswood (NY)	-	172,732	618,613	-	-	-	-	276	6,165	-	84
Waterside (NY)	-	6,883	63,667	-	-	-	-	13	745	-	1
59Th Street (NY)	-	2,850	-	-	-	-	-	8	-	-	24
74Th Street (NY)	-	17,799	-	-	-	-	-	28	-	-	3
Consolidated Water Power Company											
Biron (WI)	-	-	-	9,864	-	-	-	-	-	-	-
Du Bay (WI)	-	-	-	2,104	-	-	-	-	-	-	-
Stevens Point (WI)	-	-	-	3,881	-	-	-	-	-	-	-
Wisconsin Rapids (WI)	-	-	-	2,363	-	-	-	-	-	-	-
Wisconsin River DI (WI)	-	-	-	1,516	-	-	-	-	-	-	-
Consumers Power Company											
Alcona (MI)	1,379,096	67,430	2,861	-23,547	476,364	-	545	135	36	884	223
Allegan Dam (MI)	-	-	-	2,062	-	-	-	-	-	-	-
Big Rock Point (MI)	-	-	-	956	-	-	-	-	-	-	-
Campbell, J H (MI)	730,342	1,494	-	-	36,212	-	275	3	-	352	6
Cobb, B C (MI)	87,840	358	-	-	-	-	41	1	-	304	-
Cooke (MI)	-	-	-	2,059	-	-	-	-	-	-	-
Croton (MI)	-	-	-	2,991	-	-	-	-	-	-	-
Five Channels (MI)	-	-	-	1,912	-	-	-	-	-	-	-
Foots (MI)	-	-	-	2,497	-	-	-	-	-	-	-
Gaylord (MI)	-	-	503	-	-	-	-	-	5	-	-
Hardy (MI)	-	-	-	6,830	-	-	-	-	-	-	-
Hodenpyl (MI)	-	-	-	2,850	-	-	-	-	-	-	-
Karn, D E (MI)	281,129	65,102	-	-	-	-	109	131	-	92	215
Loud (MI)	-	-	-	1,539	-	-	-	-	-	-	-
Ludington (MI)	-	-	-	-55,753	-	-	-	-	-	-	-
Mio (MI)	-	-	-	1,117	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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											
Morrow, B E (MI)	-	-	283	-	-	-	-	-	4	-	-
Palisades (MI)	-	-	-	-	440,152	-	-	-	-	-	-
Rogers (MI)	-	-	-	2,197	-	-	-	-	-	-	-
Straits (MI)	-	-	180	-	-	-	-	-	1	-	-
Thotford (MI)	-	-	1,778	-	-	-	-	-	26	-	-
Tippy, C W (MI)	-	-	-	4,741	-	-	-	-	-	-	-
Weadock, J C (MI)	107,630	296	159	-	-	-	46	1	-	60	-
Wobber (MI)	-	-	-	455	-	-	-	-	-	-	-
Whiting, J R (MI)	172,155	180	-	-	-	-	74	-	-	75	2
Cool Water C G Program	-	-	-	-	-	-	-	-	-	-	-
Cool Water IGCC (CA)	-	-	-	-	-	-	-	-	-	-	-
Coon Rapids Mun Utilities	-	13	-	-	-	-	-	-	-	-	-
Coon Rapids (IA)	-	13	-	-	-	-	-	-	-	-	-
Cooperative Power Association ..	674,395	205	-	-	-	-	591	-	-	1,086	28
Bonifacius (MN)	-	177	-	-	-	-	-	-	-	-	3
Coal Creek (ND)	674,395	28	-	-	-	-	591	-	-	1,086	23
Copper Valley Electric Assn, Inc. ..	-	-41	-	5,367	-	-	-	-	-	-	1
Glennallen (AK)	-	-12	-	-	-	-	-	-	-	-	1
Valdez (AK)	-	-	-	5,367	-	-	-	-	-	-	-
Valdez (AK)	-	-29	-	-	-	-	-	-	-	-	-
Cordova City Of	-	2,458	-	-	-	-	-	5	-	-	1
Cordova (AK)	-	2,338	-	-	-	-	-	4	-	-	-
Ocean Dock (AK)	-	122	-	-	-	-	-	-	-	-	-
Corn Belt Power Coop	2,150	-	5	-	-	-	1	-	-	32	-
Humboldt (IA)	-26	-	-	-	-	-	-	-	-	18	-
Wisdom, Earl F (IA)	2,176	-	5	-	-	-	1	-	-	15	-
Corning Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Corning (IA)	-	-	-	-	-	-	-	-	-	-	-
Craig-Botetourt Electric Coop	-	-	-	39	-	-	-	-	-	-	-
New Castle (VA)	-	-	-	39	-	-	-	-	-	-	-
Crawfordsville Elec Lt & Pwr Util ..	7,869	-	-	-	-	-	6	-	-	2	-
Crawfordsville (IN)	7,869	-	-	-	-	-	6	-	-	2	-
Crete City Of	-	250	886	-	-	-	-	-	10	-	-
Crete (NE)	-	250	886	-	-	-	-	-	10	-	-
Crisp County Power Commission ..	167	-	68	1,636	-	-	-	-	2	3	-
Crisp (GA)	167	-	68	-	-	-	-	-	2	3	-
Warwick (GA)	-	-	-	1,636	-	-	-	-	-	-	-
Crystal Falls City Of (Lt & Wtr)	-	-	-	170	-	-	-	-	-	-	-
Crystal Falls (MI)	-	-	-	170	-	-	-	-	-	-	-
Culpeper Town Of	-	57	13	-	-	-	-	-	-	-	1
Culpeper (VA)	-	57	13	-	-	-	-	-	-	-	1
Cumberland Municipal Utility	-	109	-	-	-	-	-	-	-	-	1
Cumberland (WI)	-	109	-	-	-	-	-	-	-	-	1
Curtis City Of	-	-	-	-	-	-	-	-	-	-	-
Curtis (NE)	-	-	-	-	-	-	-	-	-	-	-
Cushing City Of	-	267	2,409	-	-	-	-	-	20	-	-
Cushing (OK)	-	267	2,409	-	-	-	-	-	20	-	-
Dada City Of	-	-	-	-	-	-	-	-	-	-	-
Floydada (TX)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Dahlberg Light & Power Co	-	-	-	47	-	-	-	-	-	-	*
Gordon (WI)	-	-	-	25	-	-	-	-	-	-	*
Nancy (WI)	-	-	-	22	-	-	-	-	-	-	-
Solon Diesel (WI)	-	-	-	-	-	-	-	-	-	-	*
Dairyland Power Cooperative	357,432	254	-	2,410	-	-	202	1	-	1,211	9
Alma (WI)	28,667	128	-	-	-	-	15	*	-	178	*
Flambeau (WI)	-	-	-	2,410	-	-	-	-	-	-	-
Genoa (WI)	163,859	-	-	-	-	-	76	*	-	869	6
J P Madgett (WI)	162,002	81	-	-	-	-	109	*	-	134	3
Stoneman (WI)	2,905	45	-	-	-	-	2	*	-	30	*
Danville Water, Gas & Elec Dept .	-	-	-	1,669	-	-	-	-	-	-	-
Pinnacles (VA)	-	-	-	1,669	-	-	-	-	-	-	-
Dayton Light & Power	-	-	-	-	-	-	-	-	-	-	-
Dayton (IA)	-	-	-	-	-	-	-	-	-	-	-
Dayton Power & Light Company,											
The	1,872,071	1,363	855	-	-	-	775	2	9	1,503	33
Frank M Tait (OH)	-	9	-	-	-	-	-	*	-	-	2
Hutchings (OH)	20,576	-	811	-	-	-	10	-	8	52	1
Killen Station (OH)	391,977	730	-	-	-	-	156	1	-	294	20
Monument (OH)	-	17	-	-	-	-	-	*	-	-	1
Sidney (OH)	-	13	-	-	-	-	-	*	-	-	1
Stuart, J M (OH)	1,459,518	584	-	-	-	-	610	1	-	1,157	2
Yankee Street (OH)	-	10	44	-	-	-	-	*	1	-	7
Delano Municipal Power Plant	-	18	14	-	-	-	-	*	*	-	1
Delano (MN)	-	18	14	-	-	-	-	*	*	-	1
Delmarva Power & Light Co. Of											
Del	409,441	143,146	127,320	-	-	-	176	210	1,713	461	729
Bayview (VA)	-	208	-	-	-	-	-	1	-	-	1
Cape Charles (VA)	-	-	-	-	-	-	-	-	-	-	-
Christiana (DE)	-	1,145	-	-	-	-	-	3	-	-	14
Crisfield (MD)	-	429	-	-	-	-	-	1	-	-	1
Delaware City (DE)	-	23,844	25,143	-	-	-	-	1	589	-	2
Edge Moor (DE)	122,499	84,037	55,637	-	-	-	53	139	603	99	502
Hay Road (DE)	-	-	46,540	-	-	-	-	-	521	-	53
Indian River (DE)	286,942	3,356	-	-	-	-	123	6	-	362	11
Madison Street (DE)	-	54	-	-	-	-	-	*	-	-	2
Tasley (VA)	-	676	-	-	-	-	-	2	-	-	5
Vienna (MD)	-	29,216	-	-	-	-	-	57	-	-	136
West Substation (DE)	-	301	-	-	-	-	-	1	-	-	1
Delta City Of	-	3	17	-	-	-	-	*	*	-	*
Delta (CO)	-	3	17	-	-	-	-	*	*	-	*
Denison Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Denison (IA)	-	-	-	-	-	-	-	-	-	-	*
Denton Municipal Utilities	-	-	14,676	-	-	-	-	-	159	-	37
Spencer (TX)	-	-	14,676	-	-	-	-	-	159	-	37
Denver City & County Of	-	-	-	5,990	-	-	-	-	-	-	-
Blue River (CO)	-	-	-	1,232	-	-	-	-	-	-	-
Foothills (CO)	-	-	-	916	-	-	-	-	-	-	-
Roberts Tunnel (CO)	-	-	-	1,236	-	-	-	-	-	-	-
Strontia Sprgs (CO)	-	-	-	816	-	-	-	-	-	-	-
Williams Fork (CO)	-	-	-	1,788	-	-	-	-	-	-	-
Deseret Generating & Transmission	228,366	189	-	-	-	-	110	*	-	283	4
Bonanza (UT)	228,366	189	-	-	-	-	110	*	-	283	4
Deshler Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Deshler (NE)	-	-	-	-	-	-	-	-	-	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Detroit City Of (Pub Lighting)											
Dept)	-	12,731	16,467	-	-	-	-	30	229	-	129
Mistersky (MI)	-	12,731	16,467	-	-	-	-	30	229	-	129
Detroit Edison Company, The	3,733,909	30,736	17,686	-	731,062	-	1,783	56	1,364	5,363	635
* Central Storage *	-	-	-	-	-	-	-	-	-	1,845	-
Beacon Heating (MI)	-	-	2,562	-	-	-	-	-	11	-	8
Belle River (MI)	839,990	1,704	-	-	-	-	458	3	-	-	19
Colfax (MI)	-	59	-	-	-	-	-	-	-	-	1
Conners Creek (MI)	-	25	-	-	-	-	-	-	-	-	1
Dayton (MI)	-	23	-	-	-	-	-	-	-	-	-
Enrico Fermi (MI)	-	128	-	-	731,062	-	-	-	-	-	5
Greenwood (MI)	-	17,455	-	-	-	-	-	32	-	-	487
Hancock (MI)	-	-	1,156	-	-	-	-	-	19	-	-
Harborside (MI)	13,436	158	-	-	-	-	6	-	-	46	-
Mayfield (MI)	-	-	-	-	-	-	-	-	-	-	-
Monroe (MI)	1,668,3	4,345	-	-	-	-	710	7	-	1,114	10
Northeast (MI)	-	177	312	-	-	-	-	-	5	-	2
Oliver (MI)	-	24	-	-	-	-	-	-	-	-	1
Placid (MI)	-	94	-	-	-	-	-	-	-	-	1
Putnam (MI)	-	61	-	-	-	-	-	-	-	-	1
River Rouge (MI)	227,616	17	13,346	-	-	-	92	-	1,325	78	-
Slocum (MI)	-	77	-	-	-	-	-	-	-	-	-
St. Clair (MI)	739,295	4,889	310	-	-	-	409	9	3	2,100	84
Superior (MI)	-	240	-	-	-	-	-	1	-	-	2
Trenton Channel (MI)	245,237	1,199	-	-	-	-	107	2	-	180	13
Wilmott (MI)	-	61	-	-	-	-	-	-	-	-	-
Detroit Lakes City Of	-	-	-	-	-	-	-	-	-	-	-
Detroit Lakes (MN)	-	-	-	-	-	-	-	-	-	-	-
Don Jones	-	-	-	45	-	-	-	-	-	-	-
White River (ND)	-	-	-	45	-	-	-	-	-	-	-
Douglas County Pud No 1	-	-	-	382,411	-	-	-	-	-	-	-
Wells (WA)	-	-	-	382,411	-	-	-	-	-	-	-
Dover Elec Lt & Power Plant	6,854	3	-	-	-	-	4	-	-	-	-
Dover (OH)	6,854	3	-	-	-	-	4	-	-	-	-
Dover Electric Department	-	32,461	12,630	-	-	-	-	64	154	-	41
McKee Run (DE)	-	32,461	12,630	-	-	-	-	64	154	-	41
Dowagiac Dept Of Public Service	-	90	92	-	-	-	-	-	1	-	-
Dowagiac (MI)	-	90	92	-	-	-	-	-	1	-	-
Duke Power Company	3,158,328	11,777	11,439	49,615	4,084,983	-	1,202	25	197	1,702	121
Allen (NC)	396,141	3,145	-	-	-	-	160	4	-	278	1
Belews Creek (NC)	940,050	2,127	-	-	-	-	349	3	-	721	5
Boyd's Mill (SC)	-	-	-	167	-	-	-	-	-	-	-
Briggewater (NC)	-	-	-	4,235	-	-	-	-	-	-	-
Buck (NC)	60,487	3,774	1,784	-	-	-	24	11	27	12	4
Buzzard Roost (SC)	-	8	4,680	1,792	-	-	-	-	82	-	41
Catawba (NC)	-	-	-	-	811,858	-	-	-	-	-	-
Cedar Creek (SC)	-	-	-	6,880	-	-	-	-	-	-	-
Cliffside (NC)	254,793	312	-	-	-	-	100	-	-	142	3
Cowans Ford (NC)	-	-	-	11,839	-	-	-	-	-	-	-
Dan River (NC)	95,384	1,191	-	-	-	-	41	5	-	46	14
Dearborn (SC)	-	-	-	8,167	-	-	-	-	-	-	-
Fishing Creek (SC)	-	-	-	8,009	-	-	-	-	-	-	-
Gaston Shoals (SC)	-	-	-	2,078	-	-	-	-	-	-	-
Great Falls (SC)	-	-	-	411	-	-	-	-	-	-	-
Hollidays Bridge (SC)	-	-	-	364	-	-	-	-	-	-	-
Idols (NC)	-	-	-	457	-	-	-	-	-	-	-
Jocassee (SC)	-	-	-	-48,116	-	-	-	-	-	-	-
Keowee (SC)	-	-	-	3,624	-	-	-	-	-	-	-
Lee (SC)	153,504	22	2,297	-	-	-	67	-	41	41	13
Lookout Shoals (NC)	-	-	-	6,843	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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											
Marshall (NC)	1,161,414	1,121	-	-	-	-	420	1	-	420	9
McGuire (NC)	-	-	-	-	1,417,036	-	-	-	-	-	-
Mountain Island (NC)	-	-	-	7,353	-	-	-	-	-	-	-
Oconee (SC)	-	-	-	-	1,856,089	-	-	-	-	-	-
Oxford (NC)	-	-	-	7,600	-	-	-	-	-	-	-
Rhodhiss (NC)	-	-	-	4,750	-	-	-	-	-	-	-
Riverbend (NC)	96,555	77	2,451	-	-	-	41	*	43	42	26
Rocky Creek (SC)	-	-	-	473	-	-	-	-	-	-	-
Saluda (SC)	-	-	-	463	-	-	-	-	-	-	-
Spencer Mountain (NC)	-	-	-	313	-	-	-	-	-	-	-
Stice Shoals (NC)	-	-	-	101	-	-	-	-	-	-	-
Turner Shoals (NC)	-	-	-	663	-	-	-	-	-	-	-
Tuxedo (NC)	-	-	-	-5	-	-	-	-	-	-	-
Urquhart (SC)	-	-	218	-	-	-	-	-	5	-	5
Wateree (SC)	-	-	-	10,378	-	-	-	-	-	-	-
Wylie (SC)	-	-	-	6,681	-	-	-	-	-	-	-
99 Islands (SC)	-	-	-	4,062	-	-	-	-	-	-	-
Duquesne Light Company	454,144	749	698	-	1,030,112	-	191	4	6	407	99
Beaver Valley (PA)	-	-	-	-	1,030,112	-	-	-	-	-	-
Brunot Island (PA)	-	-213	-	-	-	-	-	2	-	-	94
Cheswick (PA)	348,228	-	698	-	-	-	139	-	6	235	-
Elrama (PA)	105,916	962	-	-	-	-	52	2	-	172	4
Phillips, F (PA)	-	-	-	-	-	-	-	-	-	-	-
Durant Municipal Electric Plant	-	3	-	-	-	-	-	*	-	-	*
Durant (IA)	-	3	-	-	-	-	-	*	-	-	*
East Bay Mun Utility District	-	-	-	3,736	-	-	-	-	-	-	-
Camanche (CA)	-	-	-	-29	-	-	-	-	-	-	-
Pardee (CA)	-	-	-	3,765	-	-	-	-	-	-	-
East Kentucky Power											
Cooperative	596,551	564	-	-	-	-	252	1	-	446	9
Cooper (KY)	166,543	127	-	-	-	-	71	*	-	165	*
Dale (KY)	33,972	260	-	-	-	-	18	*	-	37	*
Spurlock, H L (KY)	396,036	177	-	-	-	-	163	*	-	245	8
Eastern Maine Elec Coop, Inc	-	-1	-	-	-	-	-	*	-	-	*
Portable (ME)	-	-	-	-	-	-	-	-	-	-	-
River Street (ME)	-	-1	-	-	-	-	-	*	-	-	*
Easton Utilities Commission, The	-	4,413	1,858	-	-	-	-	6	19	-	24
Easton (MD)	-	999	1,815	-	-	-	-	2	19	-	19
Easton No. 2 (MD)	-	3,414	43	-	-	-	-	4	*	-	5
Edison Sault Electric Co	-	7	-	15,350	-	-	-	*	-	-	*
Edison Sault (MI)	-	-	-	15,350	-	-	-	-	-	-	-
Manistique (MI)	-	7	-	-	-	-	-	*	-	-	*
Saint Ignace (MI)	-	-	-	-	-	-	-	-	-	-	-
Egegik Light & Power Company	-	49	-	-	-	-	-	*	-	-	-
Egegik (AK)	-	49	-	-	-	-	-	*	-	-	-
El Paso Electric Company	-	-	208,002	-	-	-	-	-	2,227	-	173
* Central Storage *	-	-	-	-	-	-	-	-	-	-	-
Copper (TX)	-	-	-	-	-	-	-	-	-	-	7
Newman (TX)	-	-	155,001	-	-	-	-	-	1,598	-	104
Rio Grande (NM)	-	-	53,001	-	-	-	-	-	629	-	63
Electra City Of	-	-	-	-	-	-	-	*	*	-	*
Electra (TX)	-	-	-	-	-	-	-	*	*	-	*
Electric Energy, Inc	558,123	422	-	-	-	-	260	1	-	475	1
Joppa Steam (IL)	558,123	422	-	-	-	-	260	1	-	475	1
Elk River Municipal Utilities	-	5	-	-	-	-	-	*	-	-	1
Elk River (MN)	-	5	-	-	-	-	-	*	-	-	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Ellinwood Lt & Water	-	8	238	-	-	-	-	*	8	-	-
Ellinwood (KS)	-	8	238	-	-	-	-	*	8	-	-
Elroy City Of	-	8	-	-	-	-	-	*	-	-	*
Elroy (WI)	-	8	-	-	-	-	-	*	-	-	*
Emerson Light & Power Plant	-	26	87	-	-	-	-	*	1	-	*
Emerson (NE)	-	26	87	-	-	-	-	*	1	-	*
Empire District Electric Co	177,884	1,189	8,714	3,219	-	-	105	4	153	125	47
Asbury (MO)	138,870	6	-	-	-	-	82	*	-	89	1
Energy Center (MO)	-	1,183	-	-	-	-	-	4	-	-	22
Ozark Beach (MO)	-	-	-	3,219	-	-	-	-	-	-	-
Riverton (KS)	40,814	-	8,714	-	-	-	23	-	153	36	24
Enosburg Falls Inc Village Of	-	1	-	245	-	-	-	*	-	-	*
Diesel Plt (VT)	-	1	-	-	-	-	-	*	-	-	*
Kendall (VT)	-	-	-	41	-	-	-	-	-	-	-
Village Plt (VT)	-	-	-	204	-	-	-	-	-	-	-
Ephraim City Corporation	-	-	-	145	-	-	-	-	-	-	-
No 1 (UT)	-	-	-	-	-	-	-	-	-	-	-
No. 3 (UT)	-	-	-	121	-	-	-	-	-	-	-
No.4 (UT)	-	-	-	24	-	-	-	-	-	-	-
Erda - Los Alamos Area Off	-	-	-	-	-	-	-	-	-	-	-
Ta-3 (NM)	-	-	-	-	-	-	-	-	-	-	-
Erie Water & Light	-	-	-	-	-	-	-	-	-	-	-
Erie (KS)	-	-	-	-	-	-	-	-	-	-	-
Escondido Mutual Wtr Co	-	-	-	433	-	-	-	-	-	-	-
Bear Valley (CA)	-	-	-	379	-	-	-	-	-	-	-
Rincon Pwr (CA)	-	-	-	54	-	-	-	-	-	-	-
Estherville City Of	-	19	50	-	-	-	-	*	1	-	2
Esterville (IA)	-	19	50	-	-	-	-	*	1	-	2
Eugene City Of	-	-	-	28,041	-	-	-	-	-	-	-
Carmen (OR)	-	-	-	13,654	-	-	-	-	-	-	-
Leaburg (OR)	-	-	-	8,778	-	-	-	-	-	-	-
Walterville (OR)	-	-	-	5,609	-	-	-	-	-	-	-
Willamette (OR)	-	-	-	-	-	-	-	-	-	-	-
Fairbanks Mun Utilities System	4,972	38	-	-	-	-	5	*	-	2	3
Chena (AK)	4,972	38	-	-	-	-	5	*	-	2	3
Fairbury Light & Water Dept	-	-	1,124	-	-	-	-	-	20	-	*
Fairbury (NE)	-	-	1,124	-	-	-	-	-	20	-	*
Fairfax Mun Pwr Plant	-	-	-	-	-	-	-	-	-	-	-
Fairfax (MN)	-	-	-	-	-	-	-	-	-	-	-
Fairfield Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Fairfield (IL)	-	-	-	-	-	-	-	-	-	-	-
Fairmont Pub Util Comm	-	78	986	-	-	-	-	*	14	2	1
Fairmont (MN)	-	78	986	-	-	-	-	*	14	2	1
Fairview Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Fairview (OK)	-	-	-	-	-	-	-	-	-	-	-
Fall River Rural Elec Coop	-	-	-	-	-	-	-	-	-	-	-
New Felt (ID)	-	-	-	-	-	-	-	-	-	-	-
Falls City Water & Light Dept	-	38	386	-	-	-	-	*	4	-	*
Falls City (NE)	-	38	386	-	-	-	-	*	4	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Farmer City City Of	-	-	-	-	-	-	-	*	*	-	*
Farmer City (IL)	-	-	-	-	-	-	-	*	*	-	*
Farmington City Of	-	-	5,261	9,817	-	-	-	-	71	-	-
Animas (NM)	-	-	5,261	27	-	-	-	-	71	-	-
Navajo (NM)	-	-	-	9,790	-	-	-	-	-	-	-
Farmington River Pwr Co	-	-	-	3,083	-	-	-	-	-	-	-
Rainbow (CT)	-	-	-	3,083	-	-	-	-	-	-	-
Fayette Water & Light Plant	-	39	-	-	-	-	-	*	-	-	*
Fayette (MO)	-	39	-	-	-	-	-	*	-	-	*
Fayetteville, Pub Works Comm											
Of	-	3	21,276	-	-	-	-	*	281	-	93
Pod #2 (NC)	-	3	21,276	-	-	-	-	*	281	-	93
Felt River Rural Elec Coop	-	1	35	-	-	-	-	*	3	-	*
Tipton (IA)	-	1	35	-	-	-	-	*	3	-	*
Fennimore Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Fennimore (WI)	-	-	-	-	-	-	-	-	-	-	*
Fishers Is Elec Corp (the	-	-	-	-	-	-	-	-	-	-	-
Fishers Isl (NY)	-	-	-	-	-	-	-	-	-	-	-
Fitchburg Gas & Elec Light Co	-	103	1,550	-	-	-	-	*	25	-	3
Fitchburg (MA)	-	103	1,550	-	-	-	-	*	25	-	3
Florida Keys Elec Coop Assn Inc											
Marathon (FL)	-	1,969	-	-	-	-	-	4	-	-	8
	-	1,969	-	-	-	-	-	4	-	-	8
Florida Power & Light Company .	-	2,346,674	1,092,745	-	1,473,373	-	-	3,705	11,917	-	4,041
Cape Canaveral (FL)	-	121,132	30,847	-	-	-	-	191	329	-	341
Cutler (FL)	-	-	21,128	-	-	-	-	-	285	-	-
Fort Meyers (FL)	-	258,418	-	-	-	-	-	399	-	-	466
Lauderdale (FL)	-	1,207	104,417	-	-	-	-	4	1,437	-	106
Manatee (FL)	-	655,752	-	-	-	-	-	1,040	-	-	1,130
Martin (FL)	-	278,797	224,195	-	-	-	-	452	2,445	-	667
Port Everglades (FL)	-	475,572	146,127	-	-	-	-	737	1,653	-	362
Putnam (FL)	-	167	244,864	-	-	-	-	*	2,359	-	37
Riviera (FL)	-	85,029	171,199	-	-	-	-	134	1,830	-	319
Sanford (FL)	-	212,200	35,756	-	-	-	-	344	387	-	354
St. Lucie (FL)	-	-	-	-	686,145	-	-	-	-	-	-
Turkey Point (FL)	-	258,400	114,212	-	787,228	-	-	403	1,193	-	258
Florida Power Corporation	1,445,371	692,955	29,847	-	581,543	-	549	1,194	349	867	1,596
* Central Storage *	-	-	-	-	-	-	-	-	-	-	477
Anclote (FL)	-	356,917	-	-	-	-	-	581	-	-	382
Avon Park (FL)	-	-	-	-	-	-	-	-	-	-	-
Bartow, P L (FL)	-	220,075	-	-	-	-	-	365	-	-	190
Bayboro (FL)	-	10,905	-	-	-	-	-	26	-	-	36
Crystal River (FL)	1,445,371	5,120	-	-	581,543	-	549	7	-	867	15
Debary (FL)	-	14,839	-	-	-	-	-	37	-	-	60
Higgins (FL)	-	26,891	5	-	-	-	-	54	*	-	79
Intercession City (FL)	-	5,390	-	-	-	-	-	13	-	-	146
Port St. Joe (FL)	-	-	-	-	-	-	-	-	-	-	-
Rio Pinar (FL)	-	-	-	-	-	-	-	-	-	-	-
Suwannee River (FL)	-	17,178	28,357	-	-	-	-	41	335	-	117
Turner, G E (FL)	-	35,640	1,285	-	-	-	-	71	15	-	93
Florida Public Utilities Co	-	-	-	-	-	-	-	-	-	-	-
Blue Springs (FL)	-	-	-	-	-	-	-	-	-	-	-
Forest City Municipal Utilities	-	-21	-	-	-	-	-	*	-	-	5
Forest City (IA)	-	-21	-	-	-	-	-	*	-	-	5
Fort Bend Utilities Company Inc .	-	-	-	-	-	-	-	-	-	-	-
Fort Bend (TX)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Fort Pierce Utilities Authority	-	29	28,238	-	-	-	-	*	337	-	31
King (FL)	-	29	28,238	-	-	-	-	*	337	-	31
Fort Wayne Mun Elec Lt & Pwr Works	-	-	-	-	-	-	-	-	-	-	-
Saint Joe Dam (IN)	-	-	-	-	-	-	-	-	-	-	-
Franklin Mun Lt & Wtr Plant	-	-	5	-	-	-	-	*	*	-	*
Franklin (NE)	-	-	5	-	-	-	-	*	*	-	*
Fredonia Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Fredonia (KS)	-	-	-	-	-	-	-	-	-	-	-
Freeburg Mun Light Plant	-	27	-	-	-	-	-	*	*	-	*
Freeburg (IL)	-	27	-	-	-	-	-	*	*	-	*
Freeport Electric Power System ..	-	1,841	-	-	-	-	-	4	-	-	18
Plant No 1 (NY)	-	588	-	-	-	-	-	1	-	-	2
Plant No 2 (NY)	-	1,253	-	-	-	-	-	3	-	-	17
Fremont Dept Of Utilities	29,864	-	609	-	-	-	21	-	7	20	2
Fremont No 2 (NE)	29,864	-	609	-	-	-	21	-	7	20	2
Fulton City Of	-	24	194	-	-	-	-	*	3	-	2
Fulton (MO)	-	24	194	-	-	-	-	*	3	-	2
Gainesville-Alachua County	143,050	1,821	51,005	-	-	-	59	3	647	116	71
Deerhaven (FL)	143,050	927	34,144	-	-	-	59	2	418	116	39
Kelly, J R (FL)	-	894	16,861	-	-	-	-	2	229	-	32
Gallatin Light & Water Works	-	-	-	-	-	-	-	-	-	-	-
Gallatin (MO)	-	-	-	-	-	-	-	-	-	-	-
Garkane Power Assn, Inc	-	-	-	1,878	-	-	-	-	-	-	-
Boulder (UT)	-	-	-	1,878	-	-	-	-	-	-	-
Garland City Of	-	-	121,015	-	-	-	-	-	1,320	-	185
Newman, C E (TX)	-	-	3,415	-	-	-	-	-	47	-	20
Olinger, Ray (TX)	-	-	117,600	-	-	-	-	-	1,273	-	164
Garnett City Of	-	8	76	-	-	-	-	*	10	-	1
Garnett (KS)	-	8	76	-	-	-	-	*	10	-	1
Geneseo Municipal Utilities	-	14	24	-	-	-	-	*	1	-	*
Geneseo (IL)	-	14	24	-	-	-	-	*	1	-	*
Georgia Power Co (SC)	7,067,067	20,231	9,784	73,588	2,354,104	-	2,969	45	107	5,522	415
Arkwright (GA)	56,637	7	81	-	-	-	30	*	2	78	3
Atkinson (GA)	-	144	7,854	-	-	-	-	*	88	-	116
Barnett Shoals (GA)	-	-	-	608	-	-	-	-	-	-	-
Bartlett Ferry (GA)	-	-	-	26,664	-	-	-	-	-	-	-
Bowen (GA)	1,919,811	2,169	-	-	-	-	747	3	-	1,742	10
Burton (GA)	-	-	-	926	-	-	-	-	-	-	-
Estatoah (GA)	-	-	-	98	-	-	-	-	-	-	-
Flint River (GA)	-	-	-	941	-	-	-	-	-	-	-
Goat Rock (GA)	-	-	-	10,868	-	-	-	-	-	-	-
Hammond (GA)	437,100	697	-	-	-	-	177	1	-	340	3
Hartlee Branch (GA)	967,090	625	-	-	-	-	383	1	-	866	4
Hatch, Edwin I. (GA)	-	-	-	-	1,106,866	-	-	-	-	-	-
Langdale (GA)	-	-	-	354	-	-	-	-	-	-	-
Lloyd Shoals (GA)	-	-	-	4,182	-	-	-	-	-	-	-
McDonough, J (GA)	352,810	81	1,849	-	-	-	136	*	17	212	-
Mcmanus (GA)	-	12,761	-	-	-	-	-	31	-	-	108
Mitchell, W (GA)	99,228	864	-	-	-	-	44	2	-	77	33
Morgan Falls (GA)	-	-	-	6,137	-	-	-	-	-	-	-
Nacoochee (GA)	-	-	-	549	-	-	-	-	-	-	-
North Highlands (GA)	-	-	-	7,441	-	-	-	-	-	-	-
Oliver Dam (GA)	-	-	-	11,380	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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)											
Riverview (GA)	-	-	-	150	-	-	-	-	-	-	-
Scherer (GA)	1,536,701	538	-	2,336	-	-	708	1	-	1,071	15
Sinclair Dam (GA)	-	-	-	5,417	-	-	-	-	-	-	-
Tallulah Falls (GA)	-	-	-	1,871	-	-	-	-	-	-	-
Terrora (GA)	-	-	-	3,586	-	-	-	-	-	-	-
Tugalo (GA)	-	-	-	-	1,247,238	-	-	-	-	-	-
Vogtle (GA)	-	-	-	-12,125	-	-	-	-	-	-	-
Wallace Dam (GA)	-	-	-	-	-	-	-	-	-	-	-
Wansley (GA)	1,020,323	362	-	-	-	-	443	1	-	666	30
Wilson (GA)	-	1,459	-	-	-	-	-	4	-	-	91
Yates (GA)	677,367	524	-	-	-	-	301	1	-	470	3
Yonah (GA)	-	-	-	1,976	-	-	-	-	-	-	-
Gilman Brothers Co	-	-	-	-	-	-	-	-	-	-	-
Gilman (CT)	-	-	-	-	-	-	-	-	-	-	-
Girard City Of	-	-	-	-	-	-	-	-	-	-	-
Girard (KS)	-	-	-	-	-	-	-	-	-	-	-
Glencoe Mun Electric Plant	-	165	53	-	-	-	-	-	1	-	2
Glencoe (MN)	-	165	53	-	-	-	-	-	1	-	2
Glendale Public Service Dept	-	16	23,184	-	-	-	-	-	302	-	71
Grayson (CA)	-	16	23,184	-	-	-	-	-	302	-	71
SCAMPP (CA)	-	-	-	-	-	-	-	-	-	-	-
Golden Valley Elec Assn, Inc	17,366	6,863	-	-	-	-	15	18	-	-	40
Fairbanks (AK)	-	2,772	-	-	-	-	-	8	-	-	4
Healy (AK)	17,366	22	-	-	-	-	15	-	-	-	-
North Pole (AK)	-	4,069	-	-	-	-	-	8	-	-	35
Goodland Municipal Electric Dep	-	104	715	-	-	-	-	-	11	-	5
Goodland (KS)	-	104	715	-	-	-	-	-	11	-	5
Gouverneur Elec Plt	-	-	-	18	-	-	-	-	-	-	-
Gouverneur (NY)	-	-	-	18	-	-	-	-	-	-	-
Gowrie Light & Water Plant	-	12	-	-	-	-	-	-	-	-	-
Gowrie (IA)	-	12	-	-	-	-	-	-	-	-	-
Graettinger Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Graettinger (IA)	-	-	-	-	-	-	-	-	-	-	-
Grafton Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Grafton (ND)	-	-	-	-	-	-	-	-	-	-	-
Grand Haven Board Of Lt & Pwr	36,715	7	3	-	-	-	19	-	-	41	11
Harbor Avenue (MI)	-	7	3	-	-	-	-	-	-	-	11
J B Simms (MI)	36,715	-	-	-	-	-	19	-	-	41	-
Grand Island Water & Light Dept	45,022	-	46	-	-	-	31	-	1	45	57
Burdick, C W (NE)	-	-	46	-	-	-	-	-	1	-	57
Platte (NE)	45,022	-	-	-	-	-	31	-	-	45	-
Grand Junction Mun Lt Plant	-	8	-	-	-	-	-	-	-	-	-
Grand Junction (IA)	-	8	-	-	-	-	-	-	-	-	-
Grand Marais, Village Of	-	-1	-	-	-	-	-	-	-	-	-
Grand Marais (MN)	-	-1	-	-	-	-	-	-	-	-	-
Grand River Dam Authority	530,607	-	903	24,035	-	-	317	-	11	595	4
GRDA No 1 (OK)	530,607	-	903	-	-	-	317	-	11	595	4
Markham (OK)	-	-	-	9,333	-	-	-	-	-	-	-
Pensacola (OK)	-	-	-	20,952	-	-	-	-	-	-	-
Salina (OK)	-	-	-	-6,250	-	-	-	-	-	-	-
Granite Falls City Of	-	-	-	93	-	-	-	-	-	-	-
Granite Falls (MN)	-	-	-	93	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Grant County P U D No 2	-	-	-	879,496	-	-	-	-	-	-	-
Pec Hdws (WA)	-	-	-	2,310	-	-	-	-	-	-	-
Priest Rapids (WA)	-	-	-	441,997	-	-	-	-	-	-	-
Quincy Chut (WA)	-	-	-	5,211	-	-	-	-	-	-	-
Wanapum (WA)	-	-	-	429,978	-	-	-	-	-	-	-
Green Mountain Power Corporation	-	381	-	13,960	-	-	-	1	-	-	17
Berlin (VT)	-	243	-	-	-	-	-	1	-	-	14
Bolton Falls (VT)	-	-	-	2,705	-	-	-	-	-	-	-
Colchester (VT)	-	63	-	-	-	-	-	-	-	-	2
Essex Junction 19 (VT)	-	9	-	3,425	-	-	-	-	-	-	-
Gorge 18 (VT)	-	-	-	1,333	-	-	-	-	-	-	-
Marshfield 6 (VT)	-	-	-	1,614	-	-	-	-	-	-	-
Middlesex 2 (VT)	-	-	-	1,469	-	-	-	-	-	-	-
Vergennes 9 (VT)	-	66	-	1,061	-	-	-	-	-	-	1
Waterbury 22 (VT)	-	-	-	2,038	-	-	-	-	-	-	-
West Danville 15 (VT)	-	-	-	315	-	-	-	-	-	-	-
Greenfield Municipal Utilities	-	56	-	-	-	-	-	-	-	-	-
Greenfield (IA)	-	56	-	-	-	-	-	-	-	-	-
Greenport Village Of	-	-25	-	-	-	-	-	-	-	-	-
Greenport (NY)	-	-25	-	-	-	-	-	-	-	-	-
Greensburg Mun Lt & Pwr	-	126	1,620	-	-	-	-	-	21	-	1
Greensburg (KS)	-	126	1,620	-	-	-	-	-	21	-	1
Greenville Electric Dept	-	-	13,955	-	-	-	-	-	178	-	22
Steam (TX)	-	-	-22	-	-	-	-	-	-	-	3
Steam (TX)	-	-	13,977	-	-	-	-	-	178	-	20
Greenwood Utilities Commission	-	-	3,177	-	-	-	-	-	61	5	7
Henderson (MS)	-	-	2,486	-	-	-	-	-	47	5	5
Wright (MS)	-	-	691	-	-	-	-	-	15	1	2
Gresham Mun Light Plant	-	-	-	235	-	-	-	-	-	-	-
Gresham (WI)	-	-	-	-	-	-	-	-	-	-	-
Lower Weed (WI)	-	-	-	106	-	-	-	-	-	-	-
Upper Weed (WI)	-	-	-	129	-	-	-	-	-	-	-
Grundy Center Mun Lt & Pwr	-	25	-	-	-	-	-	-	-	-	-
Grundy Center (IA)	-	25	-	-	-	-	-	-	-	-	-
Guadalupe-Blanco River Auth	-	-	-	7,785	-	-	-	-	-	-	-
Abbott Tp 3 (TX)	-	-	-	1,029	-	-	-	-	-	-	-
Canyon (TX)	-	-	-	3,250	-	-	-	-	-	-	-
Dunlap Tp 1 (TX)	-	-	-	-	-	-	-	-	-	-	-
H-4 (TX)	-	-	-	886	-	-	-	-	-	-	-
H-5 (TX)	-	-	-	880	-	-	-	-	-	-	-
Nolte (TX)	-	-	-	836	-	-	-	-	-	-	-
Nolte (TX)	-	-	-	904	-	-	-	-	-	-	-
Gulf Power Co (SC)	716,746	1,212	32,476	-	-	-	325	2	304	963	10
Crist (FL)	472,622	405	32,476	-	-	-	217	1	304	714	4
Scholz (FL)	53,513	25	-	-	-	-	26	-	-	16	-
Smith (FL)	180,611	792	-	-	-	-	82	1	-	232	6
Gulf States Utilities Company	353,053	969	2,312,098	18,778	543,437	-	215	2	21,707	387	442
Lewis Creek (TX)	-	-	282,650	-	-	-	-	-	2,786	-	34
Louisiana 1 (LA)	-	-	123,464	-	-	-	-	-	1,077	-	-
Louisiana 2 (LA)	-	-	-	-	-	-	-	-	-	-	-
Neches (TX)	-	-	-	-	-	-	-	-	-	-	-
Nelson, R S (LA)	353,053	886	429,966	-	-	-	215	2	4,430	387	100
River Bend (LA)	-	-	-	-	543,437	-	-	-	-	-	-
Sabine (TX)	-	8	819,880	-	-	-	-	-	7,714	-	104
Toledo Bend (TX)	-	-	-	10,778	-	-	-	-	-	-	-
Willow Glen (LA)	-	75	556,138	-	-	-	-	-	5,700	-	204

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Gwitchyaa Zhee Utility Company	-	16	-	-	-	-	-	*	-	-	*
Gwitchyaa Zhee (AK)	-	16	-	-	-	-	-	*	-	-	*
GPU Nuclear Corporation	-	-	-	-	977,051	-	-	-	-	-	-
Oyster Creek (NJ)	-	-	-	-	407,070	-	-	-	-	-	-
Three Mile Island (PA)	-	-	-	-	569,981	-	-	-	-	-	-
Hagerstown Mun Elec Lt Plant	-	-	-	-	-	-	-	-	-	-	-
Hagerstown (MD)	-	-	-	-	-	-	-	-	-	-	-
Haines Light And Power	-	-	-	-	-	-	-	-	-	-	-
Company	-	-	-	-	-	-	-	-	-	-	-
Haines (AK)	-	-	-	-	-	-	-	-	-	-	-
Halstad Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Halstad (MN)	-	-	-	-	-	-	-	-	-	-	*
Hamilton City Of	9,321	27	18,174	28,745	-	-	5	*	235	29	3
Hamilton (OH)	9,321	27	18,174	-	-	-	5	*	235	29	3
Hamilton Hydro (OH)	-	-	-	-	-	-	-	-	-	-	-
Vanceburg Hydro (KY)	-	-	-	28,745	-	-	-	-	-	-	-
Hardwick Electric Department	-	8	-	387	-	-	-	*	-	-	*
Hardwick (VT)	-	8	-	-	-	-	-	*	-	-	*
Wolcott (VT)	-	-	-	387	-	-	-	-	-	-	-
Hart Hydro Electric Dept	-	2	-	96	-	-	-	*	-	-	*
Hart (MI)	-	2	-	-	-	-	-	*	-	-	*
Hart Hydro (MI)	-	-	-	96	-	-	-	-	-	-	-
Hartley City Of	-	-	-	-	-	-	-	-	-	-	-
Hartley (IA)	-	-	-	-	-	-	-	-	-	-	-
Hastings Utilities	27,365	23	-	-	-	-	19	*	-	60	6
Don Henry (NE)	-	-	-	-	-	-	-	-	-	-	1
Hastings (NE)	27,365	23	-	-	-	-	19	*	-	60	1
North Denver (NE)	-	-	-	-	-	-	-	-	-	-	4
Hawaii Electric Light Co, Inc	-	47,363	-	2,240	-	-	-	106	-	-	72
Kanoelehua (HI)	-	1,701	-	-	-	-	-	4	-	-	4
Keahole (HI)	-	7,609	-	-	-	-	-	17	-	-	7
Pohoiki (HI)	-	-	-	-	-	-	-	-	-	-	-
Puna (HI)	-	9,851	-	-	-	-	-	26	-	-	14
Puueo (HI)	-	-	-	1,593	-	-	-	-	-	-	-
Shipman (HI)	-	4,373	-	-	-	-	-	12	-	-	7
W. H. Hill (HI)	-	22,133	-	-	-	-	-	46	-	-	39
Walau (HI)	-	-	-	647	-	-	-	-	-	-	-
Waimea (HI)	-	1,696	-	-	-	-	-	3	-	-	2
Hawaiian Electric Company, Inc ..	-	572,604	-	-	-	-	-	964	-	-	724
* Central Storage *	-	-	-	-	-	-	-	-	-	-	181
Honolulu (HI)	-	47,964	-	-	-	-	-	92	-	-	63
Kahe (HI)	-	330,806	-	-	-	-	-	525	-	-	289
Walau (HI)	-	193,834	-	-	-	-	-	348	-	-	192
Hawarden City Of	-	-	-	-	-	-	-	-	-	-	-
Hawarden (IA)	-	-	-	-	-	-	-	-	-	-	-
Haxton City Of	-	-	-	-	-	-	-	-	-	-	-
Haxton (CO)	-	-	-	-	-	-	-	-	-	-	-
Heber Light & Power Plant	-	-	128	1,148	-	-	-	-	2	-	-
Gas Generation (UT)	-	-	128	-	-	-	-	-	2	-	-
Lake Creek (UT)	-	-	-	684	-	-	-	-	-	-	-
SNAKE Creek (UT)	-	-	-	464	-	-	-	-	-	-	-
Henderson Mun Pwr & Lt	4,157	-	-	-	-	-	3	*	-	4	*
Henderson (KY)	4,157	-	-	-	-	-	3	*	-	4	*

