DOE/EIA--0226(90/08)

DE91 004786

Electric Power Monthly

August 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, S.W., Washington, DC 20585, and sells for \$66.00 per year (price is subject to change without advance notice). Second-class postage paid at Washington, DC 20066-9998, and at 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.*

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

Generation. Total U.S. net generation of electricity reached a record level during the month--268 billion kilowatthours, slightly above the previous one-month record set in August 1988. Generation from nuclear-powered units also attained a monthly record, 1 percent above the previous monthly record set in January of this year. Higher levels of generation were reported for all major energy sources for August 1990 compared with the corresponding period last year (Table 2). Hotter-than-normal August temperatures contributed to an increase in the demand for electricity; temperatures in August were 10 percent warmer than in 1989 and 2 percent warmer than normal.

For the eleventh consecutive month, nuclear generation levels were higher than the corresponding monthly output for the previous year. Nuclear-powered generation was 56 billion kilowatthours, 1 percent above the level reported during August 1989. Monthly nuclear generation accounted for 20.8 percent of total U.S. generation in August 1990. Nuclear units in the three largest nuclear-producing Census divisions (South Atlantic, East North Central, and Middle Atlantic) generated a combined 34 billion kilowatthours, 61 percent of total nuclear-powered generation for the Nation (Table 15).

Generation from coal and gas had higher generation levels during the month, compared with August 1989, 4 and 10 percent, respectively. Petroleum-fired generation during the month was slightly above the amount reported during the corresponding period last year. Electricity produced from coal-fired plants was 147 billion kilowatthours, 5 billion kilowatthours above the amount produced during August 1989 (Table 2). Net generation from gas-fired plants was at its highest monthly level thus far this year (33 billion kilowatthours). Production of electricity from gas-fired plants in the West South Central Census Division (the largest consumer of electric utility gas) was 5 percent above the amount reported during the corresponding period in 1989 (Table 11). Generation from petroleum-fired plants was 11 billion kilowatthours, less than 1 percent above the amount reported during August 1989 (Table 2). The New England, Middle Atlantic, and South Atlantic Census Divisions, combined, reported 10 billion kilowatthours, 88 percent of the total U.S. petroleum-fired generation (Table 8).

During August 1990, hydroelectric plants produced 21 billion kilowatthours of electricity, 4 percent more than the amount reported during the corresponding period in 1989 (Table 14). The Pacific Contiguous Census Division, the largest producer of hydroelectric power, generated 20 percent more electricity from hydroelectric units than during August 1989. This division produced 55 percent of the total hydroelectric generation for the Nation.

Sales. During August 1990, sales of electricity to ultimate consumers in the United States were 252 billion kilowatthours (Table 2), 8 billion kilowatthours more than August 1989. All end-use sectors had higher levels of sales compared with levels a year ago.

Sales of electricity during August 1990 in the residential sector were 88 billion kilowatthours (3 percent more than the level reported for the same month last year). Residential sales were the highest in the South Atlantic Census Division at 22 billion kilowatthours (Table 41), and represented 25 percent of total U.S. sales for this sector. In the commercial sector, sales were 71 billion kilowatthours, 5 percent more than a year ago. At the Census division level, commercial sales were highest in the South Atlantic Census Division at 15 billion kilowatthours, 6 percent higher than during August 1989. Industrial sales reached 83 billion kilowatthours, 3 percent more than a year ago. The highest industrial sales for August 1990 occurred in the East North Central Census Division at 18 billion kilowatthours, 7 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 August 1990 was 6.9 cents (Table 2), representing less than a 1-percent decrease from July 1990. Average revenue per kilowatthour in the residential sector (8.3 cents) was 1 percent higher than the July 1990 level. In the commercial sector, average revenue per kilowatthour was 7.5 cents, a slight increase from July 1990. Average revenue per kilowatthour in the industrial sector was 5.0 cents, a decrease of 1 percent from July 1990.

During August 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 (9.7 cents) was also reported for the Middle Atlantic Census Division, followed by the New England and Pacific Noncontiguous Census Divisions (9.0 cents, each). The highest average revenue per kilowatthour in the industrial sector occurred in the New England Census Division at 7.5 cents. The lowest average revenue per kilowatthour in the residential sector was in the East South Central Census Division at 6.3 cents. The East South Central, West South Central, and Mountain Census Divisions reported the lowest average revenue per kilowatthour in both the commercial (6.4, 6.4, and 6.5, respectively) and the industrial (4.3, 4.2, and 4.3 cents, respectively) sectors.

July 1990 -- Fuel Receipts/Costs

Coal. Receipts of coal by electric utilities in July 1990 totaled 63 million short tons, unchanged from June 1990 and 8 million short tons more than in July 1989 (Table 2). Coal receipts for July 1989 were comparably

low because of a coal strike that occurred in the eastern United States in July and August. During July 1990, receipts of coal under contract totaled 52 million short tons, while receipts for coal purchased in the spot market were 11 million short tons. In both cases, this was a significant increase from the levels reported in July 1989.

The average cost of coal delivered to electric utilities in July 1990 was \$29.84 per short ton (Table 32), a decrease of \$0.71 from June 1990. The average cost of coal delivered under contract was \$30.03 per short ton (Table 31), a decrease of \$0.85 per short ton from June 1990. Coal purchased in the spot market and delivered in July 1990 averaged \$28.94 per short ton, a decrease of \$0.07 per short ton from June 1990. The reduction in average delivered cost of coal may have resulted, in part, from the abundance of coal stocks on hand at electric utilities (allowing the utilities to be more selective when purchasing coal) and, in part, from a general softness in the cost of gas and petroleum in the late spring of 1990.