See footnotes at end of table

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Herndon City Of	-	-	-	-	-	-	-	-	-	-	-
City Lght Plant (KS)	-	-	-	-	-	-	-	-	-	-	-
Herrington City Of	-	114	537	-	-	-	-	*	7	-	*
Herrington (KS)	-	114	537	-	-	-	-	*	7	-	*
Hetchy Hetchy Water & Power	-	-	-	133,022	-	-	-	-	-	-	-
Holm, Dion R (CA)	-	-	-	49,897	-	-	-	-	-	-	-
Kirkwood, Robert C (CA)	-	-	-	42,699	-	-	-	-	-	-	-
Moccasin (CA)	-	-	-	39,794	-	-	-	-	-	-	-
Moccasin Low (CA)	-	-	-	632	-	-	-	-	-	-	-
Hibbing Public Utilities Comm	1,040	-	-	-	-	-	4	-	-	2	-
Hibbing (MN)	1,040	-	-	-	-	-	4	-	-	2	-
Higginsville City Of	-	-	-	-	-	-	-	-	-	-	-
Higginsville (MO)	-	-	-	-	-	-	-	-	-	-	-
Highland City Of	-	2	14	-	-	-	-	*	*	-	1
Highland (IL)	-	2	14	-	-	-	-	*	*	-	1
Hill City City Of	-	2	16	-	-	-	-	*	*	-	*
Hill City (KS)	-	2	16	-	-	-	-	*	*	-	*
Hillsdale Board Of Public Works ..	-	4	432	-	-	-	-	*	4	-	2
Hillsdale (MI)	-	4	432	-	-	-	-	*	4	-	2
Holsington City Of	-	237	1,626	-	-	-	-	*	15	-	*
Holsington (KS)	-	237	1,626	-	-	-	-	*	15	-	*
Holdrege City Of	-	4	-	-	-	-	-	*	-	-	*
Holdrege (NE)	-	4	-	-	-	-	-	*	-	-	*
Holland Board Of Public Works ...	19,059	161	14,223	-	-	-	10	*	149	3	1
James De Young (MI)	19,059	61	14,223	-	-	-	10	*	149	3	*
6Th Street (MI)	-	100	-	-	-	-	-	*	-	-	1
Holly Town Of	-	-	-	-	-	-	-	-	-	-	-
Holly (CO)	-	-	-	-	-	-	-	-	-	-	-
Holton City Of	-	114	999	-	-	-	-	*	12	-	*
Holton (KS)	-	114	999	-	-	-	-	*	12	-	*
Holyoke Gas & Elec Dept	-	11	207	451	-	-	-	*	10	-	23
Cabot-Holyoke (MA)	-	11	207	451	-	-	-	*	10	-	23
Holyoke Mun Pwr & Lt Plt	-	-	-	-	-	-	-	-	-	-	-
Holyoke (CO)	-	-	-	-	-	-	-	-	-	-	-
Holyoke Water Power Co (NU)	103,236	62	-	23,075	-	-	39	*	-	67	*
Boatlock (MA)	-	-	-	1,144	-	-	-	-	-	-	-
Chemical (MA)	-	-	-	-3	-	-	-	-	-	-	-
Hadley Falls (MA)	-	-	-	19,260	-	-	-	-	-	-	-
Holbrook, Beebe (MA)	-	-	-	144	-	-	-	-	-	-	-
Mt Tom (MA)	103,236	62	-	-	-	-	39	*	-	67	*
Riverside (MA)	-	-	-	2,448	-	-	-	-	-	-	-
Skinner (MA)	-	-	-	81	-	-	-	-	-	-	-
Homer Electric Assn, Inc	-	-	-	-	-	-	-	-	-	-	*
Seldovia (AK)	-	-	-	-	-	-	-	-	-	-	*
Homestead City Of	-	947	13,182	-	-	-	-	2	149	-	9
G W Ivey (FL)	-	947	13,182	-	-	-	-	2	149	-	9
Hoosier Energy, Ind Statewide											
Rec	564,580	488	-	-	-	-	273	1	-	548	9
Merom (IN)	423,894	413	-	-	-	-	209	1	-	473	9
Ratts (IN)	140,686	75	-	-	-	-	64	*	-	75	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Hopkinton Municipal Utility	-	27	-	-	-	-	-	*	-	-	*
Hopkinton (IA)	-	27	-	-	-	-	-	*	-	-	*
Houma Light & Water Plant	-	-14	13,948	-	-	-	-	-	281	-	6
Houma (LA)	-	-14	13,948	-	-	-	-	-	281	-	6
Houston Lighting & Power Co	2,276,411	3,996	2,859,693	-	1,738,795	-	1,568	8	29,218	-	885
* Central Storage	-	-	-	-	-	-	-	-	-	-	26
Bertron, Sam (TX)	-	671	169,312	-	-	-	-	1	1,950	-	194
Cedar Bayou (TX)	-	615	924,061	-	-	-	-	1	9,283	-	316
Clarke, Hiram (TX)	-	-	774	-	-	-	-	-	14	-	-
Deepwater (TX)	-	-	45,422	-	-	-	-	-	489	-	-
Greens Bayou (TX)	-	2,378	206,632	-	-	-	-	5	2,072	-	104
Limestone (TX)	909,045	250	27,593	-	-	-	701	*	282	-	36
Parish, W A (TX)	1,367,366	-	464,965	-	-	-	867	-	4,605	-	42
Robinson, P H (TX)	-	-	623,116	-	-	-	-	-	6,396	-	120
South Texas (TX)	-	-	-	-	1,738,795	-	-	-	-	-	-
Webster (TX)	-	-	131,940	-	-	-	-	-	1,425	-	-
Wharton, T H (TX)	-	82	265,878	-	-	-	-	*	2,701	-	47
Hudson Light & Power Dept	-	213	1,553	-	-	-	-	*	16	-	16
Cherry Street (MA)	-	213	1,553	-	-	-	-	*	16	-	16
Hughes Power & Light Company	-	7	-	-	-	-	-	*	-	-	3
Hughes (AK)	-	7	-	-	-	-	-	*	-	-	3
Hugoton City Of	-	294	2,582	-	-	-	-	*	26	-	1
Hugoton (KS)	-	37	316	-	-	-	-	*	3	-	1
Hugoton #2 (KS)	-	257	2,266	-	-	-	-	*	23	-	-
Hutchinson Utilities Comm	-	6	5,603	-	-	-	-	*	56	-	4
Plant No. 1 (MN)	-	6	5,603	-	-	-	-	*	56	-	1
Plant No. 2 (MN)	-	-	-	-	-	-	-	-	-	-	3
Hydro Dev Group Inc	-	-	-	3,532	-	-	-	-	-	-	-
#3 Mill (NY)	-	-	-	120	-	-	-	-	-	-	-
#6 Mill (NY)	-	-	-	144	-	-	-	-	-	-	-
Copenhagen (NY)	-	-	-	124	-	-	-	-	-	-	-
Dexter (NY)	-	-	-	858	-	-	-	-	-	-	-
Diamond Island (NY)	-	-	-	257	-	-	-	-	-	-	-
Fowler (NY)	-	-	-	259	-	-	-	-	-	-	-
Halesboro (NY)	-	-	-	310	-	-	-	-	-	-	-
Pyrites (NY)	-	-	-	143	-	-	-	-	-	-	-
Pyrites #2 (NY)	-	-	-	1,207	-	-	-	-	-	-	-
Theresa (NY)	-	-	-	110	-	-	-	-	-	-	-
Hyrum City Corporation	-	-	-	160	-	-	-	-	-	-	-
Hyrum (UT)	-	-	-	160	-	-	-	-	-	-	-
I-N-N Electric Coop Inc	-	180	-	-	-	-	-	*	-	-	5
I-N-N Electric (AK)	-	180	-	-	-	-	-	*	-	-	5
Idaho Falls Elec Light Dept	-	-	-	33,040	-	-	-	-	-	-	-
City Power Plant (ID)	-	-	-	5,363	-	-	-	-	-	-	-
Gem State (ID)	-	-	-	16,384	-	-	-	-	-	-	-
Lower (ID)	-	-	-	863	-	-	-	-	-	-	-
Lower #1 (ID)	-	-	-	4,953	-	-	-	-	-	-	-
Upper Power Plant (ID)	-	-	-	5,477	-	-	-	-	-	-	-
Idaho Power Company	-	-	-	479,185	-	-	-	-	-	-	13
American Falls (ID)	-	-	-	36,075	-	-	-	-	-	-	-
Bliss (ID)	-	-	-	28,358	-	-	-	-	-	-	-
Brownlee (ID)	-	-	-	134,819	-	-	-	-	-	-	-
Cascade (ID)	-	-	-	5,273	-	-	-	-	-	-	-
Clear Lake (ID)	-	-	-	1,397	-	-	-	-	-	-	-
Hells Canyon (OR)	-	-	-	111,845	-	-	-	-	-	-	-
Lower Malad (ID)	-	-	-	9,778	-	-	-	-	-	-	-
Lower Salmon (ID)	-	-	-	18,739	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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											
Oxbow (OR)	-	-	-	55,000	-	-	-	-	-	-	-
Salmon (ID)	-	-	-	-	-	-	-	-	-	-	-
Shoshone Falls (ID)	-	-	-	7,774	-	-	-	-	-	-	-
Strike, C J (ID)	-	-	-	30,059	-	-	-	-	-	-	-
Swan Falls (ID)	-	-	-	6,802	-	-	-	-	-	-	-
Thousand Springs (ID)	-	-	-	4,409	-	-	-	-	-	-	-
Twin Falls (ID)	-	-	-	4,476	-	-	-	-	-	-	-
Upper Malad (ID)	-	-	-	5,628	-	-	-	-	-	-	-
Upper Salmon (ID)	-	-	-	9,222	-	-	-	-	-	-	-
Upper Salmon (ID)	-	-	-	9,531	-	-	-	-	-	-	-
Wood River (ID)	-	-	-	-	-	-	-	-	-	-	13
Illinois Power Company	1,065,833	15,298	32,918	-	583,679	-	511	27	311	564	205
Baldwin (IL)	625,710	188	-	-	-	-	296	-	-	298	6
Clinton (IL)	-	-	-	-	583,679	-	-	-	-	-	-
Havana (IL)	95,461	14,184	-	-	-	-	49	24	-	84	178
Hennepin (IL)	127,210	-	2,469	-	-	-	62	-	25	126	1
Oglesby (IL)	-	617	48	-	-	-	-	2	1	-	2
Stallings (IL)	-	-	979	-	-	-	-	-	18	-	5
Vermillion (IL)	62,769	129	-	-	-	-	34	-	-	36	2
Wood River (IL)	154,683	200	29,422	-	-	-	69	-	267	20	11
Imperial City Of	-	-	-	-	-	-	-	-	-	-	-
Imperial (NE)	-	-	-	-	-	-	-	-	-	-	-
Imperial Irrigation District	-	4,777	62,282	29,976	-	-	-	10	751	-	191
Brawley (CA)	-	24	-	-	-	-	-	-	-	-	6
Coachella (CA)	-	-	1,698	-	-	-	-	-	24	-	14
Double Weir (CA)	-	-	-	165	-	-	-	-	-	-	-
Drop No. 1 (CA)	-	-	-	2,547	-	-	-	-	-	-	-
Drop No. 5 (CA)	-	-	-	1,404	-	-	-	-	-	-	-
Drop 2 (CA)	-	-	-	5,959	-	-	-	-	-	-	-
Drop 3 (CA)	-	-	-	5,533	-	-	-	-	-	-	-
Drop 4 (CA)	-	-	-	11,436	-	-	-	-	-	-	-
E Highline (CA)	-	-	-	713	-	-	-	-	-	-	-
El Centro (CA)	-	4,681	60,553	-	-	-	-	9	727	-	154
Pilot Knob (CA)	-	-	-	2,064	-	-	-	-	-	-	-
Rockwood (CA)	-	72	31	-	-	-	-	-	1	-	16
Turnip (CA)	-	-	-	155	-	-	-	-	-	-	-
Independence City Of	-	34	-	-	-	-	-	-	-	-	2
Independence (IA)	-	34	-	-	-	-	-	-	-	-	2
Independence City Of	21,996	646	4,269	-	-	-	13	2	63	40	10
Blue Valley (MO)	21,996	503	3,187	-	-	-	13	1	44	14	3
Jackson Square (MO)	-	2	-	-	-	-	-	-	-	-	2
Missouri City (MO)	-	-142	-	-	-	-	-	-	-	26	2
Station H (MO)	-	1	1,082	-	-	-	-	-	19	-	2
Station I (MO)	-	292	-	-	-	-	-	1	-	-	2
Indiana & Michigan Power Co											
(AEP)	1,981,749	6,142	-	7,678	733,111	-	1,094	12	-	2,789	56
Berrien Springs (MI)	-	-	-	2,595	-	-	-	-	-	-	-
Breed (IN)	38,188	291	-	-	-	-	19	-	-	318	1
Buchanan (MI)	-	-	-	1,651	-	-	-	-	-	-	-
Cook, Donald C. (MI)	-	-	-	-	733,111	-	-	-	-	-	-
Elkhart (IN)	-	-	-	1,235	-	-	-	-	-	-	-
Fourth Street (IN)	-	9	-	-	-	-	-	-	-	-	2
Rockport (IN)	1,486,577	4,845	-	-	-	-	884	10	-	1,964	35
Tanners Creek (IN)	456,984	997	-	-	-	-	191	1	-	482	19
Twin Branch (IN)	-	-	-	2,197	-	-	-	-	-	-	-
Indiana-Kentucky Electric Corp	843,965	386	-	-	-	-	392	1	-	565	3
Clifty Creek (IN)	843,965	386	-	-	-	-	392	1	-	565	3
Indianapolis Pwr & Lt Co	1,140,763	2,537	2,244	-	-	-	538	5	1	1,546	77
Perry K (IN)	501	-	2,244	-	-	-	1	-	1	12	3

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Indianapolis Pwr & Lt Co											
Perry W (IN)	-60	-	-	-	-	-	-	-	-	4	2
Petersburg (IN)	924,963	233	-	-	-	-	434	-	-	1,012	8
Pritchard, H T (IN)	53,115	1,078	-	-	-	-	27	2	-	116	11
Stout, Elmer W (IN)	162,244	1,226	-	-	-	-	76	3	-	402	53
Indianola Mun Light & Pwr	-	-52	-4	-	-	-	-	-	-	-	14
Indianola (IA)	-	-52	-4	-	-	-	-	-	-	-	14
Interstate Power Company	205,755	302	11,166	-	-	-	118	1	132	706	21
Dubuque (IA)	11,867	3	383	-	-	-	8	-	5	48	1
Fox Lake (MN)	9,704	84	10,190	-	-	-	5	-	120	29	16
Hills (MN)	-	4	-	-	-	-	-	-	-	-	-
Kapp, M L (IA)	96,659	-	593	-	-	-	47	-	6	102	-
Lansing (IA)	87,525	83	-	-	-	-	58	-	-	528	2
Montgomery (MN)	-	128	-	-	-	-	-	-	-	-	1
New Albin (IA)	-	-1	-	-	-	-	-	-	-	-	-
Rushford (MN)	-	1	-	-	-	-	-	-	-	-	-
Iola Electric System	-	184	380	-	-	-	-	1	1	-	2
Iola (KS)	-	184	380	-	-	-	-	1	1	-	2
Iowa Electric Lt & Pwr Co	87,387	2,190	5,865	306	-2,285	2,639	54	6	62	276	17
Ames (IA)	-	-	-	-	-	-	-	-	-	-	2
Anamosa (IA)	-	-	-	-	-	-	-	-	-	-	-
Arnold, Duane (IA)	-	-	-	-	-2,285	-	-	-	-	-	-
Iowa Falls (IA)	-3	-	-	-	-	-	-	-	-	-	-
Maquoketa (IA)	-	-	-	306	-	-	-	-	-	-	-
Marshalltown (IA)	-	2,102	-	-	-	-	-	5	-	-	11
Prairie Creek (IA)	44,251	288	2,546	-	-	-	22	1	27	147	1
Sutherland (IA)	36,354	-	2,067	-	-	-	25	-	28	126	-
6Th Street (IA)	6,785	-	1,252	-	-	2,639	7	-	27	3	2
Iowa Power & Light Co	429,811	1,189	6,425	-	-	-	261	2	100	435	31
* Central Storage	-	-	-	-	-	-	-	-	-	-	-
Council Bluffs (IA)	429,811	998	395	-	-	-	281	2	4	435	11
Pleasant Hill (IA)	-	191	-	-	-	-	-	1	-	-	9
River Hills (IA)	-	-	2,196	-	-	-	-	-	38	-	4
Sycamore (IA)	-	-	3,834	-	-	-	-	-	58	-	8
Iowa Public Service Co	794,721	700	6,251	-	-	-	479	1	76	927	36
Electriform (IA)	-	-	4,549	-	-	-	-	-	57	-	16
Neal, George (IA)	794,721	700	1,549	-	-	-	479	1	16	927	13
Parr (IA)	-	-	153	-	-	-	-	-	3	-	7
Iowa Southern Utilities Co	415,771	417	-	-	-	-	252	1	-	687	22
Burlington (IA)	71,768	390	-	-	-	-	37	1	-	215	1
Centerville (IA)	-	-7	-	-	-	-	-	-	-	-	-
Grinnell (IA)	-	-	-	-	-	-	-	-	-	-	-
Ottumwa (IA)	344,003	34	-	-	-	-	214	-	-	472	21
Iowa-Illinois Gas & Electric Co	350,053	4	3,720	1,902	-	-	221	-	46	527	15
Coralville (IA)	-	-	-45	-	-	-	-	-	-	-	-
Louisa (IA)	301,560	4	750	-	-	-	193	-	8	415	11
Manson (IA)	-	-	-	-	-	-	-	-	-	-	-
Moline (IL)	-	-	-72	1,902	-	-	-	-	-	-	4
Riverside (IA)	48,493	-	3,087	-	-	-	28	-	38	112	-
Ipswich Mun Lt Dept	-	292	479	-	-	-	-	1	6	-	3
Ipswich (MA)	-	292	479	-	-	-	-	1	6	-	3
Jackson Power & Light Dept	-	112	372	-	-	-	-	-	5	-	1
Jackson (MO)	-	112	372	-	-	-	-	-	5	-	1
Jacksonville Electric Authority	827,592	213,451	99,888	-	-	-	323	293	1,077	256	1,177
Kennedy, J D (FL)	-	4,823	59,869	-	-	-	-	10	629	-	204
Northside (FL)	-	201,593	-	-	-	-	-	272	-	-	800
Southside (FL)	-	1,998	40,019	-	-	-	-	4	448	-	168
St. Johns River	827,592	5,037	-	-	-	-	323	7	-	256	5

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Jamestown Board Of Pub											
Utilities	21,161	55	-	-	-	-	12	*	-	2	*
Carlson, S A (NY)	21,161	55	-	-	-	-	12	*	-	2	*
Janesville Mun Utilities	-	23	-	-	-	-	-	*	*	-	*
Janesville (MN)	-	23	-	-	-	-	-	*	*	-	*
Jasper Mun Electric Utility	746	-	-	-	-	-	1	-	-	3	-
Jasper 2 (IN)	746	-	-	-	-	-	1	-	-	3	-
Jersey Central Power & Light Co											
(GPS)	-	42,583	173,153	-13,833	-	-	-	51	2,258	-	616
Forked River (NJ)	-	229	3,110	-	-	-	-	1	40	-	18
Gardner, Glen (NJ)	-	95	8,470	-	-	-	-	*	138	-	22
Gilbert (NJ)	-	29,249	65,784	-	-	-	-	22	872	-	317
Sayreville (NJ)	-	5,844	95,789	-	-	-	-	11	1,210	-	172
Werner (NJ)	-	7,166	-	-	-	-	-	17	-	-	88
Yards Creek (NJ)	-	-	-	-13,833	-	-	-	-	-	-	-
Jetmore City Of	-	-	-	-	-	-	-	-	-	-	*
Jetmore (KS)	-	-	-	-	-	-	-	-	-	-	*
Johnson City Of	-	31	230	-	-	-	-	*	2	-	1
Johnson (KS)	-	31	230	-	-	-	-	*	2	-	1
Julesburg City Of	-	-	-	-	-	-	-	-	-	-	-
Julesburg (CO)	-	-	-	-	-	-	-	-	-	-	-
Kahoka Municipal Power Plant	-	48	326	-	-	-	-	*	4	-	*
Kahoka (MO)	-	48	326	-	-	-	-	*	4	-	*
Kansas City Bd Of Pub Util	221,893	904	8,397	-	-	-	139	3	105	298	12
Kaw (KS)	2,715	36	4,192	-	-	-	2	*	64	38	*
Nearman Creek (KS)	143,574	65	-	-	-	-	101	*	-	161	2
Quindaro (KS)	75,604	803	4,205	-	-	-	36	3	41	99	9
Kansas City Power & Light Co	1,273,616	2,481	2,813	-	-	-	785	6	18	1,300	131
Grand Ave (MO)	-	-	1,051	-	-	-	-	-	-	-	-
Hawthorn (MO)	189,695	-	1,762	-	-	-	117	-	18	245	5
Iatan (MO)	394,739	16	-	-	-	-	233	*	-	317	10
La Cygne (KS)	513,937	875	-	-	-	-	310	2	-	538	15
Montross (MO)	175,245	70	-	-	-	-	126	*	-	200	8
Northeast (MO)	-	1,520	-	-	-	-	-	4	-	-	92
Kansas Gas & Electric Co	-	1,777	103,130	-	-	-	-	3	1,080	-	264
Evans, Gordon (KS)	-	260	55,063	-	-	-	-	*	571	-	81
Gill, Murray (KS)	-	1,517	48,067	-	-	-	-	3	509	-	203
Neosho (KS)	-	-	-	-	-	-	-	-	-	-	-
Kansas Power & Light Co	1,254,779	988	109,039	-	-	-	811	2	1,282	2,487	179
Abilene (KS)	-	-	7,254	-	-	-	-	-	103	-	16
Hutchinson (KS)	-	518	93,383	-	-	-	-	1	1,086	-	77
Jaffrey (KS)	941,834	470	-	-	-	-	648	1	-	2,010	52
Lawrence (KS)	217,982	-	5,317	-	-	-	114	-	58	348	15
Tecumseh (KS)	94,963	-	3,085	-	-	-	49	-	34	129	19
Kauai Electric Company	-	24,382	-	-	-	-	-	50	-	-	-
Port Allen (HI)	-	24,382	-	-	-	-	-	50	-	-	-
Kaukauna City Of	-	-	4	12,088	-	-	-	*	*	-	1
Combined Locks (WI)	-	-	-	3,536	-	-	-	-	-	-	-
Kaukauna (WI)	-	-	4	-	-	-	-	*	*	-	1
Kaukauna Hydro (WI)	-	-	-	2,932	-	-	-	-	-	-	-
Little Chute (WI)	-	-	-	1,534	-	-	-	-	-	-	-
New Badger (WI)	-	-	-	2,596	-	-	-	-	-	-	-
Old Badger (WI)	-	-	-	231	-	-	-	-	-	-	-
Rapide Croche (WI)	-	-	-	1,259	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Kennett Board Of Public Works ..	-	58	330	-	-	-	-	*	9	-	8
Kennett (MO)	-	58	330	-	-	-	-	*	9	-	8
Kentucky Power Co (AEP)	603,667	1,931	-	-	-	-	246	3	-	830	8
Big Sandy (KY)	603,667	1,931	-	-	-	-	246	3	-	830	8
Kentucky Utilities Company	1,225,338	1,013	-	814	-	-	531	5	-	1,590	33
Brown, E W (KY)	290,116	33	-	-	-	-	128	1	-	330	6
Dix Dam (KY)	-	-	-	149	-	-	-	-	-	-	-
Ghent (KY)	868,729	582	-	-	-	-	368	2	-	1,130	13
Green River (KY)	61,841	37	-	-	-	-	33	*	-	109	2
Haeffling (KY)	-	332	-	-	-	-	-	1	-	-	7
Lock 7 (KY)	-	-	-	685	-	-	-	-	-	-	-
Pineville (KY)	1,472	1	-	-	-	-	1	*	-	4	*
Tyrone (KY)	3,180	28	-	-	-	-	2	1	-	17	4
Kenyon Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Kenyon (MN)	-	-	-	-	-	-	-	-	-	-	-
Ketchikan Public Utilities	-	-121	-	9,720	-	-	-	*	-	-	5
Beaver Falls (AK)	-	-	-	2,596	-	-	-	-	-	-	-
Ketchikan (AK)	-	-	-	1,176	-	-	-	-	-	-	-
Ketchikan (AK)	-	-106	-	-	-	-	-	*	-	-	5
Sillis (AK)	-	-	-	823	-	-	-	-	-	-	-
Swan Lake (AK)	-	-	-	5,325	-	-	-	-	-	-	-
Toten Blight (AK)	-	-15	-	-	-	-	-	-	-	-	*
Key West, City Of	-	7,157	-	-	-	-	-	17	-	-	68
Big Pine (FL)	-	-	-	-	-	-	-	-	-	-	1
Cudjoe (FL)	-	288	-	-	-	-	-	1	-	-	1
Key West (FL)	-	6,874	-	-	-	-	-	16	-	-	32
Stock Island (FL)	-	-5	-	-	-	-	-	1	-	-	33
Kimball City Of	-	-	3	-	-	-	-	*	*	-	*
Kimball (NE)	-	-	3	-	-	-	-	*	*	-	*
Kimballton Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Kimballton (IA)	-	-	-	-	-	-	-	-	-	-	-
Kingfisher City Of	-	113	18	-	-	-	-	*	*	-	*
Kingfisher (OK)	-	113	18	-	-	-	-	*	*	-	*
Kingman City Of	-	373	3,976	-	-	-	-	1	48	-	1
Kingman (KS)	-	373	3,976	-	-	-	-	1	48	-	1
Kings River Construction Dist	-	-	-	-	-	-	-	-	-	-	-
Pine Flax (CA)	-	-	-	-	-	-	-	-	-	-	-
Kissimmee City Of	-	7	16,640	-	-	-	-	*	205	-	23
Kissimmee (FL)	-	7	16,640	-	-	-	-	*	205	-	23
Kodiak Electric Assn, Inc	-	246	-	10,006	-	-	-	1	-	-	1
Kodiak A (AK)	-	251	-	-	-	-	-	1	-	-	1
Port Lions (AK)	-	-5	-	-	-	-	-	-	-	-	*
Terror Lake AK)	-	-	-	10,006	-	-	-	-	-	-	-
Kotzebue Electric Assn, Inc	-	1,145	-	-	-	-	-	2	-	-	35
Kotzebue (AK)	-	1,145	-	-	-	-	-	2	-	-	35
La Crosse City Of	-	-	-	-	-	-	-	-	-	-	-
Larned (KS)	-	-	-	-	-	-	-	-	-	-	-
La Junta Municipal Utilities	-	-167	-	-	-	-	-	*	*	-	4
La Junta (CO)	-	-167	-	-	-	-	-	*	*	-	4
La Plata Electric Assn, The	-	6	-	-	-	-	-	*	-	-	*
La Plata (MO)	-	6	-	-	-	-	-	*	-	-	*

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
La Porte City Municipal Utilities ..	-	14	-	-	-	-	-	*	-	-	*
La Porte (IA)	-	14	-	-	-	-	-	*	-	-	*
Lafayette Utility System	-	-	56,831	-	-	-	-	-	607	-	120
Doc Bonin (LA)	-	-	56,890	-	-	-	-	-	607	-	120
Rodemacher (LA)	-	-	-59	-	-	-	-	-	*	-	-
Lake Crystal Mun Utilities Co	-	14	3	-	-	-	-	*	*	-	*
Lake Crystal (MN)	-	14	3	-	-	-	-	*	*	-	*
Lake Lure Elec Pwr Facility	-	-	-	674	-	-	-	-	-	-	-
Lake Lure (NC)	-	-	-	674	-	-	-	-	-	-	-
Lake Mills Mun Light Plant	-	43	15	-	-	-	-	*	*	-	*
Lake Mills (IA)	-	43	15	-	-	-	-	*	*	-	*
Lake Park Mun Utilities	-	-	-	-	-	-	-	-	-	-	-
Lake Park (IA)	-	-	-	-	-	-	-	-	-	-	-
Lake Worth Utilities Authority	-	1,665	21,787	-	-	-	-	3	253	-	21
Smith, Tom G (FL)	-	1,665	21,787	-	-	-	-	3	253	-	21
Lakeland, Cty Of Dpt Of Elec & Wtr	218,173	9,219	45,560	-	-	-	93	17	534	95	254
Larsen Memorial (FL)	-	-	-	-	-	-	-	-	-	-	57
Mcintosh, C D (FL)	218,173	9,219	45,560	-	-	-	93	17	534	95	197
Lamar Utilities Brd Of	-	-	8,397	-	-	-	-	-	119	-	6
Lamar (CO)	-	-	8,397	-	-	-	-	-	119	-	6
Lamoni Municipal Utilities	-	50	16	-	-	-	-	*	*	-	*
Lamoni (IA)	-	50	16	-	-	-	-	*	*	-	*
Lanesboro Public Utilities	-	-	-	-	-	-	-	-	-	-	-
Lanesboro (MN)	-	-	-	-	-	-	-	-	-	-	-
Lansing Board Of Wtr & Lt	222,825	393	-	25	-	-	95	1	-	255	1
Eckert Station (MI)	119,006	350	-	-	-	-	55	1	-	29	1
Erickson (MI)	103,672	22	-	-	-	-	39	*	-	215	*
Moores Park (MI)	-	-	-	28	-	-	-	-	-	-	-
North Lansing (MI)	-	-	-	-3	-	-	-	-	-	-	-
Ottawa Street (MI)	147	21	-	-	-	-	*	*	-	11	*
Larned Mun Power Plant	-	5	415	-	-	-	-	*	6	-	4
Larned (KS)	-	-	-	-	-	-	-	-	-	-	-
Larned (KS)	-	5	415	-	-	-	-	*	6	-	4
Larsen Bay City Of	-	38	-	-	-	-	-	3	-	-	-
Larsen (AK)	-	38	-	-	-	-	-	3	-	-	-
Las Animas Mun Lt & Pwr	-	-	-	-	-	-	-	*	-	-	*
Las Animas (CO)	-	-	-	-	-	-	-	*	-	-	*
Laurel Mun Power Plant	-	-	-	-	-	-	-	-	-	-	*
Laurel (NE)	-	-	-	-	-	-	-	-	-	-	*
Laurens Mun Lt & Pwr Plant	-	-	-	-	-	-	-	-	-	-	-
Laurens (IA)	-	-	-	-	-	-	-	-	-	-	-
Le Sueur Municipal Utilities	-	3	-	-	-	-	-	*	-	-	1
Le Sueur (MN)	-	3	-	-	-	-	-	*	-	-	1
Lea County Elec Coop, Inc	-	-	-	-	-	-	-	-	-	-	-
North Lovington (NM)	-	-	-	-	-	-	-	-	-	-	-
Lebanon City Of	-	-	-	-	-	-	-	-	-	-	1
Lebanon (OH)	-	-	-	-	-	-	-	-	-	-	1

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Lenox Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Lenox (IA)	-	-	-	-	-	-	-	-	-	-	-
Lewes Board Of Public Works	-	-	-	-	-	-	-	-	-	-	-
Lewes (DE)	-	-	-	-	-	-	-	-	-	-	-
Lincoln City Of	-	3	27	-	-	-	-	*	1	-	*
Lincoln (KS)	-	3	27	-	-	-	-	*	1	-	*
Lincoln Electric Sys	-	311	169	-	-	-	-	1	3	-	17
Lincoln J Street (NE)	-	24	169	-	-	-	-	*	3	-	3
Rokeby (NE)	-	287	-	-	-	-	-	1	-	-	14
Lindsay Public Works Authority ..	-	-	-	-	-	-	-	-	-	-	*
Lindsay (OK)	-	-	-	-	-	-	-	-	-	-	*
Litchfield City Of	-	1	8	-	-	-	-	*	*	-	*
Litchfield (MN)	-	1	8	-	-	-	-	*	*	-	*
Livingston City Of	-	-	-	-	-	-	-	-	-	-	-
Livingston (MT)	-	-	-	-	-	-	-	-	-	-	-
Lockhart Power Company	-	-	-	4,150	-	-	-	-	-	-	-
Lockhart (SC)	-	-	-	4,150	-	-	-	-	-	-	-
Lodgepole City Of	-	-	-	-	-	-	-	-	-	-	-
Lodgepole (NE)	-	-	-	-	-	-	-	-	-	-	-
Logan City Municipal Elect Lght	-	-	-	-	-	-	-	-	-	-	-
Pit	-	-14	-	1,078	-	-	-	*	-	-	2
Logan (UT)	-	-	-	229	-	-	-	-	-	-	-
Logan 2 (UT)	-	-	-	849	-	-	-	-	-	-	-
Logon Diesel (UT)	-	-14	-	-	-	-	-	*	-	-	2
Logansport Municipal Utilities	11,360	-	-	-	-	-	7	-	-	5	3
Logansport (IN)	11,360	-	-	-	-	-	7	-	-	5	3
Long Island Lighting Company	-	961,008	444,105	-	-	-	-	1,598	4,803	-	2,063
Barrett, E F (NY)	-	53	269,537	-	-	-	-	*	2,880	-	282
Brookhaven (NY)	-	14,913	-	-	-	-	-	31	-	-	38
East Hampton (NY)	-	3,291	-	-	-	-	-	7	-	-	3
Far Rockway (NY)	-	-	59,779	-	-	-	-	-	633	-	30
Glenwood (NY)	-	916	114,789	-	-	-	-	2	1,289	-	130
Holbrook (NY)	-	12,011	-	-	-	-	-	29	-	-	72
Montauk (NY)	-	515	-	-	-	-	-	1	-	-	*
Northport (NY)	-	754,613	-	-	-	-	-	1,226	-	-	1,085
Port Jefferson (NY)	-	172,630	-	-	-	-	-	295	-	-	385
Shoreham (NY)	-	596	-	-	-	-	-	1	-	-	21
Southampton (NY)	-	752	-	-	-	-	-	2	-	-	3
Southold (NY)	-	58	-	-	-	-	-	*	-	-	3
West Babylon (NY)	-	660	-	-	-	-	-	2	-	-	11
Longmont City Of	-	-	-	7	-	-	-	-	-	-	-
Longmont (CO)	-	-	-	7	-	-	-	-	-	-	-
Los Angeles Dept Of Water And Power	1,089,393	1,744	576,997	83,103	-	93	438	3	6,010	1,188	1,930
Big Pine Creek (CA)	-	-	-	1,007	-	-	-	-	-	-	-
Castaic (CA)	-	-	-	59,767	-	-	-	-	-	-	-
Control Gorge (CA)	-	-	-	5,315	-	-	-	-	-	-	-
Cottonwood (CA)	-	-	-	130	-	-	-	-	-	-	-
Division Creek (CA)	-	-	-	247	-	-	-	-	-	-	-
Foothill (CA)	-	-	-	343	-	-	-	-	-	-	-
Franklin Canyon (CA)	-	-	-	1,177	-	-	-	-	-	-	-
Haiwee (CA)	-	-	-	202	-	-	-	-	-	-	-
Harbor (CA)	-	-31	2,520	-	-	-	-	*	45	-	17
Haynes (CA)	-	-	408,918	-	-	-	-	-	4,124	-	1,106
Intermountain (UT)	1,089,393	1,775	-	-	-	-	438	3	-	1,188	8

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Los Angeles Dept Of Water And Power											
Middle Gorge (CA)	-	-	-	5,412	-	-	-	-	-	-	-
Pleasant Valley (CA)	-	-	-	232	-	-	-	-	-	-	-
San Fernando (CA)	-	-	-	537	-	-	-	-	-	-	-
San Francisquito 1 (CA)	-	-	-	2,945	-	-	-	-	-	-	-
San Francisquito 2 (CA)	-	-	-	878	-	-	-	-	-	-	-
Sawtelle (CA)	-	-	-	180	-	-	-	-	-	-	-
Scattergood (CA)	-	-	151,867	-	-	93	-	-	1,639	-	381
Upper Gorge (CA)	-	-	-	4,731	-	-	-	-	-	-	-
Valley (CA)	-	-	13,692	-	-	-	-	-	202	-	418
Louisiana Power & Light Co (MSU)											
Buras (LA)	-	28,815	1,212,639	-	737,404	-	-	47	12,603	-	599
Little Gypsy (LA)	-	6,346	331,242	-	-	-	-	10	3,477	-	103
Monroe (LA)	-	-	-	-	-	-	-	-	-	-	-
Nine Mile Point (LA)	-	11,636	622,216	-	-	-	-	18	6,321	-	217
Sterlington (LA)	-	1,191	20,784	-	-	-	-	2	204	-	19
Thibodaux (LA)	-	-	-	-	-	-	-	-	-	-	-
Waterford (LA)	-	-	-	-	737,404	-	-	-	-	-	-
Waterford (LA)	-	9,642	238,397	-	-	-	-	17	2,601	-	258
Louisville Gas & Electric Co											
Cane Run (KY)	1,008,970	1,398	1,447	-	-	-	457	2	17	649	27
Mill Creek (KY)	265,377	-	560	-	-	-	123	-	5	99	2
Ohio Falls (KY)	743,593	1,398	424	-	-	-	334	2	4	472	25
Paddys Run (KY)	-	-	-	-	-	-	-	-	-	-	-
Trimble County (KY)	-	-	270	-	-	-	-	-	5	-	-
Waterside (KY)	-	-	-	-	-	-	-	-	-	78	-
Zorn (KY)	-	-	135	-	-	-	-	-	2	-	-
	-	-	58	-	-	-	-	-	1	-	-
Lowell Light & Power											
Lowell (MI)	-	7	28	-	-	-	-	*	*	-	*
	-	7	28	-	-	-	-	*	*	-	*
Lower Colorado River Authority											
Austin (TX)	941,634	2,023	203,475	36,622	-	-	401	3	2,158	2,827	188
Buchanan (TX)	-	-	-	4,949	-	-	-	-	-	-	-
Granite Shoals (TX)	-	-	-	5,460	-	-	-	-	-	-	-
Inks (TX)	-	-	-	4,389	-	-	-	-	-	-	-
Mansfield (TX)	-	-	-	2,139	-	-	-	-	-	-	-
Marble Falls (TX)	-	-	-	16,995	-	-	-	-	-	-	-
Sam K Seymour, Jr (TX)	-	-	-	2,690	-	-	-	-	-	-	-
Sim Gideon (TX)	941,634	2,023	-	-	-	-	401	3	-	2,827	8
T. C. Ferguson (TX)	-	-	161,113	-	-	-	-	-	1,708	-	95
	-	-	42,362	-	-	-	-	-	450	-	85
Lower Valley Power & Light, Inc.											
Strawberry Creek (WY)	-	-	-	959	-	-	-	-	-	-	-
	-	-	-	959	-	-	-	-	-	-	-
Lubbock City Of (Power & Light Dept)											
Holly Ave (TX)	-	-	51,168	-	-	-	-	-	595	-	10
LP&L Co GEN	-	-	51,301	-	-	-	-	-	595	-	10
Plant 2 (TX)	-	-	-135	-	-	-	-	-	-	-	-
Luverne City Of											
Luverne (MN)	-	-	-	-	-	-	-	-	-	-	1
	-	-	-	-	-	-	-	-	-	-	1
Lyndonville Electric Department											
Great Falls (VT)	-	-	-	860	-	-	-	-	-	-	-
Vail (VT)	-	-	-	651	-	-	-	-	-	-	-
	-	-	-	209	-	-	-	-	-	-	-
M & A Electric Power Cooperative											
Green Forest (MO)	-	-32	-	-	-	-	-	-	-	-	1
	-	-32	-	-	-	-	-	-	-	-	1
Macon Municipal Utilities											
Macon (MO)	-	47	22	-	-	-	-	*	*	-	1
	-	47	22	-	-	-	-	*	*	-	1

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Madelia Mun Lt & Pwr Plant	-	-	-	-	-	-	-	-	-	-	*
Madelia (MN)	-	-	-	-	-	-	-	-	-	-	*
Madison City Of	-	-	-	9	-	-	-	-	-	-	-
Norridgewick (ME)	-	-	-	9	-	-	-	-	-	-	-
Madison Gas & Electric Co	15,913	-	3,506	-	-	655	9	-	61	25	14
Blount Street (WI)	15,913	-	2,416	-	-	655	9	-	43	25	3
Fitchburg (WI)	-	-	538	-	-	-	-	-	8	-	5
Nine Springs (WI)	-	-	-9	-	-	-	-	-	-	-	1
Sycamore (WI)	-	-	561	-	-	-	-	-	10	-	5
Madison Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Madison (MN)	-	-	-	-	-	-	-	-	-	-	-
Maine Public Service Co	-	124	-	504	-	-	-	1	-	-	19
Caribou (ME)	-	149	-	473	-	-	-	1	-	-	19
Flos Inn (ME)	-	-22	-	-	-	-	-	-	-	-	*
Houlton (ME)	-	-3	-	-	-	-	-	-	-	-	*
Squa Pan (ME)	-	-	-	31	-	-	-	-	-	-	-
Maine Yankee Atomic Power Company	-	-	-	-	457,145	-	-	-	-	-	-
Maine Yankee (ME)	-	-	-	-	457,145	-	-	-	-	-	-
Malden City Of	-	2	15	-	-	-	-	*	1	-	1
Malden (MO)	-	2	15	-	-	-	-	*	1	-	1
Mangum City Of	-	2	16	-	-	-	-	*	*	-	*
Mangum (OK)	-	2	16	-	-	-	-	*	*	-	*
Manilla Mun Service Dept	-	-	-	-	-	-	-	-	-	-	-
Manilla (IA)	-	-	-	-	-	-	-	-	-	-	-
Manitowoc Public Utilities	19,373	17	90	-	-	-	9	*	1	33	1
Manitowoc (WI)	19,373	17	90	-	-	-	9	*	1	33	1
Manley Utility Company Inc	-	14	-	-	-	-	-	*	-	-	*
Manley (AK)	-	14	-	-	-	-	-	*	-	-	*
Manning Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Manning (IA)	-	-	-	-	-	-	-	-	-	-	-
Manti City Corp Light & Power Dept	-	-	-	582	-	-	-	-	-	-	-
Lower (UT)	-	-	-	63	-	-	-	-	-	-	-
Manti (UT)	-	-	-	519	-	-	-	-	-	-	-
Maquoketa Mun Lt & Pwr	-	1	407	-	-	-	-	*	5	-	1
Maquoketa (IA)	-	1	407	-	-	-	-	*	5	-	1
Marblehead Municipal Light Dept	-	138	-	-	-	-	-	*	-	-	*
Commerce St 2 (MA)	-	22	-	-	-	-	-	*	-	-	*
Wilkins Station (MA)	-	116	-	-	-	-	-	*	-	-	*
Marquette Bd Of Lt & Pwr	19,471	45	-	289	-	-	14	*	-	62	6
Plant Four (MI)	-	-	-	-	-	-	-	-	-	-	5
Plant Two (MI)	-	-	-	223	-	-	-	-	-	-	-
Russell, Frank J (MI)	-	-	-	66	-	-	-	-	-	-	-
Shiras (MI)	19,471	45	-	-	-	-	14	*	-	62	2
Marshall City Wtr & Elec Works ..	-	15	62	95	-	-	-	*	1	-	*
Marshall (MI)	-	15	62	95	-	-	-	*	1	-	*
Marshall Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Marshall (MN)	-	-	-	-	-	-	-	-	-	-	-
Marshall Municipal Utilities	8,846	-	37	-	-	-	6	*	*	1	5
Marshall (MO)	8,846	-	37	-	-	-	6	*	*	1	5

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Marshfield Electric & Water Dept	-	-	-	-	-	-	-	-	-	7	*
Wildwood (WI)	-	-	-	-	-	-	-	-	-	7	*
Martinsville Electric Department ..	-	-	-	394	-	-	-	-	-	-	-
Martinsville (VA)	-	-	-	394	-	-	-	-	-	-	-
Mascoutah City Of (Pwr & Lt	-	-	-	-	-	-	-	-	-	-	-
Dept)	-	18	11	-	-	-	-	*	*	-	1
Mascoutah (IL)	-	18	11	-	-	-	-	*	*	-	1
Mass Mun Wholesale Electric	-	-	-	-	-	-	-	-	-	-	-
Company	-	28,576	53,907	-	-	-	-	13	644	-	358
Stonybrook (MA)	-	28,576	53,907	-	-	-	-	13	644	-	358
Maul Electric Co, Ltd	-	66,524	-	-	-	-	-	124	-	-	115
Cook (HI)	-	2,739	-	-	-	-	-	5	-	-	*
Kahului (HI)	-	23,371	-	-	-	-	-	51	-	-	64
Maalaea (HI)	-	40,414	-	-	-	-	-	68	-	-	50
Mcgrath Light & Power Co	-	230	-	-	-	-	-	*	-	-	4
Mcgrath (AK)	-	230	-	-	-	-	-	*	-	-	4
Mcgregor Municipal Utilities	-	-	-	-	-	-	-	-	-	-	1
Mc Gregor (IA)	-	-	-	-	-	-	-	-	-	-	1
Mcleansboro City Of	-	-	-	-	-	-	-	*	-	-	*
Mc Leansboro (IL)	-	-	-	-	-	-	-	*	-	-	*
Mcpherson Board Of Public Util ..	-	132	4,326	-	-	-	-	*	60	-	29
Plant No. 1 (KS)	-	-	-	-	-	-	-	-	-	-	*
Plant No. 2 (KS)	-	132	4,326	-	-	-	-	*	60	-	29
Meade City Of	-	135	1,177	-	-	-	-	*	12	-	*
Meade (KS)	-	135	1,177	-	-	-	-	*	12	-	*
Medina Electric Coop, Inc	-	-	68	-	-	-	-	-	1	-	21
Pearsall (TX)	-	-	68	-	-	-	-	-	1	-	21
Melrose Water, Lt & Pwr & Bldg	-	-	-	-	-	-	-	-	-	-	-
Comm	-	-	-	-	-	-	-	-	-	-	-
Melrose (MN)	-	-	-	-	-	-	-	-	-	-	-
Memphis Lt Gas & Wtr Division ...	-	73	3	-	-	-	-	*	*	-	*
Memphis (MO)	-	73	3	-	-	-	-	*	*	-	*
Menasha Electric & Water	-	-	-	-	-	-	-	-	-	-	-
Utilities	5,713	-	-	-	-	-	3	-	-	1	-
Menasha (WI)	5,713	-	-	-	-	-	3	-	-	1	-
Merced Irrigation District	-	-	-	15,060	-	-	-	-	-	-	-
Canal Creek (CA)	-	-	-	-	-	-	-	-	-	-	-
Exchequer (CA)	-	-	-	11,602	-	-	-	-	-	-	-
Fairfield (CA)	-	-	-	324	-	-	-	-	-	-	-
Mcswain (CA)	-	-	-	2,577	-	-	-	-	-	-	-
Parker (CA)	-	-	-	557	-	-	-	-	-	-	-
Merrilan Light & Water Dept	-	6	-	-	-	-	-	*	-	-	*
Merrilan (WI)	-	6	-	-	-	-	-	*	-	-	*
Metlakatla Power & Light	-	673	-	927	-	-	-	1	-	-	5
Centennial (AK)	-	680	-	-	-	-	-	1	-	-	5
Chester Lake (AK)	-	-	-	63	-	-	-	-	-	-	-
Fairbanks Morse (AK)	-	-7	-	-	-	-	-	-	-	-	*
Leffel Turbine (AK)	-	-	-	864	-	-	-	-	-	-	-
Metropolitan Edison Co (GPS)	305,565	3,217	5,484	14,443	-	-	120	6	103	219	45
Hamilton (PA)	-	286	-	-	-	-	-	1	-	-	3
Hunterstown (PA)	-	2	3,354	-	-	-	-	*	62	-	9

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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 Edison Co (GPS)											
Mountain (PA)	-	5	1,364	-	-	-	-	*	27	-	7
Orrtanna (PA)	-	225	-	-	-	-	-	1	-	-	4
Portland (PA)	192,465	1,069	760	-	-	-	73	1	14	118	12
Shawnee (PA)	-	250	-	-	-	-	-	1	-	-	4
Titus (PA)	113,100	773	6	-	-	-	47	2	*	101	1
Tolna (PA)	-	607	-	-	-	-	-	1	-	-	6
Yorkhaven (PA)	-	-	-	14,443	-	-	-	-	-	-	-
Metropolitan Wtr Dist Of So Calif	-	-	-	36,861	-	-	-	-	-	-	-
Corona (CA)	-	-	-	1,911	-	-	-	-	-	-	-
Coyote Creek (CA)	-	-	-	1,482	-	-	-	-	-	-	-
Foothill Feeder (CA)	-	-	-	4,380	-	-	-	-	-	-	-
Greg Avenue (CA)	-	-	-	667	-	-	-	-	-	-	-
Lake Mathews (CA)	-	-	-	3,408	-	-	-	-	-	-	-
Perris (CA)	-	-	-	2,997	-	-	-	-	-	-	-
Red Mountain (CA)	-	-	-	2,580	-	-	-	-	-	-	-
Rio Hondo (CA)	-	-	-	874	-	-	-	-	-	-	-
San Dimas (CA)	-	-	-	7,020	-	-	-	-	-	-	-
Sepulv Cyn (CA)	-	-	-	4,556	-	-	-	-	-	-	-
Temescal (CA)	-	-	-	1,962	-	-	-	-	-	-	-
Valley View (CA)	-	-	-	-	-	-	-	-	-	-	-
Venice (CA)	-	-	-	3,096	-	-	-	-	-	-	-
Yorba Linda (CA)	-	-	-	1,728	-	-	-	-	-	-	-
Mich So Central Pwr Agency	23,641	38	-	-	-	-	14	*	-	85	7
Project I (MI)	23,641	38	-	-	-	-	14	*	-	85	7
Michigan Power Company (AEP)	-	-	-	825	-	-	-	-	-	-	-
Constantine (MI)	-	-	-	355	-	-	-	-	-	-	-
Mottville (MI)	-	-	-	470	-	-	-	-	-	-	-
Mid-State Service Company	-	-	-	140	-	-	-	-	-	-	-
Irving (MI)	-	-	-	140	-	-	-	-	-	-	-
Middleville (MI)	-	-	-	-	-	-	-	-	-	-	-
Midwest Energy Inc	-	-66	140	-	-	-	-	1	3	-	23
Atwood (KS)	-	-1	-	-	-	-	-	-	-	-	*
Bird City (KS)	-	-5	-	-	-	-	-	*	-	-	*
Colby (KS)	-	22	134	-	-	-	-	1	3	-	6
Ellis (KS)	-	-	-	-	-	-	-	*	*	-	1
Great Bend (KS)	-	3	6	-	-	-	-	*	*	-	*
Hays (KS)	-	-38	-	-	-	-	-	-	-	-	5
Hoxie (KS)	-	-1	-	-	-	-	-	-	-	-	*
Ross Beach (KS)	-	-45	-	-	-	-	-	-	-	-	11
Wakeeney (KS)	-	-1	-	-	-	-	-	-	-	-	*
Millford Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Millford (IA)	-	-	-	-	-	-	-	-	-	-	-
Minden City Of	-	2	1	-	-	-	-	*	*	-	2
Minden (LA)	-	2	1	-	-	-	-	*	*	-	2
Minneapolis City Of	-	8	145	-	-	-	-	*	2	-	1
Minneapolis (KS)	-	8	145	-	-	-	-	*	2	-	1
Minnesota Power & Light Co	577,094	274	-	14,681	-	-	363	1	-	451	9
Aurora (MN)	10,016	33	-	-	-	-	17	*	-	71	*
Blanchard (MN)	-	-	-	2,960	-	-	-	-	-	-	-
Boswell, Clay (MN)	567,078	241	-	-	-	-	347	*	-	380	9
Fond Du Lac (MN)	-	-	-	1,273	-	-	-	-	-	-	-
Hibbard, M L (MN)	-	-	-	-	-	-	-	-	-	-	-
Knife Falls (MN)	-	-	-	152	-	-	-	-	-	-	-
Little Falls (MN)	-	-	-	1,155	-	-	-	-	-	-	-
Pillager (MN)	-	-	-	226	-	-	-	-	-	-	-
Prairie River (MN)	-	-	-	51	-	-	-	-	-	-	-
Scanlon (MN)	-	-	-	213	-	-	-	-	-	-	-
Sylvan (MN)	-	-	-	266	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Minnesota Power & Light Co											
Thompson (MN)	-	-	-	6,937	-	-	-	-	-	-	-
Winton (MN)	-	-	-	1,448	-	-	-	-	-	-	-
Minnkota Power Coop, Inc	434,889	15	-	-	-	-	369	*	-	648	11
Grand Forks (ND)	-	-	-	-	-	-	-	-	-	-	-
Harwood (ND)	-	-	-	-	-	-	-	-	-	-	-
Hawley (MN)	-	-	-	-	-	-	-	-	-	-	-
Lerfald (ND)	-	-	-	-	-	-	-	-	-	-	*
Young, Milton R (ND)	434,889	15	-	-	-	-	369	*	-	648	11
Mississippi Power & Light Co											
(MSU)	-	147,825	621,482	-	-	-	-	226	6,199	-	685
Andrus (MS)	-	6,200	284,200	-	-	-	-	10	2,909	-	368
Brown, Rex (MS)	-	1,564	73,070	-	-	-	-	3	828	-	37
Delta (MS)	-	422	7,866	-	-	-	-	2	106	-	61
Natchez (MS)	-	-102	-	-	-	-	-	-	-	-	19
Wilson, B (MS)	-	139,741	256,346	-	-	-	-	211	2,356	-	200
Mississippi Power Co (SC)	989,584	289	226,159	-	-	-	407	*	3,202	482	82
Daniel, Victor J Jr. (MS)	544,452	289	-	-	-	-	227	*	-	238	4
Eaton (MS)	-	-	23,065	-	-	-	-	-	323	-	9
Standard Oil (MS)	-	-	43,691	-	-	-	-	-	1,092	-	-
Sweatt (MS)	-	-	21,560	-	-	-	-	-	290	-	36
Watson (MS)	445,112	-	137,843	-	-	-	180	-	1,497	244	32
Missouri Basin Mun Power											
Agency	-	-	-	-	-	-	-	-	-	-	-
Watertown (SD)	-	-	-	-	-	-	-	-	-	-	-
Missouri Public Service Co	107,817	2,715	4,057	-	-	-	95	7	52	199	70
Green, Ralph (MO)	-	-	3,999	-	-	-	-	-	52	-	-
Greenwood (MO)	-	2,505	-	-	-	-	-	6	-	-	64
Kci (MO)	-	-	58	-	-	-	-	-	-	-	-
Nevada (MO)	-	21	-	-	-	-	-	*	-	-	5
Sibley (MO)	107,817	189	-	-	-	-	95	1	-	199	1
Modesto Irrigation Dist	-	366	2,253	162	-	-	-	1	33	-	13
McClure (CA)	-	366	2,253	-	-	-	-	1	33	-	13
New Hogan (CA)	-	-	-	-	-	-	-	-	-	-	-
Stone Drop (CA)	-	-	-	162	-	-	-	-	-	-	-
Monongahela Power Co (APS)	2,525,590	5,089	531	-	-	-	983	7	4	1,975	20
Albright (WV)	71,693	683	-	-	-	-	35	1	-	167	2
Fort Martin (WV)	529,207	1,422	-	-	-	-	198	2	-	397	4
Harrison (WV)	1,216,724	-	531	-	-	-	450	-	4	718	2
Pleasants (WV)	646,605	2,711	-	-	-	-	271	4	-	610	11
Rivesville (WV)	8,571	176	-	-	-	-	5	*	-	49	1
Willow Island (WV)	52,790	97	-	-	-	-	23	*	-	34	*
Monroe City Of	-	277	99	-	-	-	-	*	1	-	1
Monroe (MO)	-	277	99	-	-	-	-	*	1	-	1
Monroe Power And Light Dept	-	-	-	137	-	-	-	-	-	-	-
Lower (UT)	-	-	-	55	-	-	-	-	-	-	-
Mon Pump St (UT)	-	-	-	-	-	-	-	-	-	-	-
Monroe Upr (UT)	-	-	-	82	-	-	-	-	-	-	-
Montana Light & Power											
Company	-	-	-	1,738	-	7,548	-	-	-	-	-
Lake Creek (MT)	-	-	-	1,738	-	-	-	-	-	-	-
Libby (MT)	-	-	-	-	-	7,548	-	-	-	-	-
Montana Power Company, The	903,506	2,982	2,107	232,571	-	-	566	6	28	882	9
Black Eagle (MT)	-	-	-	9,714	-	-	-	-	-	-	-
Cochrane (MT)	-	-	-	20,390	-	-	-	-	-	-	-
Colstrip (MT)	829,690	2,926	-	-	-	-	519	6	-	795	8
Corette, J E (MT)	73,816	-	2,107	-	-	-	47	-	28	87	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

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)
Montana Power Company, The											
Flint Creek (MT)	-	-	-	-	-	-	-	-	-	-	-
Frank Bird (MT)	-	-	-	-	-	-	-	-	-	-	-
Hauser Lake (MT)	-	-	-	10,277	-	-	-	-	-	-	-
Holter (MT)	-	-	-	19,078	-	-	-	-	-	-	-
Kerr (MT)	-	-	-	66,075	-	-	-	-	-	-	-
Lake Diesel (MT)	-	-	-	-	-	-	-	-	-	-	-
Madison (MT)	-	-	-	-	-	-	-	-	-	-	-
Milltown (MT)	-	-	-	1,637	-	-	-	-	-	-	-
Morony (MT)	-	-	-	22,134	-	-	-	-	-	-	-
Mystic Lake (MT)	-	-	-	-	-	-	-	-	-	-	-
Rainbow (MT)	-	-	-	21,383	-	-	-	-	-	-	-
Ryan (MT)	-	-	-	34,296	-	-	-	-	-	-	-
Thompson Falls (MT)	-	-	-	27,587	-	-	-	-	-	-	-
Yellowstone (MT)	-	56	-	-	-	-	-	*	-	-	*
Montana-Dakota Utilities Co	287,851	51	1,826	-	-	-	245	*	24	307	10
Coyote (ND)	233,808	51	-	-	-	-	193	*	-	252	7
Glendive (MT)	-	-	1,074	-	-	-	-	-	14	-	2
Heskett (ND)	36,225	-	-	-	-	-	34	-	*	41	-
Lewis & Clark (MT)	17,818	-	89	-	-	-	18	-	1	14	-
Miles City (MT)	-	-	671	-	-	-	-	-	9	-	2
Williston (ND)	-	-	-8	-	-	-	-	-	-	-	-
Montaup Electric Co (EU)	94,966	7,657	-	-	-	-	40	11	-	101	95
Somerset (MA)	94,966	7,657	-	-	-	-	40	11	-	101	95
Montezuma Mun Elec Lt & Pwr	-	-	-	-	-	-	-	-	-	-	*
Montezuma (IA)	-	-	-	-	-	-	-	-	-	-	*
Moon Lake Electric Assn, Inc	-	-	-	1,257	-	-	-	-	-	-	-
Uintah (UT)	-	-	-	760	-	-	-	-	-	-	-
Yellowstone (UT)	-	-	-	497	-	-	-	-	-	-	-
Moorhead Public Service Dept	-	1	-	-	-	-	-	*	-	2	1
Moorhead (MN)	-	1	-	-	-	-	-	*	-	2	1
Moose Lake Public Util Comm	-	-	-	-	-	-	-	-	-	-	*
Moose Lake (MN)	-	-	-	-	-	-	-	-	-	-	*
Mora Municipal Electric Utility	-	-	-	-	-	-	-	-	-	-	-
Mora (MN)	-	-	-	-	-	-	-	-	-	-	-
Morgan City City Of	-	-	8,689	-	-	-	-	-	109	-	-
Morgan City (LA)	-	-	8,689	-	-	-	-	-	109	-	-
Morrisville Water & Light Dept	-	-	-	1,191	-	-	-	-	-	-	-
Cadys Falls (VT)	-	-	-	426	-	-	-	-	-	-	-
Morrisville (VT)	-	-	-	687	-	-	-	-	-	-	-
W K Sanders (VT)	-	-	-	78	-	-	-	-	-	-	-
Mount Pleasant Mun Utils	112	1	-	-	-	-	*	*	-	-	*
Mt Pleasant (IA)	112	1	-	-	-	-	*	*	-	-	*
Mount Pleasant Municipal	-	-	-	182	-	-	-	-	-	-	-
Lower (UT)	-	-	-	74	-	-	-	-	-	-	-
Upper (UT)	-	-	-	108	-	-	-	-	-	-	-
Mountain Lake Municipal Util	-	-	-	-	-	-	-	-	-	-	*
Mountain Lake (MN)	-	-	-	-	-	-	-	-	-	-	*
Mullen, Village Of	-	5	-	-	-	-	-	*	-	-	*
Mullen (NE)	-	5	-	-	-	-	-	*	-	-	*
Mulvane City Of	-	28	35	-	-	-	-	*	*	-	*
Mulvane (KS)	-	28	35	-	-	-	-	*	*	-	*
Murray City Corporation	-	6	28	397	-	-	-	*	*	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Murray City Corporation											
Diesel (UT)	-	6	28	-	-	-	-	*	*	-	*
Little Cottonwood (UT)	-	-	-	397	-	-	-	-	-	-	-
Muscatine City Of	101,790	-	80	-	-	-	50	-	1	184	1
Muscatine (IA)	101,790	-	80	-	-	-	50	-	1	184	1
Muscoda Light & Water Comm	-	-	-	-	-	-	-	-	-	-	-
Muscoda (WI)	-	-	-	-	-	-	-	-	-	-	-
Naknek Electric Assn, Inc	-	1,607	-	-	-	-	-	3	-	-	32
Naknek (AK)	-	1,607	-	-	-	-	-	3	-	-	32
Nantahala Power & Light Co	-	-	-	48,867	-	-	-	-	-	-	-
Bear Creek (NC)	-	-	-	2,566	-	-	-	-	-	-	-
Bryson (NC)	-	-	-	240	-	-	-	-	-	-	-
Cedar Cliff (NC)	-	-	-	2,536	-	-	-	-	-	-	-
Dillsboro (NC)	-	-	-	61	-	-	-	-	-	-	-
Franklin (NC)	-	-	-	-	-	-	-	-	-	-	-
Mission (NC)	-	-	-	450	-	-	-	-	-	-	-
Nantahala (NC)	-	-	-	28,904	-	-	-	-	-	-	-
Queens Creek (NC)	-	-	-	452	-	-	-	-	-	-	-
Tennessee Creek (NC)	-	-	-	1,624	-	-	-	-	-	-	-
Thorpe (NC)	-	-	-	10,860	-	-	-	-	-	-	-
Tuckasegee (NC)	-	-	-	1,174	-	-	-	-	-	-	-
Nantucket Electric Company	-	9,246	-	-	-	-	-	16	-	-	4
Nantucket (MA)	-	9,246	-	-	-	-	-	16	-	-	4
Natchitoches City Of	-	-	-	-	-	-	-	-	-	-	-
Natchitoches (LA)	-	-	-	-	-	-	-	-	-	-	-
Nebraska City Utilities	-	125	1,965	-	-	-	-	*	21	-	3
Nebraska City (NE)	-	114	1,789	-	-	-	-	*	19	-	3
Syracuse No 2 (NE)	-	11	176	-	-	-	-	*	2	-	*
Nebraska Public Power District	670,096	677	2,972	23,226	557,467	-	406	2	33	830	20
Columbus (NE)	-	-	-	6,232	-	-	-	-	-	-	-
Cooper (NE)	-	-	-	-	557,467	-	-	-	-	-	-
David City (NE)	-	3	5	-	-	-	-	*	*	-	*
Gentleman (NE)	556,674	-	2,797	-	-	-	333	-	31	766	7
Hallam (NE)	-	57	-	-	-	-	-	*	-	-	3
Hebron (NE)	-	52	-	-	-	-	-	*	-	-	4
Kearney (NE)	-	-	-	53	-	-	-	-	-	-	-
Lyons (NE)	-	2	-	-	-	-	-	*	-	-	*
Madison (NE)	-	1	4	-	-	-	-	*	*	-	*
Mc Cook (NE)	-	542	-	-	-	-	-	1	-	-	4
Minnechaduza (NE)	-	-	-	19	-	-	-	-	-	-	-
Mobile (NE)	-	-	-	-	-	-	-	-	-	-	-
Monroe (NE)	-	-	-	1,227	-	-	-	-	-	-	-
North Platte (NE)	-	-	-	14,838	-	-	-	-	-	-	-
Ord (NE)	-	14	11	-	-	-	-	*	*	-	*
Randolph (NE)	-	-	-	-	-	-	-	-	-	-	-
Schuyler (NE)	-	-	-	-	-	-	-	-	-	-	-
Sheldon (NE)	113,422	-	150	-	-	-	73	-	2	64	-
Spencer (NE)	-	-	-	857	-	-	-	-	-	-	-
Sutherland (NE)	-	6	-	-	-	-	-	*	-	-	*
Wakefield (NE)	-	-	5	-	-	-	-	-	*	-	*
Neodesha City Of	-	6	62	-	-	-	-	*	1	-	*
Neodesha (KS)	-	6	62	-	-	-	-	*	1	-	*
Nevada Irrigation District	-	-	-	661	-	-	-	-	-	-	-
Combie No (CA)	-	-	-	63	-	-	-	-	-	-	-
Combie So (CA)	-	-	-	-	-	-	-	-	-	-	-
Scott Flat (CA)	-	-	-	598	-	-	-	-	-	-	-
Nevada Irrigation District	-	-	-	27,138	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Nevada Irrigation District											
Bowman (CA)	-	-	-	1,659	-	-	-	-	-	-	-
Chicago Park (CA)	-	-	-	10,876	-	-	-	-	-	-	-
Dutch Flat No.2 (CA)	-	-	-	8,447	-	-	-	-	-	-	-
Rollins (CA)	-	-	-	6,156	-	-	-	-	-	-	-
Nevada Power Company	335,832	3,074	63,980	-	-	-	137	6	810	448	199
Clark (NV)	-	783	38,239	-	-	-	-	1	513	-	97
Gardner, Reid (NV)	335,832	1,271	-	-	-	-	137	2	-	448	7
Sunrise (NV)	-	1,020	25,741	-	-	-	-	3	297	-	95
Westside (NV)	-	-	-	-	-	-	-	-	-	-	-
New England Power Co (NEES) ...	782,186	278,066	94,337	124,392	-	-	290	495	1,184	703	1,528
Bear Swamp (MA)	-	-	-	-15,549	-	-	-	-	-	-	-
Bellows Falls (VT)	-	-	-	23,545	-	-	-	-	-	-	-
Brayton Point (MA)	594,053	145,682	-	-	-	-	216	262	-	515	822
Cornetford (NH)	-	-	-	30,631	-	-	-	-	-	-	-
Deerfield No. 2 (MA)	-	-	-	2,153	-	-	-	-	-	-	-
Deerfield No. 3 (MA)	-	-	-	2,551	-	-	-	-	-	-	-
Deerfield No. 4 (MA)	-	-	-	1,562	-	-	-	-	-	-	-
Deerfield No. 5 (MA)	-	-	-	3,466	-	-	-	-	-	-	-
Fife Brook (MA)	-	-	-	2,842	-	-	-	-	-	-	-
Gloucester (MA)	-	813	-	-	-	-	-	1	-	-	1
Harriman (VT)	-	-	-	8,905	-	-	-	-	-	-	-
Manchester Street (RI)	-	293	49,063	-	-	-	-	1	632	28	40
McIndoes (NH)	-	-	-	5,025	-	-	-	-	-	-	-
Moore (NH)	-	-	-	26,546	-	-	-	-	-	-	-
Newburyport (MA)	-	434	-	-	-	-	-	1	-	-	1
Salem Harbor (MA)	188,133	130,412	-	-	-	-	75	229	-	161	608
Searsburg (VT)	-	-	-	1,546	-	-	-	-	-	-	-
Sherman (MA)	-	-	-	2,248	-	-	-	-	-	-	-
South Street (RI)	-	432	45,274	-	-	-	-	1	552	-	55
Vernon (NH)	-	-	-	7,481	-	-	-	-	-	-	-
Vernon (VT)	-	-	-	4,625	-	-	-	-	-	-	-
Wilder (NH)	-	-	-	10,129	-	-	-	-	-	-	-
Wilder (VT)	-	-	-	6,686	-	-	-	-	-	-	-
New Hampton Mun Light Plant ...	-	12	156	-	-	-	-	*	2	-	*
New Hampton (IA)	-	12	156	-	-	-	-	*	2	-	*
New Lisbon Mun Electric Dept ...	-	27	23	-	-	-	-	*	*	-	*
New Lisbon (WI)	-	27	23	-	-	-	-	*	*	-	*
New Orleans Public Service											
(MSU)	-	6,900	251,947	-	-	-	-	12	2,714	-	-
Market Street (LA)	-	-	-	-	-	-	-	-	-	-	-
Michoud (LA)	-	6,869	251,947	-	-	-	-	12	2,714	-	-
Paterson, A B (LA)	-	31	-	-	-	-	-	*	-	-	-
New Prague Mun Utils Comm	-	12	112	-	-	-	-	*	12	-	*
New Prague (MN)	-	12	112	-	-	-	-	*	12	-	*
New Roads Light & Water Plant ..	-	-	-	-	-	-	-	-	-	-	1
New Roads (LA)	-	-	-	-	-	-	-	-	-	-	1
New Smyrna Beach City Of	-	626	1,481	-	-	-	-	1	17	-	1
Causeway (FL)	-	-	-	-	-	-	-	-	-	-	-
Glencoe Road (FL)	-	-	-	-	-	-	-	-	-	-	-
New Smyrna (FL)	-	454	-	-	-	-	-	1	-	-	1
W E Swoope (FL)	-	172	1,481	-	-	-	-	*	17	-	1
New Ulm Pub Utils Comm	-	-	1,001	-	-	-	-	-	16	*	4
New Ulm (MN)	-	-	1,001	-	-	-	-	-	16	*	4
New York State Elec & Gas Corp ..	896,703	1,121	-	20,587	-	-	372	2	-	804	9
Cadyville (NY)	-	-	-	1,914	-	-	-	-	-	-	-
Gouday (NY)	58,872	183	-	-	-	-	25	*	-	73	1
Greenidge (NY)	73,902	771	-	-	-	-	33	2	-	135	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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 York State Elec & Gas Corp											
Harris Lake (NY)	-	4	-	-	-	-	-	-	-	-	-
Hickling (NY)	47,345	-	-	-	-	-	30	-	-	78	-
High Falls (NY)	-	-	-	6,761	-	-	-	-	-	-	-
Jennison (NY)	35,316	-	-	-	-	-	25	-	-	72	-
Kents Falls (NY)	-	-	-	3,732	-	-	-	-	-	-	-
Keuka (NY)	-	-	-	-	-	-	-	-	-	-	-
Mechanicville (NY)	-	-	-	4,788	-	-	-	-	-	-	-
Mill "C" (NY)	-	-	-	1,671	-	-	-	-	-	-	-
Milliken (NY)	209,254	32	-	-	-	-	80	-	-	184	2
Rainbow Falls (NY)	-	-	-	1,600	-	-	-	-	-	-	-
Seneca Falls (NY)	-	-	-	62	-	-	-	-	-	-	-
Somerset (NY)	472,014	131	-	-	-	-	179	-	-	261	4
Waterloo (NY)	-	-	-	59	-	-	-	-	-	-	-
Newberry Wtr & Lt Board	-	-	-	-	-	-	-	-	-	-	-
Newberry (MI)	-	-	-	-	-	-	-	-	-	-	-
Newport Electric Corporation	-	272	-	-	-	-	-	1	-	-	2
Eldred (RI)	-	186	-	-	-	-	-	-	-	-	1
Jepson (RI)	-	86	-	-	-	-	-	-	-	-	1
Niagara Mohawk Power Corp	781,834	462,579	290,135	179,614	532,113	-	320	777	3,242	401	1,900
Albany (NY)	-	-	243,432	-	-	-	-	-	2,622	-	452
Allens Falls (NY)	-	-	-	1,804	-	-	-	-	-	-	-
Bakers Falls (NY)	-	-	-	-	-	-	-	-	-	-	-
Baldwinsville (NY)	-	-	-	46	-	-	-	-	-	-	-
Beardslee (NY)	-	-	-	1,779	-	-	-	-	-	-	-
Beebee Island (NY)	-	-	-	2,201	-	-	-	-	-	-	-
Belfort (NY)	-	-	-	705	-	-	-	-	-	-	-
Bennetts Bridge (NY)	-	-	-	2,959	-	-	-	-	-	-	-
Black River (NY)	-	-	-	2,191	-	-	-	-	-	-	-
Blake (NY)	-	-	-	4,416	-	-	-	-	-	-	-
Browns Falls (NY)	-	-	-	1,015	-	-	-	-	-	-	-
Chasm (NY)	-	-	-	1,490	-	-	-	-	-	-	-
Colton (NY)	-	-	-	18,122	-	-	-	-	-	-	-
Deferiet (NY)	-	-	-	2,805	-	-	-	-	-	-	-
Dunkirk (NY)	350,040	1,147	-	-	-	-	140	2	-	252	-
Eagle (NY)	-	-	-	1,990	-	-	-	-	-	-	-
East Norfolk (NY)	-	-	-	2,258	-	-	-	-	-	-	-
Eel Weir (NY)	-	-	-	218	-	-	-	-	-	-	-
Effley (NY)	-	-	-	896	-	-	-	-	-	-	-
Elmer (NY)	-	-	-	610	-	-	-	-	-	-	-
Ephratah (NY)	-	-	-	840	-	-	-	-	-	-	-
Feeder Dam (NY)	-	-	-	2,040	-	-	-	-	-	-	-
Five Falls (NY)	-	-	-	6,934	-	-	-	-	-	-	-
Flat Rock (NY)	-	-	-	65	-	-	-	-	-	-	-
Franklin (NY)	-	-	-	615	-	-	-	-	-	-	-
Fulton (NY)	-	-	-	243	-	-	-	-	-	-	-
Glenwood (NY)	-	-	-	538	-	-	-	-	-	-	-
Granby (NY)	-	-	-	1,813	-	-	-	-	-	-	-
Green Island (NY)	-	-	-	2,333	-	-	-	-	-	-	-
Hannawa (NY)	-	-	-	4,858	-	-	-	-	-	-	-
Herrings (NY)	-	-	-	1,161	-	-	-	-	-	-	-
Heuvelton (NY)	-	-	-	182	-	-	-	-	-	-	-
High Dam (NY)	-	-	-	1,562	-	-	-	-	-	-	-
High Falls (NY)	-	-	-	1,737	-	-	-	-	-	-	-
Higley (NY)	-	-	-	2,863	-	-	-	-	-	-	-
Hogansburg (NY)	-	-	-	195	-	-	-	-	-	-	-
Huntley, C R (NY)	431,794	4	-	-	-	-	180	1	-	149	1
Hydraulic Race (NY)	-	-	-	1,692	-	-	-	-	-	-	-
Inghams (NY)	-	-	-	1,307	-	-	-	-	-	-	-
Johnsonville (NY)	-	-	-	272	-	-	-	-	-	-	-
Kamargo (NY)	-	-	-	1,112	-	-	-	-	-	-	-
Lighthouse Hill (NY)	-	-	-	709	-	-	-	-	-	-	-
Macomb (NY)	-	-	-	513	-	-	-	-	-	-	-
Mechanicville (NY)	-	-	-	-	-	-	-	-	-	-	-
Middle Falls (NY)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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											
Minetto (NY)	-	-	-	1,469	-	-	-	-	-	-	-
Moreau (NY)	-	-	-	1,722	-	-	-	-	-	-	-
Moshier (NY)	-	-	-	2,154	-	-	-	-	-	-	-
Nine Mile Point (NY)	-	6	-	-	532,113	-	-	-	-	-	2
Norfolk (NY)	-	-	-	2,515	-	-	-	-	-	-	-
Norwood (NY)	-	-	-	1,360	-	-	-	-	-	-	-
Oak Orchard (NY)	-	-	-	180	-	-	-	-	-	-	-
Oswegatchie (NY)	-	-	-	110	-	-	-	-	-	-	-
Oswego (NY)	-	461,422	41,956	-	-	-	-	775	529	-	1,445
Oswego Falls Es (NY)	-	-	-	1,683	-	-	-	-	-	-	-
Oswego Falls Ws (NY)	-	-	-	25	-	-	-	-	-	-	-
Parishville (NY)	-	-	-	1,102	-	-	-	-	-	-	-
Piercefield (NY)	-	-	-	1,090	-	-	-	-	-	-	-
Prospect (NY)	-	-	-	3,149	-	-	-	-	-	-	-
Rainbow (NY)	-	-	-	-48	-	-	-	-	-	-	-
Raymondville (NY)	-	-	-	1,372	-	-	-	-	-	-	-
Rotterdam (NY)	-	-	4,747	-	-	-	-	-	91	-	-
Schaghticoke (NY)	-	-	-	3,609	-	-	-	-	-	-	-
School Street (NY)	-	-	-	8,622	-	-	-	-	-	-	-
Schuylerville (NY)	-	-	-	406	-	-	-	-	-	-	-
Sewalls (NY)	-	-	-	892	-	-	-	-	-	-	-
Sherman Island (NY)	-	-	-	11,720	-	-	-	-	-	-	-
So Glens Falls (NY)	-	-	-	2,015	-	-	-	-	-	-	-
Soft Maple (NY)	-	-	-	2,035	-	-	-	-	-	-	-
South Colton (NY)	-	-	-	5,711	-	-	-	-	-	-	-
South Edwards (NY)	-	-	-	287	-	-	-	-	-	-	-
Spier Falls (NY)	-	-	-	15,892	-	-	-	-	-	-	-
Stark (NY)	-	-	-	6,783	-	-	-	-	-	-	-
Stewarts Bridge (NY)	-	-	-	6,601	-	-	-	-	-	-	-
Stuyvesant Falls (NY)	-	-	-	-2	-	-	-	-	-	-	-
Sugar Island (NY)	-	-	-	2,819	-	-	-	-	-	-	-
Taylorville (NY)	-	-	-	1,319	-	-	-	-	-	-	-
Trenton (NY)	-	-	-	6,214	-	-	-	-	-	-	-
Union (NY)	-	-	-	-	-	-	-	-	-	-	-
Varick (NY)	-	-	-	1,273	-	-	-	-	-	-	-
Waterport (NY)	-	-	-	896	-	-	-	-	-	-	-
West, E J (NY)	-	-	-	5,217	-	-	-	-	-	-	-
Yaleville (NY)	-	-	-	335	-	-	-	-	-	-	-
Niles Board Of Public Works	-	-	-	259	-	-	-	-	-	-	-
Niles (MI)	-	-	-	259	-	-	-	-	-	-	-
Nodak Rural Elec Coop Inc	-	-	-	-	-	-	-	-	-	-	-
Mobile (ND)	-	-	-	-	-	-	-	-	-	-	-
Nome Light And Power Utilities ..	-	1,869	-	-	-	-	-	3	-	-	1
Snake River (AK)	-	1,869	-	-	-	-	-	3	-	-	1
North American Hydro Inc	-	-	-	72	-	-	-	-	-	-	-
Wautoma (WI)	-	-	-	72	-	-	-	-	-	-	-
North Branch Lt & Pwr Comm	-	-	-	-	-	-	-	-	-	-	*
North Branch (MN)	-	-	-	-	-	-	-	-	-	-	*
North Central Power Co Inc	-	-	-	379	-	-	-	*	-	-	*
Arpin (WI)	-	-	-	255	-	-	-	-	-	-	-
Radisson (WI)	-	-	-	52	-	-	-	*	-	-	*
Winter (WI)	-	-	-	72	-	-	-	-	-	-	*
North Counties Hydro Elec Co	-	-	-	1,927	-	-	-	-	-	-	-
Dayton (IL)	-	-	-	1,927	-	-	-	-	-	-	-
North Little Rock City Of	-	-	-	7,509	-	-	-	-	-	-	-
Murray (AR)	-	-	-	7,509	-	-	-	-	-	-	-
Northeast Missouri Elec Pwr											
Coop	-	-	-	-	-	-	-	*	-	-	*
South River Station (MO)	-	-	-	-	-	-	-	*	-	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petroleum (bbbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbbls)
Northeast Nuclear Energy Co	-	-	-	-	1,887,129	-	-	-	-	-	-
Millstone (CT)	-	-	-	-	1,887,129	-	-	-	-	-	-
Northern Indiana Public Serv Co .	1,142,121	39,229	85,939	8,274	-	-	607	-	936	743	-
Bailey (IN)	264,207	-	1,061	-	-	-	122	-	13	78	-
Michigan City (IN)	165,863	-	54,406	-	-	-	83	-	586	117	-
Mitchell, Dean H (IN)	158,683	-	27,630	-	-	-	93	-	296	125	-
Norway (IN)	-	-	-	3,799	-	-	-	-	-	-	-
Oakdale (IN)	-	-	-	4,475	-	-	-	-	-	-	-
Schaefer, R. M. (IN)	553,368	39,229	2,842	-	-	-	310	-	41	424	-
Northern States Power Co	1,583,546	47,714	13,344	64,651	1,121,956	32,976	1,069	11	406	1,505	176
Apple River (WI)	-	-	-	1,039	-	-	-	-	-	-	-
Bay Front (WI)	3,420	-	3,272	-	-	11,697	3	-	55	-	-
Big Falls (WI)	-	-	-	1,978	-	-	-	-	-	-	-
Black Dog (MN)	42,728	-	81	-	-	-	27	-	1	84	-
Blue Lake (MN)	-	5/8	-	-	-	-	-	2	-	-	22
Cedar Falls (WI)	-	-	-	2,295	-	-	-	-	-	-	-
Chippewa Falls (WI)	-	-	-	5,414	-	-	-	-	-	-	-
Cornell (WI)	-	-	-	5,720	-	-	-	-	-	-	-
Dells (WI)	-	-	-	3,595	-	-	-	-	-	-	-
Flambeau (WI)	-	-	-7	-	-	-	-	-	-	-	4
French Island (WI)	-	287	9	-	-	4,515	-	-	-	-	39
Granite City (MN)	-	-	1,005	-	-	-	-	-	205	-	2
Hayward (WI)	-	-	-	72	-	-	-	-	-	-	-
Hennepin Island (MN)	-	-	-	7,729	-	-	-	-	-	-	-
High Bridge (MN)	54,530	-	3,146	-	-	-	43	-	58	95	1
Holcombe (WI)	-	-	-	5,715	-	-	-	-	-	-	-
Holland (MN)	-	-	-	-	-	7	-	-	-	-	-
Inver Hills (MN)	-	1,472	-	-	-	-	-	4	-	-	45
Jim Falls (WI)	-	-	-	8,585	-	-	-	-	-	-	-
Key City (MN)	-	-	781	-	-	-	-	-	14	-	3
King (MN)	249,289	37,772	107	-	-	5,774	143	-	1	214	-
Ladysmith (WI)	-	-	-	570	-	-	-	-	-	-	-
Lower Dam (MN)	-	-	-	-	-	-	-	-	-	-	-
Menomonie (WI)	-	-	-	1,831	-	-	-	-	-	-	-
Minnesota Valley (MN)	438	5	13	-	-	-	-	-	1	13	-
Monticello (MN)	-	-	-	-	393,731	-	-	-	-	-	-
Pathfinder (SD)	-	-	3,533	-	-	-	-	-	54	-	-
Prairie Island (MN)	-	-	-	-	728,225	-	-	-	-	-	-
Redwing (MN)	-	-	150	-	-	7,235	-	-	3	-	-
Riverdale (WI)	-	-	-	278	-	-	-	-	-	-	-
Riverside (MN)	119,867	5,757	1,056	-	-	-	76	-	11	72	3
Saxon Falls (MI)	-	-	-	-3	-	-	-	-	-	-	-
Sherburne County (MN)	1,113,274	517	-	-	-	-	776	1	-	1,026	3
St Croix Falls (WI)	-	-	-	6,618	-	-	-	-	-	-	-
Superior Falls (MI)	-	-	-	672	-	-	-	-	-	-	-
Thornapple (WI)	-	-	-	529	-	-	-	-	-	-	-
Trego (WI)	-	-	-	399	-	-	-	-	-	-	-
West Faribault (MN)	-	-	189	-	-	-	-	-	3	-	-
Wheaton (WI)	-	1,326	-	-	-	-	-	4	-	-	55
White River (WI)	-	-	-	342	-	-	-	-	-	-	-
Wilmarth (MN)	-	-	9	-	-	3,748	-	-	-	-	-
Wissota (WI)	-	-	-	11,273	-	-	-	-	-	-	-
Northway Power & Light Inc	-	102	-	-	-	-	-	-	-	-	-
Northway (AK)	-	102	-	-	-	-	-	-	-	-	-
Northwestern Public Service											
Company	-	74	215	-	-	-	-	-	4	-	24
Aberdeen (SD)	-	89	-	-	-	-	-	-	-	-	11
Armour (SD)	-	-7	-	-	-	-	-	-	-	-	-
Chamberlain (SD)	-	-8	-	-	-	-	-	-	-	-	-
Clark (S)	-	-3	-	-	-	-	-	-	-	-	-
Faulkton (SD)	-	-2	-	-	-	-	-	-	-	-	-
Highmore (SD)	-	2	-	-	-	-	-	-	-	-	-
Huron (SD)	-	4	112	-	-	-	-	-	3	-	10
Mobile (SD)	-	-5	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Northwestern Public Service Company											
Redfield (SD)	-	2	22	-	-	-	-	*	*	-	1
Webster (SD)	-	-2	-	-	-	-	-	*	-	-	*
Yankton New (SD)	-	20	81	-	-	-	-	*	1	-	1
Yankton Old (SD)	-	-18	-	-	-	-	-	*	-	-	*
Northwestern Wisconsin Elec Co	-	-9	-	596	-	-	-	*	-	-	3
Balsam Lake (WI)	-	-	-	-	-	-	-	-	-	-	-
Black Brook (WI)	-	-	-	189	-	-	-	-	-	-	-
Clam Falls (WI)	-	-	-	20	-	-	-	-	-	-	-
Clam River Dam (WI)	-	-	-	257	-	-	-	-	-	-	-
Danbury (WI)	-	-3	-	130	-	-	-	*	-	-	2
Frederic (WI)	-	-4	-	-	-	-	-	-	-	-	*
Grantsburg (WI)	-	-2	-	-	-	-	-	-	-	-	1
Northwood City Of Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Northwood (ND)	-	-	-	-	-	-	-	-	-	-	-
Norton City Of	-	5	18	-	-	-	-	*	2	-	1
Norton (KS)	-	5	18	-	-	-	-	*	2	-	1
Norway Electric Light Dept	-	-	-	1,340	-	-	-	-	-	-	-
Norway (MI)	-	-	-	1,340	-	-	-	-	-	-	-
Norwich Dept Of Pub Utils	-	335	-	793	-	-	-	1	-	-	4
North Main (CT)	-	335	-	-	-	-	-	1	-	-	4
Occum (CT)	-	-	-	209	-	-	-	-	-	-	-
10Th Street (CT)	-	-	-	434	-	-	-	-	-	-	-
2Nd Street (CT)	-	-	-	150	-	-	-	-	-	-	-
Nushagak Electric Coop, Inc	-	1,271	-	-	-	-	-	2	-	-	25
Dillingham (AK)	-	1,271	-	-	-	-	-	2	-	-	25
Oakdale & South San Joaquin	-	-	-	57,542	-	-	-	-	-	-	-
Beardsley (CA)	-	-	-	5,604	-	-	-	-	-	-	-
Donnels (CA)	-	-	-	28,155	-	-	-	-	-	-	-
Sand Bar (CA)	-	-	-	10,833	-	-	-	-	-	-	-
Tulloch (CA)	-	-	-	12,950	-	-	-	-	-	-	-
Oakely City Of	-	-	-	-	-	-	-	-	-	-	-
Oakely (KS)	-	-	-	-	-	-	-	-	-	-	-
Oberlin City Of	-	-	-	-	-	-	-	-	-	-	-
Oberlin (KS)	-	-	-	-	-	-	-	-	-	-	-
Oberlin Mun Lt Pwr System	-	69	216	-	-	-	-	*	2	-	*
Oberlin (OH)	-	69	216	-	-	-	-	*	2	-	*
Oconto Electric Coop	-	-	-	380	-	-	-	-	-	-	-
Stiles (WI)	-	-	-	380	-	-	-	-	-	-	-
Odessa City Of	-	78	758	-	-	-	-	*	9	-	1
Odessa (MO)	-	78	758	-	-	-	-	*	9	-	1
Ogden Municipal Utilities	-	26	-	-	-	-	-	*	-	-	1
Ogden (IA)	-	26	-	-	-	-	-	*	-	-	1
Oglethorpe Power Corporation ..	-	-	-	203	-	-	-	-	-	-	-
Tallassee (GA)	-	-	-	203	-	-	-	-	-	-	-
Ohio Edison Company	1,484,903	3,432	-	-	-	-	633	8	-	1,259	35
Burger, R E (OH)	205,676	343	-	-	-	-	100	1	-	217	2
Edgewater (OH)	19,651	504	-	-	-	-	11	1	-	29	9
Gorge Steam (OH)	12,372	102	-	-	-	-	6	*	-	26	*
Mad River (OH)	-	571	-	-	-	-	-	2	-	-	13
Niles (OH)	60,359	282	-	-	-	-	28	1	-	96	7
Sammis (OH)	1,167,901	1,432	-	-	-	-	477	2	-	820	3

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Ohio Edison Company											
Toronto (OH)	18,944	198	-	-	-	-	12	*	-	72	*
West Lorain (OH)	-	-	-	-	-	-	-	-	-	-	-
Ohio Power Co (AEP)	2,685,626	7,182	-	12,197	-	-	1,141	10	-	3,311	63
Gavin, Gen J M (OH)	1,290,838	2,651	-	-	-	-	559	4	-	1,391	27
Kammer (WV)	290,003	172	-	-	-	-	117	*	-	375	2
Mitchell (WV)	519,841	2,501	-	-	-	-	215	4	-	653	28
Muskingum River (OH)	584,944	1,778	-	-	-	-	250	3	-	892	6
Racine (OH)	-	-	-	12,197	-	-	-	-	-	-	-
Ohio Valley Electric Corporation ..	718,442	17	-	-	-	-	310	*	-	630	3
Kyger Creek (OH)	718,442	17	-	-	-	-	310	*	-	630	3
Oklahoma Gas & Electric Co	1,176,572	673	985,826	-	-	-	684	1	10,164	1,474	402
Arbuckle (OK)	-	-	-	-	-	-	-	-	-	-	-
Enid (OK)	-	-	13	-	-	-	-	-	-	-	-
Horseshoe Lake (OK)	-	587	325,031	-	-	-	-	1	3,366	-	81
Muskogee (OK)	540,527	-	71,393	-	-	-	322	-	766	805	46
Mustang (OK)	-	-	96,863	-	-	-	-	-	1,016	-	16
Seminole (OK)	-	73	492,509	-	-	-	-	*	5,013	-	244
Sooner (OK)	636,045	13	-	-	-	-	362	*	-	589	14
Woodward (OK)	-	-	17	-	-	-	-	*	-	-	1
Omaha Public Power District	443,274	504	11,443	-	267,504	-	295	1	145	559	21
Fort Calhoun (NE)	-	-	-	-	267,504	-	-	-	-	-	-
Jones Street (NE)	-	51	-	-	-	-	-	*	-	-	12
Nebraska City (NE)	296,831	457	-	-	-	-	190	1	-	310	4
North Omaha (NE)	146,443	-	7,980	-	-	-	104	-	94	249	-
Sarpy (NE)	-	-	3,463	-	-	-	-	-	52	-	6
Onawa City Of Municipal Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Onawa (IA)	-	-	-	-	-	-	-	-	-	-	-
Opelousas Elec Lt & Wtr Works											
Plant	-	-	-	-	-	-	-	-	-	-	-
Opelousas (LA)	-	-	-	-	-	-	-	-	-	-	-
Orange And Rockland Utilities, Inc	181,459	170,353	319,770	15,670	-	-	77	285	3,255	48	810
Bowline Point (NY)	-	170,330	276,619	-	-	-	-	284	2,783	-	730
Grahamsville (NY)	-	-	-	11,649	-	-	-	-	-	-	-
Hillburn (NY)	-	16	483	-	-	-	-	*	9	-	3
Lovett (NY)	181,459	7	41,215	-	-	-	77	*	440	48	74
Mongaup (NY)	-	-	-	1,005	-	-	-	-	-	-	-
Rio (NY)	-	-	-	1,900	-	-	-	-	-	-	-
Shoemaker (NY)	-	-	1,453	-	-	-	-	-	23	-	2
Swinging Bridge 1 (NY)	-	-	-	581	-	-	-	-	-	-	-
Swinging Bridge 2 (NY)	-	-	-	535	-	-	-	-	-	-	-
Orange City Municipal Light Plant											
Orange City (IA)	-	-	-	-	-	-	-	-	-	-	2
Orcas Power & Light Company ...	-	-	-	-	-	-	-	-	-	-	-
Eastsound (WA)	-	-	-	-	-	-	-	-	-	-	-
Oregon Trail Elec Coop	-	-	-	292	-	-	-	-	-	-	-
Rock Creek (OR)	-	-	-	292	-	-	-	-	-	-	-
Orlando Utilities Commission	284,208	125,281	79,114	-	-	-	110	209	835	175	155
Indian River (FL)	-	124,498	79,114	-	-	-	-	208	835	-	149
Stanton (FL)	284,208	783	-	-	-	-	110	1	-	175	6
Oroville Wyandotte Irrig Dist	-	-	-	57,556	-	-	-	-	-	-	-
Forbestown (CA)	-	-	-	16,434	-	-	-	-	-	-	-
Kelly Ridge (CA)	-	-	-	7,722	-	-	-	-	-	-	-
Sly Creek (CA)	-	-	-	3,885	-	-	-	-	-	-	-
Woodleaf (CA)	-	-	-	29,515	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Orrville Mun Utilities	24,173	-	121	-	-	-	15	-	2	7	-
Orrville (OH)	24,173	-	121	-	-	-	15	-	2	7	-
Osage Mun Utilities	-	87	785	-	-	-	-	*	9	-	*
Osage (KS)	-	87	785	-	-	-	-	*	9	-	*
Osage Municipal Utilities	-	6	-	-	-	-	-	*	-	-	1
Osage (IA)	-	6	-	-	-	-	-	*	-	-	1
Osborne City Of	-	7	45	-	-	-	-	*	1	-	*
Osborne (KS)	-	7	45	-	-	-	-	*	1	-	*
Osceola City Of	-	-	-	-	-	-	-	-	-	-	-
Osceola (AR)	-	-	-	-	-	-	-	-	-	-	-
Oswatomie City Of	-	127	1	-	-	-	-	*	*	-	*
Oswatomie (KS)	-	127	1	-	-	-	-	*	*	-	*
Ottawa Water & Light Dept	-	80	435	-	-	-	-	*	5	-	1
Ottawa (KS)	-	80	435	-	-	-	-	*	5	-	1
Otter Tail Power Company	225,836	280	-	1,542	-	-	209	1	-	290	26
Bemidji (MN)	-	-	-	-	-	-	-	-	-	-	-
Big Stone (SD)	210,801	60	-	-	-	-	199	*	-	282	8
Dayton Hollow (MN)	-	-	-	406	-	-	-	-	-	-	-
Hoot Lake (MN)	15,035	108	-	401	-	-	10	*	-	8	*
Jamestown (ND)	-	77	-	-	-	-	-	*	-	-	13
Lake Preston (SD)	-	35	-	-	-	-	-	-	-	-	5
Pisgah (MN)	-	-	-	229	-	-	-	-	-	-	-
Port 148 (MN)	-	-	-	-	-	-	-	-	-	-	-
Taplin Gorge (MN)	-	-	-	319	-	-	-	-	-	-	-
Wright (MN)	-	-	-	187	-	-	-	-	-	-	-
Ottumwa Wtr Wrks & Hydro El Pl	-	-	-	270	-	-	-	-	-	-	-
Ottumwa (IA)	-	-	-	270	-	-	-	-	-	-	-
Owatonna Municipal Public Utilities	-	-	147	-	-	-	-	-	3	-	-
Owatonna (MN)	-	-	147	-	-	-	-	-	3	-	-
Owensboro Municipal Utilities	173,482	24	-	-	-	-	85	*	-	87	1
Elmer Smith (KY)	173,482	24	-	-	-	-	85	*	-	87	1
Owensville Municipal Utilities	-	215	-	-	-	-	-	*	-	-	*
Owensville (MO)	-	215	-	-	-	-	-	*	-	-	*
Oxford Mun Lt & Pwr Plant	-	51	-	-	-	-	-	*	-	-	*
Oxford (NE)	-	51	-	-	-	-	-	*	-	-	*
Pacific Gas & Electric Company ..	-	3,641	2,273,100	770,372	1,586,936	632,921	-	10	22,534	-	7,044
* Central Storage *	-	-	-	-	-	-	-	-	-	-	84
Alta (CA)	-	-	-	81	-	-	-	-	-	-	-
Angels (CA)	-	-	-	225	-	-	-	-	-	-	-
Balch 1 (CA)	-	-	-	4,376	-	-	-	-	-	-	-
Balch 2 (CA)	-	-	-	26,692	-	-	-	-	-	-	-
Belden (CA)	-	-	-	38,749	-	-	-	-	-	-	-
Black, James B (CA)	-	-	-	41,470	-	-	-	-	-	-	-
Bucks Creek (CA)	-	-	-	16,944	-	-	-	-	-	-	-
Butt Valley (CA)	-	-	-	16,189	-	-	-	-	-	-	-
Caribou 1 (CA)	-	-	-	4,931	-	-	-	-	-	-	-
Caribou 2 (CA)	-	-	-	51,293	-	-	-	-	-	-	-
Certerville (CA)	-	-	-	2,506	-	-	-	-	-	-	-
Chili Bar (CA)	-	-	-	2,323	-	-	-	-	-	-	-
Coal Canyon (CA)	-	-	-	346	-	-	-	-	-	-	-
Coleman (CA)	-	-	-	4,047	-	-	-	-	-	-	-
Contra Costa (CA)	-	-	280,213	-	-	-	-	-	2,876	-	440
Cow Creek (CA)	-	-	-	278	-	-	-	-	-	-	-
Crane Valley (CA)	-	-	-	474	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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											
Cresta (CA)	-	-	-	17,473	-	-	-	-	-	-	-
De Sabla (CA)	-	-	-	6,988	-	-	-	-	-	-	-
Deer Creek (CA)	-	-	-	2,325	-	-	-	-	-	-	-
Diablo Canyon (CA)	-	-	-	-	1,586,936	-	-	-	-	-	-
Downieville (CA)	-	-5	-	-	-	-	-	-	-	-	-
Drum 1 (CA)	-	-	-	16,252	-	-	-	-	-	-	-
Drum 2 (CA)	-	-	-	17,099	-	-	-	-	-	-	-
Dutch Flat (CA)	-	-	-	5,273	-	-	-	-	-	-	-
El Dorado (CA)	-	-	-	4,494	-	-	-	-	-	-	-
Electra (CA)	-	-	-	29,275	-	-	-	-	-	-	-
Haas (CA)	-	-	-	29,956	-	-	-	-	-	-	-
Halsey (CA)	-	-	-	6,784	-	-	-	-	-	-	-
Hamilton Branch (CA)	-	-	-	249	-	-	-	-	-	-	-
Hat Creek 1 (CA)	-	-	-	2,149	-	-	-	-	-	-	-
Hat Creek 2 (CA)	-	-	-	3,214	-	-	-	-	-	-	-
Helms (CA)	-	-	-	9,905	-	-	-	-	-	-	-
Humbolt Bay (CA)	-	1,837	6,652	-	-	-	-	5	115	-	88
Hunters Point (CA)	-	163	102,307	-	-	-	-	-	1,199	-	326
Inskip (CA)	-	-	-	3,002	-	-	-	-	-	-	-
Kerckhoff (CA)	-	-	-	278	-	-	-	-	-	-	-
Kerckhoff 2 (CA)	-	-	-	22,657	-	-	-	-	-	-	-
Kern (CA)	-	-	-146	-	-	-	-	-	-	-	-
Kern Canyon (CA)	-	-	-	3,854	-	-	-	-	-	-	-
Kilarc (CA)	-	-	-	575	-	-	-	-	-	-	-
Kings River (CA)	-	-	-	9,606	-	-	-	-	-	-	-
Lime Saddle (CA)	-	-	-	518	-	-	-	-	-	-	-
Merced Falls (CA)	-	-	-	1,222	-	-	-	-	-	-	-
Mobile Turbine (CA)	-	-	-	-	-	-	-	-	-	-	-
Morro Bay (CA)	-	-	232,856	-	-	-	-	-	2,362	-	1,289
Moss Landing (CA)	-	-	852,253	-	-	-	-	-	7,795	-	1,778
Murphys (CA)	-	-	-	664	-	-	-	-	-	-	-
Narrows (CA)	-	-	-	724	-	-	-	-	-	-	-
Newcastle (CA)	-	-	-	1,527	-	-	-	-	-	-	-
Oak Flat (CA)	-	-	-	847	-	-	-	-	-	-	-
Oakland (CA)	-	662	-	-	-	-	-	2	-	-	36
Phoenix (CA)	-	-	-	1,089	-	-	-	-	-	-	-
Pit 1 (CA)	-	-	-	17,080	-	-	-	-	-	-	-
Pit 3 (CA)	-	-	-	22,924	-	-	-	-	-	-	-
Pit 4 (CA)	-	-	-	29,480	-	-	-	-	-	-	-
Pit 5 (CA)	-	-	-	50,835	-	-	-	-	-	-	-
Pit 6 (CA)	-	-	-	20,411	-	-	-	-	-	-	-
Pit 7 (CA)	-	-	-	26,351	-	-	-	-	-	-	-
Pittsburg (CA)	-	-	685,862	-	-	-	-	-	7,084	-	2,675
Poe (CA)	-	-	-	29,773	-	-	-	-	-	-	-
Potrero (CA)	-	984	113,103	-	-	-	-	2	1,103	-	327
Potter Valley (CA)	-	-	-	2,218	-	-	-	-	-	-	-
PVUSA 1 (CA)	-	-	-	-	-	4	-	-	-	-	-
Rock Creek (CA)	-	-	-	25,695	-	-	-	-	-	-	-
Salt Springs (CA)	-	-	-	22,626	-	-	-	-	-	-	-
San Joaquin No. 1a (CA)	-	-	-	196	-	-	-	-	-	-	-
San Joaquin No. 2 (CA)	-	-	-	1,719	-	-	-	-	-	-	-
San Joaquin 3 (CA)	-	-	-	2,119	-	-	-	-	-	-	-
South (CA)	-	-	-	2,788	-	-	-	-	-	-	-
Spaulding No. 1 (CA)	-	-	-	4,128	-	-	-	-	-	-	-
Spaulding No. 2 (CA)	-	-	-	1,024	-	-	-	-	-	-	-
Spaulding No. 3 (CA)	-	-	-	3,498	-	-	-	-	-	-	-
Spring Gap (CA)	-	-	-	788	-	-	-	-	-	-	-
Stanislaus (CA)	-	-	-	42,458	-	-	-	-	-	-	-
The Geysers (CA)	-	-	-	-	-	632,917	-	-	-	-	-
Tiger Creek (CA)	-	-	-	27,761	-	-	-	-	-	-	-
Toadtown (CA)	-	-	-	338	-	-	-	-	-	-	-
Tule River (CA)	-	-	-	193	-	-	-	-	-	-	-
Volta (CA)	-	-	-	1,781	-	-	-	-	-	-	-
Volta 2 (CA)	-	-	-	211	-	-	-	-	-	-	-
West Point (CA)	-	-	-	7,645	-	-	-	-	-	-	-
Wise (CA)	-	-	-	9,472	-	-	-	-	-	-	-
Wishon, A G (CA)	-	-	-	7,937	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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	4,734,445	4,943	407	205,122	-	5,676	2,618	9	5	5,299	106
American Fork (UT)	-	-	-	567	-	-	-	-	-	-	-
Ashton (ID)	-	-	-	3,313	-	-	-	-	-	-	-
Beaver Upper (UT)	-	-	-	579	-	-	-	-	-	-	-
Bend (OR)	-	-	-	494	-	-	-	-	-	-	-
Big Fork (MT)	-	-	-	3,127	-	-	-	-	-	-	-
Blundell (UT)	-	-	-	-	-	5,676	-	-	-	-	-
Bridger, Jim (WY)	1,431,651	1,053	-	-	-	-	761	2	-	800	9
Carbon (UT)	117,865	-	-	-	-	-	57	-	-	92	1
Centralia (WA)	749,397	1,499	-	-	-	-	491	3	-	1,691	4
Clearwater 1 (OR)	-	-	-	3,811	-	-	-	-	-	-	-
Clearwater 2 (OR)	-	-	-	3,302	-	-	-	-	-	-	-
Cline Falls (OR)	-	-	-	-	-	-	-	-	-	-	-
Condit (WA)	-	-	-	5,037	-	-	-	-	-	-	-
Copco 1 (CA)	-	-	-	4,997	-	-	-	-	-	-	-
Copco 2 (CA)	-	-	-	6,643	-	-	-	-	-	-	-
Cove (ID)	-	-	-	3,801	-	-	-	-	-	-	-
Cutler (UT)	-	-	-	-12	-	-	-	-	-	-	-
Eagle Point (OR)	-	-	-	1,084	-	-	-	-	-	-	-
East Side (OR)	-	-	-	1,258	-	-	-	-	-	-	-
Fall Creek (CA)	-	-	-	1,019	-	-	-	-	-	-	-
Fish Creek (OR)	-	-	-	1,468	-	-	-	-	-	-	-
Ftn Green (UT)	-	-	-	36	-	-	-	-	-	-	-
Gadsby (UT)	-135	-	-55	-	-	-	-	-	-	-	-
Grace (ID)	-	-	-	1,264	-	-	-	-	-	-	-
Granite (UT)	-	-	-	326	-	-	-	-	-	-	-
Hale (UT)	-	-	-49	-	-	-	-	-	-	-	-
Hunter (emery) (UT)	759,418	1,108	-	-	-	-	335	2	-	1,561	4
Huntington Canyon (UT)	564,362	427	-	-	-	-	246	1	-	605	5
Hydro No. 1 (UT)	-	-	-	32	-	-	-	-	-	-	-
Hydro No. 2 (UT)	-	-	-	-	-	-	-	-	-	-	-
Hydro No. 3 (UT)	-	-	-	-	-	-	-	-	-	-	-
Iron Gate (CA)	-	-	-	6,837	-	-	-	-	-	-	-
John C Boyle (OR)	-	-	-	14,280	-	-	-	-	-	-	-
Johnston, Dave (WY)	430,811	786	-	-	-	-	310	2	-	300	3
Last Chance (UT)	-	-	-	723	-	-	-	-	-	-	-
Lemolo 1 (OR)	-	-	-	2,416	-	-	-	-	-	-	-
Lemolo 2 (OR)	-	-	-	10,939	-	-	-	-	-	-	-
Little Mountain (UT)	-	-	-21	-	-	-	-	-	-	-	73
Merwin (WA)	-	-	-	9,143	-	-	-	-	-	-	-
Naches (WA)	-	-	-	3,166	-	-	-	-	-	-	-
Naches Drop (WA)	-	-	-	835	-	-	-	-	-	-	-
Naughton (WY)	443,217	-	532	-	-	-	241	-	5	249	1
Olmstead (UT)	-	-	-	-6	-	-	-	-	-	-	-
Oneida (ID)	-	-	-	5,687	-	-	-	-	-	-	-
Paris (ID)	-	-	-	111	-	-	-	-	-	-	-
Pioneer (UT)	-	-	-	1,675	-	-	-	-	-	-	-
Powerdale (OR)	-	-	-	1,650	-	-	-	-	-	-	-
Prospect 1 (OR)	-	-	-	290	-	-	-	-	-	-	-
Prospect 2 (OR)	-	-	-	16,989	-	-	-	-	-	-	-
Prospect 3 (OR)	-	-	-	1,150	-	-	-	-	-	-	-
Prospect 4 (OR)	-	-	-	64	-	-	-	-	-	-	-
Slide Creek (OR)	-	-	-	4,922	-	-	-	-	-	-	-
Snake Creek (UT)	-	-	-	197	-	-	-	-	-	-	-
Soda (ID)	-	-	-	3,613	-	-	-	-	-	-	-
Soda Springs (OR)	-	-	-	3,513	-	-	-	-	-	-	-
St Anthony (ID)	-	-	-	198	-	-	-	-	-	-	-
Stairs (UT)	-	-	-	342	-	-	-	-	-	-	-
Stayton (OR)	-	-	-	407	-	-	-	-	-	-	-
Swift No. 2 (WA)	-	-	-	5,556	-	-	-	-	-	-	-
Swift 1 (WA)	-	-	-	18,995	-	-	-	-	-	-	-
Toketee (OR)	-	-	-	13,860	-	-	-	-	-	-	-
Viva (WY)	-	-	-	273	-	-	-	-	-	-	-
Wallowa Falls (OR)	-	-	-	309	-	-	-	-	-	-	-
Weber (UT)	-	-	-	2,416	-	-	-	-	-	-	-
West Side (OR)	-	-	-	376	-	-	-	-	-	-	-
Wyodak (WY)	238,759	70	-	-	-	-	177	-	-	-	6
Yale (WA)	-	-	-	14,050	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Painesville Mun Lt Plant	15,828	-	28	-	-	-	9	-	*	4	2
Painesville (OH)	15,828	-	28	-	-	-	9	-	*	4	2
Palmyra City Of Bd Of Pub Works	-	15	178	-	-	-	-	*	2	-	*
Palmyra (MO)	-	15	178	-	-	-	-	*	2	-	*
Paragould Light Plant Comm	-	-	-	-	-	-	-	-	-	-	-
Paragould (AR)	-	-	-	-	-	-	-	-	-	-	-
Paris Light & Power Dept	-	-	-	-	-	-	-	-	-	-	-
Paris (KY)	-	-	-	-	-	-	-	-	-	-	-
Park River Municipal Light Plant ..	-	-	-	-	-	-	-	-	-	-	-
Park River (ND)	-	-	-	-	-	-	-	-	-	-	-
Parowan City Corporation	-	-	-	172	-	-	-	-	-	-	-
Center Creek (UT)	-	-	-	172	-	-	-	-	-	-	-
Paragonah (UT)	-	-	-	-	-	-	-	-	-	-	-
Pasadena City Of Wtr & Pwr Dept	-	-	30,943	735	-	-	-	-	375	-	124
Azusa (CA)	-	-	-	735	-	-	-	-	-	-	-
Broadway (CA)	-	-	30,746	-	-	-	-	-	370	-	110
Glenarm (CA)	-	-	197	-	-	-	-	-	5	-	14
Pattonsburg Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Pattonsburg (MO)	-	-	-	-	-	-	-	-	-	-	-
Paullina Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Paullina (IA)	-	-	-	-	-	-	-	-	-	-	-
Pawhuska Light & Water Plant	-	-	-	-	-	-	-	-	-	-	-
Pawhuska (OK)	-	-	-	-	-	-	-	-	-	-	-
Pesbody Mun Light Plant	-	295	2,976	-	-	-	-	1	43	-	8
Warren St (MA)	-	273	-	-	-	-	-	*	-	-	4
Waters River (MA)	-	22	2,976	-	-	-	-	*	43	-	4
Pelican Utility Company	-	132	-	308	-	-	-	*	-	-	*
Pelican (AK)	-	132	-	308	-	-	-	*	-	-	*
Pella Municipal Power & Light	3,729	-	3,805	-	-	-	3	-	54	3	*
Pella (IA)	3,729	-	3,805	-	-	-	3	-	54	3	*
Pend Oreille County P U D No 1 ..	-	-	-	29,098	-	-	-	-	-	-	-
Box Canyon (WA)	-	-	-	28,945	-	-	-	-	-	-	-
Calispel Creek (WA)	-	-	-	153	-	-	-	-	-	-	-
Pender Mun Light Plant	-	4	-	-	-	-	-	*	-	-	*
Pender (NE)	-	4	-	-	-	-	-	*	-	-	*
Pennsylvania Electric Co (GPS) ...	3,408,107	14,150	637	-29,431	-	-	1,351	22	10	3,073	72
Benton (PA)	-	107	-	-	-	-	-	*	-	-	*
Blossburg (PA)	-	-	637	-	-	-	-	-	10	-	-
Conemaugh (PA)	1,145,340	1,231	-	-	-	-	452	2	-	706	9
Deep Creek (MD)	-	-	-	2,190	-	-	-	-	-	-	-
Front Street (PA)	39,108	166	-	-	-	-	22	*	-	20	1
Homer City (PA)	820,282	2,368	-	-	-	-	310	3	-	1,233	12
Keystone (PA)	919,589	3,779	-	-	-	-	357	5	-	730	6
Piney (PA)	-	-	-	3,554	-	-	-	-	-	-	-
Seneca (PA)	-	-	-	-35,175	-	-	-	-	-	-	-
Seward (PA)	117,763	1,623	-	-	-	-	55	3	-	158	*
Shawville (PA)	322,191	3,090	-	-	-	-	132	4	-	115	11
Warren (PA)	44,007	364	-	-	-	-	24	1	-	21	10
Wayne (PA)	-	1,422	-	-	-	-	-	4	-	-	12
Williamsburg (PA)	-173	-	-	-	-	-	-	-	-	4	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Pennsylvania Power & Light Co .. 2,053,706	162,370	-	-	50,805	1,507,714	-	852	229	-	7,589	1,475
* Central Storage *	-	-	-	-	-	-	-	-	-	5,228	-
Allentown (PA)	-	596	-	-	-	-	-	2	-	-	5
Brunner Island (PA)	783,722	1,908	-	-	-	-	315	5	-	549	6
Fishbach (PA)	-	317	-	-	-	-	-	1	-	-	2
Harrisburg (PA)	-	946	-	-	-	-	-	3	-	-	4
Harwood (PA)	-	455	-	-	-	-	-	1	-	-	2
Holtwood (PA)	37,526	8,345	-	45,912	-	-	25	-	-	135	1
Jenkins (PA)	-	372	-	-	-	-	-	1	-	-	2
Loch Haven (PA)	-	290	-	-	-	-	-	1	-	-	2
Martins Creek (PA)	89,204	122,056	-	-	-	-	43	206	-	77	1,431
Montour (PA)	943,653	558	-	-	-	-	358	5	-	490	10
Sunbury (PA)	199,601	25,634	-	-	-	-	111	2	-	1,111	5
Susquehanna (PA)	-	-	-	-	1,507,714	-	-	-	-	-	-
Wallenpaupack (PA)	-	-	-	4,893	-	-	-	-	-	-	-
West Shore (PA)	-	396	-	-	-	-	-	1	-	-	2
Williamsport (PA)	-	497	-	-	-	-	-	1	-	-	2
Pennsylvania Power Co	1,257,633	3,091	-	-	-	-	536	5	-	1,331	58
Mansfield, Bruce (PA)	1,151,785	2,305	-	-	-	-	485	3	-	1,185	57
New Castle (PA)	105,848	786	-	-	-	-	51	2	-	146	1
Peru City Of Lt & Pwr Dept	2,043	26	-	-	-	-	1	*	-	1	*
Peru (IN)	2,043	26	-	-	-	-	1	*	-	1	*
Peru City Of Mun Pwr Plant	-	-3	-17	-	-	-	-	*	-	-	1
Peru (IL)	-	-3	-17	-	-	-	-	*	-	-	1
Petersburg Municipal Light & Power	-	12	-	929	-	-	-	*	-	-	*
Petersburg (AK)	-	12	-	929	-	-	-	*	-	-	*
Philadelphia Electric Company 260,736	287,387	11,318	41,461	2,545,062	-	-	126	501	112	180	532
* Central Storage *	-	-	-	-	-	-	-	-	-	-	24
Chester (PA)	-	396	-	-	-	-	-	1	-	-	6
Conowingo (MD)	-	-	-	96,773	-	-	-	-	-	-	-
Cromby (PA)	40,346	41,574	-	-	-	-	19	66	-	36	36
Croydon (PA)	-	8,518	-	-	-	-	-	21	-	-	68
Delaware (PA)	-	55,985	-	-	-	-	-	102	-	-	89
Eddystone (PA)	220,390	136,243	11,318	-	-	-	107	224	112	144	233
Falls (PA)	-	853	-	-	-	-	-	2	-	-	11
Limerick (PA)	-	-	-	-	1,214,328	-	-	-	-	-	-
Mosier (PA)	-	838	-	-	-	-	-	2	-	-	11
Muddy Run (PA)	-	-	-	-55,312	-	-	-	-	-	-	-
Peach Bottom (PA)	-	-	-	-	1,330,734	-	-	-	-	-	-
Richmond (PA)	-	4,973	-	-	-	-	-	12	-	-	45
Schuylkill (PA)	-	37,163	-	-	-	-	-	68	-	-	5
Southwark (PA)	-	844	-	-	-	-	-	2	-	-	5
Piggott Public Improvement Dist 1	-	20	-	-	-	-	-	*	-	-	1
Piggott (AR)	-	20	-	-	-	-	-	*	-	-	1
Piqua Municipal Power System 11,682	39	-	-	-	-	-	9	*	-	1	3
Piqua (OH)	11,682	39	-	-	-	-	9	*	-	1	3
Placer County Water Agency	-	-	-	154,035	-	-	-	-	-	-	-
French Meadows (CA)	-	-	-	11,114	-	-	-	-	-	-	-
Hell Hole (WA)	-	-	-	364	-	-	-	-	-	-	-
Middle Fork (CA)	-	-	-	83,145	-	-	-	-	-	-	-
Oxbow (CA)	-	-	-	3,810	-	-	-	-	-	-	-
Ralston (CA)	-	-	-	55,602	-	-	-	-	-	-	-
Plains Elec Gen & Trans Coop, Inc	138,805	-	24	-	-	-	79	-	*	168	9
Algodones (NM)	-	-	-	-	-	-	-	-	-	-	-
Escalante (NM)	138,805	-	24	-	-	-	79	-	*	168	9

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Plainview Municipal Power Plant	-	-	-	-	-	-	-	-	-	-	*
Plainview (NE)	-	-	-	-	-	-	-	-	-	-	*
Plaquemine Lt & Wtr Plant	-	-	1	-	-	-	-	-	*	-	-
Plaquemine (LA)	-	-	1	-	-	-	-	-	*	-	-
Platte River Power Auth	175,539	-	-	-	-	-	104	-	-	196	3
Rawhide (CO)	175,539	-	-	-	-	-	104	-	-	196	3
Ponca City Mun Wtr & Lt Dept	-	53	10,676	-	-	-	-	*	133	-	1
Ponca Steam (OK)	-	-	10,198	-	-	-	-	-	128	-	-
Ponca Steam (OK)	-	53	478	-	-	-	-	*	6	-	1
Portland City Of Electric Dept	-	-	-	50	-	-	-	-	-	-	*
Jenkins, Frank (MI)	-	-	-	-	-	-	-	-	-	-	*
Portland (MI)	-	-	-	50	-	-	-	-	-	-	-
Portland General Electric											
Company	80,197	2,758	180,738	146,648	757,270	-	55	6	1,674	646	224
Beaver (OR)	-	1,118	180,738	-	-	-	-	2	1,674	-	208
Bethel (OR)	-	-	-	-	-	-	-	-	-	-	12
Boardman (OR)	80,197	1,640	-	-	-	-	55	5	-	646	5
Bull Run (OR)	-	-	-	3,490	-	-	-	-	-	-	-
Faraday (OR)	-	-	-	4,198	-	-	-	-	-	-	-
North Fork (OR)	-	-	-	4,664	-	-	-	-	-	-	-
Oak Grove (OR)	-	-	-	13,392	-	-	-	-	-	-	-
Pelton (OR)	-	-	-	29,862	-	-	-	-	-	-	-
Pelton Re Regulation (OR)	-	-	-	5,999	-	-	-	-	-	-	-
Portland Hydro Proj 1 (OR)	-	-	-	2,434	-	-	-	-	-	-	-
Portland Hydro Proj 2 (OR)	-	-	-	-	-	-	-	-	-	-	-
River Mill (OR)	-	-	-	2,873	-	-	-	-	-	-	-
Round Butte (OR)	-	-	-	69,450	-	-	-	-	-	-	-
Sullivan (OR)	-	-	-	10,286	-	-	-	-	-	-	-
Summit (OR)	-	-	-	-	-	-	-	-	-	-	1
Trojan (OR)	-	-	-	-	757,270	-	-	-	-	-	-
Potomac Edison Co (APS)	45,308	579	-	2,845	-	-	19	1	-	26	1
Dam 4 (WV)	-	-	-	607	-	-	-	-	-	-	-
Dam 5 (WV)	-	-	-	519	-	-	-	-	-	-	-
Harpers Ferry (WV)	-	-	-	-	-	-	-	-	-	-	-
Luray (VA)	-	-	-	346	-	-	-	-	-	-	-
Millville (WV)	-	-	-	778	-	-	-	-	-	-	-
Newport (VA)	-	-	-	322	-	-	-	-	-	-	-
Shenandoah (VA)	-	-	-	103	-	-	-	-	-	-	-
Smith, R P (MD)	45,308	579	-	-	-	-	19	1	-	26	1
Warren (VA)	-	-	-	170	-	-	-	-	-	-	-
Potomac Electric Power Co	1,497,278	153,968	257,850	-	-	-	577	329	2,957	1,199	1,162
Benning (DC)	-	71,742	-	-	-	-	-	165	-	-	95
Buzzard Point (DC)	-	4,181	-	-	-	-	-	12	-	-	19
Chalk Point (MD)	269,917	63,564	257,850	-	-	-	105	122	2,957	394	640
Dickerson (MD)	326,591	1,108	-	-	-	-	124	2	-	291	5
Morgantown (MD)	673,511	12,446	-	-	-	-	253	25	-	406	401
Potomac River (VA)	227,259	927	-	-	-	-	96	2	-	109	1
SMECO CT (MD)	-	-	-	-	-	-	-	-	-	-	-
Power Authority Of The State Of NY	-	4,040	176,172	1,673,783	1,088,063	-	-	7	1,875	-	355
Ashokan (NY)	-	-	-	2,031	-	-	-	-	-	-	-
Astoria (NY)	-	4,040	176,172	-	-	-	-	7	1,875	-	355
Blenheim (NY)	-	-	-	-56,327	-	-	-	-	-	-	-
Crescent (NY)	-	-	-	2,044	-	-	-	-	-	-	-
Fitzpatrick (NY)	-	-	-	-	432,445	-	-	-	-	-	-
Hinckley (NY)	-	-	-	1,435	-	-	-	-	-	-	-
Indian Point (NY)	-	-	-	-	655,618	-	-	-	-	-	-
Kensico (NY)	-	-	-	1,608	-	-	-	-	-	-	-
Lewiston (NY)	-	-	-	-35,467	-	-	-	-	-	-	-
Moses Niagara (NY)	-	-	-	1,154,781	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Power Authority Of The State Of NY											
Moses Power Dam (NY)	-	-	-	603,678	-	-	-	-	-	-	-
Vischer Ferry (NY)	-	-	-	-	-	-	-	-	-	-	-
Pratt City Of	-	2	5,359	-	-	-	-	*	79	-	2
Pratt (KS)	-	2	5,359	-	-	-	-	*	79	-	2
Preston Public Utilities Comm	-	-	-	-	-	-	-	-	-	-	*
Preston (MN)	-	-	-	-	-	-	-	-	-	-	*
Preston, Town Of Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Preston (IA)	-	-	-	-	-	-	-	-	-	-	-
Primghar Municipal Lt Plant	-	-	-	-	-	-	-	*	-	-	-
Primghar (IA)	-	-	-	-	-	-	-	-	-	-	-
Prince William Electric Coop	-	-	-	-	-	-	-	-	-	-	-
Whitesboro (TX)	-	-	-	-	-	-	-	-	-	-	-
Princeton Mun Pwr & Lt Plant	-	26	-	-	-	-	-	*	-	-	1
Princeton (MN)	-	26	-	-	-	-	-	*	-	-	1
Princeton Municipal Utilities	-	18	32	-	-	-	-	*	*	-	1
Princeton (IL)	-	18	32	-	-	-	-	*	*	-	1
Proctor Public Util Comm	-	1	1	-	-	-	-	*	*	-	*
Tecumseh (NE)	-	1	1	-	-	-	-	*	*	-	*
Providence Lt & Wtr	-	-	-	-	-	-	-	-	-	-	-
Providence (RI)	-	-	-	-	-	-	-	-	-	-	-
Provo City Corporation Dept Of Util	-	20	36	-	-	-	-	*	*	-	1
Provo (UT)	-	20	36	-	-	-	-	*	*	-	1
Public Serv Co Of Oklahoma (CSW)	553,196	11	864,095	-	-	-	320	*	8,348	632	2
Comanche (OK)	-	-	151,022	-	-	-	-	-	1,209	-	-
Northeastern (OK)	553,196	-	215,196	-	-	-	320	*	2,084	632	*
Riverside (OK)	-	-	398,081	-	-	-	-	*	3,994	-	1
Southwestern (OK)	-	-	99,122	-	-	-	-	*	1,050	-	1
Tulsa (OK)	-	-	-	-	-	-	-	-	-	-	*
Weleetka (OK)	-	11	674	-	-	-	-	*	11	-	*
Public Service Co Of Colorado	1,105,829	208	36,695	10,194	-	-	624	1	398	1,493	128
Alamosa (CO)	-	3	5	-	-	-	-	*	*	-	6
Arapahoe (CO)	81,831	-	708	-	-	-	45	-	9	119	-
Boulder Hydro (CO)	-	-	-	1,484	-	-	-	-	-	-	-
Cabin Creek (CO)	-	-	-	-4,761	-	-	-	-	-	-	-
Cameo (CO)	32,363	-	643	-	-	-	17	*	7	29	*
Cherokee (CO)	294,593	-	34,848	-	-	-	146	-	370	380	-
Comanche (CO)	301,686	320	61	-	-	-	189	1	1	447	4
Fort Lupton (CO)	-	-	205	-	-	-	-	-	7	-	10
Fruita (CO)	-	4	16	-	-	-	-	*	1	-	*
Georgetown Hydro (CO)	-	-	-	769	-	-	-	-	-	-	-
Palisade Hydro (CO)	-	-	-	991	-	-	-	-	-	-	-
Pawnee (CO)	274,983	77	-	-	-	-	174	*	-	425	7
Salida No. 1 Hydro (CO)	-	-	-	377	-	-	-	-	-	-	-
Salida No. 2 Hydro (CO)	-	-	-	343	-	-	-	-	-	-	-
Shoshone Hydro (CO)	-	-	-	10,991	-	-	-	-	-	-	-
Valmont (CO)	120,373	3	209	-	-	-	54	*	4	93	9
Zuni (CO)	-	-199	-	-	-	-	-	-	-	-	91
Public Service Co Of Ind, Inc	2,424,304	6,934	-	31,545	-	-	1,118	13	-	2,362	37
Cayuga (IN)	516,026	1,050	-	-	-	-	241	2	-	460	4
Connersville (IN)	-	821	-	-	-	-	-	2	-	-	8
Edwardsport (IN)	9,395	147	-	-	-	-	7	*	-	26	3

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

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 Service Co Of Ind, Inc											
Gallagher, R (IN)	138,252	993	-	-	-	-	69	2	-	208	2
Gibson (IN)	1,512,992	1,548	-	-	-	-	676	2	-	1,462	9
Markland (IN)	-	-	-	31,545	-	-	-	-	-	-	-
Miami Wabash (IN)	-	191	-	-	-	-	-	1	-	-	7
Noblesville (IN)	5,110	100	-	-	-	-	3	-	-	10	-
Wabash River (IN)	242,529	2,084	-	-	-	-	122	4	-	197	4
Public Service Co Of New											
Hampshire	303,989	199,508	-	34,199	677,790	-	115	350	-	372	311
Amoskeag (NH)	-	-	-	8,617	-	-	-	-	-	-	-
Ayers Island (NH)	-	-	-	4,236	-	-	-	-	-	-	-
Canaan (VT)	-	-	-	817	-	-	-	-	-	-	-
Eastman Falls (NH)	-	-	-	2,732	-	-	-	-	-	-	-
Garvins Falls (NH)	-	-	-	4,454	-	-	-	-	-	-	-
Gorham (NH)	-	-	-	1,268	-	-	-	-	-	-	-
Hooksett (NH)	-	-	-	593	-	-	-	-	-	-	-
Jackman (NH)	-	-	-	986	-	-	-	-	-	-	-
Lost Nation (NH)	-	71	-	-	-	-	-	-	-	-	2
Merrimack (NH)	288,316	298	-	-	-	-	108	1	-	242	3
Newington (NH)	-	157,793	-	-	-	-	-	262	-	-	2
Schiller (NH)	15,673	41,219	-	-	-	-	6	86	-	130	302
Seabrook (NH)	-	-	-	-	677,790	-	-	-	-	-	-
Smith (NH)	-	-	-	10,496	-	-	-	-	-	-	-
Swans Falls (ME)	-	37	-	-	-	-	-	-	-	-	-
White Lake (NH)	-	90	-	-	-	-	-	-	-	-	2
Public Service Co Of New											
Mexico	817,561	2,868	700	-	-	-	483	6	7	571	31
Las Vegas (NM)	-	-10	-	-	-	-	-	-	-	-	5
Person (NM)	-	-	-	-	-	-	-	-	-	-	-
Reeves (NM)	-	-	700	-	-	-	-	-	7	-	-
San Juan (NM)	817,561	2,878	-	-	-	-	483	6	-	571	26
Public Service Elec And Gas Co	633,337	99,745	645,321	-	1,015,387	-	235	214	7,465	552	1,093
Bayonne (NJ)	-	88	-	-	-	-	-	-	-	-	6
Bergen (NJ)	-	262	245,389	-	-	-	-	1	2,752	-	294
Burlington (NJ)	-	22,573	-	-	-	-	-	49	-	-	160
Edison (NJ)	-	2,550	36	-	-	-	-	6	-	-	46
Essex (NJ)	-	30	84,632	-	-	-	-	-	1,128	-	-
Hope Creek (NJ)	-	-	-	-	763,866	-	-	-	-	-	-
Hudson (NJ)	329,723	1,117	169,645	-	-	-	128	3	1,783	298	108
Kearny (NJ)	-	13,680	2,983	-	-	-	-	34	54	-	137
Linden (NJ)	-	54,307	6,028	-	-	-	-	109	101	-	235
Mercer (NJ)	303,614	493	26,480	-	-	-	107	2	247	254	17
National Park (NJ)	-	124	-	-	-	-	-	-	-	-	1
Salem (NJ)	-	234	-	-	251,521	-	-	1	-	-	11
Sewaren (NJ)	-	4,287	110,128	-	-	-	-	8	1,400	-	81
Puget Sound Power & Light											
Company	-	-43	548	69,255	-	-	-	-	7	-	208
Crystal Mountain (WA)	-	3	-	-	-	-	-	-	-	-	-
Election (WA)	-	-	-	15,573	-	-	-	-	-	-	-
Frederickson (WA)	-	-	275	-	-	-	-	-	3	-	95
Fredonia (WA)	-	-	-	-	-	-	-	-	-	-	50
Lower Baker (WA)	-	-	-	21,311	-	-	-	-	-	-	-
Nooksack (WA)	-	-	-	988	-	-	-	-	-	-	-
Shuffleton (WA)	-	-46	-	-	-	-	-	-	-	-	-
Snoqualmie (WA)	-	-	-	9,785	-	-	-	-	-	-	-
South Whidbey (WA)	-	-	-	-	-	-	-	-	-	-	5
Upper Baker (WA)	-	-	-	19,733	-	-	-	-	-	-	-
White River (WA)	-	-	-	1,865	-	-	-	-	-	-	-
Whitehorn (WA)	-	-	273	-	-	-	-	-	3	-	55
Radford Mun Power Plant	-	-	-	260	-	-	-	-	-	-	-
Radford (VA)	-	-	-	260	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Rantoul, Village Of, Lt & Pwr											
Dept	-	-	-	-	-	-	-	-	-	-	2
Rantoul (IL)	-	-	-	-	-	-	-	-	-	-	2
Raton Public Service Company ...	2,945	-	-	-	-	-	2	-	-	3	-
Raton (NM)	2,945	-	-	-	-	-	2	-	-	3	-
Rayne Elec Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Rayne (LA)	-	-	-	-	-	-	-	-	-	-	-
Red Bud City Of	-	13	-	-	-	-	-	*	-	-	2
Red Bud (IL)	-	13	-	-	-	-	-	*	-	-	2
Red Cloud City Of Mun Lt & Pwr	-	46	-	-	-	-	-	*	-	-	*
Red Cloud (NE)	-	46	-	-	-	-	-	*	-	-	*
Redding City Of	-	-	-	608	-	-	-	-	-	-	-
Whiskeytown (CA)	-	-	-	608	-	-	-	-	-	-	-
Redlands Water & Power Co	-	-	-	254	-	-	-	-	-	-	-
Redlands (CO)	-	-	-	254	-	-	-	-	-	-	-
Redwood Falls Pub Util Comm ...	-	91	-	151	-	-	-	*	-	-	1
Redwood Falls (MN)	-	91	-	151	-	-	-	*	-	-	1
Remsen Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Remsen (IA)	-	-	-	-	-	-	-	-	-	-	-
Rensselaer City Of Mun Power											
Plant	-	93	-	-	-	-	-	*	-	-	*
Rensselaer (IN)	-	93	-	-	-	-	-	*	-	-	*
Renwick Light & Power Plant	-	-	-	-	-	-	-	-	-	-	-
Renwick (IA)	-	-	-	-	-	-	-	-	-	-	-
Rich Hill City Of	-	-	-	-	-	-	-	-	-	-	-
Rich Hill (MO)	-	-	-	-	-	-	-	-	-	-	-
Richmond Power & Light	47,241	25	-	-	-	-	25	*	-	39	1
Whitewater Valley (WV)	47,241	25	-	-	-	-	25	*	-	39	1
River Falls Municipal Utilities	-	28	132	176	-	-	-	*	1	-	3
Junction (WI)	-	28	132	113	-	-	-	*	1	-	3
Powell Falls (WI)	-	-	-	63	-	-	-	-	-	-	-
Robstown City Of	-	211	2,991	-	-	-	-	*	38	-	6
Robstown (TX)	-	211	2,991	-	-	-	-	*	38	-	6
Rochelle Municipal Utilities	-	114	4,491	-	-	-	-	*	115	-	1
Rochelle No. 1 (IL)	-	114	826	-	-	-	-	*	9	-	1
Rochelle No. 2 (IL)	-	-	3,665	-	-	-	-	-	106	-	*
Rochester City Of Elec Dept	18,380	76	3,501	1,731	-	-	9	*	38	31	2
Cascade Creek (MN)	-	76	-	-	-	-	-	*	-	-	2
Rochester (MN)	-	-	-	1,731	-	-	-	-	-	-	-
Silver Lake (MN)	18,380	-	3,501	-	-	-	9	-	38	31	-
Rochester Gas & Elec Corp	190,612	347	323	2,937	348,305	-	76	1	5	154	4
Genoa (NY)	-	-	-	-	348,305	-	-	-	-	-	-
Station 160 (NY)	-	-	-	85	-	-	-	-	-	-	-
Station 170 (NY)	-	-	-	133	-	-	-	-	-	-	-
Station 172 (NY)	-	-	-	16	-	-	-	-	-	-	-
Station 2 (NY)	-	-	-	404	-	-	-	-	-	-	-
Station 26 (NY)	-	-	-	136	-	-	-	-	-	-	-
Station 3 (NY)	50,208	28	-	-	-	-	19	*	-	33	3
Station 5 (NY)	-	-	-	2,163	-	-	-	-	-	-	-
Station 7 (NY)	140,404	319	-	-	-	-	57	1	-	121	1
Station 9 (NY)	-	-	323	-	-	-	-	-	5	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Rock Port Bd Of Public Works	-	16	168	-	-	-	-	*	2	-	*
Rockport (MO)	-	16	168	-	-	-	-	*	2	-	*
Rock Rapids City Of (Util Div)	-	-	-	-	-	-	-	*	-	-	*
Rock Rapids (IA)	-	-	-	-	-	-	-	*	-	-	*
Rockford Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Rockford (IA)	-	-	-	-	-	-	-	-	-	-	-
Rockville Center El Lt Dept	-	501	6,995	-	-	-	-	2	75	-	2
Rockville (NY)	-	501	6,995	-	-	-	-	2	75	-	2
Roseau, Village Of	-	-5	-	-	-	-	-	-	-	-	*
Roseau (MN)	-	-5	-	-	-	-	-	-	-	-	*
Russell City Of	-	475	4,275	-	-	-	-	1	49	-	3
Russell (KS)	-	475	4,275	-	-	-	-	1	49	-	3
Ruston Water & Light Plant	-	-	16,031	-	-	-	-	-	181	-	-
Ruston (LA)	-	-	16,031	-	-	-	-	-	181	-	-
Sabetha City Of	-	476	597	-	-	-	-	1	8	-	1
Sabetha (KS)	-	476	597	-	-	-	-	1	8	-	1
Sacramento Municipal Utility Dist	-	-	1,712	166,640	-	89,499	-	-	24	-	2
Camino (CA)	-	-	-	40,958	-	-	-	-	-	-	-
Camp Far W (CA)	-	-	-	1,498	-	-	-	-	-	-	-
Coldwater Creek (CA)	-	-	-	-	-	36,604	-	-	-	-	-
Jaybird (CA)	-	-	-	63,733	-	-	-	-	-	-	-
Jones Fork (CA)	-	-	-	1,817	-	-	-	-	-	-	-
Loon Lake (CA)	-	-	-	7,644	-	-	-	-	-	-	-
McClellan (CA)	-	-	1,712	-	-	-	-	-	24	-	2
Rancho Seco (CA)	-	-	-	-	-	-	-	-	-	-	-
Robbs Peak (CA)	-	-	-	2,345	-	-	-	-	-	-	-
Slab Creek (CA)	-	-	-	287	-	-	-	-	-	-	-
Smudgeo (CA)	-	-	-	-	-	52,620	-	-	-	-	-
Solar (CA)	-	-	-	-	-	275	-	-	-	-	-
Union Valley (CA)	-	-	-	16,508	-	-	-	-	-	-	-
White Rock (CA)	-	-	-	31,850	-	-	-	-	-	-	-
Safe Harbor Water Power Corp ...	-	-	-	55,164	-	-	-	-	-	-	-
Safe Harbor (PA)	-	-	-	55,164	-	-	-	-	-	-	-
Salt River Proj Agri Imp Pwr Dist	1,852,728	5,403	69,077	44,628	-	-	910	9	694	2,116	642
* Central Storage *	-	-	-	-	-	-	-	-	-	-	42
Agua Fria (AZ)	-	-	5,807	-	-	-	-	-	87	-	246
Coronado (AZ)	344,842	1,597	-	-	-	-	190	3	-	407	16
Crosscut (AZ)	-	-4	-	-	-	-	-	-	-	-	2
Horse Mesa (AZ)	-	-	-	23,583	-	-	-	-	-	-	-
Kyrene (AZ)	-	-	852	-	-	-	-	-	19	-	144
Mormon Flat (AZ)	-	-	-	12,073	-	-	-	-	-	-	-
Navajo (AZ)	1,507,886	3,810	-	-	-	-	719	6	-	1,709	67
Roosevelt (AZ)	-	-	-	3,866	-	-	-	-	-	-	-
San Tan (AZ)	-	-	62,418	-	-	-	-	*	588	-	126
South Con (AZ)	-	-	-	-	-	-	-	-	-	-	-
Stewart Mtn (AZ)	-	-	-	5,106	-	-	-	-	-	-	-
San Antonio Public Service Bd	530,310	231	420,441	-	-	-	334	*	4,338	542	557
Braunig, V H (TX)	-	-	132,084	-	-	-	-	-	1,387	-	327
Deely, J T (TX)	530,310	178	-	-	-	-	334	*	-	542	-
Leon Creek (TX)	-	-	-223	-	-	-	-	-	*	-	2
Mission Road (TX)	-	-	-171	-	-	-	-	-	2	-	-
Sommers, O W (TX)	-	53	277,485	-	-	-	-	*	2,818	-	176
Tuttle, W B (TX)	-	-	11,266	-	-	-	-	-	131	-	52
San Diego Gas & Electric											
Company	-	6,889	468,419	-	-	-105	-	12	4,958	-	1,670
* Central Storage *	-	-	-	-	-	-	-	-	-	-	3

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
San Diego Gas & Electric											
Company											
Division (CA)	-	12	-	-	-	-	-	*	-	-	-
El Cajon (CA)	-	-	22	-	-	-	-	*	-	-	1
Encina (CA)	-	3,815	238,496	-	-	-	-	7	2,594	-	1,306
Heber (CA)	-	-	-	-	-	-105	-	-	-	-	-
Kearny (CA)	-	18	591	-	-	-	-	*	10	-	41
Miramar (CA)	-	3	1,129	-	-	-	-	*	19	-	3
Naval Station (CA)	-	-	443	-	-	-	-	-	4	-	10
Naval Training Cntr (CA)	-	-	81	-	-	-	-	-	1	-	1
North Island (CA)	-	19	418	-	-	-	-	*	5	-	1
Silver Gate (CA)	-	-	-	-	-	-	-	-	-	-	-
South Bay (CA)	-	3,022	227,334	-	-	-	-	5	2,315	-	303
Station B (CA)	-	-	-95	-	-	-	-	-	9	-	-
San Miguel Electric Coop	264,511	541	-	-	-	-	279	2	-	358	15
San Miguel (TX)	264,511	541	-	-	-	-	279	2	-	358	15
Sanborn Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Sanborn (IA)	-	-	-	-	-	-	-	-	-	-	-
Santa Clara City Of	-	-	4,715	940	-	-	-	-	84	-	2
Cogen Plant (CA)	-	-	3,790	-	-	-	-	-	70	-	-
Glanera (CA)	-	-	925	-	-	-	-	-	14	-	2
Highline (CA)	-	-	-	194	-	-	-	-	-	-	-
Stony Gorge (CA)	-	-	-	746	-	-	-	-	-	-	-
Sargent City Of	-	-	-	-	-	-	-	-	-	-	*
Sargent (NE)	-	-	-	-	-	-	-	-	-	-	*
Savannah Electric & Power Co	249,761	748	39,210	-	-	-	98	1	484	113	112
Boulevard (GA)	-	-	1,023	-	-	-	-	-	20	-	14
McIntosh (GA)	112,729	453	-	-	-	-	43	1	-	41	41
Port Wentworth (GA)	137,032	295	30,594	-	-	-	55	*	317	72	48
Riverside (GA)	-	-	7,593	-	-	-	-	-	126	-	9
Seaford Lt & Power	-	104	-	-	-	-	-	*	-	-	2
Seaford (DE)	-	104	-	-	-	-	-	*	-	-	2
Seattle Dept Of Lighting	-	-	-	368,041	-	-	-	-	-	-	-
Boundary (WA)	-	-	-	196,120	-	-	-	-	-	-	-
Cedar Falls (WA)	-	-	-	2,085	-	-	-	-	-	-	-
Diablo (WA)	-	-	-	56,717	-	-	-	-	-	-	-
Gorge (WA)	-	-	-	68,825	-	-	-	-	-	-	-
New Halem (WA)	-	-	-	-1	-	-	-	-	-	-	-
Ross Dam (WA)	-	-	-	44,295	-	-	-	-	-	-	-
Sebewaing Lt & Wtr Dept	-	-	-	-	-	-	-	-	-	-	1
Main Street (MI)	-	-	-	-	-	-	-	-	-	-	1
Pine Street (MI)	-	-	-	-	-	-	-	-	-	-	-
Sebring Utilities Commission	-	6,933	851	-	-	-	-	21	11	-	48
S Dinner Lk (FL)	-	-	851	-	-	-	-	-	11	-	-
S Phillips (FL)	-	6,588	-	-	-	-	-	20	-	-	47
Sebring (FL)	-	345	-	-	-	-	-	1	-	-	1
Sequin City Of	-	1	-	95	-	-	-	*	-	-	*
Sequin (TX)	-	1	-	95	-	-	-	*	-	-	*
Seminole Electric Coop Inc	833,716	1,592	-	-	-	-	357	2	-	386	8
Seminole (FL)	833,716	1,592	-	-	-	-	357	2	-	386	8
Seneca Hydroelectric Company											
Inc	-	-	-	136	-	-	-	-	-	-	-
Seneca (NY)	-	-	-	136	-	-	-	-	-	-	-
Seward Electric System	-	-	-	-	-	-	-	-	-	-	-
Schoonmaker (AK)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Sharon Spring City Of	-	-	4	-	-	-	-	*	*	-	*
Sharon Spring (KS)	-	-	4	-	-	-	-	*	*	-	*
Shelby Mun Light Plant	6,334	-	19	-	-	-	5	-	*	13	*
Shelby (OH)	6,334	-	19	-	-	-	5	-	*	13	*
Sho Me Power Cooperative	-	-	-	589	-	-	-	-	-	-	-
Niangua (MO)	-	-	-	589	-	-	-	-	-	-	-
Shrewsbury El Lt Plant	-	275	-	-	-	-	-	1	-	-	2
Shrewsbury (MA)	-	275	-	-	-	-	-	1	-	-	2
Sibley Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Sibley (IA)	-	-	-	-	-	-	-	-	-	-	-
Sidney City Of (Electric Util)	-	6	31	-	-	-	-	*	*	-	1
Sidney (NE)	-	6	31	-	-	-	-	*	*	-	1
Sierra Pacific Power Company ...	253,885	470	200,778	2,863	-	-	126	2	2,104	334	310
Battle Mt (NV)	-	-29	-	-	-	-	-	-	-	-	-
Brunswick (NV)	-	-15	-	-	-	-	-	*	-	-	*
Elko (NV)	-	-8	-	-	-	-	-	-	-	-	*
Fallon (NV)	-	-	-1	-	-	-	-	-	-	-	-
Farad (CA)	-	-	-	166	-	-	-	-	-	-	-
Fleish (NV)	-	-	-	944	-	-	-	-	-	-	-
Fort Churchill (NV)	-	-	118,768	-	-	-	-	-	1,232	-	129
Gabbs (NV)	-	-9	-	-	-	-	-	*	-	-	1
Kings Beach (CA)	-	-15	-	-	-	-	-	*	-	-	1
Lahontan (NV)	-	-	-	619	-	-	-	-	-	-	-
North Valmy (NV)	253,885	402	-	-	-	-	126	1	-	334	3
Portola (CA)	-	-9	-	-	-	-	-	*	-	-	*
Tracy (NV)	-	179	81,931	-	-	-	-	1	869	-	176
Valley Road (NV)	-	-22	-	-	-	-	-	*	-	-	*
Verdi (NV)	-	-	-	694	-	-	-	-	-	-	-
Washoe (NV)	-	-	-	-2	-	-	-	-	-	-	-
Winnemucca (NV)	-	-	80	-	-	-	-	-	3	-	*
26 Foot Drop (NV)	-	-	-	442	-	-	-	-	-	-	-
Sikeston Bd Of Mun Utilities	157,499	109	-	-	-	-	74	*	-	113	4
Coleman, E. P. (MO)	-	9	-	-	-	-	-	*	-	-	*
Sikeston (MO)	157,499	100	-	-	-	-	74	*	-	113	4
Sioux Center Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Sioux Center (IA)	-	-	-	-	-	-	-	-	-	-	-
Sioux Falls Mun Lt & Pwr Dept ...	-	-	-	-	-	-	-	-	-	-	-
Sioux Falls (SD)	-	-	-	-	-	-	-	-	-	-	-
Sitka City Of (Electric Dept)	-	67	-	6,935	-	-	-	*	-	-	4
Blue Lake (AK)	-	-	-	3,724	-	-	-	-	-	-	-
Green Lake (AK)	-	-	-	3,211	-	-	-	-	-	-	-
Halibut Point (AK)	-	-	-	-	-	-	-	-	-	-	-
Indian River (AK)	-	67	-	-	-	-	-	*	-	-	4
Skaneateles City Of	-	-	-	-	-	-	-	-	-	-	-
Skaneateles (NY)	-	-	-	-	-	-	-	-	-	-	-
Sleepy Eye Public Util Comm	-	-	-	-	-	-	-	-	-	*	1
Sleepy Eye (MN)	-	-	-	-	-	-	-	-	-	*	1
Soda Springs City Of	-	-	-	116	-	-	-	-	-	-	-
Soda Springs (ID)	-	-	-	116	-	-	-	-	-	-	-
South Beloit Wtr Gas & Elec Co ...	-	-	-	350	-	-	-	-	-	-	-
Rockton (IL)	-	-	-	350	-	-	-	-	-	-	-
South Carolina Electric & Gas Co	1,082,804	2,038	193,555	4,656	652,760	-	431	3	1,832	1,018	221
Burton (SC)	-	-	397	-	-	-	-	-	9	-	1

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
South Carolina Electric & Gas Co											
Canadys (SC)	125,863	93	91,411	-	-	-	57	*	848	213	3
Coit (SC)	-	-	845	-	-	-	-	-	16	-	2
Columbia Hydro (SC)	-	-	-	2,477	-	-	-	-	-	-	-
Faber Place (SC)	-	-	82	-	-	-	-	-	2	-	-
Fairfield County (SC)	-	-	-	-27,153	-	-	-	-	-	-	-
Hagood (SC)	-	-	182	-	-	-	-	-	4	-	11
Hardeeville (SC)	-	13	-	-	-	-	-	-	-	-	1
Momeekin (SC)	135,057	-	32,022	-	-	-	50	-	306	127	3
Neal Shoals (SC)	-	-	-	1,589	-	-	-	-	-	-	-
Parr (SC)	-	-	1,624	-	-	-	-	-	23	-	6
Parr Hydro (SC)	-	-	-	3,995	-	-	-	-	-	-	-
Saluda Hydro (SC)	-	-	-	14,998	-	-	-	-	-	-	-
Stevens Creek Hydro (GA)	-	-	-	8,750	-	-	-	-	-	-	-
Urquhart (SC)	103,870	9	65,262	-	-	-	45	*	586	125	1
V. C. Summer (SC)	-	-	-	-	652,760	-	-	-	-	-	-
Wateree (SC)	384,411	1,923	-	-	-	-	155	3	-	255	3
Williams (SC)	333,603	-	1,730	-	-	-	124	-	38	297	190
Williams (SC)	-	-	-	-	-	-	-	-	-	-	-
South Carolina Public Service											
Auth	1,187,390	4,768	-	22,338	-	-	482	8	-	682	110
Cross (SC)	340,950	17	-	-	-	-	123	*	-	204	4
Grainger, Dolphus M (SC)	88,058	62	-	-	-	-	36	*	-	22	*
Hilton Head (SC)	-	547	-	-	-	-	-	1	-	-	22
Jefferies (SC)	148,060	2,435	-	16,635	-	-	61	3	-	98	51
Myrtle Beach (SC)	-	457	-	-	-	-	-	2	-	-	23
Spillway (SC)	-	-	-	671	-	-	-	-	-	-	-
St. Stephen (SC)	-	-	-	5,032	-	-	-	-	-	-	-
Winyah (SC)	610,322	1,250	-	-	-	-	262	2	-	358	9
South Mississippi Elec Pwr Assn	241,298	241	77,003	-	-	-	100	*	942	223	50
Benndale (MS)	-	-	448	-	-	-	-	-	7	-	-
Morrow (MS)	241,298	241	-	-	-	-	100	*	-	223	9
Moselle (MS)	-	-	76,555	-	-	-	-	-	936	-	40
Paulding (MS)	-	-	-	-	-	-	-	-	-	-	1
South Norwalk Elec Wks, The	-	145	-	-	-	-	-	*	-	-	1
South Norwalk (CT)	-	145	-	-	-	-	-	*	-	-	1
South Texas Elec Coop, Inc	-	-	765	-	-	-	-	-	22	-	-
Rayburn, Sam (TX)	-	-	765	-	-	-	-	-	22	-	-
Southern California Edison											
Company	844,874	3,464	2,345,121	246,678	844,504	-	674	7	22,749	396	7,194
* Central Storage *	-	-	-	-	-	-	-	-	-	-	3,591
Alamitos (CA)	-	45	572,157	-	-	-	-	*	5,471	-	789
Baker Dam (CA)	-	-	-	-	-	-	-	-	-	-	-
Balsam Meadow (CA)	-	-	-	12,518	-	-	-	-	-	-	-
Big Creek 1 (CA)	-	-	-	28,422	-	-	-	-	-	-	-
Big Creek 2 (CA)	-	-	-	23,562	-	-	-	-	-	-	-
Big Creek 2a (CA)	-	-	-	35,143	-	-	-	-	-	-	-
Big Creek 3 (CA)	-	-	-	43,690	-	-	-	-	-	-	-
Big Creek 4 (CA)	-	-	-	21,610	-	-	-	-	-	-	-
Big Creek 8 (CA)	-	-	-	21,480	-	-	-	-	-	-	-
Bishop Creek 2 (CA)	-	-	-	3,251	-	-	-	-	-	-	-
Bishop Creek 3 (CA)	-	-	-	2,941	-	-	-	-	-	-	-
Bishop Creek 4 (CA)	-	-	-	3,999	-	-	-	-	-	-	-
Bishop Creek 5 (CA)	-	-	-	1,553	-	-	-	-	-	-	-
Bishop Creek 6 (CA)	-	-	-	970	-	-	-	-	-	-	-
Borel (CA)	-	-	-	-2	-	-	-	-	-	-	-
Cool Water (CA)	-	467	240,375	-	-	-	-	1	2,390	-	423
El Segundo (CA)	-	-	207,692	-	-	-	-	-	2,072	-	290
Ellwood (CA)	-	4	204	-	-	-	-	*	3	-	4
Etiwanda (CA)	-	-	116,504	-	-	-	-	-	1,235	-	609
Fontana (CA)	-	-	-	169	-	-	-	-	-	-	-
Highgrove (CA)	-	-	-64	-	-	-	-	-	2	-	43
Huntington Beach (CA)	-	14	126,235	-	-	-	-	*	1,217	-	191

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Southern California Edison											
Company											
Kaweah 1 (CA)	-	-	-	477	-	-	-	-	-	-	-
Kaweah 2 (CA)	-	-	-	117	-	-	-	-	-	-	-
Kaweah 3 (CA)	-	-	-	-	-	-	-	-	-	-	-
Kern River 1 (CA)	-	-	-	13,092	-	-	-	-	-	-	-
Kern River 3 (CA)	-	-	-	196	-	-	-	-	-	-	-
Long Beach (CA)	-	-	74,523	-	-	-	-	-	797	-	124
Lundy (CA)	-	-	-	422	-	-	-	-	-	-	-
Lytle Creek (CA)	-	-	-	68	-	-	-	-	-	-	-
Mammoth Pool (CA)	-	-	-	22,550	-	-	-	-	-	-	-
Mandalay (CA)	-	650	170,295	-	-	-	-	2	1,651	-	244
Mill Creek 1 (CA)	-	-	-	209	-	-	-	-	-	-	-
Mill Creek 2&3 (CA)	-	-	-	-	-	-	-	-	-	-	-
Mill Creek 3 (CA)	-	-	-	464	-	-	-	-	-	-	-
Mohave (NV)	844,874	-	10,585	-	-	-	674	-	172	396	-
Ontario 1 (CA)	-	-	-	173	-	-	-	-	-	-	-
Ontario 2 (CA)	-	-	-	66	-	-	-	-	-	-	-
Ormond Beach (CA)	-	-	443,929	-	-	-	-	-	4,235	-	526
Pebbly Beach (CA)	-	2,284	-	-	-	-	-	4	-	-	4
Poole (CA)	-	-	-	621	-	-	-	-	-	-	-
Portal (CA)	-	-	-	5,396	-	-	-	-	-	-	-
Redondo Beach (CA)	-	-	372,369	-	-	-	-	-	3,386	-	286
Rush Creek (CA)	-	-	-	3,032	-	-	-	-	-	-	-
San Bernardino (CA)	-	-	10,317	-	-	-	-	-	117	-	72
San Geronio (CA)	-	-	-	49	-	-	-	-	-	-	-
San Geronio (CA)	-	-	-	-	-	-	-	-	-	-	-
San Onofre (CA)	-	-	-	-	844,504	-	-	-	-	-	-
Santa Ana 1 (CA)	-	-	-	226	-	-	-	-	-	-	-
Santa Ana 2 (CA)	-	-	-	108	-	-	-	-	-	-	-
Santa Ana 3 (CA)	-	-	-	-4	-	-	-	-	-	-	-
Sierra (CA)	-	-	-	110	-	-	-	-	-	-	-
Tule River (CA)	-	-	-	-	-	-	-	-	-	-	-
Wind (CA)	-	-	-	-	-	-	-	-	-	-	-
Southern Illinois Power Coop	98,464	175	-	-	-	-	58	*	-	343	3
Marion (IL)	98,464	175	-	-	-	-	58	*	-	343	3
Southern Indiana Gas & Electric											
Co	516,003	614	1,988	-	-	-	246	1	28	481	3
A. B. Brown (IN)	219,818	462	-	-	-	-	103	1	-	182	2
Broadway (IN)	-	-	1,335	-	-	-	-	-	20	-	1
Culley (IN)	231,060	152	189	-	-	-	112	*	2	116	*
Northeast (IN)	-	-	195	-	-	-	-	-	4	-	-
Warrick (IN)	65,125	-	269	-	-	-	31	-	3	183	-
Southwest Public Power District											
Palisade (NE)	-	-	-	-	-	-	-	-	-	-	-
Southwestern Elec Power Co											
(CSW)	1,396,946	830	245,875	-	-	-	978	2	2,560	3,147	126
Arsenal Hill (LA)	-	-	4,781	-	-	-	-	-	43	-	-
Flint Creek (AR)	272,336	146	-	-	-	-	182	1	-	505	15
Knox Lee (TX)	-	-	71,679	-	-	-	-	-	688	-	66
Lieberman (LA)	-	-	54,111	-	-	-	-	-	557	-	8
Lone Star (TX)	-	-	-	-	-	-	-	-	-	-	14
Pirkey (TX)	322,833	-	425	-	-	-	272	-	5	379	13
Welsh (TX)	801,777	684	-	-	-	-	525	1	-	2,264	7
Wilkes (TX)	-	-	114,879	-	-	-	-	-	1,267	-	4
Southwestern Public Service Co											
(CSW)	1,316,490	181	380,394	-	-	25,483	747	*	3,814	977	67
Carlsbad (NM)	-	-	-	-	-	-	-	-	-	-	-
Celanese (TX)	-	-	-	-	-	25,483	-	-	-	-	-
Cunningham (NM)	-	-	131,950	-	-	-	-	-	1,292	-	-
Harrington (TX)	661,251	-	268	-	-	-	380	-	3	537	-
Jones (TX)	-	-	117,602	-	-	-	-	-	1,188	-	48
Maddox (NM)	-	-	69,823	-	-	-	-	-	685	-	-
Nichols (TX)	-	147	23,975	-	-	-	-	*	258	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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											
Plant X (TX)	-	-	36,224	-	-	-	-	-	383	-	18
Tolk Station (TX)	655,239	-	552	-	-	-	368	-	5	440	-
Tucumcari (NM)	-	34	-	-	-	-	-	*	-	-	1
Spalding Mun Lt & Pwr Co	-	-	-	51	-	-	-	-	-	-	*
Spalding (NE)	-	-	-	51	-	-	-	-	-	-	*
Spartanburg City Of	-	-	-	3	-	-	-	-	-	-	-
Spartanburg (SC)	-	-	-	3	-	-	-	-	-	-	-
Spencer Municipal Utilities	-	56	-	-	-	-	-	*	-	-	14
Spencer (IA)	-	56	-	-	-	-	-	*	-	-	14
Spokane City Of (Water Division)	-	-	-	-	-	-	-	-	-	-	-
Upriver (WA)	-	-	-	-	-	-	-	-	-	-	-
Spring Valley City Of	-	-	-	-	-	-	-	-	-	-	*
Spring Valley (MN)	-	-	-	-	-	-	-	-	-	-	*
Springfield City Of	170,246	415	-	-	-	-	96	1	-	75	9
Dallman (IL)	162,529	149	-	-	-	-	90	*	-	73	-
Factory (IL)	-	149	-	-	-	-	-	*	-	-	4
Lakeside (IL)	7,717	105	-	-	-	-	5	*	-	2	3
Reynolds (IL)	-	12	-	-	-	-	-	*	-	-	2
Springfield City Of	-	-	-	-	-	-	-	-	-	-	-
Springfield (CO)	-	-	-	-	-	-	-	-	-	-	-
Springfield Public Utilities	-	-	-	-	-	-	-	-	-	-	1
Springfield (MN)	-	-	-	-	-	-	-	-	-	-	1
Springfield Utilities	178,115	62	73,501	-	-	-	84	*	921	160	8
James River (MO)	61,457	-	66,457	-	-	-	32	-	819	99	3
Main Street (MO)	-	5	-	-	-	-	-	*	-	-	1
Southwest (MO)	116,658	57	7,044	-	-	-	52	*	103	61	4
Springville Electric System	-	-	-	39	-	-	-	-	-	-	-
Springville (NY)	-	-	-	39	-	-	-	-	-	-	-
Springville Municipal Corporation	-	1	1	154	-	-	-	*	*	-	*
Bartholomew (UT)	-	-	-	130	-	-	-	-	-	-	-
Hobble Creek (UT)	-	-	-	23	-	-	-	-	-	-	-
Spring Creek (UT)	-	-	-	1	-	-	-	-	-	-	-
Whitehead (UT)	-	1	1	-	-	-	-	*	*	-	*
St Cloud Public Utilities	-	661	4,060	-	-	-	-	1	46	-	2
St Cloud (FL)	-	661	4,060	-	-	-	-	1	46	-	2
St Francis City Of	-	1	-	-	-	-	-	*	-	-	*
St Francis (KS)	-	1	-	-	-	-	-	*	-	-	*
St George City Corp Util											
Commission	-	611	-	-	-	-	-	1	-	-	1
Gunlock Hydro (UT)	-	-	-	-	-	-	-	-	-	-	-
No 2 Diesel (ID)	-	586	-	-	-	-	-	*	-	-	1
St. George (UT)	-	25	-	-	-	-	-	*	-	-	*
St John City Of	-	37	312	-	-	-	-	*	4	-	*
St John (KS)	-	37	312	-	-	-	-	*	4	-	*
St Joseph Light & Power Co	19,661	221	3,765	-	-	-	10	1	63	30	55
Lake Road (MO)	19,661	221	3,765	-	-	-	10	1	63	30	55
St Louis Electric Utility	-	-	-	-	-	-	-	-	-	-	1
Saint Louis (MI)	-	-	-	-	-	-	-	-	-	-	1
St Marys Mun Lt & Pwr Plant	4,918	-	-	-	-	-	3	*	-	1	*
Saint Marys (OH)	4,918	-	-	-	-	-	3	*	-	1	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Stafford City Of	-	26	308	-	-	-	-	*	5	-	*
Stafford (KS)	-	26	308	-	-	-	-	*	5	-	*
Stanberry Power Co	-	-	-	-	-	-	-	-	-	-	-
Stanberry (MO)	-	-	-	-	-	-	-	-	-	-	-
Starke Mun Lt & Wtr Plant	-	50	374	-	-	-	-	*	6	-	1
Stark (FL)	-	50	374	-	-	-	-	*	6	-	1
State Center Mun Lt Plant	-	24	43	-	-	-	-	*	1	-	*
State Center (IA)	-	24	43	-	-	-	-	*	1	-	*
Sterling City Of	-	184	1,306	-	-	-	-	*	14	-	2
Sterling (KS)	-	184	1,306	-	-	-	-	*	14	-	2
Stillwater City Of	-	-	-	-	-	-	-	-	-	-	1
Boomer Lake (OK)	-	-	-	-	-	-	-	-	-	-	1
Stockton City Of	-	4	66	-	-	-	-	*	1	-	*
Stockton (KS)	-	4	66	-	-	-	-	*	1	-	*
Story City Mun Elec Utility	-	-	-	-	-	-	-	-	-	-	-
Story City (IA)	-	-	-	-	-	-	-	-	-	-	-
Strawberry Point Lt & Wtr Dept ..	-	10	1	-	-	-	-	*	*	-	*
Strawberry Point (IA)	-	10	1	-	-	-	-	*	*	-	*
Strawberry Water Users Assoc ...	-	-	-	1,038	-	-	-	-	-	-	-
Payson (UT)	-	-	-	127	-	-	-	-	-	-	-
Spanish Fork (UT)	-	-	-	909	-	-	-	-	-	-	-
Stuart Light & Power Plant	-	-	-	-	-	-	-	-	-	-	*
Stuart (NE)	-	-	-	-	-	-	-	-	-	-	*
Stuart Light & Power System	-	-	45	-	-	-	-	*	5	-	*
Stuart (IA)	-	-	45	-	-	-	-	*	5	-	*
Sturgis City Of	-	5	15	70	-	-	-	*	2	-	1
Centerville (MI)	-	-	-	70	-	-	-	-	-	-	-
Sturgis (MI)	-	5	15	-	-	-	-	*	2	-	1
Sullivan City Of	-	211	3,132	-	-	-	-	*	31	-	2
Sullivan (IL)	-	211	3,132	-	-	-	-	*	31	-	2
Summer Municipal Light Dept	-	2	17	-	-	-	-	*	*	-	2
Summer (IA)	-	2	17	-	-	-	-	*	*	-	2
Sunflower Electric Coop	207,255	-	2,234	-	-	-	125	-	28	98	-
Garden City (KS)	-	-	1,881	-	-	-	-	-	24	-	-
Holcomb (KA)	207,255	-	353	-	-	-	125	-	4	98	-
Superior Water Lt & Pwr Co.	-	-	-	-	-	-	-	-	-	-	-
Winslow (WI)	-	-	-	-	-	-	-	-	-	-	-
Swans Island Electric Coop, Inc ..	-	-	-	-	-	-	-	-	-	-	*
Minturn (ME)	-	-	-	-	-	-	-	-	-	-	*
Swanton Electric Department	-	-	-	1,912	-	-	-	-	-	-	-
Higate Falls (VT)	-	-	-	1,912	-	-	-	-	-	-	-
System Energy Resources	-	-	-	-	803,919	-	-	-	-	-	-
Grand Gulf (MS)	-	-	-	-	803,919	-	-	-	-	-	-
Tacoma Dept Of Pub Util (Light Div)	-	-	-	168,294	-	-	-	-	-	-	-
Alder (WA)	-	-	-	16,513	-	-	-	-	-	-	-
Cushman 1 (WA)	-	-	-	3,102	-	-	-	-	-	-	-
Cushman 2 (WA)	-	-	-	6,432	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Tacoma Dept Of Pub Util (Light Div)											
La Grande (WA)	-	-	-	25,755	-	-	-	-	-	-	-
Mayfield (WA)	-	-	-	41,219	-	-	-	-	-	-	-
Mossyrock (WA)	-	-	-	75,273	-	-	-	-	-	-	-
Tallahassee City Of	-	29,184	115, 67	10	-	-	-	45	1,301	-	277
Hopkins, Arvoh B (FL)	-	29,184	103, P.39	-	-	-	-	45	1,148	-	190
Jackson Bluff (FL)	-	-	-	10	-	-	-	-	-	-	-
Purdom, S O (FL)	-	-	11,198	-	-	-	-	-	153	-	87
Tampa Electric Company	1,340,929	14,255	-	-	-	-	567	32	-	1,944	49
Central Storage	-	-	-	-	-	-	-	-	-	1,147	-
Big Bend (FL)	719,241	11,242	-	-	-	-	303	27	-	603	47
Gannon, F J (FL)	621,688	3,013	-	-	-	-	264	5	-	194	3
Hookers Point (FL)	-	-	-	-	-	-	-	-	-	-	-
Tapoco, Inc	-	-	-	193,079	-	-	-	-	-	-	-
Calderwood (TN)	-	-	-	82,048	-	-	-	-	-	-	-
Cheoah (NC)	-	-	-	74,910	-	-	-	-	-	-	-
Chilhowee (TN)	-	-	-	23,398	-	-	-	-	-	-	-
Santeetlah (NC)	-	-	-	12,725	-	-	-	-	-	-	-
Taunton Mun Lighting Plant	-	2,807	22,696	-	-	-	-	6	254	-	51
Cleary, B F (MA)	-	2,807	22,696	-	-	-	-	6	254	-	51
Tennessee Valley Authority	7,795,900	19,354	16,761	1,314,215	1,439,872	-	3,331	32	238	6,624	455
Allen (TN)	333,893	531	8,126	-	-	-	137	1	113	162	130
Apalachia (TN)	-	-	-	50,197	-	-	-	-	-	-	-
Blue Ridge (GA)	-	-	-	5,427	-	-	-	-	-	-	-
Boone (TN)	-	-	-	15,685	-	-	-	-	-	-	-
Browns Ferry (AL)	-	-	-	-	-9,229	-	-	-	-	-	-
Bull Run (TN)	506,252	3,270	-	-	-	-	205	4	-	218	4
Chatuge (NC)	-	-	-	4,134	-	-	-	-	-	-	-
Cherokee (TN)	-	-	-	58,177	-	-	-	-	-	-	-
Chickamauga (TN)	-	-	-	85,992	-	-	-	-	-	-	-
Colbert (AL)	643,295	2,110	8,635	-	-	-	276	3	125	548	92
Cumberland (TN)	1,240,278	4,328	-	-	-	-	544	6	-	1,844	9
Douglas (TN)	-	-	-	54,078	-	-	-	-	-	-	-
Fontana (NC)	-	-	-	143,332	-	-	-	-	-	-	-
Fort Loudoun (TN)	-	-	-	102,385	-	-	-	-	-	-	-
Fort Patrick Henry (TN)	-	-	-	9,094	-	-	-	-	-	-	-
Gallatin (TN)	639,527	725	-	-	-	-	254	1	-	132	43
Great Falls (TN)	-	-	-	147	-	-	-	-	-	-	-
Guntersville (AL)	-	-	-	67,861	-	-	-	-	-	-	-
Hiwassee (NC)	-	-	-	28,917	-	-	-	-	-	-	-
Johnsonville (TN)	571,526	3,541	-	-	-	-	280	9	-	334	162
Kentucky (KY)	-	-	-	95,485	-	-	-	-	-	-	-
Kingston (TN)	840,516	749	-	-	-	-	328	1	-	518	4
Mellon Hill (TN)	-	-	-	12,414	-	-	-	-	-	-	-
Nickajack (TN)	-	-	-	64,959	-	-	-	-	-	-	-
Norris (TN)	-	-	-	42,931	-	-	-	-	-	-	-
Nottely (GA)	-	-	-	5,201	-	-	-	-	-	-	-
Ocoee 1 (TN)	-	-	-	-16	-	-	-	-	-	-	-
Ocoee 2 (TN)	-	-	-	-30	-	-	-	-	-	-	-
Ocoee 3 (TN)	-	-	-	17,504	-	-	-	-	-	-	-
Paradise (KY)	1,247,415	1,274	-	-	-	-	542	2	-	1,683	5
Pickwick (TN)	-	-	-	103,122	-	-	-	-	-	-	-
Raccoon Mountain (TN)	-	-	-	-51,519	-	-	-	-	-	-	-
Sequoyah (TN)	-	-	-	-	1,449,101	-	-	-	-	-	-
Sevier, John (TN)	470,761	233	-	-	-	-	177	-	-	500	1
Shawnee (KY)	534,801	1,559	-	-	-	-	240	2	-	440	1
South Holston (TN)	-	-	-	13,165	-	-	-	-	-	-	-
Tims Ford (TN)	-	-	-	-	-	-	-	-	-	-	-
Watauga (TN)	-	-	-	15,188	-	-	-	-	-	-	-
Watts Bar (TN)	-167	-	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	98,460	-	-	-	-	-	-	-
Wheeler (AL)	-	-	-	93,240	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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											
Widows Creek (AL)	767,803	1,034	-	-	-	-	348	2	-	245	2
Wilbur (TN)	-	-	-	2,712	-	-	-	-	-	-	-
Wilson (AL)	-	-	-	175,973	-	-	-	-	-	-	-
Texas Municipal Power Agency ...	297,496	2	-	-	-	-	355	*	-	96	11
Gibbons Creek (TX)	297,496	2	-	-	-	-	355	*	-	96	11
Texas Utils Electric Co (TU)	3,673,537	2,138	4,203,694	-	469,846	-	3,193	7	47,668	1,401	2,119
Big Brown (TX)	663,658	-	7,081	-	-	-	571	-	124	207	-
Collin (TX)	-	-	40,553	-	-	-	-	-	424	-	51
Comanche Peak (TX)	-	-	-	-	469,846	-	-	-	-	-	-
Dallas (TX)	-	-	14,369	-	-	-	-	-	209	-	36
De Cordova (TX)	-	1	428,972	-	-	-	-	*	4,079	-	140
Eagle Mountain (TX)	-	-	132,347	-	-	-	-	-	1,559	-	59
Graham (TX)	-	-	287,107	-	-	-	-	-	2,697	-	42
Handley (TX)	-	-	316,979	-	-	-	-	-	3,462	-	257
Lake Creek (TX)	-	-	72,593	-	-	-	-	*	749	-	134
Lake Hubbard (TX)	-	-	365,410	-	-	-	-	-	3,420	-	199
Martin Lake (TX)	1,513,565	564	-	-	-	-	1,226	2	-	695	21
Monticello (TX)	1,179,506	649	-	-	-	-	1,105	2	-	499	29
Morgan Creek (TX)	-	-	389,887	-	-	-	-	-	3,918	-	205
Mountain Creek (TX)	-	-	244,536	-	-	-	-	-	7,400	-	115
North Lake (TX)	-	-	270,778	-	-	-	-	-	2,854	-	185
North Main (TX)	-	-	12,319	-	-	-	-	-	156	-	16
Parkdale (TX)	-	-	76,848	-	-	-	-	-	969	-	58
Permian Basin (TX)	-	-	303,943	-	-	-	-	-	3,031	-	160
River Crest (TX)	-	-	4,089	-	-	-	-	-	58	-	39
Sandow (TX)	316,808	924	-	-	-	-	291	3	-	-	-
Stryker Creek (TX)	-	-	145,527	-	-	-	-	*	1,492	-	69
Tradinghouse Creek (TX)	-	-	666,621	-	-	-	-	-	6,732	-	143
Trinidad (TX)	-	-	64,626	-	-	-	-	*	662	-	37
Valley (TX)	-	-	359,109	-	-	-	-	-	3,672	-	123
Texas-New Mexico Power Co	75,458	-	650	-	-	-	60	-	11	79	-
Lordsburg (NM)	-	-	-	-	-	-	-	-	-	-	-
TNP One (TX)	75,458	-	650	-	-	-	60	-	11	79	-
Thief River Falls Wtr & Lt Dept ...	-	-	-	5	-	-	-	-	-	-	*
Thief River Falls (MN)	-	-	-	5	-	-	-	-	-	-	*
Thumb Elec Coop Of Michigan ...	-	-	-	-	-	-	-	-	-	-	1
Caro (MI)	-	-	-	-	-	-	-	-	-	-	1
Udly (MI)	-	-	-	-	-	-	-	-	-	-	1
Toledo Edison Company	332,857	782	70	-	631,843	-	124	2	1	174	9
Acme (OH)	13,001	334	70	-	-	-	7	1	1	28	2
Bay Shore (OH)	319,856	448	-	-	-	-	117	1	-	145	2
Davis-Besse (OH)	-	-	-	-	631,843	-	-	-	-	-	-
Richland (OH)	-	-	-	-	-	-	-	-	-	-	3
Stryker (OH)	-	-	-	-	-	-	-	*	-	-	1
Traer Municipal Utilities	-	48	4	-	-	-	-	*	*	-	*
Traer (IA)	-	48	4	-	-	-	-	*	*	-	*
Traverse City Of	8,031	-	-	1,060	-	-	4	-	-	29	-
Bayside (MI)	8,031	-	-	-	-	-	4	-	-	29	-
Boardman (MI)	-	-	-	570	-	-	-	-	-	-	-
Brown Bridge (MI)	-	-	-	298	-	-	-	-	-	-	-
Elk Rapids (MI)	-	-	-	192	-	-	-	-	-	-	-
Sabin (MI)	-	-	-	-	-	-	-	-	-	-	-
Trenton Light & Power Plant	-	-	-	-	-	-	-	-	-	-	-
Trenton (NE)	-	-	-	-	-	-	-	-	-	-	-
Trenton Municipal Utilities	-	201	-	-	-	-	-	*	-	-	2
Trenton (MO)	-	2	-	-	-	-	-	*	-	-	1
Trenton PKG (MO)	-	199	-	-	-	-	-	*	-	-	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Tri State Gen & Trans Assn, Inc.. Burlington (CO)	-	-	-	-	-	-	-	-	-	-	16
Trinidad Mun Pwr & Lt Dept	-	-	-	-	-	-	-	-	-	1	1
Trinidad (CO)	-	-	-	-	-	-	-	-	-	1	1
Truman Public Util Comm	-	-	2	-	-	-	-	*	*	-	*
Truman (MN)	-	-	2	-	-	-	-	*	*	-	*
Tucson Gas & Electric Company	56,220	-	13,931	-	-	-	28	-	182	115	17
De Moss Petrie (AZ)	-	-	106	-	-	-	-	-	3	-	3
Irvington (AZ)	56,220	-	13,696	-	-	-	28	-	176	115	7
North Loop (AZ)	-	-	129	-	-	-	-	-	3	-	7
Tulla Light & Power Plant	-	-	-	-	-	-	-	-	*	-	*
Tulla (TX)	-	-	-	-	-	-	-	-	*	-	*
Turlock Irrigation Dist	-	-	1,246	54,006	-	-	-	-	20	-	3
Hickman (CA)	-	-	-	728	-	-	-	-	-	-	-
Lagrange (CA)	-	-	-	-5	-	-	-	-	-	-	-
New Don Pedro (CA)	-	-	-	49,980	-	-	-	-	-	-	-
Turlock Lake (CA)	-	-	-	1,427	-	-	-	-	-	-	-
Uppr Dawson (CA)	-	-	-	1,876	-	-	-	-	-	-	-
Walnut (CA)	-	-	1,246	-	-	-	-	-	20	-	3
Two Harbors Wtr & Lt Dept	-	-	-	-	-	-	-	-	-	-	-
Two Harbors (MN)	-	-	-	-	-	-	-	-	-	-	-
Tyndall Lt & Wtr Plant	-	-	-	-	-	-	-	-	-	-	-
Tyndall (SD)	-	-	-	-	-	-	-	-	-	-	-
Ugi Corporation	31,210	1	-	-	-	-	22	*	-	54	*
Hunlock Creek (PA)	31,210	1	-	-	-	-	22	*	-	54	*
Unalakleet Village Elec Assoc	-	255	-	-	-	-	-	*	-	-	6
Unalakleet (AK)	-	-	-	-	-	-	-	-	-	-	-
Unalakleet (AK)	-	255	-	-	-	-	-	*	-	-	6
Union City Village Of	-	-	-	63	-	-	-	-	-	-	-
Riley (MI)	-	-	-	63	-	-	-	-	-	-	-
Union City (MI)	-	-	-	-	-	-	-	-	-	-	-
Union Electric Company	2,320,933	2,534	3,008	92,401	851,338	-	1,081	6	63	2,379	100
Callaway (MO)	-	-	-	-	851,338	-	-	-	-	-	-
Canton (MO)	-	-2	-	-	-	-	-	-	-	-	-
Howard Bend (MO)	-	43	-	-	-	-	-	*	-	-	3
Jefferson City (MO)	-	219	-	-	-	-	-	1	-	-	3
Keokuk (IA)	-	-	-	77,218	-	-	-	-	-	-	-
Kirksville (MO)	-	-	9	-	-	-	-	-	*	-	-
Labadie (MO)	1,200,447	1,187	-	-	-	-	540	2	-	1,090	31
Meramec (MO)	131,258	164	847	-	-	-	64	*	10	200	6
Mexico (MO)	-	247	-	-	-	-	-	1	-	-	5
Moberly (MO)	-	-	-	-	-	-	-	-	-	-	*
Moberly (MO)	-	258	-	-	-	-	-	1	-	-	5
Montgomery (MO)	-	-	-	-	-	-	-	-	-	-	*
Moreau (MO)	-	267	-	-	-	-	-	1	-	-	5
Osage (MO)	-	-	-	20,658	-	-	-	-	-	-	-
Portable (MO)	-	-	-	-	-	-	-	-	-	-	*
Rush Island (MO)	522,877	66	-	-	-	-	269	*	-	372	3
Sioux (MO)	466,351	83	-	-	-	-	209	*	-	716	1
Taum Sauk (MO)	-	-	-	-5,475	-	-	-	-	-	-	-
Venice No. 2 (IL)	-	2	2,161	-	-	-	-	*	52	-	38
Viaduct (MO)	-	-	-9	-	-	-	-	-	*	-	-
Unionville City Of	-	21	-	-	-	-	-	*	-	-	*
Unionville (MO)	-	21	-	-	-	-	-	*	-	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
United Illuminating Company,											
The	221,443	215,837	86,740	-	-	-	87	319	822	149	679
Bridgeport Harbor (CT)	221,443	80,227	-	-	-	-	87	106	-	149	260
English (CT)	-	44	-	-	-	-	-	2	-	-	4
New Haven Harbor (CT)	-	135,566	86,740	-	-	-	-	211	822	-	416
Steel Point (CT)	-	-	-	-	-	-	-	-	-	-	-
United Power Association	124,232	417	3,915	-	-	14,845	102	1	65	272	5
Cambridge (MN)	-	-	-	-	-	-	-	-	-	-	1
Elk River (MN)	-	247	3,915	-	-	14,845	-	1	65	-	1
Maple Lake (MN)	-	88	-	-	-	-	-	-	-	-	1
Rock Lake (MN)	-	82	-	-	-	-	-	-	-	-	1
Stanton (ND)	124,232	-	-	-	-	-	102	-	-	272	1
Upper Peninsula Power Co	19,350	82	-	3,256	-	-	11	*	-	56	12
AuTrain (MI)	-	-	-	173	-	-	-	-	-	-	-
Cataract (MI)	-	-	-	110	-	-	-	-	-	-	-
Escanaba (MI)	9,937	-	-	-	-	-	6	-	-	33	-
Gladstone (MI)	-	48	-	-	-	-	-	-	-	-	2
Holst (MI)	-	-	-	250	-	-	-	-	-	-	-
McClure (MI)	-	-	-	857	-	-	-	-	-	-	-
Portage (MI)	-	34	-	-	-	-	-	-	-	-	10
Prickett (MI)	-	-	-	219	-	-	-	-	-	-	-
Victoria (MI)	-	-	-	1,647	-	-	-	-	-	-	-
Warden, John H (MI)	9,413	-	-	-	-	-	5	-	-	23	-
Usbia Flathead Project	-	-	-	214	-	-	-	-	-	-	-
Hellroaring (MT)	-	-	-	214	-	-	-	-	-	-	-
Usbia Wapato Irrigation Project ..	-	-	-	245	-	-	-	-	-	-	-
Drop 2 (WA)	-	-	-	10	-	-	-	-	-	-	-
Drop 3 (WA)	-	-	-	235	-	-	-	-	-	-	-
Usbr Rio Grande-Falcon Project ..	-	-	-	15,106	-	-	-	-	-	-	-
Amistad (TX)	-	-	-	9,947	-	-	-	-	-	-	-
Falcon (TX)	-	-	-	5,159	-	-	-	-	-	-	-
USBIA San Carlos Proj	-	-	-	-	-	-	-	-	-	-	-
Coolidge (AZ)	-	-	-	-	-	-	-	-	-	-	-
USBR - Lower Colorado Reg	-	-	-	638,643	-	-	-	-	-	-	-
Davis (AZ)	-	-	-	113,113	-	-	-	-	-	-	-
Hoover (NV)	-	-	-	215,062	-	-	-	-	-	-	-
Hoover Dam (AZ)	-	-	-	261,553	-	-	-	-	-	-	-
Parker (CA)	-	-	-	48,915	-	-	-	-	-	-	-
USBR - Lower Missouri Reg	-	-	-	238,414	-	-	-	-	-	-	-
Alcova (WY)	-	-	-	22,362	-	-	-	-	-	-	-
Big Thompson (CO)	-	-	-	943	-	-	-	-	-	-	-
Boysen (WY)	-	-	-	5,518	-	-	-	-	-	-	-
Canyon Ferry (MT)	-	-	-	25,700	-	-	-	-	-	-	-
Estes (CO)	-	-	-	2,878	-	-	-	-	-	-	-
Flatiron (CO)	-	-	-	6,048	-	-	-	-	-	-	-
Fremont Canyon (WY)	-	-	-	37,453	-	-	-	-	-	-	-
Glendo (WY)	-	-	-	14,728	-	-	-	-	-	-	-
Green Mountain (CO)	-	-	-	9,871	-	-	-	-	-	-	-
Guernsey (WY)	-	-	-	3,750	-	-	-	-	-	-	-
Heart Mtn (WY)	-	-	-	4,498	-	-	-	-	-	-	-
Kortes (WY)	-	-	-	15,833	-	-	-	-	-	-	-
Marys Lake (CO)	-	-	-	1,096	-	-	-	-	-	-	-
Mount Elbert (CO)	-	-	-	6,329	-	-	-	-	-	-	-
Pilot Butte (WY)	-	-	-	980	-	-	-	-	-	-	-
Pole Hill (CO)	-	-	-	4,050	-	-	-	-	-	-	-
Seminole (WY)	-	-	-	14,097	-	-	-	-	-	-	-
Yellowtail (MT)	-	-	-	62,280	-	-	-	-	-	-	-
USBR - Mid Pacific Region	-	-	-	431,513	-	-	-	-	-	-	-
Folsom (CA)	-	-	-	34,140	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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 - Mid Pacific Region											
Judge F Carr (CA)	-	-	-	56,063	-	-	-	-	-	-	-
Keswick (CA)	-	-	-	48,802	-	-	-	-	-	-	-
Lewiston (CA)	-	-	-	-	-	-	-	-	-	-	-
New Melones (CA)	-	-	-	33,179	-	-	-	-	-	-	-
Nimbus (CA)	-	-	-	5,219	-	-	-	-	-	-	-
Onelli (CA)	-	-	-	1,156	-	-	-	-	-	-	-
Shasta (CA)	-	-	-	153,480	-	-	-	-	-	-	-
Spring Creek (CA)	-	-	-	54,902	-	-	-	-	-	-	-
Stampede (CA)	-	-	-	244	-	-	-	-	-	-	-
Trinity (CA)	-	-	-	44,328	-	-	-	-	-	-	-
USBR - Pacific MW Region											
Anderson Ranch (ID)	-	-	-	2,066,077	-	-	-	-	-	-	-
Black Canyon (ID)	-	-	-	15,678	-	-	-	-	-	-	-
Boise River Div (ID)	-	-	-	3,384	-	-	-	-	-	-	-
Chandler (WA)	-	-	-	2,465	-	-	-	-	-	-	-
Grand Coulee (WA)	-	-	-	1,908,875	-	-	-	-	-	-	-
Green Springs (OR)	-	-	-	6,690	-	-	-	-	-	-	-
Hungry Horse (MT)	-	-	-	30,726	-	-	-	-	-	-	-
Minidoka (ID)	-	-	-	8,661	-	-	-	-	-	-	-
Palisades (ID)	-	-	-	82,249	-	-	-	-	-	-	-
Roza (WA)	-	-	-	7,349	-	-	-	-	-	-	-
USBR - Upper Colorado Reg											
Blue Mesa (CO)	-	-	-	555,407	-	-	-	-	-	-	-
Crystal (CO)	-	-	-	23,031	-	-	-	-	-	-	-
Deer Creek (UT)	-	-	-	15,509	-	-	-	-	-	-	-
Elephant Butte (NM)	-	-	-	2,935	-	-	-	-	-	-	-
Flaming Gorge (UT)	-	-	-	8,542	-	-	-	-	-	-	-
Fontenelle (WY)	-	-	-	19,273	-	-	-	-	-	-	-
Glen Canyon (AZ)	-	-	-	6,923	-	-	-	-	-	-	-
Lower Molina (CO)	-	-	-	448,957	-	-	-	-	-	-	-
Morrow Point (CO)	-	-	-	-	-	-	-	-	-	-	-
Upper Molina (CO)	-	-	-	27,113	-	-	-	-	-	-	-
Upper Molina (CO)	-	-	-	3,124	-	-	-	-	-	-	-
USCE - Blakely Mtn											
Blakely Mountain (AR)	-	-	-	20,916	-	-	-	-	-	-	-
Degray (AR)	-	-	-	14,638	-	-	-	-	-	-	-
Narrows (AR)	-	-	-	5,138	-	-	-	-	-	-	-
USCE - Fort Worth District	-	-	-	1,140	-	-	-	-	-	-	-
R. D. Willis (TX)	-	-	-	20,275	-	-	-	-	-	-	-
Rayburn, Sam (TX)	-	-	-	4,284	-	-	-	-	-	-	-
Whitney (TX)	-	-	-	12,620	-	-	-	-	-	-	-
Whitney (TX)	-	-	-	3,371	-	-	-	-	-	-	-
USCE - Hartwell & Clarkhill											
Clark Hill (SC)	-	-	-	138,342	-	-	-	-	-	-	-
Hartwell Lake (GA)	-	-	-	59,036	-	-	-	-	-	-	-
R B Russell Proj (GA)	-	-	-	37,269	-	-	-	-	-	-	-
R B Russell Proj (GA)	-	-	-	42,037	-	-	-	-	-	-	-
USCE - Kansas City Dist											
Harry Truman (MO)	-	-	-	11,232	-	1	-	-	-	-	-
Stockton (MO)	-	-	-	6,405	-	-	-	-	-	-	-
Wilson (KS)	-	-	-	4,827	-	-	-	-	-	-	-
Wilson (KS)	-	-	-	-	-	1	-	-	-	-	-
USCE - Little Rock											
Beaver (AR)	-	-	-	307,731	-	-	-	-	-	-	-
Bull Shoals (AR)	-	-	-	8,424	-	-	-	-	-	-	-
Dardanelle (AR)	-	-	-	187,848	-	-	-	-	-	-	-
Greers Ferry Lake (AR)	-	-	-	21,575	-	-	-	-	-	-	-
Norfolk (AR)	-	-	-	8,209	-	-	-	-	-	-	-
Ozark (AR)	-	-	-	37,905	-	-	-	-	-	-	-
Table Rock (MO)	-	-	-	14,877	-	-	-	-	-	-	-
Table Rock (MO)	-	-	-	28,893	-	-	-	-	-	-	-
USCE - Mobile District											
Allatoona (GA)	-	-	-	124,800	-	-	-	-	-	-	-
Buford (GA)	-	-	-	10,303	-	-	-	-	-	-	-
Buford (GA)	-	-	-	21,967	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (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 - Mobile District											
Carters (GA)	-	-	-	18,459	-	-	-	-	-	-	-
George, Walter F (GA)	-	-	-	20,225	-	-	-	-	-	-	-
Jones Bluff (AL)	-	-	-	13,437	-	-	-	-	-	-	-
Millers Ferry (AL)	-	-	-	17,772	-	-	-	-	-	-	-
West Point (GA)	-	-	-	14,445	-	-	-	-	-	-	-
Woodruff, J (FL)	-	-	-	8,192	-	-	-	-	-	-	-
USCE - Nashville				216,694							
Barkley (KY)	-	-	-	59,474	-	-	-	-	-	-	-
Center Hill (TN)	-	-	-	14,149	-	-	-	-	-	-	-
Cheatham (TN)	-	-	-	12,896	-	-	-	-	-	-	-
Cordell Hull (TN)	-	-	-	27,743	-	-	-	-	-	-	-
Dale Hollow (TN)	-	-	-	12,529	-	-	-	-	-	-	-
Laurel (KY)	-	-	-	3,251	-	-	-	-	-	-	-
Old Hickory (TN)	-	-	-	30,398	-	-	-	-	-	-	-
Priest, J P (TN)	-	-	-	-84	-	-	-	-	-	-	-
Wolf Creek (KY)	-	-	-	56,338	-	-	-	-	-	-	-
USCE - North Pacific Div				3,955,041							
Albion Falls (ID)	-	-	-	19,617	-	-	-	-	-	-	-
Big Cliff (OR)	-	-	-	3,419	-	-	-	-	-	-	-
Bonneville (OR)	-	-	-	413,730	-	-	-	-	-	-	-
Chief Joseph (WA)	-	-	-	977,409	-	-	-	-	-	-	-
Cougar (OR)	-	-	-	19,375	-	-	-	-	-	-	-
Dalles (WA)	-	-	-	575,071	-	-	-	-	-	-	-
Day, John (OR)	-	-	-	739,851	-	-	-	-	-	-	-
Detroit (OR)	-	-	-	16,716	-	-	-	-	-	-	-
Dexter (OR)	-	-	-	6,289	-	-	-	-	-	-	-
Dworshak (ID)	-	-	-	59,909	-	-	-	-	-	-	-
Foster (OR)	-	-	-	2,462	-	-	-	-	-	-	-
Green Peter (OR)	-	-	-	7,886	-	-	-	-	-	-	-
Hills Creek (OR)	-	-	-	5,330	-	-	-	-	-	-	-
Ice Harbor (WA)	-	-	-	77,998	-	-	-	-	-	-	-
Libby (MT)	-	-	-	194,528	-	-	-	-	-	-	-
Little Goose (WA)	-	-	-	97,530	-	-	-	-	-	-	-
Lookout Point (OR)	-	-	-	26,171	-	-	-	-	-	-	-
Lost Creek (OR)	-	-	-	31,115	-	-	-	-	-	-	-
Lower Granite (WA)	-	-	-	97,190	-	-	-	-	-	-	-
Lower Monumental (WA)	-	-	-	98,783	-	-	-	-	-	-	-
McNary (OR)	-	-	-	484,662	-	-	-	-	-	-	-
USCE - Omaha District				783,731							
Big Bend (SD)	-	-	-	91,066	-	-	-	-	-	-	-
Fort Peck (MT)	-	-	-	68,298	-	-	-	-	-	-	-
Fort Randall (SD)	-	-	-	171,390	-	-	-	-	-	-	-
Garrison (ND)	-	-	-	158,197	-	-	-	-	-	-	-
Gavins Point (NE)	-	-	-	67,010	-	-	-	-	-	-	-
Oahe (SD)	-	-	-	227,770	-	-	-	-	-	-	-
USCE - St Louis Dist				5,005							
Clarence Canyon (MO)	-	-	-	5,005	-	-	-	-	-	-	-
USCE - St Marys Falls				12,139							
Saint Marys Falls (MI)	-	-	-	12,139	-	-	-	-	-	-	-
USCE - Tulsa District				88,822							
Broken Bow (OK)	-	-	-	4,399	-	-	-	-	-	-	-
Denison (TX)	-	-	-	24,304	-	-	-	-	-	-	-
Eufaula (OK)	-	-	-	11,510	-	-	-	-	-	-	-
Fort Gibson (OK)	-	-	-	9,793	-	-	-	-	-	-	-
Kerr, Robert S (OK)	-	-	-	19,669	-	-	-	-	-	-	-
Keystone (OK)	-	-	-	6,525	-	-	-	-	-	-	-
Tenkiller Ferry (OK)	-	-	-	5,156	-	-	-	-	-	-	-
Webbers Falls (OK)	-	-	-	7,466	-	-	-	-	-	-	-
USCE - Wilmington				20,415							
Kerr, John H (VA)	-	-	-	18,489	-	-	-	-	-	-	-
Philpott Lake (VA)	-	-	-	1,926	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Valley City Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Valley City (ND)	-	-	-	-	-	-	-	-	-	-	-
Vandalla Municipal Utilities	-	5	-	-	-	-	-	*	-	-	2
Vandalla (MO)	-	5	-	-	-	-	-	*	-	-	2
Vermillion City Of	-	-	-	-	-	-	-	-	-	-	-
Vermillion (SD)	-	-	-	-	-	-	-	-	-	-	-
Vermont Electric Cooperative	-	-	-	668	-	-	-	-	-	-	-
N Hartland (VT)	-	-	-	668	-	-	-	-	-	-	-
Vermont Marble Company	-	-	-	6,096	-	-	-	-	-	-	-
Beldens (VT)	-	-	-	1,812	-	-	-	-	-	-	-
Center Rutland (VT)	-	-	-	138	-	-	-	-	-	-	-
Huntington Falls (VT)	-	-	-	2,049	-	-	-	-	-	-	-
Proctor (VT)	-	-	-	2,097	-	-	-	-	-	-	-
Vermont Yankee Nuclear Power Co	-	-	-	-	321,932	-	-	-	-	-	-
Vt. Yankee (VT)	-	-	-	-	321,932	-	-	-	-	-	-
Vero Beach Mun Pwr System	-	463	21,975	-	-	-	-	1	286	-	32
Municipal Plant (FL)	-	463	21,975	-	-	-	-	1	286	-	32
Villisca Mun Pwr Plant	-	-	-	-	-	-	-	-	-	-	-
Villisca (IA)	-	-	-	-	-	-	-	-	-	-	-
Vineland Electric Utility	-	10,617	-	-	-	-	-	28	-	13	30
Down, Howard (NJ)	-	10,020	-	-	-	-	-	27	-	13	21
West (NJ)	-	697	-	-	-	-	-	2	-	-	10
Vinton Municipal Lt Plant	-	89	751	-	-	-	-	*	10	-	*
Vinton (IA)	-	89	751	-	-	-	-	*	10	-	*
Viola Municipal Elec Utility	-	-	-	-	-	-	-	-	-	-	-
Viola (WI)	-	-	-	-	-	-	-	-	-	-	-
Virginia Electric & Power Co	2,389,926	279,729	121,100	-47,824	1,929,078	1	959	437	1,019	1,807	2,809
* Central Storage *	-	-	-	-	-	-	-	-	-	-	1,515
Bath County (VA)	-	-	-	-81,743	-	-	-	-	-	-	-
Bremo Bluff (VA)	87,991	975	-	-	-	-	36	1	-	129	4
Chesterfield (VA)	635,419	11,001	92,353	-	-	-	253	15	726	344	96
Cushaw (VA)	-	-	-	985	-	-	-	-	-	-	-
Darbytown (VA)	-	15,565	-	-	-	-	-	32	-	-	79
Gaston (NC)	-	-	-	15,891	-	-	-	-	-	-	-
Gravel Neck (VA)	-	8,939	11,714	-	-	-	-	19	143	-	83
Kitty Hawk (NC)	-	878	-	-	-	-	-	3	-	-	23
Low Moor (VA)	-	1,498	-	-	-	-	-	4	-	-	28
Mt Storm (WV)	986,292	5,889	-	-	-	-	386	8	-	876	33
North Anna (VA)	-	-	-	189	940,239	1	-	-	-	-	-
Northern Neck (VA)	-	1,447	-	-	-	-	-	4	-	-	29
Portsmouth (VA)	360,616	2,631	-	-	-	-	142	6	-	178	26
Possum Point (VA)	161,403	118,018	-	-	-	-	73	181	-	145	740
Roanoke Rapids (NC)	-	-	-	16,854	-	-	-	-	-	-	-
Surry (VA)	-	-	-	-	988,839	-	-	-	-	-	-
Yorktown (VA)	156,205	112,888	17,033	-	-	-	68	164	150	134	152
Virginia Pub Utils Comm	4,249	-	-	-	-	-	3	-	-	-	-
Virginia (MN)	4,249	-	-	-	-	-	3	-	-	-	-
Wahoo Municipal Light Plant	-	10	121	-	-	-	-	*	2	-	*
Wahoo (NE)	-	10	121	-	-	-	-	*	2	-	*
Wallingford City Of	-	177	-	-	-	-	-	1	-	-	7
Pierce (CT)	-	177	-	-	-	-	-	1	-	-	7
Wamego City Of	-	49	853	-	-	-	-	*	12	-	1
Wamego (KS)	-	49	853	-	-	-	-	*	12	-	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Warren City Of	-	-	-	-	-	-	-	-	-	-	-
Warren (MN)	-	-	-	-	-	-	-	-	-	-	-
Washington City Of	-	5	3	-	-	-	-	*	*	-	*
Washington (KS)	-	5	3	-	-	-	-	*	*	-	*
Washington Electric Cooperative	-	-	-	298	-	-	-	-	-	-	-
Wrightsville (VT)	-	-	-	298	-	-	-	-	-	-	-
Washington Island Elec Coop	-	3	-	-	-	-	-	*	-	-	1
Washington Island (WI)	-	3	-	-	-	-	-	*	-	-	1
Washington Public Power Supply	-	-	-	6,348	546,814	-	-	-	-	-	-
Sys	-	-	-	6,348	546,814	-	-	-	-	-	-
Hanford (WA)	-	-	-	-	-	-	-	-	-	-	-
Packwood (WA)	-	-	-	6,348	-	-	-	-	-	-	-
WNP-2 (WA)	-	-	-	-	546,814	-	-	-	-	-	-
Washington Wtr Pwr Co, The	-	-	431	196,977	-	32,954	-	-	5	-	-
Cabinet Gorge (ID)	-	-	-	61,664	-	-	-	-	-	-	-
Kettle Fls (WA)	-	-	-	-	-	32,954	-	-	-	-	-
Little Falls (WA)	-	-	-	8,325	-	-	-	-	-	-	-
Long Lake (WA)	-	-	-	19,945	-	-	-	-	-	-	-
Meyers Falls (WA)	-	-	-	524	-	-	-	-	-	-	-
Monroe Street (WA)	-	-	-	-	-	-	-	-	-	-	-
Nine Mile (WA)	-	-	-	4,419	-	-	-	-	-	-	-
Northeast (WA)	-	-	431	-	-	-	-	-	5	-	-
Noxon Rapids (MT)	-	-	-	94,226	-	-	-	-	-	-	-
Post Falls (ID)	-	-	-	2,982	-	-	-	-	-	-	-
Upper Falls (WA)	-	-	-	4,892	-	-	-	-	-	-	-
Waterloo City Light & Power	-	7	53	-	-	-	-	*	1	-	*
Waterloo (IL)	-	7	53	-	-	-	-	*	1	-	*
Watertown City Of	-	-	-	1,103	-	-	-	-	-	-	-
Watertown (NY)	-	-	-	1,103	-	-	-	-	-	-	-
Wauchula City Of	-	-	-	-	-	-	-	-	-	-	2
Wauchula (FL)	-	-	-	-	-	-	-	-	-	-	2
Waverly City Of	-	201	49	229	-	-	-	1	1	-	1
East Hydro (IA)	-	-	-	229	-	-	-	-	-	-	-
East Plant (IA)	-	55	-	-	-	-	-	*	-	-	*
North Plant (IA)	-	146	49	-	-	-	-	*	1	-	1
Wayne City Of	-	25	-	-	-	-	-	*	-	-	1
Wayne (NE)	-	25	-	-	-	-	-	*	-	-	1
Weatherford City Of	-	-	-	-	-	-	-	-	-	-	-
Weatherford (TX)	-	-	-	-	-	-	-	-	-	-	-
Weber Basin Water Conservancy	-	-	-	2,998	-	-	-	-	-	-	-
Dist	-	-	-	2,998	-	-	-	-	-	-	-
Gateway (UT)	-	-	-	1,889	-	-	-	-	-	-	-
Wanship (UT)	-	-	-	1,109	-	-	-	-	-	-	-
Webster City Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Webster City (IA)	-	-	-	-	-	-	-	-	-	-	-
Wellington City Of	-	-	5,380	-	-	-	-	-	69	-	4
Wellington (KS)	-	-	5,380	-	-	-	-	-	69	-	4
Wells Electric Association	-	5	2	-	-	-	-	*	*	-	*
Wells (MN)	-	5	2	-	-	-	-	*	*	-	*
Welsh City Of	-	-	-	-	-	-	-	-	-	-	-
Welsh (LA)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
West Bend Mun Power Plant	-	-	5	-	-	-	-	*	*	-	*
West Bend (IA)	-	-	5	-	-	-	-	*	*	-	*
West Liberty Municipal Elec Util ..	-	78	5	-	-	-	-	*	*	-	1
West Liberty (IA)	-	78	5	-	-	-	-	*	*	-	1
West Penn Power Co (APS)	1,249,795	780	243	3,361	-	-	489	1	2	729	74
Armstrong (PA)	227,326	62	-	-	-	-	95	*	-	158	*
Hatfields Ferry (PA)	908,982	718	-	-	-	-	346	1	-	499	6
Lake Lynn (WV)	-	-	-	3,361	-	-	-	-	-	-	-
Mitchell (PA)	113,487	-	243	-	-	-	47	-	2	72	68
Springdale (PA)	-	-	-	-	-	-	-	-	-	-	-
West Point Light & Water Works	-	26	407	-	-	-	-	*	7	-	*
West Point (NE)	-	26	407	-	-	-	-	*	7	-	*
West Texas Utilities Co (CSW)	397,451	118	385,481	-	-	-	248	*	3,913	493	283
* Central Storage *	-	-	-	-	-	-	-	-	-	-	2
Abilene (TX)	-	-	-35	-	-	-	-	-	-	-	4
Concho (TX)	-	-	-31	-	-	-	-	-	-	-	7
Fort Phantom (TX)	-	-	151,189	-	-	-	-	-	1,537	-	102
Ft Stockton (TX)	-	-	-1	-	-	-	-	-	-	-	-
Lake Pauline (TX)	-	-	-148	-	-	-	-	-	2	-	13
Oak Creek (TX)	-	-	40,075	-	-	-	-	-	381	-	30
Oklahoma (TX)	397,451	118	-	-	-	-	248	*	-	493	7
Paint Creek (TX)	-	-	37,185	-	-	-	-	-	412	-	74
Presidio (TX)	-	2	-	-	-	-	-	*	-	-	*
Rio Pecos (TX)	-	-	80,335	-	-	-	-	-	913	-	19
San Angelo (TX)	-	-	76,899	-	-	-	-	-	669	-	23
Vernon (TX)	-	-	-7	-	-	-	-	-	-	-	1
Westbrook Mun Lt & Pwr Plant ...	-	-	-	-	-	-	-	-	-	-	*
Westbrook (MN)	-	-	-	-	-	-	-	-	-	-	*
Western Farmers Elec Coop	241,380	62	162,179	-	-	-	146	*	1,441	211	44
Anadarko (OK)	-	-	129,103	-	-	-	-	-	1,100	-	41
Cherokee (OK)	-	-	-	-	-	-	-	-	-	-	-
Hugo (OK)	241,380	62	-	-	-	-	146	*	-	211	3
Mooreland (OK)	-	-	33,076	-	-	-	-	-	341	-	-
Woodward (OK)	-	-	-	-	-	-	-	-	-	-	-
Western Illinois Pwr Coop, Inc	15,046	180	-	-	-	-	9	*	-	19	3
Pearl Station (IL)	15,046	52	-	-	-	-	9	*	-	19	3
Pittsfield (IL)	-	92	-	-	-	-	-	*	-	-	*
Winchester (IL)	-	36	-	-	-	-	-	*	-	-	*
Western Mass Electric Co (NU) ...	-	8,481	34,743	-5,901	-	-	-	17	391	-	135
Cabot (MA)	-	-	-	24,975	-	-	-	-	-	-	-
Cobble Mountain (MA)	-	-	-	1,653	-	-	-	-	-	-	-
Doreen (MA)	-	140	-	-	-	-	-	*	-	-	1
Dwight (MA)	-	-	-	275	-	-	-	-	-	-	-
Gardners Falls (MA)	-	-	-	1,395	-	-	-	-	-	-	-
Indian Orchard (MA)	-	-	-	1,025	-	-	-	-	-	-	-
Northfield Mountain (MA)	-	-	-	-39,324	-	-	-	-	-	-	-
Putts Bridge (MA)	-	-	-	1,344	-	-	-	-	-	-	-
Red Bridge (MA)	-	-	-	1,054	-	-	-	-	-	-	-
Silver Lake (MA)	-	255	-	-	-	-	-	1	-	-	5
Turners Falls (MA)	-	-	-	1,702	-	-	-	-	-	-	-
West Springfield (MA)	-	7,920	34,743	-	-	-	-	15	391	-	128
Woodland Road (MA)	-	166	-	-	-	-	-	*	-	-	1
Whittemore Mun Lt & Pwr Co	-	-	-	-	-	-	-	-	-	-	-
Whittemore (IA)	-	-	-	-	-	-	-	-	-	-	-
Wilber City Of	-	-	-	-	-	-	-	-	-	-	-
Wilber (NE)	-	-	-	-	-	-	-	-	-	-	-
Willmar Municipal Util Comm	3,001	-	-	-	-	-	4	-	-	7	-
Willmar (MN)	3,001	-	-	-	-	-	4	-	-	7	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Wilton Mun Lt & Pwr System	-	-	-	-	-	-	-	-	-	-	-
Wilton Junction (IA)	-	-	-	-	-	-	-	-	-	-	-
Windom Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Windom (MN)	-	-	-	-	-	-	-	-	-	-	-
Winfield Mun Light & Power Plt ...	-	-	10,029	-	-	-	-	-	111	-	9
Winfield (KS)	-	-	254	-	-	-	-	-	4	-	9
Winfield (KS)	-	-	9,775	-	-	-	-	-	107	-	-
Winnetka, Village Of	-	14	4,573	-	-	-	-	*	74	*	2
Winnetka (IL)	-	14	4,573	-	-	-	-	*	74	*	2
Winterset City Of	-	14	117	-	-	-	-	*	3	-	2
Winterset (IA)	-	14	117	-	-	-	-	*	3	-	2
Wisconsin Electric Power Co	1,256,793	3,775	3,875	21,502	725,629	-	711	9	43	1,972	50
* Central Storage *	-	-	-	-	-	-	-	-	-	-	11
Appleton (WI)	-	-	-	1,016	-	-	-	-	-	-	-
Big Quinnesec 61 (MI)	-	-	-	-	-	-	-	-	-	-	-
Big Quinnesec 92 (MI)	-	-	-	5,795	-	-	-	-	-	-	-
Brule (MI)	-	-	-	696	-	-	-	-	-	-	-
Chalk Hill (MI)	-	-	-	1,847	-	-	-	-	-	-	-
Germantown (WI)	-	2,450	-	-	-	-	-	6	-	-	13
Hemlock Falls (MI)	-	-	-	579	-	-	-	-	-	-	-
Kingsford (MI)	-	-	-	1,603	-	-	-	-	-	-	-
Lower Paint (MI)	-	-	-	66	-	-	-	-	-	-	-
Michigamme Falls (MI)	-	-	-	1,720	-	-	-	-	-	-	-
Oconto Falls (WI)	-	-	-	471	-	-	-	-	-	-	-
Peavy Falls (MI)	-	-	-	2,724	-	-	-	-	-	-	-
Pine (WI)	-	-	-	914	-	-	-	-	-	-	-
Pleasant Prairie (WI)	725,901	2	920	-	-	-	465	*	10	722	8
Point Beach (WI)	-	62	-	-	725,629	-	-	*	-	-	2
Port Washington (WI)	-	150	-	-	-	-	7	1	-	95	4
Presque Isle (MI)	106,895	403	-	-	-	-	70	1	-	817	4
South Oak Creek (WI)	371,073	703	2,499	-	-	-	146	1	26	313	9
Sturgeon (MI)	-	-	-	204	-	-	-	-	-	-	-
Twin Falls (MI)	-	-	-	1,669	-	-	-	-	-	-	-
Valley (WI)	40,732	4	456	-	-	-	23	*	7	25	*
Way (MI)	-	-	-	267	-	-	-	-	-	-	-
Weyauwega (WI)	-	-	-	12	-	-	-	-	-	-	-
White Rapids (MI)	-	-	-	1,919	-	-	-	-	-	-	-
Wisconsin Power & Light Co	1,053,940	678	2,389	20,420	-	38	606	1	46	945	21
Blackhawk (WI)	-	-	798	297	-	-	-	-	13	-	-
Columbia (WI)	549,448	15	-	-	-	-	335	*	-	435	6
Dewey, Nelson (WI)	90,096	27	-	-	-	-	51	*	-	213	*
Edgewater (WI)	384,383	539	-	-	-	38	205	1	-	256	2
Janesville (WI)	-	-	-	169	-	-	-	-	-	-	-
Kilbourn (WI)	-	-	-	5,071	-	-	-	-	-	-	-
Portable (WI)	-	-	-	-	-	-	-	-	-	-	*
Prairie Du Sac (WI)	-	-	-	14,615	-	-	-	-	-	-	-
Rock River (WI)	30,013	97	1,353	-	-	-	16	*	28	41	8
Shawano (WI)	-	-	-	268	-	-	-	-	-	-	-
Sheepskin (WI)	-	-	238	-	-	-	-	*	4	-	4
Wisconsin Public Service Corp	370,320	383	2,446	19,664	384,992	2	202	1	33	498	32
Alexander (WI)	-	-	-	1,796	-	-	-	-	-	-	-
Caldron Falls (WI)	-	-	-	915	-	-	-	-	-	-	-
Eagle River (WI)	-	24	-	-	-	-	-	*	-	-	1
Grand Rapids (MI)	-	-	-	2,233	-	-	-	-	-	-	-
Grandfather Falls (WI)	-	-	-	7,096	-	-	-	-	-	-	-
Hat Rapids (WI)	-	-	-	400	-	-	-	-	-	-	-
High Falls (WI)	-	-	-	740	-	-	-	-	-	-	-
Jersey (WI)	-	-	-	146	-	-	-	-	-	-	-
Johnson Falls (WI)	-	-	-	518	-	-	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	-	2	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	384,992	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, August 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Wisconsin Public Service Corp											
Merrill (WI)	-	-	-	884	-	-	-	-	-	-	-
Otter Rapids (WI)	-	-	-	63	-	-	-	-	-	-	-
Peshigo (WI)	-	-	-	231	-	-	-	-	-	-	-
Potato Rapids (WI)	-	-	-	376	-	-	-	-	-	-	-
Pulliam (WI)	120,573	-	1,437	-	-	-	58	-	18	274	1
Sandstone Rapids (WI)	-	-	-	704	-	-	-	-	-	-	-
Tomahawk (WI)	-	-	-	839	-	-	-	-	-	-	-
Wausau (WI)	-	-	-	2,723	-	-	-	-	-	-	-
West Marinette (WI)	-	2	505	-	-	-	-	-	8	-	11
Weston (WI)	249,747	357	504	-	-	-	143	1	8	224	19
Wisconsin River Power Company	-	-	-	17,593	-	-	-	-	-	-	-
Castle Rock (WI)	-	-	-	8,461	-	-	-	-	-	-	-
Petenwell (WI)	-	-	-	9,132	-	-	-	-	-	-	-
Wisner Elec Lt & Wtr Dept	-	-	-	-	-	-	-	-	-	-	-
Wisner (NE)	-	-	-	-	-	-	-	-	-	-	-
Wolf Creek Nuclear Corporation	-	-	-	-	843,610	-	-	-	-	-	-
Wolf Creek (KS)	-	-	-	-	843,610	-	-	-	-	-	-
Wolverine Electric Coop, Inc	15,843	593	14,807	529	-	-	8	1	158	60	13
Advance (MI)	15,843	280	-	-	-	-	8	-	-	60	-
Beaver Island (MI)	-	-	-	-	-	-	-	-	-	-	2
Johnson, George (MI)	-	25	832	-	-	-	-	-	13	-	2
Kleber (MI)	-	-	-	387	-	-	-	-	-	-	-
Scottville (MI)	-	20	-	-	-	-	-	-	-	-	-
Tower (MI)	-	66	-	-	-	-	-	-	-	-	4
Tower Hydro (MI)	-	-	-	142	-	-	-	-	-	-	-
Vandyke, Claude (MI)	-	76	13,975	-	-	-	-	-	145	-	3
Vestaburg (MI)	-	117	-	-	-	-	-	-	-	-	1
Winder, C A (MI)	-	9	-	-	-	-	-	-	-	-	1
Wolverine Power Corporation	-	-	-	2,039	-	-	-	-	-	-	-
Edenville (MI)	-	-	-	1,097	-	-	-	-	-	-	-
Sanford (MI)	-	-	-	577	-	-	-	-	-	-	-
Secord (MI)	-	-	-	118	-	-	-	-	-	-	-
Smallwood (MI)	-	-	-	247	-	-	-	-	-	-	-
Woodsfield Elec Light Plant	-	-	-	-	-	-	-	-	-	-	-
Anadarko (OH)	-	-	-	-	-	-	-	-	-	-	-
Wrangell Light Plant	-	-	-	-	-	-	-	-	-	-	-
Wrangell (AK)	-	-	-	-	-	-	-	-	-	-	-
Wyandotte Dept Of Mun Service ..	22,905	-	-	-	-	-	13	-	-	21	-
Wyandotte (MI)	22,905	-	-	-	-	-	13	-	-	21	-
Yadkin, Inc	-	-	-	56,385	-	-	-	-	-	-	-
Falls (NC)	-	-	-	7,770	-	-	-	-	-	-	-
High Rock (NC)	-	-	-	9,665	-	-	-	-	-	-	-
Narrows (NC)	-	-	-	29,411	-	-	-	-	-	-	-
Tuckertown (NC)	-	-	-	9,539	-	-	-	-	-	-	-
Yakutat Power Inc	-	413	-	-	-	-	-	1	-	-	-
Yakutat (AK)	-	413	-	-	-	-	-	1	-	-	-
Yankee Atomic Electric Company	-	-	-	-	-	-	-	-	-	-	-
Yankee - Rowe (MA)	-	-	-	-	-	-	-	-	-	-	-
Yazoo City Public Service Comm	-	-	-	-	-	-	-	-	-	-	-
Yazoo (MS)	-	-	-	-	-	-	-	-	-	-	-
Yuba County Water Agency	-	-	-	81,652	-	-	-	-	-	-	-
Fish Power (CA)	-	-	-	101	-	-	-	-	-	-	-
New Colgate (CA)	-	-	-	70,870	-	-	-	-	-	-	-
New Narrows (CA)	-	-	-	10,681	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
August 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Yuma City Of	-	-	-	-	-	-	-	-	-	-	-
Yuma (CO)	-	-	-	-	-	-	-	-	-	-	-
Zeeland Board Of Public Works ..	-	206	2,128	-	-	-	-	*	22	-	1
Zeeland (MI)	-	206	2,128	-	-	-	-	*	22	-	1
U. S. Total	146,857,930	11,021,137	32,584,418	21,046,452	55,761,111	915,137	73,200	18,453	346,438	151,996	72,892

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

* = Number less than 0.5 rounded to zero.

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.

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 1990 are preliminary.

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

Plant Aggregates: Quantity, Cost, Quality of Fossil Fuels

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
August 1990**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Alabama Electric Coop Inc	154	161.2	37.97	1.49	-	-	-	-	-	-	-	100	-	-
Lowman (AL)	154	161.2	37.97	1.49	-	-	-	-	-	-	-	100	-	-
Alabama Power Co	1,274	206.0	50.54	1.29	6	656.8	37.82	0.43	183	184.0	1.89	99	*	1
Barry (AL)	59	201.4	50.64	.92	-	-	-	-	40	161.0	1.66	97	-	3
Gadsden (AL)	10	212.5	54.71	1.87	-	-	-	-	4	338.5	3.47	99	-	1
Gaston (AL)	317	186.1	46.01	2.26	1	630.2	36.62	.46	-	-	-	100	*	-
Gorgas 2 and 3 (AL)	448	173.4	41.57	1.25	5	662.6	38.08	.42	-	-	-	100	*	-
Greene (AL)	74	215.7	54.23	1.26	-	-	-	-	-	-	-	100	-	-
James Miller (AL)	366	260.2	64.56	.56	-	-	-	-	139	186.8	1.91	98	-	2
Alamito Co	188	190.9	35.39	.63	7	614.9	36.79	.20	-	-	-	99	1	-
Springerville (AZ)	188	190.9	35.39	.63	7	614.9	36.79	.20	-	-	-	99	1	-
Alexandria City Of	-	-	-	-	-	-	-	-	50	188.0	1.96	-	-	100
Alexandria-Hunter (LA)	-	-	-	-	-	-	-	-	50	188.0	1.96	-	-	100
Ames City Of	23	124.0	21.83	.25	-	-	-	-	-	-	-	100	-	-
Ames (IA)	23	124.0	21.83	.25	-	-	-	-	-	-	-	100	-	-
Appalachian Power Co (AEP)	939	162.5	40.30	.77	14	575.0	33.46	.00	-	-	-	100	*	-
Amos (WV)	545	172.5	42.54	.80	11	580.0	33.74	.00	-	-	-	100	*	-
Clinch River (VA)	116	116.2	28.87	.74	-	584.2	34.32	.00	-	-	-	100	*	-
Glen Lyn (VA)	33	186.9	46.69	.80	2	519.1	30.30	.00	-	-	-	99	1	-
Kanawha River (WV)	45	156.5	39.34	.75	1	635.4	36.77	.00	-	-	-	99	1	-
Mountaineer (WV)	199	159.8	39.98	.71	-	565.3	32.83	.00	-	-	-	100	*	-
Arizona Electric Pwr Coop Inc	91	169.8	38.14	.47	-	-	-	-	180	198.1	2.04	92	-	8
Apache (AZ)	91	169.8	38.14	.47	-	-	-	-	180	198.1	2.04	92	-	8
Arizona Public Service Co	1,052	119.6	21.46	.69	-	-	-	-	392	231.7	2.39	98	-	2
Cholla (AZ)	249	169.9	33.29	.48	-	-	-	-	6	354.0	3.67	100	-	*
Four Corners (NM)	803	102.1	17.79	.76	-	-	-	-	74	250.0	2.58	99	-	1
Ocotillo (AZ)	-	-	-	-	-	-	-	-	103	209.1	2.15	-	-	100
Saguaro (AZ)	-	-	-	-	-	-	-	-	9	208.0	2.14	-	-	100
Yucca (AZ)	-	-	-	-	-	-	-	-	200	233.9	2.41	-	-	100
Arkansas Power & Light Co (MSU)	863	154.4	27.23	.32	8	459.5	26.59	.30	4,670	143.7	1.45	75	*	24
Couch (AR)	-	-	-	-	-	-	-	-	479	116.0	1.27	-	-	100
Independence (AR)	484	148.0	26.18	.21	5	463.6	26.90	.30	-	-	-	100	*	-
Lake Catherine (AR)	-	-	-	-	-	-	-	-	1,602	149.8	1.50	-	-	100
Ritchie (AR)	-	-	-	-	-	-	-	-	2,788	145.3	1.46	-	-	100
Whitebluff (AR)	379	162.7	28.58	.47	3	452.1	26.02	.30	-	-	-	100	*	-
Associated Electric Coop Inc	517	126.0	27.15	3.53	-	-	-	-	-	-	-	100	-	-
Hill (MO)	225	144.8	30.55	4.23	-	-	-	-	-	-	-	100	-	-
Madrid (MO)	293	112.1	24.54	2.99	-	-	-	-	-	-	-	100	-	-
Atlantic City Electric Co (ACE)	46	169.9	45.07	2.83	147	317.4	20.12	.97	-	-	-	57	43	-
England (NJ)	46	169.9	45.07	2.83	147	317.4	20.12	.97	-	-	-	57	43	-
Austin City Of	-	-	-	-	-	-	-	-	1,744	179.4	1.83	-	-	100
Decker Creek (TX)	-	-	-	-	-	-	-	-	1,284	179.4	1.83	-	-	100
Holly (TX)	-	-	-	-	-	-	-	-	452	179.4	1.83	-	-	100
Seaholm (TX)	-	-	-	-	-	-	-	-	8	179.4	1.83	-	-	100
Baltimore Gas & Electric Co	333	155.2	40.11	1.14	454	346.5	21.70	.97	960	229.8	2.39	69	23	8
Brandon Shores (MD)	150	152.9	38.73	.69	-	-	-	-	-	-	-	100	-	-
Crane (MD)	86	154.9	41.11	2.24	-	-	-	-	-	-	-	100	-	-
Gould St (MD)	-	-	-	-	58	355.5	22.31	.97	-	-	-	-	100	-
Riverside (MD)	-	-	-	-	119	344.9	21.60	.97	312	231.8	2.41	-	70	30
Wagner (MD)	97	158.7	41.36	.86	198	334.0	20.89	.96	648	228.9	2.38	57	28	15
Westport (MD)	-	-	-	-	79	373.8	23.43	.97	-	-	-	-	100	-
Basin Electric Power Coop	1,167	64.8	9.84	.48	3	536.8	31.07	.34	-	-	-	100	*	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Basin Electric Power Coop														
Antelope Valley (ND)	412	67.0	9.01	0.55	-	-	-	-	-	-	-	100	-	-
Laramie River (WY)	620	59.2	9.91	.39	3	536.6	31.07	0.34	-	-	-	100	*	-
Leland Olds (ND)	134	90.7	12.05	.64	-	-	-	-	-	-	-	100	-	-
Big Rivers Electric Corp	498	128.9	28.97	3.37	-	-	-	-	4	296.8	2.97	100	-	*
Coleman (KY)	156	107.1	24.60	2.63	-	-	-	-	4	296.8	2.97	100	-	*
R D Green (KY)	144	142.6	30.37	3.88	-	-	-	-	-	-	-	100	-	-
Reid-Henderson (KY)	76	124.0	29.84	2.58	-	-	-	-	-	-	-	100	-	-
Wilson (KY)	123	145.1	32.34	4.21	-	-	-	-	-	-	-	100	-	-
Boston Edison Co	-	-	-	-	-	-	-	-	6,098	208.7	2.19	-	-	100
Mystic (MA)	-	-	-	-	-	-	-	-	2,012	219.6	2.38	-	-	100
New Boston (MA)	-	-	-	-	-	-	-	-	4,086	203.0	2.10	-	-	100
Brazos Electric Power Coop Inc	-	-	-	-	-	-	-	-	1,993	157.9	1.62	-	-	100
Miller (TX)	-	-	-	-	-	-	-	-	1,886	157.6	1.61	-	-	100
North Texas (TX)	-	-	-	-	-	-	-	-	108	161.1	1.87	-	-	100
Bryan City Of	-	-	-	-	-	-	-	-	584	146.2	1.54	-	-	100
Bryan (TX)	-	-	-	-	-	-	-	-	122	156.0	1.69	-	-	100
Dansby (TX)	-	-	-	-	-	-	-	-	462	143.5	1.51	-	-	100
Burbank City Of	-	-	-	-	-	-	-	-	298	285.0	2.92	-	-	100
Magnolia-Olive (CA)	-	-	-	-	-	-	-	-	298	285.0	2.92	-	-	100
Cajun Electric Power Coop Inc	420	163.6	27.30	.47	5	604.2	35.53	.00	641	149.4	1.55	91	*	9
Big Cajun No.1 (LA)	-	-	-	-	-	-	-	-	641	149.4	1.55	-	-	100
Big Cajun No.2 (LA)	420	163.6	27.30	.47	5	604.2	35.53	.00	-	-	-	100	*	-
Cambridge Electric Light Co (CES)	-	-	-	-	-	-	-	-	183	331.5	3.31	-	-	100
Kendall Square (MA)	-	-	-	-	-	-	-	-	183	331.5	3.31	-	-	100
Canal Electric Co (CES)	-	-	-	-	694	310.4	19.63	2.08	-	-	-	-	100	-
Canal (MA)	-	-	-	-	694	310.4	19.63	2.08	-	-	-	-	100	-
Cardinal Operating Co (AEP)	306	150.3	36.48	2.51	-	-	-	-	-	-	-	100	-	-
Cardinal (OH)	306	150.3	36.48	2.51	-	-	-	-	-	-	-	100	-	-
Carolina Power & Light Co	841	183.4	46.06	.89	11	546.5	31.68	.20	-	-	-	100	*	-
Asheville (NC)	86	132.1	35.16	1.18	1	515.3	29.87	.20	-	-	-	100	*	-
Cape Fear (NC)	53	215.5	55.20	1.01	-	-	-	-	-	-	-	100	-	-
Lee (NC)	22	218.3	55.96	1.00	-	-	-	-	-	-	-	100	-	-
Mayo (NC)	116	197.0	47.62	.63	5	549.3	31.84	.20	-	-	-	99	1	-
Robinson (SC)	22	188.8	46.47	1.21	1	507.4	29.41	.20	-	-	-	99	1	-
Roxboro (NC)	498	184.6	46.15	.86	3	570.3	33.05	.20	-	-	-	100	*	-
Sutton (NC)	33	184.8	47.07	1.03	1	541.3	31.37	.20	-	-	-	99	1	-
Weatherspoon (NC)	10	168.0	42.51	1.18	-	-	-	-	-	-	-	100	-	-
Cedar Falls City Of	-	-	-	-	-	-	-	-	6	208.6	2.09	-	-	100
Streeter (IA)	-	-	-	-	-	-	-	-	6	208.6	2.09	-	-	100
Centel Corp	-	-	-	-	-	-	-	-	631	145.8	1.48	-	-	100
Cimarron River (KS)	-	-	-	-	-	-	-	-	229	188.3	1.85	-	-	100
Large (KS)	-	-	-	-	-	-	-	-	402	122.7	1.27	-	-	100
Mullergren (KS)	-	-	-	-	-	-	-	-	*	878.8	8.60	-	-	100
Central Electric Pwr Coop-MO	16	126.7	27.87	2.92	-	-	-	-	-	-	-	100	-	-
Chamois (MO)	16	126.7	27.87	2.92	-	-	-	-	-	-	-	100	-	-
Central Hudson Gas & Elec Corp ...	71	203.7	53.70	.56	942	345.3	22.03	1.45	781	235.8	2.44	22	69	9
Danskammer (NY)	71	203.7	53.70	.56	-	-	-	-	781	235.8	2.44	70	-	30
Roseton (NY)	-	-	-	-	942	345.3	22.03	1.45	-	-	-	-	100	-
Central Illinois Light Co	222	175.4	41.93	2.03	1	443.0	25.80	.22	-	-	-	100	*	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Petroleum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Central Illinois Light Co														
Duck Creek (IL)	93	184.6	39.11	3.38	1	341.8	19.91	0.20	-	-	-	100	*	-
Edwards (IL)	129	170.0	43.96	1.06	1	578.7	33.69	.24	-	-	-	100	*	-
Central Illinois Pub Serv Co	390	162.7	35.83	2.88	8	831.8	36.54	.30	-	-	-	99	1	-
Coffeen (IL)	188	162.9	34.49	3.49	-	578.1	33.40	.28	-	-	-	100	*	-
Grand Tower (IL)	9	165.2	38.45	2.94	1	638.1	37.18	.22	-	-	-	98	2	-
Hutsonville (IL)	17	144.1	33.41	2.70	1	680.8	39.29	.27	-	-	-	99	1	-
Meredosa (IL)	39	146.7	33.32	2.59	3	589.6	34.07	.27	-	-	-	98	2	-
Newton (IL)	137	169.1	38.51	2.14	4	653.8	37.81	.33	-	-	-	99	1	-
Central Iowa Power Coop	7	117.9	26.10	2.84	-	-	-	-	*	398.0	4.12	100	-	*
Fair Station (IA)	7	117.9	26.10	2.84	-	-	-	-	*	398.0	4.12	100	-	*
Central Louisiana Elec Co Inc	479	155.4	23.57	.50	-	-	-	-	3,453	211.7	2.21	67	-	33
Coughlin (LA)	-	-	-	-	-	-	-	-	455	247.0	2.62	-	-	100
Dolet Hills (LA)	309	131.7	18.25	.51	-	-	-	-	9	199.6	2.05	100	-	*
Rodemacher (LA)	170	189.3	33.24	.49	-	-	-	-	1,654	196.1	2.02	64	-	36
Teche (LA)	-	-	-	-	-	-	-	-	1,335	218.5	2.29	-	-	100
Central Maine Power Co	-	-	-	-	220	263.0	16.53	.31	-	-	-	-	100	-
Wyman (ME)	-	-	-	-	220	263.0	16.53	.31	-	-	-	-	100	-
Central Nebraska Pub P&I Dist	-	-	-	-	-	-	-	-	69	161.7	1.56	-	-	100
Canaday (NE)	-	-	-	-	-	-	-	-	69	161.7	1.56	-	-	100
Central Operating Co (AEP)	131	135.6	33.47	1.05	-	-	-	-	-	-	-	100	-	-
Sporn (WV)	131	135.6	33.47	1.05	-	-	-	-	-	-	-	100	-	-
Central Power & Light Co (CSW)	148	212.3	45.41	.41	4	402.8	23.43	.33	8,974	194.6	2.07	25	*	75
Bates (TX)	-	-	-	-	-	-	-	-	618	178.5	2.06	-	-	100
Coletto Creek (TX)	148	212.3	45.41	.41	-	-	-	-	-	-	-	100	-	-
Davis (TX)	-	-	-	-	-	-	-	-	2,644	214.5	2.17	-	-	100
Hill (TX)	-	-	-	-	-	-	-	-	1,112	147.2	1.55	-	-	100
Joslin (TX)	-	-	-	-	4	402.8	23.43	.33	975	143.6	1.52	-	2	98
La Palma (TX)	-	-	-	-	-	-	-	-	807	178.4	2.00	-	-	100
Laredo (TX)	-	-	-	-	-	-	-	-	625	263.8	2.93	-	-	100
Nueces Bay (TX)	-	-	-	-	-	-	-	-	1,968	215.3	2.28	-	-	100
Victoria (TX)	-	-	-	-	-	-	-	-	226	151.2	1.63	-	-	100
Cincinnati Gas & Electric Co	726	139.9	32.59	2.03	5	638.2	37.01	.43	-	-	-	100	*	-
Beckjord (OH)	241	137.8	31.68	2.29	1	637.6	36.78	.47	-	-	-	100	*	-
East Bend (KY)	140	150.5	34.83	1.81	1	677.7	38.94	.36	-	-	-	100	*	-
Miami Fort (OH)	286	142.9	33.68	1.72	3	632.3	36.78	.42	-	-	-	100	*	-
Zimmer (OH)	58	108.9	25.57	3.01	-	-	-	-	-	-	-	100	-	-
Cleveland Electric Illum Co	514	151.9	38.28	2.62	-	-	-	-	-	-	-	100	-	-
Ashtabula (OH)	95	145.3	36.47	3.25	-	-	-	-	-	-	-	100	-	-
Avon Lake (OH)	187	155.4	38.33	2.27	-	-	-	-	-	-	-	100	-	-
Eastlake (OH)	190	146.5	37.37	3.10	-	-	-	-	-	-	-	100	-	-
Lake Shore (OH)	42	175.5	46.23	.57	-	-	-	-	-	-	-	100	-	-
Coffeyville City Of	-	-	-	-	-	-	-	-	104	242.0	2.42	-	-	100
Coffeyville (KS)	-	-	-	-	-	-	-	-	104	242.0	2.42	-	-	100
Colorado Springs City Of	121	140.0	29.83	.43	-	-	-	-	9	563.6	5.50	100	-	*
Birdsall (CO)	-	-	-	-	-	-	-	-	8	563.6	5.50	-	-	100
Drake (CO)	61	139.4	29.69	.43	-	-	-	-	1	563.6	5.50	100	-	*
Nixon (CO)	60	140.6	29.97	.44	-	-	-	-	-	-	-	100	-	-
Colorado Ute Electric Assn Inc	518	88.0	18.17	.39	1	605.1	34.95	.43	15	257.8	2.68	100	*	*
Craig (CO)	355	88.8	18.21	.36	-	-	-	-	15	254.2	2.64	100	-	*
Hayden (CO)	158	84.8	17.79	.45	1	605.1	34.95	.43	-	793.3	8.25	100	*	*
Nucla (CO)	6	126.2	26.56	.56	-	-	-	-	-	-	-	100	-	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity 1,000 tons	Average Delivered Cost		Avg. Sul- fur %	Quantity 1,000 bbls	Average Delivered Cost		Avg. Sul- fur %	Quantity 1,000 Mcf	Average Delivered Cost		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			
Columbia City Of	10	212.0	59.88	0.63	-	-	-	-	-	-	-	100	-	-
Columbia (MO)	10	212.0	59.88	.63	-	-	-	-	-	-	-	100	-	-
Columbus & Southern Ohio El Co ..	334	159.2	37.61	2.95	2	572.7	33.35	0.00	-	-	-	100	*	-
Conesville (OH)	312	162.5	38.47	2.95	2	572.7	33.35	.00	-	-	-	100	*	-
Picway (OH)	22	111.6	25.59	2.86	-	-	-	-	-	-	-	100	-	-
Columbus City Of	4	166.4	41.67	.61	-	-	-	-	-	-	-	100	-	-
Refuse & Coal (OH)	4	166.4	41.67	.61	-	-	-	-	-	-	-	100	-	-
Commonwealth Edison Co	732	244.9	47.96	1.26	292	393.4	24.80	.62	525	296.2	3.04	86	11	3
Collins (IL)	-	-	-	-	250	366.5	23.41	.68	-	-	-	-	100	-
Crawford (IL)	13	318.5	60.83	.39	6	616.1	35.81	.24	61	420.7	4.32	72	10	18
Fisk (IL)	47	318.6	60.76	.39	-	-	-	-	124	408.2	4.20	88	-	12
Joliet (IL)	150	294.8	58.44	.39	-	-	-	-	273	216.5	2.21	91	-	9
Kincaid (IL)	211	129.0	20.43	3.43	-	-	-	-	4	329.9	3.33	100	-	*
Powerton (IL)	133	279.5	54.25	.37	-	-	-	-	8	419.7	4.20	100	-	*
State Line (IN)	22	293.1	56.88	.37	-	-	-	-	44	289.7	2.98	90	-	10
Waukegan (IL)	85	285.9	54.26	.39	8	552.3	32.10	.25	11	239.5	2.45	97	3	1
Will County (IL)	71	318.2	61.15	.38	28	563.5	32.79	.25	-	-	-	89	11	-
Commonwealth Electric Co (CES)	-	-	-	-	-	-	-	-	106	303.3	3.03	-	-	100
Cannon (MA)	-	-	-	-	-	-	-	-	106	303.3	3.03	-	-	100
Connecticut Light & Power Co	-	-	-	-	578	330.4	20.87	.84	326	215.1	2.23	-	92	8
Devon (CT)	-	-	-	-	133	356.1	22.68	1.00	-	-	-	-	100	-
Middletown (CT)	-	-	-	-	182	350.4	21.96	.50	-	-	-	-	100	-
Montville (CT)	-	-	-	-	53	267.1	16.80	1.00	326	215.1	2.23	-	50	50
Norwalk Harbor (CT)	-	-	-	-	211	312.9	19.82	.99	-	-	-	-	100	-
Consolidated Edison Co-NY Inc	-	-	-	-	1,426	402.8	25.10	.28	12,577	183.5	1.89	-	41	59
Astoria (NY)	-	-	-	-	334	425.2	26.41	.29	4,865	183.5	1.89	-	29	71
East River (NY)	-	-	-	-	71	378.2	23.64	.28	650	183.5	1.89	-	40	60
Hudson Avenue (NY)	-	-	-	-	72	376.6	23.56	.28	-	-	-	-	100	-
Ravenswood (NY)	-	-	-	-	-	-	-	-	6,291	183.5	1.89	-	-	100
Storage Facility #3	-	-	-	-	480	441.5	27.48	.28	-	-	-	-	100	-
Storage Facility #5	-	-	-	-	136	487.4	30.03	.29	-	-	-	-	100	-
Storage Facility #6	-	-	-	-	334	302.5	18.98	.26	-	-	-	-	100	-
Waterside (NY)	-	-	-	-	-	-	-	-	771	183.5	1.89	-	-	100
Consumers Power Co	748	159.4	38.17	.74	7	266.3	16.76	.82	-	-	-	100	*	-
Campbell (MI)	304	170.0	42.88	.74	-	-	-	-	-	-	-	100	-	-
Cobb (MI)	133	149.8	32.47	.67	-	-	-	-	-	-	-	100	-	-
Karn-Wadock (MI)	127	158.7	38.53	.86	7	266.3	16.76	.82	-	-	-	99	1	-
Wadock (MI)	78	141.4	30.16	.61	-	-	-	-	-	-	-	100	-	-
Whiting (MI)	106	151.2	37.25	.81	-	-	-	-	-	-	-	100	-	-
Coop Power Assn	617	65.5	8.42	.75	-	-	-	-	-	-	-	100	-	-
Coal Creek (ND)	617	65.5	8.42	.75	-	-	-	-	-	-	-	100	-	-
Dairyland Power Coop	235	134.5	24.67	1.02	4	435.0	25.58	.50	-	-	-	100	*	-
Alma-Madgett (WI)	151	140.4	25.13	.57	-	-	-	-	-	-	-	100	-	-
Genoa No.3 (WI)	84	124.5	23.84	1.81	4	435.0	25.58	.50	-	-	-	99	1	-
Dayton Power & Light Co	822	149.9	35.52	1.35	1	621.9	35.69	.70	8	337.8	3.45	100	*	*
Hutchings (OH)	-	-	-	-	-	-	-	-	8	337.8	3.45	-	-	100
Killen (OH)	144	146.4	36.68	.64	-	-	-	-	-	-	-	100	-	-
Stuart (OH)	678	150.7	35.28	1.51	1	621.9	35.69	.70	-	-	-	100	*	-
Deepwater Operating Co (ACE)	21	176.9	45.45	.76	-	-	-	-	278	219.4	2.28	65	-	35
Deepwater (NJ)	21	176.9	45.45	.76	-	-	-	-	278	219.4	2.28	65	-	35
Delmarva Power & Light Co (DMV)	238	179.6	46.72	.96	234	313.0	19.85	.97	723	215.7	2.24	73	18	9
Delaware City (DE)	-	-	-	-	-	369.1	23.37	.80	119	234.8	2.48	-	2	98
Edgemoor (DE)	59	197.4	52.61	.86	227	306.9	19.61	.99	603	211.9	2.19	43	40	17
Indian River (DE)	178	173.4	44.76	1.00	7	533.4	31.41	.25	-	-	-	99	1	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Denton City Of	-	-	-	-	-	-	-	-	159	156.0	1.65	-	-	100
Spencer (TX)	-	-	-	-	-	-	-	-	159	156.0	1.65	-	-	100
Deseret Generation & Tran Coop ..	158	220.7	48.52	0.42	-	-	-	-	-	-	-	100	-	-
Bonanza (UT)	158	220.7	48.52	.42	-	-	-	-	-	-	-	100	-	-
Detroit City Of	-	-	-	-	26	257.1	15.46	0.57	218	253.0	2.57	-	41	59
Mistersky (MI)	-	-	-	-	26	257.1	15.46	.57	218	253.0	2.57	-	41	59
Detroit Edison Co	2,348	150.1	31.57	.60	30	428.9	24.82	.24	1,325	189.2	.18	99	*	*
Belle River (MI)	537	136.0	25.92	.35	11	435.6	25.24	.25	-	-	-	99	1	-
Harbor Beach (MI)	37	182.4	48.50	.96	-	437.0	25.31	.33	-	-	-	100	*	-
Monroe (MI)	865	157.9	35.26	.81	8	430.2	24.88	.21	-	-	-	100	*	-
River Rouge (MI)	109	161.9	40.57	.68	-	-	-	-	1,321	183.8	.16	95	-	5
St Clair (MI)	646	134.6	26.18	.48	5	411.0	23.77	.29	5	312.0	3.25	100	*	*
Trenton Channel (MI)	154	185.0	42.73	.68	5	428.5	24.75	.21	-	-	-	99	1	-
Dover City Of	-	-	-	-	66	294.0	18.72	2.06	154	262.0	2.71	-	73	27
McKee Run (DE)	-	-	-	-	66	294.0	18.72	2.06	154	262.0	2.71	-	73	27
Duke Power Co	1,071	173.3	43.55	1.02	12	582.4	33.89	.30	-	-	-	100	*	-
Allen (NC)	157	178.8	45.08	1.04	4	573.3	33.29	.30	-	-	-	99	1	-
Belews Creek (NC)	288	189.7	47.09	.96	3	586.9	34.18	.30	-	-	-	100	*	-
Buck (NC)	10	154.7	39.79	.98	-	-	-	-	-	-	-	100	-	-
Cliffside (NC)	80	180.0	45.72	.99	1	658.1	38.37	.30	-	-	-	100	*	-
Dan River (NC)	46	149.5	38.64	1.14	-	-	-	-	-	-	-	100	-	-
Lee (SC)	45	155.1	39.62	1.04	-	-	-	-	-	-	-	100	-	-
Marshall (NC)	410	161.7	40.55	1.03	4	569.3	33.15	.30	-	-	-	100	*	-
Riverbend (NC)	35	197.0	50.28	1.11	-	-	-	-	-	-	-	100	-	-
Duquesne Light Co	240	130.8	32.43	1.70	3	591.0	34.10	.27	6	274.0	2.85	100	*	*
Cheswick (PA)	171	135.6	33.90	1.56	-	-	-	-	6	274.0	2.85	100	-	*
Elrama (PA)	69	118.7	28.80	2.05	3	591.0	34.10	.27	-	-	-	99	1	-
East Kentucky Power Coop	238	117.4	28.96	1.04	*	595.0	34.64	.16	-	-	-	100	*	-
Cooper (KY)	52	118.0	28.68	1.54	*	609.0	35.45	.20	-	-	-	100	*	-
Dale (KY)	21	113.9	27.74	.80	*	581.0	33.82	.12	-	-	-	100	*	-
Spurlock (KY)	165	117.7	29.21	.91	-	-	-	-	-	-	-	100	-	-
El Paso Electric Co	-	-	-	-	-	-	-	-	1,476	184.5	1.90	-	-	100
Newman (TX)	-	-	-	-	-	-	-	-	847	182.0	1.88	-	-	100
Rio Grande (TX)	-	-	-	-	-	-	-	-	629	188.0	1.92	-	-	100
Electric Energy Inc	270	117.2	27.12	1.90	1	645.3	37.83	.65	-	-	-	100	*	-
Joppa (IL)	270	117.2	27.12	1.90	1	645.3	37.83	.65	-	-	-	100	*	-
Empire District Electric Co	131	98.9	18.69	.78	-	-	-	-	13	159.0	1.65	99	-	1
Asbury (MO)	123	96.9	18.03	.69	-	-	-	-	-	-	-	100	-	-
Riverton (KS)	8	124.1	29.07	2.19	-	-	-	-	13	159.0	1.65	93	-	7
Florida Power & Light Co	-	-	-	-	4,090	354.9	22.48	1.01	8,553	307.9	3.08	-	75	25
Cape Canaveral (FL)	-	-	-	-	101	434.8	27.08	1.40	329	307.9	3.08	-	66	34
Cutler (FL)	-	-	-	-	-	-	-	-	285	307.9	3.08	-	-	100
Fort Myers (FL)	-	-	-	-	318	373.3	23.74	1.37	-	-	-	-	100	-
Lauderdale (FL)	-	-	-	-	-	-	-	-	654	307.9	3.08	-	-	100
Manatee (FL)	-	-	-	-	1,373	356.0	22.61	.98	-	-	-	-	100	-
Martin (FL)	-	-	-	-	726	383.0	24.17	.70	2,445	307.9	3.08	-	65	35
Port Everglades (FL)	-	-	-	-	700	330.0	20.81	.98	1,430	307.9	3.08	-	76	24
Riviera (FL)	-	-	-	-	120	302.8	19.41	1.00	1,830	307.9	3.08	-	30	70
Sanford (FL)	-	-	-	-	297	339.4	21.63	1.48	387	307.9	3.08	-	83	17
Turkey Point (FL)	-	-	-	-	455	338.6	21.43	.98	1,193	307.9	3.08	-	71	29
Florida Power Corp	450	172.4	43.74	.83	1,116	347.5	22.04	1.47	349	193.7	1.99	61	38	2
Anclote (FL)	-	-	-	-	8	530.1	31.58	.16	-	-	-	-	100	-
Crystal River (FL)	450	172.4	43.74	.83	6	515.1	30.89	.16	-	-	-	100	*	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Florida Power Corp														
Higgins (FL)	-	-	-	-	48	272.5	17.24	2.24	-	987.6	10.08	-	100	-
Storage Facility #1	-	-	-	-	1,022	349.6	22.21	1.43	-	-	-	-	100	-
Suwannee (FL)	-	-	-	-	5	342.9	21.40	.99	305	192.7	1.98	-	9	91
Turner (FL)	-	-	-	-	26	312.5	19.63	2.24	15	211.6	2.18	-	92	8
Fort Pierre City Of														
H D King (FL)	-	-	-	-	-	-	-	-	159	241.3	2.48	-	-	100
	-	-	-	-	-	-	-	-	159	241.3	2.48	-	-	100
Fremont City Of														
Wright (NE)	18	81.8	13.85	.33	-	-	-	-	7	178.4	1.78	98	-	2
	18	81.8	13.85	.33	-	-	-	-	7	178.4	1.78	98	-	2
Gainesville City Of														
Deerhaven (FL)	63	172.9	45.83	.66	1	281.0	17.82	1.50	632	189.6	1.95	72	*	28
Jr Kelly (FL)	63	172.9	45.83	.66	-	-	-	-	408	189.6	1.95	80	-	20
	-	-	-	-	1	281.0	17.82	1.50	224	189.6	1.95	-	3	97
Garland City Of														
Newman (TX)	-	-	-	-	-	-	-	-	1,318	154.2	1.60	-	-	100
Olinger (TX)	-	-	-	-	-	-	-	-	47	156.0	1.62	-	-	100
	-	-	-	-	-	-	-	-	1,271	154.2	1.60	-	-	100
Georgia Power Co (SC)														
Arkwright (GA)	2,351	174.8	40.67	1.62	20	614.1	35.59	.50	108	290.3	2.99	100	*	*
Atkinson-McDonough (GA)	35	161.8	40.88	2.08	1	567.3	32.88	.50	4	299.3	3.06	99	1	*
Bowen (GA)	106	157.3	39.62	1.70	-	-	-	-	105	290.0	2.99	96	-	4
Hammond (GA)	641	167.6	40.45	1.69	2	614.8	35.63	.50	-	-	-	100	*	-
Hardee Branch (GA)	173	174.0	45.11	1.61	2	602.2	34.90	.50	-	-	-	100	*	-
Mcmanus (GA)	306	163.8	40.85	1.33	1	604.5	35.04	.50	-	-	-	100	*	-
Mitchell (GA)	-	-	-	-	9	647.1	37.51	.50	-	-	-	-	100	-
Scherer (GA)	37	215.9	52.94	1.40	-	-	-	-	-	-	-	100	-	-
Wansley (GA)	442	182.5	38.33	.47	3	581.4	33.70	.50	-	-	-	100	*	-
Yates (GA)	337	190.3	42.05	2.69	1	521.7	30.24	.50	-	-	-	100	*	-
	274	180.4	42.26	2.29	1	600.0	34.78	.50	-	-	-	100	*	-
Glendale City Of														
Glendale (CA)	-	-	-	-	-	-	-	-	221	220.0	2.29	-	-	100
	-	-	-	-	-	-	-	-	221	220.0	2.29	-	-	100
Grand Island City Of														
Platte (NE)	22	68.9	11.51	.36	-	-	-	-	-	-	-	100	-	-
	22	68.9	11.51	.36	-	-	-	-	-	-	-	100	-	-
Grand River Dam Authority														
GRDA No 1 (OK)	347	101.5	17.42	.39	-	-	-	-	11	201.8	2.00	100	-	*
	347	101.5	17.42	.39	-	-	-	-	11	201.8	2.00	100	-	*
Greenville City Of														
Greenville (TX)	-	-	-	-	-	-	-	-	178	158.0	1.70	-	-	100
	-	-	-	-	-	-	-	-	178	158.0	1.70	-	-	100
Gulf Power Co														
Crist (FL)	272	190.7	45.93	2.92	1	409.1	23.54	.45	304	158.1	1.58	95	*	4
Scholtz (FL)	219	188.1	45.31	2.93	-	-	-	-	304	158.1	1.58	95	-	5
Smith (FL)	10	159.8	39.14	2.96	-	365.5	21.03	.45	-	-	-	100	*	-
	42	212.3	50.84	2.89	1	416.4	23.96	.45	-	-	-	99	1	-
Gulf States Utilities Co														
Lewis Creek (TX)	211	194.3	34.10	.48	44	259.5	16.10	.24	19,409	169.0	1.76	15	1	84
Nelson (LA)	-	-	-	-	-	-	-	-	2,871	168.1	1.76	-	-	100
Sabine (TX)	211	194.3	34.10	.48	5	457.3	26.53	.10	2,917	148.8	1.58	54	*	45
Willow Glen (LA)	-	-	-	-	-	-	-	-	7,950	174.6	1.80	-	-	100
	-	-	-	-	40	238.3	14.89	.25	5,671	172.3	1.80	-	4	96
Hamilton City Of														
Hamilton (OH)	5	161.6	39.54	.61	*	576.6	33.18	.21	236	188.9	1.89	36	*	64
	5	161.6	39.54	.61	*	576.6	33.18	.21	236	188.9	1.89	36	*	64
Hastings City Of														
Hastings (NE)	23	105.2	18.56	.23	-	-	-	-	-	-	-	100	-	-
	23	105.2	18.56	.23	-	-	-	-	-	-	-	100	-	-
Hawaiian Electric Co Inc														
Kahe (HI)	-	-	-	-	900	282.3	17.73	.46	-	-	-	-	100	-
Storage Facility #1	-	-	-	-	302	292.0	18.45	.47	-	-	-	-	100	-
	-	-	-	-	597	277.3	17.37	.45	-	-	-	-	100	-

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
August 1990 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pet- ro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Holland City Of	40	170.3	45.65	0.83	-	-	-	-	149	179.0	1.86	87	-	13
James De Young (MI)	40	170.3	45.65	.83	-	-	-	-	149	179.0	1.86	87	-	13
Holyoke Water Power Co (NU)	57	178.0	46.47	1.32	*	467.7	27.25	0.30	-	-	-	100	*	-
Mount Tom (MA)	57	178.0	46.47	1.32	*	467.7	27.25	.30	-	-	-	100	*	-
Hoosier Energy R E C Inc	250	122.4	26.91	3.54	4	600.7	34.62	.20	-	-	-	100	*	-
Frank E Ratts (IN)	83	129.4	20.59	3.04	*	625.4	35.57	.20	-	-	-	100	*	-
Merom (IN)	187	120.0	26.34	3.71	4	599.3	34.57	.20	-	-	-	99	1	-
Houston Lighting & Power Co	1,611	198.8	30.49	.58	14	487.3	29.05	.84	26,279	149.6	1.55	48	*	52
Bertron (TX)	-	-	-	-	3	297.0	17.76	.70	1,824	139.9	1.46	-	1	99
Cedar Bayou (TX)	-	-	-	-	2	350.0	21.83	1.00	9,288	146.6	1.51	-	*	100
Deepwater (TX)	-	-	-	-	-	-	-	-	457	165.7	1.69	-	*	100
Green Bayou (TX)	-	-	-	-	7	613.0	35.96	.50	2,040	156.8	1.62	-	2	98
Limestone (TX)	719	145.6	19.43	.81	1	613.0	36.17	.50	74	150.9	1.51	99	*	1
Parish (TX)	893	232.6	39.40	.40	-	-	-	-	3,915	158.4	1.63	79	-	21
Robinson (TX)	-	-	-	-	-	-	-	-	6,347	146.5	1.53	-	-	100
Webster (TX)	-	-	-	-	-	-	-	-	1,406	152.0	1.51	-	-	100
Wharton (TX)	-	-	-	-	*	613.0	35.29	.50	928	155.3	1.60	-	*	100
Illinois Power Co	535	149.2	33.25	2.60	62	284.3	17.80	.69	283	175.7	1.77	95	3	2
Baldwin (IL)	336	148.6	32.48	3.06	-	-	-	-	-	-	-	100	-	-
Havana (IL)	49	155.2	38.53	.69	62	281.7	17.65	.86	-	-	-	76	24	-
Hennepin (IL)	63	149.8	31.85	2.87	-	-	-	-	29	254.8	2.61	98	-	2
Vermillion (IL)	10	122.0	26.46	2.75	1	609.5	35.33	.30	-	-	-	100	*	-
Wood River (IL)	46	167.4	41.14	.87	-	-	-	-	254	166.6	1.67	82	-	18
Imperial Irrigation District	-	-	-	-	20	227.4	14.28	1.14	197	293.2	3.01	-	39	61
El Centro (CA)	-	-	-	-	20	227.4	14.28	1.14	197	293.2	3.01	-	39	61
Independence City Of	9	159.8	38.87	3.07	1	602.2	34.75	.30	44	194.3	1.94	80	3	16
Blue Valley (MO)	9	159.8	38.87	3.07	1	602.2	34.75	.30	44	194.3	1.94	80	3	16
Indiana & Michigan Power Co (AEP)	1,309	128.1	23.14	.63	21	409.9	23.71	.00	-	-	-	99	1	-
Bread (IN)	29	149.6	32.49	3.89	1	588.9	34.08	.00	-	-	-	99	1	-
Rockport (IN)	1,108	119.7	20.57	.33	9	374.9	21.56	.00	-	-	-	100	*	-
Tanners Creek (IN)	171	164.9	38.18	2.00	11	427.4	24.83	.00	-	-	-	98	2	-
Indiana-Kentucky Electric Corp	388	105.5	24.42	3.36	1	545.0	31.50	.30	-	-	-	100	*	-
Clifty Creek (IN)	388	105.5	24.42	3.36	1	545.0	31.50	.30	-	-	-	100	*	-
Indianapolis Power & Light Co	574	105.7	23.76	2.45	-	-	-	-	-	-	-	100	-	-
Petersburg (IN)	411	97.3	21.82	2.76	-	-	-	-	-	-	-	100	-	-
Pritchard (IN)	22	112.0	25.41	2.77	-	-	-	-	-	-	-	100	-	-
Stout (IN)	141	129.2	29.14	1.47	-	-	-	-	-	-	-	100	-	-
Interstate Power Co	201	175.8	34.11	1.31	-	-	-	-	132	170.8	1.71	97	-	3
Dubuque (IA)	25	192.5	42.18	2.80	-	-	-	-	5	223.0	2.23	99	-	1
Fox Lake (MN)	12	163.6	36.01	1.98	-	-	-	-	120	160.7	1.61	89	-	31
Kapp (IA)	59	131.1	29.26	2.02	-	-	-	-	6	313.0	3.19	100	-	*
Lansing (IA)	106	205.5	34.73	.49	-	-	-	-	-	-	-	100	-	-
Iowa Electric Light & Power Co	95	142.7	29.79	1.67	4	618.2	35.96	.00	104	306.8	3.07	94	1	5
Maure Creek (IA)	48	152.8	32.31	2.05	*	570.8	33.21	.00	27	341.4	3.41	97	*	3
Sutherland (IA)	41	127.4	25.95	1.14	4	622.7	36.22	.00	28	215.1	2.15	94	2	3
6th St (IA)	6	161.8	35.86	2.25	-	-	-	-	49	340.1	3.40	73	-	27
Iowa Power & Light Co	210	101.3	16.80	.31	-	-	-	-	4	254.3	2.50	100	-	*
Council Bluffs (IA)	210	101.3	16.80	.31	-	-	-	-	4	254.3	2.50	100	-	*
Iowa Public Service Co	347	85.8	15.04	.37	-	-	-	-	16	332.5	3.32	100	-	*
George Neal 1-4 (IA)	347	85.8	15.04	.37	-	-	-	-	16	332.5	3.32	100	-	*

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pet- ro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Iowa Southern Utilities Co	214	101.8	18.16	0.86	1	602.0	34.86	0.04	-	-	-	100	*	-
Burlington (IA)	44	118.4	26.15	2.74	1	606.2	35.11	.04	-	-	-	100	*	-
Ottumwa (IA)	170	96.1	16.08	.38	-	574.9	33.29	.04	-	-	-	100	*	-
Iowa-Illinois Gas & Electric Co	208	111.6	19.86	.92	-	-	-	-	50	344.2	3.55	99	-	1
Louisa (IA)	180	105.7	17.63	.38	-	-	-	-	8	226.6	2.32	100	-	*
Riverside (IA)	48	126.8	27.30	2.72	-	-	-	-	42	366.4	3.79	96	-	4
Jacksonville Electric Authority	248	163.1	40.49	.85	361	217.7	13.78	1.76	1,557	198.0	2.07	61	23	16
Kernedy (FL)	-	-	-	-	-	-	-	-	627	198.0	2.07	-	-	100
Northside (FL)	-	-	-	-	359	215.5	13.65	1.76	483	198.0	2.07	-	82	18
Southside (FL)	-	-	-	-	-	-	-	-	447	198.0	2.07	-	-	100
St Johns River (FL)	248	163.1	40.49	.85	2	599.4	34.99	.35	-	-	-	100	*	-
Jamestown City Of	11	146.6	36.88	1.82	-	-	-	-	-	-	-	100	-	-
Samuel A Carlson (NY)	11	146.6	36.88	1.82	-	-	-	-	-	-	-	100	-	-
Jersey Central Power & Light Co (GPS)	-	-	-	-	207	403.7	25.39	.60	1,123	226.2	2.34	-	53	47
Gilbert (NJ)	-	-	-	-	128	413.7	26.02	.79	180	217.3	2.25	-	81	19
Sayreville (NJ)	-	-	-	-	79	387.3	24.37	.29	943	227.9	2.35	-	34	66
Kansas City City Of	161	135.4	25.39	.79	*	598.9	34.71	.00	105	197.4	2.04	96	*	3
Kaw (KS)	11	236.2	54.01	2.68	-	-	-	-	64	203.7	2.10	80	-	20
Nearman (KS)	100	99.3	16.46	.35	-	-	-	-	-	-	-	100	-	-
Quindaro (KS)	49	165.8	36.83	1.24	*	598.9	34.71	.00	41	187.5	1.94	96	*	4
Kansas City Power & Light Co	781	102.8	18.87	.77	-	-	-	-	18	365.3	3.80	100	-	*
Hawthorne (MO)	123	96.1	16.94	.20	-	-	-	-	18	365.3	3.80	99	-	1
Iatan (MO)	197	84.5	14.87	.37	-	-	-	-	-	-	-	100	-	-
La Cygne (KS)	350	114.8	22.39	1.34	-	-	-	-	-	-	-	100	-	-
Montrose (MO)	112	100.5	16.99	.34	-	-	-	-	-	-	-	100	-	-
Kansas Gas & Electric Co	-	-	-	-	-	-	-	-	1,081	183.1	1.87	-	-	100
Evans (KS)	-	-	-	-	-	-	-	-	572	224.6	2.16	-	-	100
Gill (KS)	-	-	-	-	-	-	-	-	509	142.0	1.55	-	-	100
Kansas Power & Light Co	731	134.0	23.75	.36	-	-	-	-	1,056	152.7	1.50	93	-	7
Hutchinson (KS)	-	-	-	-	-	-	-	-	969	148.0	1.45	-	-	100
Jeffrey Energy Cnt (KS)	563	136.2	22.69	.32	-	-	-	-	-	-	-	100	-	-
Lawrence (KS)	122	128.2	27.33	.48	-	-	-	-	58	209.8	2.16	98	-	2
Tecumseh (KS)	45	128.4	27.29	.48	-	-	-	-	28	186.7	1.95	97	-	3
Kentucky Power Co (AEP)	212	125.5	30.03	1.05	4	445.2	26.13	.00	-	-	-	100	*	-
Big Sandy (KY)	212	125.5	30.03	1.05	4	445.2	26.13	.00	-	-	-	100	*	-
Kentucky Utilities Co	480	125.8	30.48	1.63	1	571.9	33.63	.40	-	-	-	100	*	-
Brown (KY)	135	117.8	28.54	2.17	*	690.9	40.82	.40	-	-	-	100	*	-
Ghent (KY)	306	131.2	31.93	1.33	1	563.1	33.11	.40	-	-	-	100	*	-
Green River (KY)	37	109.5	25.47	2.26	-	-	-	-	-	-	-	100	-	-
Tyrone (KY)	2	131.8	32.76	.91	-	-	-	-	-	-	-	100	-	-
Lafayette City Of	-	-	-	-	-	-	-	-	607	149.5	1.56	-	-	100
Bonin (LA)	-	-	-	-	-	-	-	-	607	149.5	1.56	-	-	100
Lake Worth City Of	-	-	-	-	-	-	-	-	54	227.0	2.34	-	-	100
Tom G Smith (FL)	-	-	-	-	-	-	-	-	54	227.0	2.34	-	-	100
Lakeland City Of	93	202.5	49.52	1.14	51	223.9	14.09	2.29	534	188.7	1.92	72	10	17
Larsen Mem (FL)	-	-	-	-	-	-	-	-	1	178.4	1.84	-	-	100
Plant 3-McIntosh (FL)	93	202.5	49.52	1.14	51	223.9	14.09	2.29	533	186.7	1.92	72	10	17
Lansing City Of	130	181.2	47.11	.84	1	442.0	25.62	.30	-	-	-	100	*	-
Eckert (MI)	57	185.8	48.17	.82	1	442.0	25.62	.30	-	-	-	100	*	-
Erickson (MI)	73	177.7	46.28	.85	*	442.0	25.62	.30	-	-	-	100	*	-
Ottawa (MI)	-	-	-	-	*	442.0	25.62	.30	-	-	-	-	100	-

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
August 1990 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pet- ro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Long Island Lighting Co	-	-	-	-	1,590	347.3	22.15	0.91	4,427	184.1	1.90	-	69	31
Barrett (NY)	-	-	-	-	-	-	-	-	2,505	189.0	1.95	-	-	100
Far Rockaway (NY)	-	-	-	-	-	-	-	-	839	191.7	1.98	-	-	100
Glenwood (NY)	-	-	-	-	-	-	-	-	1,289	171.0	1.77	-	-	100
Northport (NY)	-	-	-	-	1,286	345.2	22.02	.91	-	-	-	-	100	-
Port Jefferson (NY)	-	-	-	-	304	356.3	22.70	.94	-	-	-	-	100	-
Los Angeles City Of	434	142.6	33.49	0.50	-	-	-	-	6,010	252.4	2.83	62	-	38
Harbor (CA)	-	-	-	-	-	-	-	-	45	252.4	2.82	-	-	100
Haynes (CA)	-	-	-	-	-	-	-	-	4,124	252.4	2.84	-	-	100
Intermountain (UT)	434	142.6	33.49	.50	-	-	-	-	-	-	-	100	-	-
Scattergood (CA)	-	-	-	-	-	-	-	-	1,839	252.4	2.61	-	-	100
Valley (CA)	-	-	-	-	-	-	-	-	202	252.4	2.83	-	-	100
Louisiana Power & Light Co (MSU)	-	-	-	-	48	411.9	24.95	.55	12,487	128.7	1.35	-	2	98
Little Gypsy (LA)	-	-	-	-	10	498.8	29.43	.26	3,436	120.6	1.28	-	2	98
Nine Mile (LA)	-	-	-	-	18	498.8	30.67	.26	6,258	122.1	1.28	-	2	98
Sterlington (LA)	-	-	-	-	2	516.4	29.61	.34	204	160.7	1.68	-	5	95
Waterford (LA)	-	-	-	-	18	266.5	16.23	1.02	2,569	153.0	1.59	-	4	96
Louisville Gas & Electric Co	490	111.3	25.62	2.97	*	545.5	32.31	.42	9	213.0	2.18	100	*	*
Cane Run (KY)	132	119.2	27.23	2.90	*	610.7	35.91	.42	5	213.0	2.18	100	*	*
Mill Creek (KY)	312	109.8	25.39	3.04	*	488.3	28.71	.42	4	213.0	2.18	100	*	*
Trimble County (KY)	46	98.3	22.54	2.65	-	-	-	-	-	-	-	100	-	-
Lower Colorado River Authority	469	128.3	22.16	.41	3	439.4	26.02	.00	2,158	152.7	1.55	79	*	21
Gideon (TX)	-	-	-	-	-	-	-	-	1,708	151.6	1.53	-	-	100
S Seymour-Fayette (TX)	469	128.3	22.16	.41	3	439.4	26.02	.00	-	-	-	100	*	-
T C Ferguson (TX)	-	-	-	-	-	-	-	-	450	156.8	1.61	-	-	100
Lubbock City Of	-	-	-	-	-	-	-	-	595	191.3	2.18	-	-	100
Holly Ave (TX)	-	-	-	-	-	-	-	-	595	191.3	2.18	-	-	100
Madison Gas & Electric Co	8	172.5	41.96	1.93	-	-	-	-	52	278.6	2.79	79	-	21
Blount (WI)	8	172.5	41.96	1.93	-	-	-	-	52	278.6	2.79	79	-	21
Marquette City Of	18	179.1	31.68	.58	1	626.4	36.31	.00	-	-	-	98	2	-
Shiras (MI)	18	179.1	31.68	.58	1	626.4	36.31	.00	-	-	-	98	2	-
Medina Electric Coop Inc	-	-	-	-	-	-	-	-	1	140.0	1.56	-	-	100
Pearsall (TX)	-	-	-	-	-	-	-	-	1	140.0	1.56	-	-	100
Metropolitan Edison Co (GPS)	124	163.9	43.47	1.79	5	445.0	25.93	.21	-	-	-	99	1	-
Portland (PA)	74	159.5	42.31	2.03	4	441.7	25.76	.20	-	-	-	99	1	-
Titus (PA)	50	170.5	45.16	1.46	1	471.9	27.35	.30	-	-	-	100	*	-
Michigan South Central Pwr Agcy ...	24	201.1	47.46	3.31	-	-	-	-	-	-	-	100	-	-
Project I (MI)	24	201.1	47.46	3.31	-	-	-	-	-	-	-	100	-	-
Minnesota Power & Light Co	317	149.4	25.72	.73	3	642.7	38.98	.00	-	-	-	100	*	-
Aurora-Syl Laskin (MN)	10	154.9	33.52	.42	2	683.9	39.35	.00	-	-	-	96	4	-
Boswell (MN)	307	149.1	25.47	.74	2	601.5	34.61	.00	-	-	-	100	*	-
Minnkota Power Coop Inc	400	44.9	6.07	1.09	*	535.7	31.50	.40	-	-	-	100	*	-
Young (ND)	400	44.9	6.07	1.09	*	535.7	31.50	.40	-	-	-	100	*	-
Mississippi Power & Light Co (MSU)	-	-	-	-	101	221.7	14.08	2.85	6,221	153.7	1.60	-	9	91
Brown (MS)	-	-	-	-	-	-	-	-	926	157.1	1.64	-	-	100
Delta (MS)	-	-	-	-	-	-	-	-	100	152.4	1.59	-	-	100
Gerald Andrus (MS)	-	-	-	-	10	249.2	15.78	2.47	2,817	150.1	1.57	-	2	98
Wilson (MS)	-	-	-	-	91	218.5	13.88	2.89	2,378	156.6	1.62	-	19	81
Mississippi Power Co (SC)	265	157.8	40.15	1.64	-	-	-	-	2,094	163.9	1.68	78	-	24
Daniel (MS)	143	165.8	43.32	.72	-	-	-	-	-	-	-	100	-	-

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
August 1990 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Mississippi Power Co (SC)														
Eaton (MS)	-	-	-	-	-	-	-	-	309	161.4	1.64	-	-	100
Sweatt (MS)	-	-	-	-	-	-	-	-	299	185.2	1.89	-	-	100
Watson (MS)	122	147.7	36.41	2.73	-	-	-	-	1,485	160.1	1.64	66	-	34
Missouri Public Service Comm														
Sibley (MO)	83	167.3	36.84	3.06	-	-	-	-	-	-	-	100	-	-
Monongahela Power Co (APS)														
Albright (WV)	36	112.4	27.88	1.74	1	535.1	31.69	.30	-	-	-	99	1	-
Ft Martin (WV)	243	145.9	36.79	1.99	*	664.9	39.38	.30	-	-	-	100	*	-
Harrison (WV)	469	135.3	35.54	3.12	*	446.4	26.44	.30	4	663.2	6.63	100	*	*
Pleasants (WV)	305	113.3	28.17	3.14	5	556.8	32.97	.30	-	-	-	100	*	-
Rivesville (WV)	12	133.1	33.33	1.02	1	453.1	26.83	.30	-	-	-	99	1	-
Willow Island (WV)	28	123.9	30.59	1.41	*	411.7	24.38	.30	-	-	-	100	*	-
Montana Power Co														
Colstrip (MT)	555	50.6	8.92	.64	4	404.0	23.92	.00	28	159.3	1.93	99	*	*
Corette (MT)	60	67.2	11.80	.58	-	-	-	-	28	159.3	1.93	97	-	3
Montana-Dakota Utilities Co														
Coyote (ND)	202	72.4	10.06	1.28	-	-	-	-	-	-	-	100	-	-
Haskett (ND)	32	100.8	14.58	1.08	-	-	-	-	-	383.0	3.83	100	-	*
Lewis and Clark (MT)	18	100.1	13.45	.44	-	-	-	-	1	373.1	4.24	100	-	*
Montaup Electric Co														
Somerset (MA)	26	184.2	47.13	1.06	2	579.4	33.98	.28	-	-	-	98	2	-
Muscataine City Of														
Muscataine (IA)	68	191.2	43.39	2.96	-	-	-	-	1	232.0	2.32	100	-	*
Nebraska Public Power District														
Gerald Gentleman (NE)	357	83.3	14.69	.39	-	-	-	-	41	303.0	2.91	99	-	1
Sheldon (NE)	302	84.4	14.90	.39	-	-	-	-	39	300.9	2.89	99	-	1
	55	77.1	13.55	.38	-	-	-	-	2	348.7	3.49	100	-	*
Nevada Power Co														
Clark (NV)	166	177.3	42.17	.66	-	-	-	-	622	290.6	3.00	86	-	14
Gardner (NV)	-	-	-	-	-	-	-	-	353	290.6	3.00	-	-	100
Sunrise (NV)	166	177.3	42.17	.66	-	-	-	-	-	-	-	100	-	-
	-	-	-	-	-	-	-	-	270	290.6	3.00	-	-	100
New England Power Co (NEES)														
Brayton (MA)	278	176.1	45.99	1.22	392	330.7	20.85	2.01	1,108	205.2	2.12	67	23	11
Manchester St (RI)	161	174.1	45.68	1.26	286	315.2	19.83	1.95	-	-	-	70	30	-
Salem Harbor (MA)	-	-	-	-	-	-	-	-	587	205.2	2.12	-	-	100
South St (RI)	117	178.8	46.42	1.17	107	371.9	23.59	2.17	-	-	-	82	18	-
	-	-	-	-	-	-	-	-	520	205.2	2.12	-	-	100
New Orleans Public Service Inc														
(MSU)	-	-	-	-	12	254.4	16.23	1.49	2,714	153.9	1.59	-	3	97
Michoud (LA)	-	-	-	-	12	254.4	16.23	1.49	2,714	153.9	1.59	-	3	97
New York State Elec & Gas Corp														
Gouday (NY)	350	149.3	37.71	2.24	2	636.2	36.61	.14	-	-	-	100	*	-
Greenidge (NY)	-	-	-	-	*	672.8	38.71	.14	-	-	-	-	100	-
Hickling (NY)	40	159.4	39.78	2.09	2	629.8	36.24	.14	-	-	-	99	1	-
Jennison (NY)	26	149.2	33.20	.84	-	-	-	-	-	-	-	100	-	-
Milliken (NY)	14	173.4	37.84	.80	-	-	-	-	-	-	-	100	-	-
Somerset (NY)	95	163.0	39.99	2.12	-	-	-	-	-	-	-	100	-	-
	183	139.0	36.71	2.64	-	-	-	-	-	-	-	100	-	-
Niagara Mohawk Power Corp														
Albany (NY)	301	150.8	39.59	2.01	870	374.3	23.60	1.27	3,088	201.4	2.09	48	33	19
Dunkirk (NY)	-	-	-	-	-	-	-	-	2,562	197.2	2.05	-	-	100
Huntley (NY)	153	144.1	37.79	2.27	-	-	-	-	-	-	-	100	-	-
Oswego (NY)	148	157.7	41.45	1.75	-	-	-	-	-	-	-	100	-	-
	-	-	-	-	870	374.3	23.60	1.27	526	221.9	2.29	-	91	9
Northern Indiana Pub Serv Co														
	466	169.1	36.96	1.78	-	-	-	-	918	230.9	2.31	92	-	8

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Northern Indiana Pub Serv Co														
Bailly (IN)	89	138.3	30.78	3.05	-	-	-	-	12	258.4	2.58	99	-	1
Michigan City (IN)	9	121.4	27.02	3.11	-	-	-	-	586	228.9	2.29	25	-	75
Mitchell (IN)	58	149.5	33.56	.58	-	-	-	-	296	231.7	2.32	82	-	18
Rollin Schahfer (IN)	310	183.5	39.65	1.60	-	-	-	-	24	254.5	2.54	100	-	*
Northern States Power Co														
Black Dog (MN)	13	130.4	23.68	.40	-	-	-	-	82	170.0	1.71	74	-	26
High Bridge (MN)	30	93.1	16.49	.28	-	-	-	-	38	186.0	1.87	93	-	7
King (MN)	137	127.8	22.58	.32	-	-	-	-	-	-	-	100	-	-
Riverside (MN)	73	92.3	16.27	.28	-	-	-	-	11	180.2	1.81	99	-	1
Sherburne County (MN)	674	110.6	19.36	.55	-	-	-	-	-	-	-	100	-	-
Ohio Edison Co														
Burger (OH)	124	116.2	27.51	2.97	1	587.6	34.43	.42	-	-	-	100	*	-
Edgewater (OH)	9	135.7	32.39	1.53	1	589.5	33.94	.28	-	-	-	97	3	-
Gorge Steam (OH)	4	130.3	31.70	2.25	-	622.0	36.26	.24	-	-	-	99	1	-
Niles (OH)	25	109.0	25.77	2.73	1	582.4	33.55	.24	-	-	-	100	*	-
Sammis (OH)	489	135.3	33.34	1.75	2	571.7	33.34	.34	-	-	-	100	*	-
Toronto (OH)	14	102.8	24.27	3.86	-	614.1	35.84	.29	-	-	-	100	*	-
Ohio Power Co (AEP)														
Gavin (OH)	433	185.8	41.68	3.39	-	-	-	-	-	-	-	100	-	-
Kammer (WV)	145	131.0	32.00	4.29	-	576.0	33.29	.00	-	-	-	100	*	-
Mitchell (WV)	292	190.7	45.47	1.32	12	432.8	25.30	.00	-	-	-	99	1	-
Muskingum (OH)	317	178.0	40.88	4.23	3	609.5	35.12	.00	-	-	-	100	*	-
Tidd (OH)	1	128.9	31.37	3.54	-	-	-	-	-	-	-	100	-	-
Ohio Valley Electric Corp														
Kyger Creek (OH)	284	122.6	29.30	3.80	-	450.1	25.96	.41	-	-	-	100	*	-
	284	122.6	29.30	3.80	-	450.1	25.96	.41	-	-	-	100	*	-
Oklahoma Gas & Electric Co														
Horseshoe Lake (OK)	-	-	-	-	-	-	-	-	9,853	277.9	2.88	42	-	58
Muskogee (OK)	244	140.2	25.71	.45	-	-	-	-	3,056	277.8	2.88	-	-	100
Mustang (OK)	-	-	-	-	-	-	-	-	766	277.8	2.88	85	-	15
Seminole (OK)	-	-	-	-	-	-	-	-	1,018	277.8	2.88	-	-	100
Sooner (OK)	153	142.6	26.07	.49	-	-	-	-	5,013	277.9	2.88	-	-	100
Omaha Public Power District														
Nebraska City (NE)	266	64.4	10.61	.32	-	-	-	-	94	218.2	2.16	98	-	2
North Omaha (NE)	179	63.5	10.44	.31	-	-	-	-	-	-	-	100	-	-
	87	66.3	10.97	.33	-	-	-	-	94	218.2	2.16	94	-	6
Orange & Rockland Utils Inc														
Bowlins (NY)	53	214.3	56.29	.58	457	420.5	26.21	.35	3,223	216.8	2.24	18	38	44
Lovett (NY)	-	-	-	-	457	420.5	26.21	.35	2,783	215.3	2.23	-	50	50
	53	214.3	56.29	.58	-	-	-	-	440	226.4	2.34	75	-	25
Orlando Utilities Comm														
Indian River (FL)	101	186.7	47.95	.80	181	201.4	12.85	1.31	835	238.2	2.45	56	25	19
Stanton Energy (FL)	-	-	-	-	180	199.7	12.75	1.32	835	238.2	2.45	-	57	43
	101	186.7	47.95	.80	2	383.3	23.17	.61	-	-	-	100	*	-
Otter Tail Power Co														
Big Stone (SD)	209	112.0	13.72	.95	-	657.1	38.64	.31	-	-	-	100	*	-
Hoot Lake (MN)	205	111.5	13.54	.96	-	-	-	-	-	-	-	100	-	-
	4	128.3	23.30	.34	-	657.1	38.64	.31	-	-	-	99	1	-
Owensboro City Of														
Smith (KY)	102	114.1	24.55	2.71	-	-	-	-	-	-	-	100	-	-
	102	114.1	24.55	2.71	-	-	-	-	-	-	-	100	-	-
Pacific Gas & Electric Co														
Contra Costa (CA)	-	-	-	-	-	-	-	-	22,527	299.5	3.07	-	-	100
Humboldt Bay (CA)	-	-	-	-	-	-	-	-	2,876	299.5	3.05	-	-	100
Hunters Point (CA)	-	-	-	-	-	-	-	-	116	299.5	3.06	-	-	100
Morro Bay (CA)	-	-	-	-	-	-	-	-	1,199	299.5	3.03	-	-	100
Moss Landing (CA)	-	-	-	-	-	-	-	-	2,358	299.5	3.09	-	-	100
Pittsburg (CA)	-	-	-	-	-	-	-	-	7,795	299.5	3.09	-	-	100
Potrero (CA)	-	-	-	-	-	-	-	-	7,081	299.5	3.05	-	-	100
	-	-	-	-	-	-	-	-	1,103	299.5	3.03	-	-	100

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
August 1990 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Pacific Power & Light Co	2,726	93.9	18.18	0.61	12	435.9	25.63	0.30	5	311.9	3.23	100	*	*
Carbon (UT)	58	93.2	22.38	.54	-	-	-	-	-	-	-	100	-	-
Centralia (WA)	401	153.1	24.80	.78	3	476.0	27.99	.30	-	-	-	100	*	-
Emery-Hunter (UT)	463	67.2	15.51	.49	2	374.8	22.04	.30	-	-	-	100	*	-
Huntington (UT)	280	79.3	18.26	.47	1	493.6	29.02	.30	-	-	-	100	*	-
Jim Bridger (WY)	780	102.5	19.92	.57	2	383.4	22.54	.30	-	-	-	100	*	-
Johnston (WY)	322	62.2	9.72	.45	2	440.3	25.89	.30	-	-	-	100	*	-
Naughton (WY)	245	119.4	22.92	1.02	-	-	-	-	5	311.9	3.23	100	-	*
Wyodak (WY)	177	60.6	9.75	.66	2	455.9	26.81	.30	-	-	-	100	*	-
Painesville City Of	8	141.7	34.00	2.45	-	-	-	-	*	444.0	4.44	100	-	*
Painesville (OH)	8	141.7	34.00	2.45	-	-	-	-	*	444.0	4.44	100	-	*
Pasadena City Of	-	-	-	-	-	-	-	-	375	313.1	3.21	-	-	100
Broadway (CA)	-	-	-	-	-	-	-	-	375	313.1	3.21	-	-	100
Pennsylvania Electric Co (GPS)	1,528	144.4	35.07	1.84	19	517.1	30.14	.05	-	-	-	100	*	-
Conemaugh (PA)	425	154.0	38.25	2.27	4	535.7	31.23	.05	-	-	-	100	*	-
Front St (PA)	16	143.3	35.79	1.94	1	527.9	30.77	.05	-	-	-	99	1	-
Homer City (PA)	472	152.0	35.84	1.58	2	582.8	33.97	.05	-	-	-	100	*	-
Keystone (PA)	418	137.4	33.75	1.72	4	512.8	29.89	.05	-	-	-	100	*	-
Seward (PA)	71	125.1	30.12	1.55	2	585.4	34.13	.05	-	-	-	99	1	-
Shawville (PA)	113	115.8	28.10	1.96	6	461.1	26.88	.05	-	-	-	99	1	-
Warren (PA)	13	133.3	32.93	1.83	-	-	-	-	-	-	-	100	-	-
Pennsylvania Power & Light Co	868	173.1	41.81	1.88	642	344.6	21.85	.95	-	-	-	84	16	-
Brunner Island (PA)	251	191.9	47.80	1.96	4	530.3	30.93	.10	-	-	-	100	*	-
Holtwood (PA)	27	116.7	19.59	.66	-	-	-	-	-	-	-	100	-	-
Martins Creek (PA)	50	155.5	40.40	2.29	-	-	-	-	-	-	-	100	-	-
Montour (PA)	442	176.1	43.83	2.00	4	632.2	36.66	.11	-	-	-	100	*	-
Storage Facility #1	-	-	-	-	634	341.8	21.70	.96	-	-	-	-	100	-
Sunbury (PA)	98	121.0	24.23	1.31	-	-	-	-	-	-	-	100	-	-
Pennsylvania Power Co	656	144.3	35.13	4.02	2	602.4	35.08	.26	-	-	-	100	*	-
Bruce Mansfield (PA)	612	145.5	35.42	4.21	-	-	-	-	-	-	-	100	-	-
New Castle (PA)	45	128.4	31.23	1.42	2	602.4	35.08	.26	-	-	-	99	1	-
Philadelphia Electric Co	72	168.0	44.10	1.65	507	360.4	22.86	.51	-	-	-	37	63	-
Cromby (PA)	5	159.0	42.00	2.44	-	-	-	-	-	-	-	100	-	-
Delaware (PA)	-	-	-	-	136	359.2	22.90	.45	-	-	-	-	100	-
Eddystone (PA)	67	168.7	44.26	1.59	243	380.0	24.09	.44	-	-	-	53	47	-
Schuylkill (PA)	-	-	-	-	68	378.1	23.84	.50	-	-	-	-	100	-
Storage Facility #1	-	-	-	-	58	260.3	16.47	.99	-	-	-	-	100	-
Plains Elec Gen & Trans Coop Inc.	79	130.3	23.86	.64	-	-	-	-	*	420.9	3.75	100	-	*
Escalante (NM)	79	130.3	23.86	.64	-	-	-	-	*	420.9	3.75	100	-	*
Platte River Power Authority	101	72.7	12.84	.33	-	-	-	-	-	-	-	100	-	-
Rawhide (CO)	101	72.7	12.84	.33	-	-	-	-	-	-	-	100	-	-
Portland General Electric Co	122	110.5	18.37	.30	-	-	-	-	-	-	-	100	-	-
Boardman (OR)	122	110.5	18.37	.30	-	-	-	-	-	-	-	100	-	-
Potomac Edison Co (APS)	14	152.8	40.30	1.02	1	549.5	32.54	.30	-	-	-	99	1	-
Smith (MD)	14	152.6	40.30	1.02	1	549.5	32.54	.30	-	-	-	99	1	-
Potomac Electric Power Co	708	170.5	43.19	1.61	499	389.9	24.24	.74	2,815	216.2	2.26	75	13	12
Benning (DC)	-	-	-	-	203	429.9	25.89	.96	-	-	-	-	100	-
Chalk (MD)	273	173.5	43.98	1.94	294	363.2	23.08	.60	2,815	216.2	2.26	59	16	25
Dickerson (MD)	153	149.4	37.65	1.49	-	-	-	-	-	-	-	100	-	-
Morgantown (MD)	170	177.3	44.73	1.74	2	475.8	27.48	.20	-	-	-	100	*	-
Potomac River (VA)	112	181.3	46.50	.77	-	-	-	-	-	-	-	100	-	-
Power Authority Of State Of NY	-	-	-	-	-	-	-	-	2,092	224.1	2.31	-	-	100
Poletti (NY)	-	-	-	-	-	-	-	-	2,092	224.1	2.31	-	-	100

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
August 1990 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pet- ro- leum	Gas
		Quantity 1,000 tons	(Cents per 10 ⁶ Btu)			Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)			Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)			
Public Service Co Of Colorado	651	115.8	21.88	0.37	-	-	-	-	387	205.5	2.02	97	-	3
Araphoe (CO)	23	112.8	24.98	.45	-	-	-	-	9	208.2	2.04	98	-	2
Cameo (CO)	18	95.8	22.00	.60	-	-	-	-	7	339.0	3.51	98	-	2
Cherokee (CO)	191	120.2	25.48	.43	-	-	-	-	370	202.3	1.99	92	-	8
Comanche (CO)	182	121.5	20.60	.32	-	-	-	-	1	200.1	1.99	100	-	*
Pawnee (CO)	181	110.1	18.25	.31	-	-	-	-	-	-	-	100	-	-
Valmont (CO)	57	109.3	24.21	.44	-	-	-	-	-	613.6	6.08	100	-	*
Public Service Co Of IN Inc	1,136	145.4	31.68	2.32	10	609.1	35.05	0.30	-	-	-	100	*	-
Cayuga (IN)	253	122.6	26.65	2.16	2	645.6	37.15	.30	-	-	-	100	*	-
Gallagher (IN)	33	145.2	31.70	2.33	2	585.3	33.68	.30	-	-	-	98	2	-
Gibson Station (IN)	707	157.8	34.41	2.44	2	631.5	36.34	.30	-	-	-	100	*	-
Noblesville (IN)	-	-	-	-	-	637.8	36.70	.30	-	-	-	-	100	-
Wabash River (IN)	142	124.0	27.06	2.01	4	582.6	33.52	.30	-	-	-	99	1	-
Public Service Co Of NH	105	172.8	46.20	2.43	181	171.5	11.33	1.96	-	-	-	70	30	-
Merrimack (NH)	105	172.8	46.20	2.43	-	532.7	30.98	.24	-	-	-	100	*	-
Newington Station (NH)	-	-	-	-	180	171.1	11.31	1.96	-	-	-	-	100	-
Public Service Co Of NM	509	166.1	32.91	.80	3	655.6	37.45	1.00	7	358.4	3.77	100	*	*
Reeves (NM)	-	-	-	-	-	-	-	-	7	358.4	3.77	-	-	100
San Juan (NM)	509	166.1	32.91	.80	3	655.6	37.45	1.00	-	-	-	100	*	-
Public Service Co Of Oklahoma (CSW)	368	156.0	27.93	.48	-	-	-	-	7,128	246.7	2.59	47	-	53
Northeastern (OK)	368	156.0	27.93	.48	-	-	-	-	2,084	323.0	3.49	75	-	25
Riverside (OK)	-	-	-	-	-	-	-	-	3,994	184.2	1.90	-	-	100
Southwestern (OK)	-	-	-	-	-	-	-	-	1,050	323.0	3.46	-	-	100
Public Service Electric & Gas Co ...	186	181.8	48.82	.82	221	398.7	24.47	.31	6,072	184.6	1.91	40	11	50
Bergen (NJ)	-	-	-	-	-	-	-	-	2,662	185.1	1.91	-	-	100
Burlington (NJ)	-	-	-	-	34	388.0	24.01	.45	-	-	-	-	100	-
Hudson (NJ)	127	183.5	48.25	.81	-	-	-	-	1,777	184.1	1.90	65	-	35
Linden (NJ)	-	-	-	-	188	400.6	24.55	.28	-	-	-	-	100	-
Mercer (NJ)	59	178.3	50.05	.84	-	-	-	-	251	184.3	1.90	87	-	13
Sewaren (NJ)	-	-	-	-	-	-	-	-	1,382	184.2	1.90	-	-	100
Richmond City Of	27	161.1	36.24	2.50	-	-	-	-	-	-	-	100	-	-
Whitewater (IN)	27	161.1	36.24	2.50	-	-	-	-	-	-	-	100	-	-
Rochester City Of	9	162.8	38.29	1.86	-	-	-	-	37	206.3	2.07	86	-	14
Silver Lake (MN)	9	162.8	38.29	1.86	-	-	-	-	37	206.3	2.07	86	-	14
Rochester Gas & Electric Corp	48	162.8	43.14	2.29	-	-	-	-	-	-	-	100	-	-
Rochester 3 (NY)	13	160.7	42.44	2.34	-	-	-	-	-	-	-	100	-	-
Rochester 7 (NY)	35	163.6	43.40	2.27	-	-	-	-	-	-	-	100	-	-
Ruston City Of	-	-	-	-	-	-	-	-	179	168.9	1.78	-	-	100
Steam Plant (LA)	-	-	-	-	-	-	-	-	179	168.9	1.78	-	-	100
S Mississippi Elec Pwr Assn	65	204.0	50.72	.99	-	-	-	-	936	154.3	1.57	83	-	37
Moselle (MS)	-	-	-	-	-	-	-	-	936	154.3	1.57	-	-	100
R D Morrow (MS)	65	204.0	50.72	.99	-	-	-	-	-	-	-	100	-	-
Salt River Proj Ag I & P Dist	743	122.0	26.05	.47	4	349.8	21.50	.73	75	213.8	2.21	99	*	*
Agua Fria (AZ)	-	-	-	-	3	341.7	21.19	.81	64	213.9	2.21	-	23	77
Coronado (AZ)	155	215.8	42.47	.48	-	-	-	-	-	-	-	100	-	-
Kyrene (AZ)	-	-	-	-	-	-	-	-	11	213.2	2.20	-	-	100
Navajo (AZ)	588	99.7	21.73	.47	-	403.2	23.43	.24	-	-	-	100	*	-
San Antonio City Of	272	125.1	20.91	.42	-	-	-	-	4,338	161.7	1.65	51	-	49
Braunig (TX)	-	-	-	-	-	-	-	-	1,372	162.0	1.64	-	-	100
J T Deely (TX)	272	125.1	20.91	.42	-	-	-	-	-	-	-	100	-	-
Leon Creek (TX)	-	-	-	-	-	-	-	-	-	161.8	1.69	-	-	100
Mission Rd (TX)	-	-	-	-	-	-	-	-	2	162.0	1.64	-	-	100

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
August 1990 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pet- ro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
San Antonio City Of														
Sommers (TX)	-	-	-	-	-	-	-	-	2,822	161.6	1.65	-	-	100
Tuttle (TX)	-	-	-	-	-	-	-	-	142	159.5	1.65	-	-	100
San Diego Gas & Electric Co	-	-	-	-	-	-	-	-	4,909	253.1	2.61	-	-	100
Encina (CA)	-	-	-	-	-	-	-	-	2,594	254.5	2.63	-	-	100
South Bay (CA)	-	-	-	-	-	-	-	-	2,315	251.5	2.59	-	-	100
San Miguel Electric Coop Inc	245	86.8	9.66	1.96	-	-	-	-	-	-	-	100	-	-
San Miguel (TX)	245	86.8	9.66	1.96	-	-	-	-	-	-	-	100	-	-
Savannah Electric & Power Co	87	168.9	43.13	.97	9	280.1	17.45	2.11	423	286.5	2.93	82	2	16
McIntosh (GA)	49	172.5	43.13	.85	1	678.8	39.34	.00	-	-	-	100	*	-
Port Wentworth (GA)	38	164.5	43.12	1.13	8	245.1	15.37	2.31	310	287.0	2.94	73	4	23
Riverside (GA)	-	-	-	-	-	-	-	-	114	285.1	2.92	-	-	100
Seminole Electric Coop Inc	285	201.9	48.70	2.77	3	730.7	43.43	.08	-	-	-	100	*	-
Seminole (FL)	285	201.9	48.70	2.77	3	730.7	43.43	.08	-	-	-	100	*	-
Sierra Pacific Power Co	117	195.4	41.05	.42	29	281.3	17.54	.72	2,101	153.2	1.58	51	4	45
Fort Churchill (NV)	-	-	-	-	28	268.8	16.80	.75	1,232	153.2	1.58	-	12	88
North Valmy (NV)	117	195.4	41.05	.42	1	657.6	38.25	.00	-	-	-	100	*	-
Tracy (NV)	-	-	-	-	-	-	-	-	869	153.2	1.58	-	-	100
Sikeston City Of	69	140.4	31.93	2.77	1	565.5	33.49	.26	-	-	-	99	1	-
Sikeston (MO)	69	140.4	31.93	2.77	1	565.5	33.49	.26	-	-	-	99	1	-
South Carolina Electric & Gas Co ..	454	167.2	42.77	1.20	-	-	-	-	1,729	165.0	1.69	87	-	13
Canadys (SC)	54	170.5	42.77	1.42	-	-	-	-	844	165.0	1.69	61	-	39
Hagood (SC)	-	-	-	-	-	-	-	-	4	158.1	1.62	-	-	100
Mcmeekin (SC)	31	163.3	43.84	1.63	-	-	-	-	306	165.1	1.69	72	-	28
Urguhart (SC)	56	167.6	43.20	1.23	-	-	-	-	575	165.0	1.69	71	-	29
Wateree (SC)	169	167.4	42.68	1.08	-	-	-	-	-	-	-	100	-	-
Williams (SC)	143	166.6	42.47	1.14	-	-	-	-	-	-	-	100	-	-
South Carolina Pub Serv Auth	375	174.5	43.99	1.26	-	-	-	-	-	-	-	100	-	-
Cross (SC)	124	170.5	43.04	1.12	-	-	-	-	-	-	-	100	-	-
Grainger (SC)	25	158.5	42.33	1.77	-	-	-	-	-	-	-	100	-	-
Jefferies (SC)	59	183.5	44.70	1.60	-	-	-	-	-	-	-	100	-	-
Winyah (SC)	166	177.1	44.69	1.16	-	-	-	-	-	-	-	100	-	-
Southern California Edison Co	367	125.9	27.59	.48	450	220.1	13.50	.25	19,763	262.0	2.75	25	9	66
Alamitos (CA)	-	-	-	-	-	-	-	-	5,471	264.4	2.77	-	-	100
Cool Water (CA)	-	-	-	-	-	-	-	-	241	342.7	3.54	-	-	100
El Segundo (CA)	-	-	-	-	-	-	-	-	2,072	260.3	2.69	-	-	100
Etiwanda (CA)	-	-	-	-	-	-	-	-	1,228	260.3	2.68	-	-	100
Highgrove (CA)	-	-	-	-	-	-	-	-	3	260.4	2.68	-	-	100
Huntington Beach (CA)	-	-	-	-	-	-	-	-	1,217	278.0	2.91	-	-	100
Mandalay (CA)	-	-	-	-	-	-	-	-	1,626	260.1	2.77	-	-	100
Mohave (NV)	367	125.9	27.59	.48	-	-	-	-	172	266.6	2.75	98	-	2
Ormond Beach (CA)	-	-	-	-	-	-	-	-	4,235	260.3	2.71	-	-	100
Redondo (CA)	-	-	-	-	-	-	-	-	3,382	251.7	2.73	-	-	100
San Bernardino (CA)	-	-	-	-	-	-	-	-	117	260.3	2.73	-	-	100
Storage Facility #1	-	-	-	-	450	220.1	13.50	.25	-	-	-	-	100	-
Southern Illinois Power Coop	69	80.8	15.87	2.67	1	636.0	36.29	.00	-	-	-	100	*	-
Marion (IL)	69	80.8	15.87	2.67	1	636.0	36.29	.00	-	-	-	100	*	-
Southern Indiana Gas & Elec Co	205	146.6	33.09	3.07	1	561.4	32.77	.39	4	320.7	3.29	100	*	*
A B Brown (IN)	107	147.6	33.93	3.38	1	550.4	32.13	.39	-	-	-	100	*	-
Culley (IN)	98	145.5	32.16	2.72	-	612.9	35.78	.39	2	320.7	3.29	100	*	*
Warrick (IN)	-	-	-	-	-	-	-	-	3	320.7	3.29	-	-	100
Southwestern Electric Power Co (CSW)	863	180.6	28.45	.80	-	-	-	-	2,540	234.1	2.41	84	-	16

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
August 1990 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁴ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁴ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁴ Btu)	\$ per Mcf			
Southwestern Electric Power Co (CSW)														
Arsenal Hill (LA)	-	-	-	-	-	-	-	-	43	168.0	1.82	-	-	100
Flint Creek (AR)	136	149.7	25.02	0.33	-	-	-	-	-	-	-	100	-	-
Knox Lee (TX)	-	-	-	-	-	-	-	-	673	163.3	1.78	-	-	100
Lieberman (LA)	-	-	-	-	-	-	-	-	557	158.0	1.71	-	-	100
Pirkey (TX)	275	143.2	19.53	1.82	-	-	-	-	4	270.1	2.93	100	-	*
Welsh Station (TX)	452	208.5	34.91	.32	-	-	-	-	-	-	-	100	-	-
Wilkes (TX)	-	-	-	-	-	-	-	-	1,263	316.1	3.07	-	-	100
Southwestern Public Service Co	747	172.5	30.03	.37	-	-	-	-	3,776	178.7	1.86	77	-	23
Cunningham (NM)	-	-	-	-	-	-	-	-	1,302	160.4	1.69	-	-	100
Harrington (TX)	380	154.7	27.04	.37	-	-	-	-	3	246.4	2.31	100	-	*
Jones (TX)	-	-	-	-	-	-	-	-	1,187	186.4	1.97	-	-	100
Maddox (NM)	-	-	-	-	-	-	-	-	637	178.0	1.82	-	-	100
Nichols (TX)	-	-	-	-	-	-	-	-	258	201.0	2.00	-	-	100
Plant X (TX)	-	-	-	-	-	-	-	-	384	202.5	2.08	-	-	100
Tolk (TX)	367	191.1	33.12	.38	-	-	-	-	5	246.4	2.53	100	-	*
Springfield City Of	78	133.9	31.64	2.47	-	-	-	-	713	139.5	1.43	72	-	28
James River (MO)	6	134.7	31.72	2.45	-	-	-	-	712	139.5	1.43	15	-	85
Southwest (MO)	73	133.8	31.63	2.47	-	-	-	-	1	138.3	1.43	100	-	*
Springfield City Of	82	136.1	28.27	2.92	-	-	-	-	-	-	-	100	-	-
Dallman (IL)	76	136.1	28.27	2.92	-	-	-	-	-	-	-	100	-	-
Lakeside (IL)	6	136.1	28.27	2.92	-	-	-	-	-	-	-	100	-	-
St Joseph Light & Power Co	17	132.3	30.78	3.17	7	158.6	10.22	1.64	85	169.4	1.67	76	8	16
Lakewood (MO)	17	132.3	30.78	3.17	7	158.6	10.22	1.64	85	169.4	1.67	76	8	16
Sunflower Electric Coop Inc	92	100.2	17.12	.35	-	-	-	-	-	-	-	100	-	-
Holcomb (KS)	92	100.2	17.12	.35	-	-	-	-	-	-	-	100	-	-
Tallahassee City Of	-	-	-	-	-	-	-	-	1,301	181.2	1.89	-	-	100
Hopkins (FL)	-	-	-	-	-	-	-	-	1,148	181.2	1.89	-	-	100
Purdom (FL)	-	-	-	-	-	-	-	-	153	181.2	1.89	-	-	100
Tampa Electric Co	568	181.8	44.91	2.06	21	555.9	32.14	.38	-	-	-	99	1	-
Big Bend (FL)	523	177.5	43.72	2.15	17	560.0	32.66	.34	-	-	-	99	1	-
Gannon (FL)	45	230.6	58.90	.96	5	540.2	30.23	.54	-	-	-	98	2	-
Taunton City Of	-	-	-	-	1	246.6	15.57	2.02	239	238.0	2.45	-	3	97
Cleary (MA)	-	-	-	-	1	246.6	15.57	2.02	239	238.0	2.45	-	3	97
Tennessee Valley Authority	2,925	129.6	30.47	2.51	26	577.9	33.55	.50	-	-	-	100	*	-
Allen (TN)	187	121.6	28.97	2.03	1	576.3	33.56	.50	-	-	-	100	*	-
Bull Run (TN)	215	212.7	48.98	1.00	5	586.6	33.88	.50	-	-	-	99	1	-
Colbert (AL)	120	124.2	29.85	1.43	3	579.3	33.55	.50	-	-	-	99	1	-
Cumberland (TN)	557	134.2	31.02	2.72	6	599.9	35.15	.50	-	-	-	100	*	-
Gallatin (TN)	154	122.1	29.57	2.81	1	568.2	33.55	.50	-	-	-	100	*	-
Johnsonville (TN)	89	130.7	30.35	1.62	1	573.1	33.55	.50	-	-	-	100	*	-
Kingston (TN)	334	121.1	30.68	1.31	2	527.8	30.57	.50	-	-	-	100	*	-
Paradise (KY)	652	106.6	23.20	4.45	2	581.9	33.87	.50	-	-	-	100	*	-
Sevier (TN)	184	125.1	31.94	1.72	1	441.0	25.71	.50	-	-	-	100	*	-
Shawnee (KY)	181	133.4	31.80	1.40	2	578.3	33.20	.50	-	-	-	100	*	-
Widows Creek (AL)	250	131.0	31.97	2.26	3	570.0	32.78	.50	-	-	-	100	*	-
Texas Municipal Power Agency	367	150.1	14.75	1.44	-	-	-	-	-	-	-	100	-	-
Gibbons Creek (TX)	367	150.1	14.75	1.44	-	-	-	-	-	-	-	100	-	-
Texas New Mexico Power Co	67	133.6	18.40	.99	-	-	-	-	11	164.0	1.71	99	-	1
TNP One (Tx)	67	133.6	18.40	.99	-	-	-	-	11	164.0	1.71	99	-	1
Texas Utilities Electric Co (TU)	2,886	85.2	11.11	.87	6	380.9	22.08	.50	42,332	270.1	2.82	46	*	54
Big Brown (TX)	511	81.6	10.88	.68	-	-	-	-	124	270.1	2.83	98	-	2

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pet- ro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Texas Utilities Electric Co (TU)														
Collin (TX)	-	-	-	-	-	-	-	-	424	270.1	2.84	-	-	100
Dallas (TX)	-	-	-	-	-	-	-	-	209	270.1	2.83	-	-	100
Decordova (TX)	-	-	-	-	-	-	-	-	3,884	270.1	2.81	-	-	100
Eagle Mountain (TX)	-	-	-	-	-	-	-	-	1,559	270.1	2.78	-	-	100
Graham (TX)	-	-	-	-	-	-	-	-	2,697	270.1	2.89	-	-	100
Handley (TX)	-	-	-	-	-	-	-	-	3,462	270.1	2.83	-	-	100
Lake Creek (TX)	-	-	-	-	-	-	-	-	749	270.1	2.94	-	-	100
Lake Hubbard (TX)	-	-	-	-	-	-	-	-	3,420	270.1	2.83	-	-	100
Martin Lake (TX)	1,227	90.2	12.28	1.24	4	380.9	22.08	0.50	-	-	-	100	*	-
Monticello (TX)	1,097	80.5	9.88	.54	2	380.9	22.08	.50	-	-	-	100	*	-
Morgan Creek (TX)	-	-	-	-	-	-	-	-	3,849	270.1	2.79	-	-	100
Mountain Creek (TX)	-	-	-	-	-	-	-	-	2,400	270.1	2.82	-	-	100
North Lake (TX)	-	-	-	-	-	-	-	-	2,854	270.1	2.83	-	-	100
North Main (TX)	-	-	-	-	-	-	-	-	156	270.1	2.83	-	-	100
Parkdale (TX)	-	-	-	-	-	-	-	-	969	270.1	2.75	-	-	100
Permian Basin (TX)	-	-	-	-	-	-	-	-	2,960	270.1	2.79	-	-	100
River Crest (TX)	-	-	-	-	-	-	-	-	58	270.1	3.03	-	-	100
Sandow No 4 (TX)	51	91.5	11.46	1.14	-	-	-	-	-	-	-	100	-	-
Stryker (TX)	-	-	-	-	-	-	-	-	1,492	270.1	2.86	-	-	100
Tradinghouse (TX)	-	-	-	-	-	-	-	-	6,732	270.1	2.76	-	-	100
Trinidad (TX)	-	-	-	-	-	-	-	-	662	270.1	2.91	-	-	100
Valley (TX)	-	-	-	-	-	-	-	-	3,672	270.1	2.87	-	-	100
Toledo Edison Co														
Acme (OH)	126	196.6	52.03	1.23	-	-	-	-	-	-	-	100	-	-
Acme (OH)	6	168.1	44.01	.68	-	-	-	-	-	-	-	100	-	-
Bay Shore (OH)	120	198.0	52.43	1.26	-	-	-	-	-	-	-	100	-	-
Tucson Electric Power Co														
Irvington (AZ)	21	295.4	58.26	.50	-	-	-	-	165	252.2	2.60	71	-	29
Irvington (AZ)	21	295.4	58.26	.50	-	-	-	-	165	252.2	2.60	71	-	29
Union Electric Co														
Labadie (MO)	902	149.7	32.78	1.97	3	550.0	31.65	.29	62	106.0	1.06	100	*	*
Labadie (MO)	477	138.4	31.34	2.56	3	550.0	31.65	.29	-	-	-	100	*	-
Meramec (MO)	57	207.7	48.49	1.28	-	-	-	-	10	267.5	2.69	99	-	1
Rush Island (MO)	227	143.9	28.46	.84	-	-	-	-	-	-	-	100	-	-
Sioux (MO)	141	172.9	38.25	2.09	-	-	-	-	-	-	-	100	-	-
Venice No.2 (IL)	-	-	-	-	-	-	-	-	52	74.9	.75	-	-	100
United Illuminating Co														
Bridgeport Harbor (CT)	76	221.6	58.19	.50	381	319.0	20.22	.98	822	218.5	2.26	38	46	16
Bridgeport Harbor (CT)	76	221.6	58.19	.50	116	329.0	20.90	.97	-	-	-	73	27	-
English (CT)	-	-	-	-	2	344.1	21.96	1.00	-	-	-	-	100	-
New Haven Hbr (CT)	-	-	-	-	263	314.4	19.90	.98	822	218.5	2.26	-	66	34
United Power Assn														
Stanton (ND)	115	100.5	13.85	.99	-	-	-	-	-	-	-	100	-	-
Stanton (ND)	115	100.5	13.85	.99	-	-	-	-	-	-	-	100	-	-
Vero Beach City Of														
Vero Beach (FL)	-	-	-	-	-	-	-	-	286	248.0	2.54	-	-	100
Vero Beach (FL)	-	-	-	-	-	-	-	-	286	248.0	2.54	-	-	100
Vineland City Of														
H M Down (NJ)	-	-	-	-	29	352.5	22.13	.80	-	-	-	-	100	-
H M Down (NJ)	-	-	-	-	29	352.5	22.13	.80	-	-	-	-	100	-
Virginia Electric & Power Co														
Bremo Bluff (VA)	1,064	147.3	36.94	1.52	404	431.4	26.82	.88	150	216.5	2.26	91	9	1
Bremo Bluff (VA)	34	151.6	38.72	1.10	2	543.6	31.96	.20	-	-	-	99	1	-
Chesapeake Energy (VA)	134	149.3	38.79	1.16	-	-	-	-	-	-	-	100	-	-
Chesterfield (VA)	115	149.0	38.08	.91	13	437.2	25.71	.20	-	-	-	97	3	-
Mount Storm (WV)	635	144.9	35.81	1.81	3	549.4	32.30	.20	-	-	-	100	*	-
Possum Point (VA)	68	156.3	39.01	1.05	41	435.1	26.96	.70	-	-	-	87	13	-
Storage Facility #1	-	-	-	-	346	429.3	26.78	.70	-	-	-	-	100	-
Yorktown (VA)	77	150.4	38.70	1.22	-	-	-	-	150	216.5	2.26	93	-	7
West Penn Power Co (APS)														
Armstrong (PA)	519	139.1	35.52	2.17	4	609.0	36.06	.27	2	376.5	3.76	100	*	*
Armstrong (PA)	89	126.0	30.90	1.70	-	564.9	33.45	.27	-	-	-	100	*	-
Hatfield (PA)	375	143.9	37.18	2.19	3	618.4	36.62	.27	-	-	-	100	*	-
Mitchell (PA)	56	126.1	31.72	2.81	1	583.6	34.56	.27	2	376.5	3.76	100	*	*

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, August 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
West Texas Utilities Co (CSW)	248	183.6	30.43	0.33	-	-	-	-	3,551	195.7	2.05	52	-	48
Fort Phantom (TX)	-	-	-	-	-	-	-	-	1,537	145.7	1.50	-	-	100
Oak Creek (TX)	-	-	-	-	-	-	-	-	381	334.1	3.74	-	-	100
Oklahoma (TX)	248	183.6	30.43	.33	-	-	-	-	-	-	-	100	-	-
Paint Creek (TX)	-	-	-	-	-	-	-	-	411	200.5	2.10	-	-	100
Rio Pecos (TX)	-	-	-	-	-	-	-	-	837	142.0	1.44	-	-	100
San Angelo (TX)	-	-	-	-	-	-	-	-	385	340.6	3.89	-	-	100
Western Farmers Elec Coop Inc	130	196.4	34.07	.46	-	-	-	-	340	175.9	1.83	86	-	14
Hugo (OK)	130	196.4	34.07	.46	-	-	-	-	-	-	-	100	-	-
Mooreland (OK)	-	-	-	-	-	-	-	-	340	175.9	1.83	-	-	100
Western Massachusetts Elec Co														
(NU)	-	-	-	-	3	445.5	27.44	0.67	379	231.0	2.37	-	4	96
West Springfield (MA)	-	-	-	-	3	445.5	27.44	.67	379	231.0	2.37	-	4	96
Wisconsin Electric Power Co	808	130.7	26.11	.82	-	-	-	-	42	278.6	2.80	100	-	*
Oak Creek (WI)	178	152.6	38.93	1.77	-	-	-	-	24	262.8	2.65	99	-	1
Pleasant Prairie (WI)	405	87.8	14.98	.36	-	-	-	-	10	324.8	3.27	100	-	*
Presque Isle (MI)	179	173.6	33.73	.65	-	-	-	-	-	-	-	100	-	-
Valley (WI)	46	169.4	44.68	1.73	-	-	-	-	8	266.6	2.68	99	-	1
Wisconsin Power & Light Co	605	136.8	25.34	.70	-	-	-	-	13	230.4	2.31	100	-	*
Blackhawk (WI)	-	-	-	-	-	-	-	-	13	230.4	2.31	-	-	100
Columbia (WI)	329	127.8	22.35	.48	-	-	-	-	-	-	-	100	-	-
Edgewater (WI)	182	150.2	29.59	1.07	-	-	-	-	-	-	-	100	-	-
Nelson Dewey (WI)	67	126.6	24.59	.45	-	-	-	-	-	-	-	100	-	-
Rock River (WI)	27	168.6	35.09	1.43	-	-	-	-	-	-	-	100	-	-
Wisconsin Public Service Corp	239	160.2	33.03	1.19	1	562.7	32.61	.22	18	278.4	2.80	100	*	*
Pulliam (WI)	96	178.4	41.15	2.06	-	-	-	-	18	278.4	2.80	99	-	1
Weston (WI)	143	145.3	27.59	.60	1	562.7	32.61	.22	-	-	-	100	*	-
Wyandotte Municipal Serv Comm ..	15	190.0	50.11	.78	-	-	-	-	*	275.0	2.75	100	-	*
Wyandotte (MI)	15	190.0	50.11	.78	-	-	-	-	*	275.0	2.75	100	-	*
U.S. Total	70,571	144.5	30.22	1.35	19,320	346.2	21.82	.97	304,424	215.9	2.23	77	6	16

¹ The August 1990 petroleum coke receipts were 55,600 short tons and the cost was 81.2 cents per million Btu.

² 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.

* = Number less than 0.05 rounded to zero.

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.

Notes: *Totals may not equal sum of components because of independent rounding. *Data are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. *Data for 1990 are preliminary. *Mcf=thousand cubic feet and bbl=barrel.

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

Appendix A

Major Disturbances and Unusual Occurrences

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 are based on data from the Form IE-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,
January through September 1990**

Date	Time	Area	Utility/Power Pool (NERC Council)	Type of Disturbance	Loss (megawatt)	Number of Customers Affected	Restoration Time
1/07/90	7:30 AM	East Side of Mesa, Arizona	Salt River Project Phoenix, AZ (WSCC)	¹ Bird	400	61,000	10:00 AM Same Day
1/08/90	2:30 AM	City of Richland, Washington	Richland Municipal Richland, WA (WSCC)	² Storm	NA	NA	1:09 PM 1/10/90
1/28/90	12:01 PM	Lewis County, Washington	Public Utility Dist 1 of Lewis County (WSCC)	³ BPA Tripped	120	21,000	12:19 PM Same Day
1/30/90	7:07 AM	Juneau, Alaska	Alaska Electric Light and Power Company (ASCC)	⁴ Relay Trip	40	7,500	9:06 AM Same Day
2/10/90	3:00 AM	Alabama	Alabama Power Company (SERC)	⁵ Tornadoes	300	98,000	8:00 PM 2/14/90
2/10/90	8:00 AM	Atlanta and Macon, Georgia	Georgia Power Company (SERC)	⁶ Storm	1500	500,000	6:00 PM 2/11/90
2/14/90	6:00 PM	Southwestern Illinois	Illinois Company (MAIN)	⁷ Ice Storm	NA	50,000	8:00 AM 2/18/90
2/15/90	Early AM	Pontiac and Kankakee, Illinois	Commonwealth Edison Company (MAIN)	⁸ Storm	NA	1,500	8:00 AM 2/18/90
2/16/90	3:37 PM	Reno and Carson City, Nevada	Sierra Pacific Power Company (WSCC)	⁹ Storm	650	160,000	7:05 PM Same Day
2/16/90	NA	Homer, Alaska	Homer Electric Association (ASCC)	¹⁰ Volcano	NA	NA	NA
2/25/90	11:28 AM	Seattle, Washington	Seattle City Light (WSCC)	¹¹ Transformer Fire	31	NA	4:15 PM Same Day
2/28/90	3:43 PM	Los Angeles, California	Southern California Edison Company (WSCC)	¹² Earthquake	None	None	7:26 PM Same Day
3/09/90	5:30 AM	Iowa	Several Companies (MAPP)	¹³ Storm	NA	55,400	2:00 PM 3/09/90
3/13/90	5:30 PM	Hesston, Kansas	Kansas Gas and Electric Company (SPP)	¹⁴ Tornado	NA	5,000	5:00 PM 3/16/90
3/20/90	9:40 PM	Plant Vogtle, Georgia	Georgia Power Company	¹⁵ Accident	NA	None	1:47 PM Same Day
4/22/90	9:40 PM	Santa Cruz County, California	Pacific Gas and Electric Company (WSCC)	¹⁶ Sabotage	NA	92,000	AM 4/24/90
5/03/90	3:00 PM	St. Petersburg, Florida	Florida Power Corporation (SERC)	¹⁷ Public Appeal	None	1.1 million	10:00 PM 5/24/90
5/08/90	11:00 AM	North Little Rock, Arkansas	North Little Rock, Arkansas (SPP)	¹⁸ Flood	NA	NA	NA

See endnotes on the next page.

**Table A1. Major Disturbances and Unusual Occurrences,
January through September 1990—Continued**

Date	Time	Area	Utility/Power Pool (NERC Council)	Type of Disturbance	Loss (megawatt)	Number of Customers Affected	Restoration Time
5/08/90	NA	Fort Smith, Arkansas	Arkansas Electric Cooperative (SPP)	¹⁸ Flood	NA	NA	NA
5/08/90	NA	Dardanelle, Arkansas	Southwestern Power Administration (SPP)	²⁰ Flood	NA	NA	NA
5/09/90	12:15 PM	Tuckasegee, North Carolina	Nantahala Power Light Company (SERC)	¹¹ Outage	90	NA	1:05 PM Same Day
5/24/90	8:15 AM	Near Benton Harbor, Michigan	Indiana Michigan Power Company (ECAR)	²² Fire	None	None	NA
5/24/90	2:00 PM	New York, New York	Consolidation Edison Company of New York (NPCC)	²³ VR Test	NA	2,000,000	3:03 PM Same Day
6/02/90	6:25 PM	Indiana	IPL, PSI, HE, IM (ECAR)	²⁴ Tornadoes	NA	50,000	25,000 still out 6/04/90
6/02/90	NA	Illinois	Central Illinois Public Service Company (MAIN)	²⁴ Tornadoes	NA	3,850	6/03/90 Remainder Fall 1990
6/04/90	8:59 AM	El Centro, California	Imperial Irrigation District (WSCC)	²⁸ Tornadoes	NA	3,000	9:54 AM 6/5/90
6/06/90	9:00 PM	Limon, Colorado	Mountain View Electric Cooperative (WSCC)	²⁸ Tornado	NA	2,000	NA
6/11/90	4:47 PM	Southern, California	Imperial Irrigation District (WSCC)	²⁷ Storm	367	1 Wholesale Customer	NA
6/15/90	Late Evening	Green Bay, Wisconsin	Wisconsin Public Service Corporation (MAIN)	²⁸ Explosion	None	None	6/22/90
6/18/90	4:31 AM	Southern Nevada	Nevada Power Company (WSCC)	²⁸ Vandalism	31	5,000	11:10 AM Same Day
6/19/90	9:45 PM	Wichita area, Kansas	Kansas Gas and Electric Company (SPP)	²⁸ Storm	500	60,000	6/21/90
6/26/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	³¹ PA	NA	NA	7:00 PM Same Day
6/27/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	³² PA	NA	NA	7:00 PM Same Day
6/27/90	2:00 PM	Arizona	Arizona Public Service Company (WSCC)	²⁸ Forest Fires	NA	NA	5:00 PM Same Day
6/28/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	³⁴ PA	NA	NA	7:00 PM Same Day
6/29/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	³⁴ PA	NA	NA	7:00 PM Same Day

See endnotes on the next page.

**Table A1. Major Disturbances and Unusual Occurrences,
January through September 1990—Continued**

Date	Time	Area	Utility/Power Pool (NERC Council)	Type of Disturbance	Loss (megawatt)	Number of Customers Affected	Restoration Time
6/30/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	³⁶ PA	NA	NA	7:00 PM Same Day
7/01/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	³⁷ PA	NA	330,000	7:00 PM Same Day
7/02/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	³⁸ PA	NA	330,000	7:00 PM Same Day
7/05/90	1:45 PM	Baltimore, MD and Washington, D.C.	PJM Interconnection (MAAC)	³⁹ VR, PA LS	770	NA	4:45 PM Same Day
7/12/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	⁴⁰ PA	NA	NA	7:00 PM Same Day
7/25/90	1:45 PM	Florida	Florida Power and Light Company (SERC)	⁴¹ PA LC	520	NA	6:00 PM Same Day
7/28/90	10:15 PM	Chicago, Illinois	Commonwealth Edison Company, Chicago (MAIN)	⁴² Int	310	54,000	5:00 PM 7/31/90
7/28/90	1:04 PM	Baltimore, Maryland	Baltimore Gas and Electric Company (MAAC)	⁴³ Int	430	93,925	1:07 PM Same Day
8/05/90	9:15 AM	Chicago, Illinois	Commonwealth Edison Company (MAIN)	⁴⁴ Substation Fire	NA	25,000	5:30 PM Same Day
8/06/90	5:49 PM	Pacific NW	Bonneville Pwr. Admin. and Other Utilities (WSCC)	⁴⁵ Forest Fire	814	56,162	2:27 AM on 8/07/90
8/07/90	5:36 PM	Pacific NW	Bonneville Pwr. Admin. and Other Utilities (MAAC)	⁴⁶ Forest Fire	714	162	6:55 PM Same Day
8/07/90	8:10 PM	Pacific NW	Bonneville Pwr. Admin. and Other Utilities (WSCC)	⁴⁷ Forest Fire	638	162	10:16 PM Same Day
8/13/90	4:17 PM	New York City, New York	Consolidated Edison Company of New York (NPCC)	⁴⁸ Fire	300	4,140	12:00 PM 8/20/90
8/29/90	3:22 PM	Jacksonville, Florida	Jacksonville Electric Authority (WSCC)	⁴⁹ VR	NA	320,831	4:30 PM Same Day
9/07/90	2:00 PM	Pacific NW and Calif.	Five Systems in Calif. and Pacific NW (WSCC)	⁵⁰ Lightning	1,113	31,000	4:06 PM Same Day
9/20/90	11:05 AM	Fremont-San Jose area	Pacific Gas and Electric Company (WSCC)	⁵¹ Int	550	250,000	11:52 PM Same Day

See endnotes on the next page.

- ¹ A hawk landing on a 69-kilovolt line affected a switch, tripping the line.
- ² Storm caused trees to fall on distribution lines and interrupt service. The system has a total of about 15,000 customers. The storm caused a loss of about 84,000 customer-hours of service (sum of the products of number of customers out multiplied by the length of outage for each customer).
- ³ All supply to Lewis County was interrupted when the Bonneville Power Administration 69-kilovolt feeders tripped, due to unknown causes.
- ⁴ Overload relays on a 69-kilovolt tie with Alaska Power Administration tripped the line when the power transmitted exceeded 43 megawatts on the day of the winter peak (54 megawatts) for the Alaska Electric Light and Power Company.
- ⁵ Tornadoes knocked down 70 transmission structures (which had to be rebuilt) and caused tilting of 32 others that required straightening. The lines out of service totaled 2 at 230-kilovolts, 14 at 115-kilovolts, and 20 at 44-kilovolts.
- ⁶ High winds caused loss of 4 230-kilovolt and several 115-kilovolt transmission lines and damaged distribution facilities. Winds gusted to 80 MPH.
- ⁷ High winds and ice accumulation caused galloping and intermittent contact of conductors on some transmission lines, resulting in tripping. Some distribution circuits were also affected.
- ⁸ Ice accumulation due to winds and low temperatures caused tripping of a 345-kilovolt interconnection with Public Service Company of Indiana, as well as, tripping of some 34.5-kilovolt subtransmission lines and breakage of some distribution circuit lines and poles.
- ⁹ Windstorm deposited alkali dust on 345-kilovolt line insulators, causing flashovers and tripping lines. About 30 megawatts of circuit loads were interrupted in hospitals, military, law enforcement, airports, water treatment plants.
- ¹⁰ Ash from the eruption of Mount Redoubt settled on some 14.4-kilovolt insulators and potheads, causing flashovers and temporary loss of service to some customers.
- ¹¹ Transformer fire in a vault of the 400-volt (secondary) side of the 13-kilovolt downtown underground distribution network necessitated disconnection of several feeders to allow work on the fault.
- ¹² Earthquake in the Los Angeles area caused blocking of some power transfers flowing from the north over the DC Inter tie to the Los Angeles area for several hours. Some of the power flow diverted automatically to the 500-kilovolt AC Inter tie and some was replaced by peaking units started by Southern California Edison Company. Service was not affected.
- ¹³ A snowstorm, beginning about 5:30 AM on March 7, affected several electric utilities in Iowa. Iowa Power and Light Company lost service to over 10,000 customers, some of whom were without power through the morning of March 9. On the Iowa-Illinois Gas and Electric Company System about 2,400 customers were without power from 5:30 AM until nightfall, on March 7. Interstate Power Company had problems with some 69-kilovolt lines, but no extended outages to customers resulted. A 345-kilovolt transmission line connecting Iowa Power and Light Company, Iowa-Illinois Gas and Electric Company, Iowa Public Service Company, and Interstate Power Company was put out of service when some 72 supporting towers were knocked down by the storm; it will be out of service for 2 or 3 months.
- ¹⁴ A tornado struck Hesston, toppled two 69-kilovolt and one 138-kilovolt transmission lines and destroyed many distribution circuits. Service could not be restored to many homes because they had been destroyed or appeared to be in unsafe condition for the restoration of electric power.
- ¹⁵ Georgia Power Company's Vogtle nuclear plant lost all power on the morning of March 20 when a construction vehicle hit a power line structure at the plant, cutting off all off-site power and leaving the reactor cooling system at one unit inoperable for 45 minutes. There was no release of radiation and no effect on customer service when the unit shut down. A state of emergency was declared at 9:40 AM after one of the plant's emergency generators failed to start. The emergency was lifted at 1:47 PM the same day but the plant was not put back on line pending an investigation by the Nuclear Regulatory Commission.
- ¹⁶ Saboteurs caused failure of a Pacific Gas and Electric Company 115-kilovolt transmission line in Santa Cruz County, disrupting service to about 92,000 customers. Two wood poles were cut down and a steel tower was toppled by cutting the anchor bolts. Service was restored by the use of temporary wooden support structures, pending permanent repairs.
- ¹⁷ Unexpected hot weather and larger than usual outages of generating capacity caused Florida Power Corporation to issue a public appeal for its customers to reduce their use of electricity. It is estimated that conservation measures by customers reduced load by about 300 megawatts. The company did not reduce voltage nor did it disconnect any customers.
- ¹⁸ Flood waters submerged the 20.4-megawatt hydroelectric generating unit at Murray Lock and Dam on the Arkansas River in North Little Rock, Arkansas. The city has power available from Arkansas Power and Light and via other sources. No estimate of when the unit will be back in service is available.
- ¹⁹ Fort Smith Lock and Dam No. 13, a 31-megawatt hydroelectric generating unit cannot generate power because of high water on the downstream side of the plant. No power supply problems are anticipated, since Arkansas Electric Cooperative has interconnections with Arkansas Power and Light Company.
- ²⁰ Southwestern Power Administration's 4-unit plant at Dardanelle, Arkansas cannot generate power because of high water on the downstream side of the plant. SWPA is a bulk power supplier; no problems with power supply to ultimate customers is expected.
- ²¹ Accidental contact with a portion of a main circuit during construction work caused 90 megawatts of generation to be lost. Total load at the time of the incident was about 102 megawatts and about 90 percent of this was lost for 50 minutes.
- ²² A current transformer on a 345-kilovolt circuit breaker blew up, in the switchyard of the D.C. Cook nuclear generating plant. A fire resulted, damaging the breaker and necessitating a reduction in the power output of the D.C. Cook No. 1. Customers of the system were not affected as the reduction of plant output was made up by increased output from other plants.
- ²³ Consolidated Edison Company of New York conducted a test of their voltage reduction procedures. The levels tested were 3, 5, and 8 percent during the period from 2:00 PM through 3:03 PM.
- ²⁴ About 30 tornadoes struck Indiana beginning at 6:25 PM, mainly in the southern part of the State. Some 20 transmission lines, at 138-kilovolt, 230-kilovolt, 345-kilovolt and 765-kilovolt were damaged and out of service for various periods of time. The loss of these circuits, the resultant tripping of other transmission lines, and the loss of some 69-kilovolt circuits resulted in the tripping of generating units; some were cut off by system operators, some by protective relays at 3 generating plants: Gibson (PSI) Petersburg (IPL) and Ratts (HE). The generating capacity lost totalled 3,535 megawatts: 2,100 at Gibson, 1,225 at Petersburg and 210 at Ratts. Reclosure of undamaged lines that had tripped began at 8:28 PM on June 2 and was followed by repair work on damaged structures and equipment. As repairs were completed lines were tested and returned to service. All lines, with the exception of the Petersburg (IPL) - Breed (IM) 345-kilovolt circuit, were back in service by 11:00 AM on June 24. On that line, 22 structures required repair or replacement; return to service is estimated as to occur in December 1990. Over 100 transmission structures were damaged or destroyed by the tornadoes. In addition, the sudden tripping of Gibson Unit No. 5 caused bearing damage; return to service is scheduled for July 8, 1990. The tornadoes also struck the Alton substation of Central Illinois Public Service Company, damaging bus structures and other station equipment. One of 345/138-kilovolt transformers was back in service the next day; the other transformer is expected back in service in Fall of 1990.
- ²⁵ One transformer of a 3-phase bank (total 11 MVA) exploded and caused a small fire at the El Centro Terminal Substation of Imperial Irrigation District. Rotating load shedding was instituted on a 30-minute cycle until conditions stabilized; circuits feeding fire, police and tv stations were not disconnected during the load-shedding procedure.
- ²⁶ A tornado destroyed some buildings, damaged others, and broke the wood poles of a structure supporting a 230-kilovolt transmission line over which Mountain View transmits purchased power from Tri-State Gas and Transmission Association. The line is expected to return to service on June 8. Restoration of electric service to buildings that are in safe condition is expected by June 11.
- ²⁷ Twenty-two steel towers of a 230-kilovolt transmission line from Imperial Irrigation District to Southern California Edison Company (SCE) during heavy rainstorm. Initial investigation indicates that the tower footings did not fail. Investigation is continuing. Partial service was restored such that 144 megawatts of the normal 389-megawatts delivery of power had been resumed as of the morning of June 13.
- ²⁸ A coal dust explosion, followed by fire, forced shutdown of the 383-megawatt Pulliam steam plant. Of the four units in operation, one was shutdown by the plant operator and the other three were tripped by protective relays. Three units are expected to return to service by June 22 and the fourth unit by June 30. Customer service was not affected by the incident.
- ²⁹ About 5,000 customers lost a total of some 31 megawatts when a 138-kilovolt single pole transmission structure fell after being cut by an axe and a chainsaw in a vandalism incident. Duration of the incident was from 4:31 AM to 11:10 PM.
- ³⁰ Winds up to 100 MPH caused damage to three 345-kilovolt lines and numerous distribution circuits. One 345-kilovolt line, internal to the system, was restored to service on June 20. One of the other lines, an interconnection with Oklahoma Gas and Electric Company may be back in service by mid-August of this year. The third line, an interconnection with Kansas Power and Light Company may be restored to service by Fall of 1990.

³¹ A public appeal was issued for reduction of usage from 2:00 to 7:00 PM due to a deficiency of generating capacity. Foid Gardner Unit 3 was unavailable because of a forced outage, Mohave 1 was out of service so that Nevada Power lost its 110-megawatt share of that unit, and temperatures near 110 degrees F caused high loads.

³² A public appeal to reduce loads from 2:00 to 7:00 PM was issued. Foid Gardner Unit 3 was unavailable because of boiler repairs. Importation of scheduled energy and capacity from the Collio-Sylmar 500-kilovolt D.C. line was reduced by 108 megawatts because of line restrictions. Clark Unit 8, a 70-megawatt CT, tripped as the peak load period occurred. Spinning reserve was less than the largest single contingency. Temperatures exceeded 110 degrees F.

³³ High temperatures (around 122 Deg.), increasing load and forest fires that endangered two 345-kilovolt transmission lines caused the company to issue a public appeal for reduction of electric power use. No load was interrupted. The transmission lines were not damaged by the fires.

³⁴ A public appeal was issued for conservation of load from 2:00 to 7:00 PM, because of a capacity deficiency Foid Gardner Unit 3 was unavailable because of ongoing boiler repairs, and Clark Unit 4, a 60-megawatt CT, tripped while running on its alternate fuel (No. 2 fuel oil). Sunrise Unit 2, a 60-megawatt CT, failed during two starting attempts and then flamed out. Temperatures around the 110 degree level, higher than usual, resulted in high loads. Spinning reserve was less than the largest single contingency.

³⁵ A public appeal was issued for conservation of load from 2:00 to 7:00 PM, because of a capacity deficiency. Foid Gardner Unit 3 was unavailable, loads were higher than normal because of temperatures exceeding 110 degrees and spinning reserve was less than the largest single contingency. A new peak demand record was set.

³⁶ A public appeal was issued for conservation of load from 2:00 to 7:00 PM, because of a capacity deficiency. Foid Gardner Unit 3 was unavailable, loads were higher than normal because of temperatures exceeding 110 degrees and spinning reserve was less than the largest single contingency.

³⁷ Public appeal to reduce load, because of a capacity deficiency. Foid Gardner Unit 3 was unavailable because of ongoing boiler repairs, and temperatures exceeding 110 degrees caused high loads, which set a new peak.

³⁸ Public appeal to reduce load, because of a capacity deficiency. Foid Gardner Unit 3 was unavailable because of boiler repairs, capacity from Hoover Dam was reduced by 18 megawatts because Unit A-18 was not available and capacity from the Collio-Sylmar 500-kilovolt D.C. line was reduced by 66 megawatts due to line restrictions.

³⁹ High temperatures and high humidity in the Baltimore-Washington area caused load to approach projected summer peak values. Power imports from the ECAR area were near critical levels, beyond which system collapse was possible, and several generating units tripped. As a result, during the afternoon, Potomac Electric Power Company and Baltimore Gas and Electric Company reduced voltage by 5-percent, then issued public appeals for energy conservation and ultimately went to rotating load shedding. Each system shed about 200 megawatts. The voltage reductions reduced load by about 300 megawatts; the public appeals, combined with requests to large customers for voluntary load reduction, reduced load by another 70 megawatts; and the load shedding gained 400 megawatts additional.

⁴⁰ Appeal to large general service customers to turn off their non-essential loads between 2:00 and 7:00 PM. Spinning reserve was less than the 5-percent needed to cover the largest single contingency. The company could not get its 85-megawatt share of Navaho Unit 3 because the unit was undergoing boiler repairs and the allocation of power from Hoover Dam was limited to 260 megawatts because of work in progress on the Unit N-6 at that plant.

⁴¹ High temperatures beginning on July 23 and several unplanned outages of generating equipment required issuance of a public appeal on July 25 and requests to customers with curtable and interruptible service contracts to drop or reduce loads. The reductions in load thus achieved were as follows: Curtailable rate customers, 55 megawatts; Residential Load Management Program, 75 megawatts; Commercial/Industrial load control trial project, 55 megawatts; Interruptible rate customers 85 megawatts and, Public Appeal, 250 megawatts.

⁴² Fire in a 69-kilovolt/12-kilovolt transformer at Crawsford Generating Station spread to other equipment and wiring cut off service to an estimated 54,000 customers in an area of about 800 to 900 blocks in southwest Chicago. Utility power to four hospitals and the Cook County Jail was cut off, so that those customers had to rely on their on-site emergency generators. Service to some customers was restored within about 6 hours, but some were without power until the afternoon of July 31.

⁴³ A 230-kilovolt/115-kilovolt transformer at Waugh Chapel 5 station failed due to an internal fault. Personnel working on another transformer load from the faulted transformer in the substation were able to expedite transfer of load from the faulted transformer to the transformer on which they had been working.

⁴⁴ Fire at the Columbus Park Substation of Commonwealth Edison Company. The substation is on a radial feeder and the fire posed no threat to the interconnected system.

⁴⁵ Lines 1 and 2 of the 500 KV AC Pacific NW Intertie tripped, possibly due to ash and soot, from a nearby forest fire, settling on line insulators and causing flashovers. Tripping of the two lines initiated relaying actions that opened 12 other lines, dividing WSCC into two islands. Mismatch of loads and generation in each of the islands resulted in frequency fluctuations and some tripping of generation and loads.

⁴⁶ Forest fires caused tripping of the 500 KV AC Pacific NW Intertie lines from Round Mountain to Table Mountain. Subsequent operation of protective relays opened other transmission lines, tripped 1,700 megawatts of generating capacity in the Northwest and also tripped 1,239 megawatts of capacity at the Colstrip plant in southeastern Montana and divided WSCC into two islands in accordance with pre-arranged plans. The California Department of Water Resources lost 300 megawatts of pumping load and the Pacific Gas and Electric Company lost 414 megawatts of interruptible load. Frequency in both islands fluctuated.

⁴⁷ Forest fires caused tripping of the one 500 KV Pacific NW Intertie line that was in service from Round Mountain to Table Mountain. Protective relay actions then tripped several other transmission lines, separated WSCC into two islands and tripped 400 megawatts of generation at the Colstrip plant. Pacific Gas and Electric Company lost 182 customers and 414 megawatts of interruptible load and the California Department of Water Resources lost 224 megawatts of pumping load. Frequency fluctuated in both islands.

⁴⁸ Fire in the Seaport substation caused tripping of circuits and interrupted power supply to the World Trade Center, Battery Park City, Cortlandt and Fulton networks, affecting a large part downtown Manhattan. Some customers had service restored by 4:17 PM that day. All networks except Fulton had been returned to service by 5:00 PM that day. All customers were restored by noon on August 20.

⁴⁹ A voltage reduction of 5 percent was instituted due to inadequacy of generating capacity after unforeseen loss of two generating units: tripping of St. John's No. 2 decreased capacity available by 313 megawatts (Jacksonville's share) and tripping of Northside No. 3 reduced capacity by another 518 megawatts.

⁵⁰ Lightning tripped the Hanford-John Day 500-kilovolt transmission line. When the line was tested prior to being re-energized, a bushing on the circuit breaker at the Hanford end of the line blew up. Resulting instability on the 500-kilovolt AC Pacific Intertie caused out-of-step conditions at Malin substation and tripping of several other AC transmission lines. The AC Pacific Intertie remedial action procedures, automatically initiated by relay actions, separated the WSCC system into a Northern Island and a Southern Island, tripping additional transmission lines, some generating units and some customers. Sierra Public Power Company lost 30,000 customers, Bonnesville Power Administration lost 1 interruptible customer and Southern California Edison lost 3 small substations on a 60-kilovolt line. Loss of load was BPA, 282 megawatts; Pacific Gas and Electric Company, 400 megawatts; California Department of Water Resources, 341 megawatts of pumping load; Southern California Edison Company 5 megawatts; Sierra Pacific Power Company, 85 megawatts.

⁵¹ During a normal switching operation at Newark substation in the Fremont-San Jose area, flashovers occurred on the bus selector switches. Protective relays then tripped the Newark 115-kilovolt busses No. 1 and No. 2. System frequency went immediately to 60.07 cycles then in 6 minutes returned to 60.01 cycles. Approximately 250,000 customers were effected and about 550 megawatts of load was lost. The effect on neighboring utilities was insignificant.

Note: Under the rules promulgated in 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:

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,
PJM=Pennsylvania, New Jersey, Maryland,
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

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Technical Notes

Sources of Data

The *Electric Power Monthly (EPM)* is prepared by the Electric Power 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 IE-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 Form FPC-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 utility companies 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 225 electric utilities for each fossil-fuel plant with a total generator 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 Form 423. Originally, the form collected 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 have been revised to reflect the new generator nameplate capacity threshold of 50 or more megawatts reported on the FERC Form 423.

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 utility companies 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 a statistically derived sample of over 400 privately and publicly owned electric utilities. The Form EIA-826 provides some financial data to the Department of Commerce for use in calculating the Gross National 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 1990 data. The frame for the Form EIA-826 was originally based on the 1987 submission of the Form EIA-861 (Section 1.4), which consisted of approximately 3,250 electric utilities selling retail and/or sales for resale. Updates have been made to the frame to reflect mergers that affect data processing. The sample consists of "certainty" and "noncertainty" strata

from which a selection of over 400 utilities was drawn. Since some electric utilities serve in more than one State, this includes a slightly larger number of State-service areas. (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 stratified sampling approach allowed for an explicit calculation of estimates for State, Census division, and national level sales and revenue per kilowatthour by customer sector (residential, commercial, industrial and other). Auxiliary data from the Form EIA-861 were used to improve the precision of our estimates, as reflected in the estimates of coefficients of variation. (Note that estimates at the "State level" are for sales for the entire State, and similarly for "Census division" and "National" 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 to be in the certainty stratum. These electric utilities constitute less than half the sample and about 6 percent of the population of U.S. electric utilities, but provide three-quarters of the total U.S. retail electricity sales. The allocation of electric utilities for sampling within the noncertainty sample strata was determined by the projected impact upon coefficients of variation for all sectors at the State level. The calculations used to derive electricity sales, revenue per kilowatthour, and associated CV estimates are provided in the Form EIA-826 subsection of the 2.3 Formulas Section of the Technical Notes, which follows the Sources of Data Section.

Form EIA-861 sales data for 1984 through 1988 at the national level are also presented in the *Electric Power Annual (EPA)* because these data are aggregates from actual submissions from electric utilities for the entire United States. The Form EIA-826 data for 1984 through 1988 in this publication are preliminary annual aggregates and will continue to be presented in order to maintain the historical time series for analytical purposes, although it must be remembered that there have been sample, sample design, and estimation methodology changes.

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, discussed in Section 2.3, is used for any remaining nonresponse. 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, Revenue, and Bills*; the *Financial Statistics of Selected 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 IE-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 proce-

dure (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).

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

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 auxiliary data to aid in estimation.

The sample consists of certainty and noncertainty strata from which a selection of more than 400 electric utilities was drawn. This includes a somewhat larger number of State-service areas for electric utilities. Estimation procedures include an imputation procedure to account for nonresponse. A simple form of the "Ratio-of-Identicals Method" (U.S. Bureau of the Census) or "Historical Imputation Strategy"³ is being used. "Growth" rates for similar respondents are calculated and applied to data previously reported by current nonrespondents. If needed, data from an annual survey may be used in this formulation to estimate, based on the corresponding data from similar respondents. With imputation, coefficient of variation (CV) estimates become estimates of the lower bounds for true CV's, but this effect should be minimal and could be thought of as part of the nonsampling error, which is not estimated, although attempts are made to minimize it.

Estimates of sales and revenue per kilowatthour at the State level are design-based combined ratio estimates. (Model-based estimates may be used in the future if it is shown that the results would not have been substantially different over the next few years. Note that there is no monthly census data available for analyzing the validity of a model. Therefore, a relatively large number of small utilities have been selected as Form EIA-826 respondents for the purpose of implementing design-based estimation.) State-level sales estimates are calculated using a Keyfitz formulation, modified to account for the certainty stratum in each State. Similarly, a modified double-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 national level estimates.⁴

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). Additional ratioing is due to the use of auxiliary information from the Form EIA-861.

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,

³Kott, P.S., "Nonresponse in a Periodic Sample Survey," *Journal of Business and Economic Statistics*, April 1987, Volume 5, Number 2, pp. 287-293.

⁴Knaub, J. R., Jr., "Ratio Estimation and Approximate Optimum Stratification in Electric Power Surveys," *Proceedings of the Section on Survey Research Methods*, American Statistical Association, 1989, pp. 848-853.

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.

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

Form EIA-860. Data from the Form EIA-860 are submitted at the generating unit level and are then aggregated to provide total capacity by energy source and geographic area. In addition, at the national level, data are aggregated by prime mover.

Estimated values for net summer and net winter capability for electric generating units were developed by use of a regression formula. The formula is based on reported values in the 1984 data file. The formula is used to estimate values for existing units where data are missing and for projected units. In all formulas, the symbol, *, is an operator meaning multiplied by; the symbol, **, is an operator meaning raised to the specified power (exponent).

For nuclear units,

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

where

- Design Electrical Rating is expressed in megawatts.

For non-nuclear units,

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

where

- E, the base of natural logarithms (ln), is approximately 2.71828,
- Generator Nameplate Capacity is expressed in megawatts,
- i is the intercept, and c is the regression coefficient,
- i equals 0.02564, c equals 0.98423, for steam units (Unit Type is Steam Turbine - Boiler (ST)),
- i equals 0.10255, c equals 0.97841, for gas-turbine units (Unit Types are Gas Turbine (GT) and Jet Engine (JE)),
- i equals 0.00397, c equals 0.95914, for combined-cycle units (Unit Types are Combined Cycle Steam Turbine with Supplementary Firing (CA), Combined Cycle - Single Shaft (CS), Combined Cycle Steam Turbine with Only Waste Heat Capability (CW), and Combustion Cycle Combustion Turbine (CT)),
- i equals 0.08865, c equals 1.00966, for internal combustion units (Unit Type is Internal Combustion (diesel) (IC)),
- i equals 0.04963, c equals 1.03738 for conventional and pipeline hydroelectric units (Unit Types are Hydraulic Turbine - Conventional (HC) and Hydraulic Turbine - Pipeline (HL)),
- i equals 0.00922, c equals 1.00630, for pumped storage hydroelectric units (Unit Type is Hydraulic Turbine - Reversible (pumped storage) (HR)),
- i equals 0.02604, c equals 0.98289, for all other units (Unit Types are Fuel Cell (FC), Steam Turbine - Geothermal (GE), Ocean Thermal Turbine (OC), Photovoltaic (SP), Steam Turbine - Solar (SS), and Wind Turbine (WT)).
- Net Winter Capability equals $(E^{**}i) * (\text{Generator Nameplate Capacity}^{**}c)$, rounded to nearest megawatt,

where

- E, the base of natural logarithms (ln), is approximately 2.71828,
- Generator Nameplate Capacity is expressed in megawatts for conventional hydroelectric and pipeline hydroelectric units, and in kilowatts for all other unit types,
- i is the intercept, and c is the regression coefficient,

- i equals 0.1614, c equals 0.98373, for steam units (Unit Type is ST),
- i equals 0.2249, c equals 0.97881, for gas-turbine units (Unit Types are GT and JE),
- i equals 0.9626, c equals 0.90413, for combined-cycle units (Unit Types are CA, CS, CW, and CT),
- i equals 0.1378, c equals 1.02501, for internal combustion units (Unit Type is IC),
- i equals 0.0608, c equals 1.02560, for conventional and pipeline hydroelectric units (Unit Types are HC and HL),
- i equals 0.1167, c equals 1.08540, for pumped storage hydroelectric units (Unit Type is HR),
- i equals 0.2859, c equals 0.96587, for all other units (Unit Types are FC, GE, OC, SP, SS, and WT).

Average Heat Content

Heat content values (Table C1) collected on the FERC Form 423 were used to convert the consumption data from the Form EIA-759 into Btu. Respondents to FERC Form 423 represent a subset of all generating plants (steam plants with a capacity of 50 megawatts or larger), while Form EIA-759 respondents represent all generating plants. The results, therefore, may not be completely representative.

Rounding Rules for Data

Given a number with r digits to the left of the decimal and d+t digits in the fraction part, with d being the place to which the number is to be rounded and t being the remaining digits which will be truncated, this number is rounded to r+d digits by adding 5 to the (r+d+1)th digit when the number is positive or by subtracting 5 when the number is negative. The t digits are then truncated at the (r+d+1)th digit. The symbol for a rounded number truncated to zero is (*).

Data Correction Procedure

The 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) re-

porting change is received or a substantial (greater than 1 percent) 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, Electric Power Division.

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

A goal of the Energy Information Administration (EIA) is to provide high quality data for use by industry and other organizations such as Congress and consumer groups, while not unduly burdening industry with paperwork. In reviewing data published in this report, it has come to our attention that a method used to reduce industry burden in fact does not provide the quality of data needed. Specifically, municipals and cooperatives that buy power from the Tennessee Valley Authority (TVA) have not been subject to sampling for the monthly Form EIA-826. These municipals and cooperatives, on an individual basis, provide data to the TVA, which, in turn, provides data to the EIA. However, the classification of commercial and industrial data by sector provided by the TVA do not correspond to the classification of data by sector specified on the Form EIA-861. The Form EIA-861 is used to collect annual data on an individual basis. This discrepancy is apparent when comparing the values obtained from the monthly Form EIA-826 with those of the annual Form EIA-861.

Beginning in 1991, the sampling methodology for the Form EIA-826 will be enhanced to include collection of data directly from these electric utilities on an individual basis. The electric utilities selected for this data collection adjustment will also be requested to provide data for 1990. The ratio of Form EIA-861 data to Form EIA-826 data for 1989 for each of the seven States that report to TVA for both the commercial and industrial sectors (that is, a total of 14 ratios) have been multiplied by the appropriate Form EIA-826 monthly values. This ratio procedure provides revised 1989 monthly data. For comparability, the same procedure was invoked to provide interim adjustments for 1990 data using 1989 ratios. However, upon receipt of revised data for 1990 from the electric utilities included in the 1991 sample enhancement, the raw data will be processed through the routine estimation procedure for Form EIA-826 data. Those revised estimates will replace the interim-adjusted data.

Revisions to data for average revenue per kilowatthour were accomplished by first revising sales data and revenue data as separate steps. Then the revised revenue data were divided by the revised sales data. It is believed that these revisions to the data for the commercial and industrial sectors will result in more accurate

data than those previously published, particularly for Tennessee and Alabama.

The inaccuracies in past published data addressed here may be categorized as "nonsampling error." The adjustment for this nonsampling error was accomplished through the ratio technique described earlier. Estimates of coefficients of variation (CVs, sometimes called "relative standard errors") are indicators of sampling error. When reading tables of CV estimates, it should always be remembered that they only indicate likely magnitude of error due to sampling, ignoring nonsampling error. In the case presented here, nonsampling error has been reduced, but knowing that nonsampling error is a particularly substantial problem, CVs for these results may represent considerably less than the complete error structure.

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-541
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 29, 33, and 37, respectively.

Table C1. Average Heat Content of Fossil-Fuel Receipts, August 1990

Census Division and State	Coal (Btu per ton)	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	26,231,378	6,338,281	1,043,420
Connecticut	26,280,000	6,324,876	1,035,284
Maine	-	6,287,229	-
Massachusetts	26,079,358	6,315,951	1,046,243
New Hampshire	26,731,422	6,607,908	-
Rhode Island	-	-	1,034,000
Vermont	-	-	-
Middle Atlantic	24,883,979	6,310,027	1,033,276
New Jersey	26,702,146	6,230,332	1,032,973
New York	25,841,622	6,317,151	1,033,362
Pennsylvania	24,567,884	6,328,880	1,029,762
East North Central	21,849,183	6,177,267	697,862
Illinois	21,524,066	6,281,811	1,017,117
Indiana	20,934,850	5,774,481	1,001,349
Michigan	21,845,193	5,931,758	* 304,178
Ohio	23,880,628	5,791,645	1,000,663
Wisconsin	19,406,856	5,861,333	1,004,903
West North Central	17,563,474	6,001,817	1,007,663
Iowa	18,226,674	5,812,624	1,009,652
Kansas	18,298,982	5,798,000	1,006,068
Minnesota	17,564,846	5,760,201	1,002,141
Missouri	20,919,975	6,148,156	1,022,467
Nebraska	17,142,420	-	875,903
North Dakota	13,346,066	5,880,000	1,001,000
South Dakota	12,138,000	-	-
South Atlantic	24,749,069	6,312,937	1,021,477
Delaware	26,019,146	6,372,458	1,036,305
District of Columbia	-	6,023,262	-
Florida	24,793,528	6,335,240	1,014,230
Georgia	23,354,374	5,927,829	1,024,377
Maryland	25,496,584	6,298,492	1,043,966
North Carolina	25,120,854	5,808,282	-
South Carolina	25,393,312	5,798,000	1,022,998
Virginia	25,465,977	6,217,571	1,045,235
West Virginia	24,925,235	5,854,385	1,000,000
East South Central	23,749,326	6,200,610	1,034,240
Alabama	24,399,510	5,785,031	1,028,339
Kentucky	23,052,442	5,827,731	1,016,923
Mississippi	25,329,698	6,350,086	1,034,420
Tennessee	23,979,310	5,827,789	-
West South Central	15,385,219	6,078,960	1,040,219
Arkansas	17,509,990	5,786,081	1,012,172
Louisiana	16,195,199	6,143,395	1,045,571
Oklahoma	17,767,638	-	1,043,060
Texas	14,617,365	5,898,573	1,039,565
Mountain	19,725,086	6,065,472	1,030,746
Arizona	20,655,460	6,039,577	1,030,218
Colorado	19,668,238	5,775,840	983,995
Idaho	-	-	-
Montana	17,516,253	5,922,000	1,210,379
Nevada	22,231,000	6,234,683	1,030,215
New Mexico	18,349,508	5,712,000	1,036,741
Utah	23,116,558	5,880,000	-
Wyoming	17,783,021	5,849,073	1,035,000
Pacific Contiguous	16,298,844	6,136,734	1,037,021
California	-	6,140,384	1,037,021
Oregon	16,624,000	-	-
Washington	16,200,000	5,880,000	-
Pacific Noncontiguous	-	6,281,119	-
Alaska	-	-	-
Hawaii	-	6,281,119	-
U.S. Total	20,911,117	6,302,251	1,032,441

* Consists mostly of blast furnace gas which has an heat content of 78,000 Btu per thousand cubic feet.

Note: Data for 1990 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 Revised Published Data at the National Level, 1989

Item	Preliminary	Revised	Percent Change
Sales (million kilowatthours)			
Residential	904,499	903,979	-0.06
Commercial	723,785	725,229	.20
Industrial	914,834	926,376	1.26
Other ¹	90,715	91,068	.39
Total	2,633,833	2,646,651	.49
Average Revenue per Kilowatthour (cents)			
Residential	7.84	7.84	.00
Commercial	7.21	7.23	.28
Industrial	4.72	4.69	-.64
Other ¹	6.19	6.18	-.16
Total	6.44	6.43	-.16

¹ Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
Notes: •The average revenue per kilowatthour is calculated by dividing revenue by sales. •Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, 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, Electric Power Division.

Glossary

Ampere: The unit of measurement of electrical current produced in a circuit by 1 volt acting through a resistance of 1 ohm. (See Current, Ohm, Volt.)

Anthracite: Anthracite, or hard coal, is the highest rank of economically useable coal. It is jet black with a high luster. The moisture content generally is less than 15 percent. Anthracite contains approximately 22 to 28 million Btu per ton as received and averages about 25 million Btu per ton. Its ignition temperature is approximately 925 to 970 degrees Fahrenheit. Virtually all of the anthracite mined is from northeastern Pennsylvania. It is used mostly for space heating and generating electricity.

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.

Bcf: The abbreviation for one billion cubic feet.

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 state. (See Baseload Plant.)

Baseload Capacity: The generating equipment normally operated to serve loads on a round-the-clock basis. (See Baseload, Baseload Plant.)

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. (See Baseload.)

Bituminous Coal: Bituminous coal, or soft coal, is the most common coal. It is dense, black, often with well-defined bands of bright and dull material. Its moisture content usually is less than 20 percent. The heating value ranges from 19 to 30 million Btu per ton as received and averages about 24 million Btu per ton. The ignition temperature ranges from about 700 to almost 900 degrees Fahrenheit. Bituminous coal is mined chiefly in the Appalachian and Interior coal fields. It is used for generating electricity, making coke, and space heating.

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

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 amount of electric power delivered or required for which a generator, turbine, transformer, transmission circuit, station, or system is rated by the manufacturer. (See Installed Nameplate Capacity.)

Census Divisions: The nine geographic divisions of the United States established by the Bureau of the Census, U.S. Department of Commerce for statistical analysis. The boundaries of Census divisions coincide with State boundaries. In some cases, 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. (See Current.)

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.

Coincident Demand: The sum of two or more demands that occur in the same time interval. (See Demand.)

Coincident Peak Load: The sum of two or more peak loads that occur in the same time interval. (See Peak Load.)

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

Commercial Operation: A generating unit is said to be in commercial operation when control of the loading of the unit 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 and start-up and/or flame stabilization. (See Fuel.)

Contract Cost: Price of fuels marketed on a contract basis covering a period of 1 or more years. Contract prices reflect market conditions at the time the contract was negotiated and therefore remain constant throughout the life of the contract or are adjusted through escalation clauses. Generally, contract prices do not fluctuate widely.

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. Fixed costs in the electric utility industry are associated with resources that cannot be changed easily during a short time span (such as plant and equipment) and are independent of the level of generation. Variable costs are associated with resources that can vary during a given time period (such as fuel or labor services) and are directly related to the level of generation.

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. (See Petroleum.)

Current: A flow of electrons in an electrical conductor. The strength or rate of movement of the electricity is measured in amperes. (See Ampere, Ohm, Volt.)

Demand: 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 usually in 15-, 30-, or 60-minute increments. (See Demand.)

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

Electric Utility: A corporation, person, agency, authority, or other legal entity or instrumentality that owns and/or operates facilities within the United States, its territories, or Puerto Rico for the generation, transmission, distribution, or sale of electric energy, primarily for use by the public. An entity that solely operates qualifying facilities under the Public Utility Regulatory Policies Act of 1978 is not considered an electric utility.

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. (See Energy Source.)

Energy Deliveries: Energy generated by one electric utility system and delivered to another system through one or more transmission lines. (See Wheeling Charge, Wheeling Service.)

Energy Receipts: Energy generated by one electric utility system and received by another system through one or more transmission lines. (See Wheeling Charge, Wheeling Service.)

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. (The DOE should be promptly notified as soon as practicable after the detection of any actual or suspected act(s) or event(s) directed at increasing the vulnerability of the bulk electric power system. A 24-hour maximum reporting delay is specified in the regulations; however, expeditious reporting, especially of sabotage or suspected sabotage activities is requested.)

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

Fossil Fuel: Any naturally occurring organic fuel, such as coal, crude oil, 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: Utilities shall notify the DOE whenever a subject entity determines that a fuel supply emergency exists or is projected to occur. A fuel supply emergency exists when supplies of fuels or hydroelectric storage for generation are at a level or projected to be at a level which would threaten the continuity of the bulk electric power supply system. The following factors should be taken into account to determine that a fuel emergency exists: (1) Fuel stock or hydro 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 hydro project water storage levels is projected; or (2) Unscheduled emergency generation is dispatched 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 electric service. (The DOE EOC shall be notified as soon as practicable, but no later than 3 days after the determination is made.)

Gas: Includes natural gas, coke-oven gas, blast-furnace gas, and refinery gas. Manufactured gas is reported as natural gas on FERC Form 423. (See Natural Gas.)

Generation: The process of producing electric energy by transforming other forms of energy; also, the amount of electric energy produced, expressed in kilowatthours. (See Electric Plant, Energy.)

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 electrical equipment under specified conditions as designated by the manufacturer. Generator nameplate capacity is usually indicated on a nameplate attached physically to the equipment. Installed station capacity does not include auxiliary or house units.

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. (See Watt.)

Gigawatthour (GWh): One billion watthours. (See Watthour.)

Gross Generation: The total amount of electric energy produced by a generating station or stations, measured at the generator terminals. (See Generation, Electric Plant.)

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. (See Watt.)

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. (See Load (Electric), Maximum Demand.)

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. (See Demand, Instantaneous Peak Demand, Load (Electric).)

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 and at the discretion of the distributing company under certain circumstances as specified in the service contract.

Kilowatt (kW): One thousand watts. (See Watt.)

Kilowatthour (kWh): One thousand watthours. (See Watthour.)

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: Lignite, the lowest rank of coal, is brownish black and has a high moisture content, sometimes as high as 45 percent. It tends to disintegrate when exposed to the weather. The heat content of lignite ranges from 9 to 17 million Btu per ton as received and averages about 14 million Btu per ton. The ignition temperature is approximately 600 degrees Fahrenheit. Lignite is mined in California, Louisiana, Montana, North Dakota, and Texas, and is used mainly to generate electricity in power plants that are relatively close to the mines.

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. (See Watt.)

Megawatthour (MWh): One million watthours. (See Watthour.)

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 less plant use, measured at the high-voltage terminals of the station's step-up transformer. The energy required for pumping at pumped-storage plants is regarded as plant use and must be deducted from the gross generation. (See Generation, Electric Plant.)

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 during summer peak demand.

Noncoincident Demand: Sum of two or more demands on individual systems that do not occur in the same demand interval. (See Demand, Demand Interval, System (Electric).)

Noncoincident 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 systems of the contiguous United States, Canada, and some in Mexico. The data summarized by NERC regions in this publication are limited to that portion applicable to the contiguous United States, thereby excluding that portion of NERC data applicable to Alaska, Hawaii, Canada, and Mexico. The NERC Regions are:

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 plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced by a heat transfer from the reactor vessel during the period when the nuclear fuel is undergoing fission.

Off-Peak Gas: Gas which is to be delivered and taken on demand when demand is not at its peak. (See Spot Purchases.)

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. (See Ampere, Current, Volt.)

Operable: A unit is operable when it is available to provide power to the grid. For a nuclear unit, this is 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. (See Natural Gas)

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. (See Capability, Outage.)

Peak Load: 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 operated 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 a 'round-the-clock' basis. (See Peak Load.)

Percent Difference: The relative change in a quantity over a specified time period. It is calculated as follows: The current value number has the previous value number subtracted from it, and this new number is divided by the absolute value of the previous value number; 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 2, 4, 5, 6, topped crude, kerosene, and jet fuel. (See Petroleum (Crude Oil).)

Petroleum Coke: 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 (of 42 U.S. gallons each) per short ton.

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 station at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy. A station may contain more than one type of prime mover. Electric utility plants exclude stations that satisfy the definition of 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 pump-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. (See Combined Pumped-Storage Plant, Pumped-Storage Hydroelectric Plant, Pure Pumped-Storage Hydroelectric Plant.)

Power: The rate at which energy is transferred, usually measured in watts. Also used for a measurement of capacity. (See Capacity, Energy, Watt.)

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

Prime Mover: The engine, turbine, water wheel, or similar machine that drives an electric generator.

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: A cogeneration facility or small power production facility that is not more than 50 percent owned by electric utilities and meets certain standards as defined under Section 201 of the Public Utilities Regulatory Policies Act of 1978.

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. This figure is calculated by adding running and quick-start capability to the capability available but not needed and then subtracting peak load.

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.

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. (See Capability, Load (Electric), Net Summer Capability.)

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

Scheduled Maintenance: Time when generating units are unavailable for load due to inspection or maintenance in accordance with an advanced 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. 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. (See Standby Service, Outage.)

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

Station (Electric): A plant containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy.

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 (Fuel): 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. (See Transformer, Transmission.)

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. (See Electric Plant, Substation, Transformer, Transmission.)

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. (See Substation, Switching Station.)

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. (See Current, Energy, Power, Watt.)

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. (See Transmission.)

Turbine: A machine for generating rotary mechanical power from the energy in 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.

Volt: The unit of measurement of voltage, electrical force, or pressure. The electrical force that, if steadily applied to a circuit with a resistance of 1 ohm, will produce a current of 1 ampere. (See Ampere, Current, Ohm.)

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 Charge: An amount charged by one electrical system to transmit the energy of, and for, another system or systems. (See Wheeling Service.)

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.

Energy Information Administration Electronic Publication System (EPUB) User Instructions

Selected energy statistics are available electronically on the Energy Information Administration computer facility. Public access to these machine readable statistics is possible by dialing (202) 586-8658 for 300 baud or 1200 baud line speeds. Communications are asynchronous and require a standard ASCII-type terminal. There is no charge for this service. Although no password is required, you will be required to use your telephone number as a user identifier. This service is available 7 days per week (8 a.m. - 11 p.m., Monday thru Friday and 10 a.m. - 6 p.m., weekends and holidays). Weekly statistics are updated on Wednesday (Thursday in the event of a holiday) after 5 p.m. Monthly data for the current available month, with the exception of the data for the Electric Power Monthly, are also provided and updated by 5 p.m. on the 24th of the month. Monthly data for the Electric Power Monthly are available on or about the first working day of each month. Questions or comments should be directed to Deborah Bolden (202/254-5663).

Access Instructions.

1. Dial (202) 586-8658
2. Hit carriage return two or three times until the following EPUB banner appears:

Welcome to the
Energy Information Administration
Electronic Publication System

3. Select the statistics you wish from the menu:

WPSR - Weekly Petroleum Status Report
PSMR - Petroleum Supply Monthly (PSM)
STKS - PSM State Stocks Table
WCPR - Weekly Coal Production Report
EPMS - U.S. Electric Power Statistics
Please enter the desired report identification keyword (e.g. EPMS)

4. Enter your 10-digit phone number

Note: Users who experience problems when first attempting to log on should check their terminal switch settings for the following:

- 7 Data Bits
- 1 Stop Bit
- Even Parity

END

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