Petroleum. The amount of petroleum received by electric utilities in July 1990 was 23 million barrels (Table 33), an increase of 4 million barrels from June 1990 and 2 million barrels more than in July 1989. This increase in receipts in July was partly because electric

utilities purchased additional fuel oil while costs were relatively low as well as the fact that fuel oil consumption is typically higher during the summer months. The average cost of petroleum delivered to electric utilities in July 1990 was \$15.36 per barrel, an increase of \$1.20 per barrel from June 1990. This is the first month-to-month increase in petroleum cost during 1990. From January through June 1990, the average delivered cost of petroleum declined each month, as supply and demand for petroleum products were returning to more normal levels. Because of the situation in the Middle East, however, data for the average cost of petroleum delivered to electric utilities are expected to reflect further increases in August and September 1990.

Gas. The amount of gas received by electric utilities in July totaled 295 billion cubic feet (Table 37), an increase of 27 billion cubic feet from the level in June 1990 and 10 billion cubic feet more than that during July 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 July versus June 1990. In addition, natural gas supplies were readily available at competitive costs. The average cost of gas delivered to electric utilities in July 1990 was \$2.21 per thousand cubic feet (Table 39), an increase of \$0.05 per thousand cubic feet from June 1990 and \$0.19 less than during July 1989.

**Table 1. Newly Added Units by Company, Plant, and State,
January 1990 through August 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
Total Capability of Newly Added Units	-	-	-	3,612.5	-	-
Total Capability of Retired Units	-	-	-	95.8	-	-
U.S. Total Capability	-	-	-	688,377.9	-	-

¹ Net summer capability is estimated.

Notes: •These newly added units represent only those units that became operable in January through August 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	August 1990 ¹	July 1990 ¹	August 1989 ¹	Year-to-Date		
				1990 ¹	1989 ¹	Percent Difference
Net Generation (Million kWh)²						
Coal	146,858	144,232	141,710	1,031,656	1,031,727	-
Petroleum ³	11,021	12,815	10,983	87,745	106,912	-17.9
Gas	32,584	30,965	29,548	176,909	180,705	-2.1
Hydroelectric Power ⁴	21,046	23,656	20,187	200,377	183,057	9.5
Nuclear Power	55,761	53,645	54,948	388,368	346,777	12.0
Other Sources ⁵	915	907	959	7,086	7,545	-6.1
Total	268,186	266,220	258,336	1,892,141	1,856,723	1.9
Consumption						
Coal (1,000 short tons)	73,200	71,020	70,471	510,768	509,226	.3
Petroleum (1,000 barrels) ⁶	18,453	21,649	18,663	147,145	179,279	-17.9
Gas (1,000 Mcf)	346,438	324,965	307,804	1,860,295	1,891,999	-1.7
Stocks (end-of-month)						
Coal (1,000 short tons)	151,996	154,979	133,932	-	-	-
Petroleum (1,000 barrels) ⁷	72,692	71,886	70,332	-	-	-
Sales (Million kWh)⁸						
Residential	88,460	90,611	86,143	621,597	609,669	2.0
Commercial	71,256	71,064	68,187	500,511	482,628	3.7
Industrial	83,386	80,536	81,240	621,776	613,885	1.3
Other ⁹	8,445	8,616	8,046	63,003	60,480	4.2
Total	251,547	250,826	243,615	1,806,893	1,766,662	2.3
Average Revenue per Kilowatthour (Cents)¹⁰						
Residential	8.26	8.21	8.11	7.81	7.63	2.4
Commercial	7.53	7.52	7.49	7.30	7.21	1.2
Industrial	4.98	5.04	4.95	4.74	4.70	.9
Other ⁹	6.16	6.36	5.56	6.14	6.08	1.0
Total	6.90	6.93	6.77	6.55	6.42	2.0
	July 1990 ¹¹	June 1990 ¹¹	July 1989 ¹¹	Year-to-Date		
				1990 ¹¹	1989 ¹¹	Percent Difference
Receipts¹²						
Coal (1,000 short tons)	63,427	63,604	55,429	453,312	425,868	6.4
Petroleum (1,000 barrels) ¹³	22,788	18,609	20,364	133,524	152,113	-12.2
Gas (1,000 Mcf) ¹⁴	294,672	267,993	285,117	1,369,811	1,409,576	-2.8
Cost (cents/million Btu)¹⁵						
Coal	144.3	146.3	144.1	146.0	144.3	1.1
Petroleum ¹⁶	243.8	224.1	278.6	298.1	281.8	5.8
Gas ¹⁴	214.6	209.3	233.3	227.9	233.2	-2.3

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 August 1990 for pumping was 2,216 million kilowatthours.

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

⁶ The August 1990 petroleum coke consumption was 72,260 short tons.

⁷ The August 1990 petroleum coke stocks were 113,037 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 July 1990 petroleum coke receipts were 47,000 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 July 1990 petroleum coke cost was 80.4 cents per million Btu.

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

*kWh=kilowatthours, and Mcf=thousand cubic feet.

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

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 August 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 August 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
1989⁴							
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	258,637	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
1990⁵							
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
Year to Date							
1990⁵	1,892,141	54.5	4.6	9.3	10.6	20.5	.4
1989⁴	1,856,723	55.6	5.8	9.7	9.9	18.7	.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	2,288,439	1,161,562	245,994	348,240	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	6,458
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	11,964
1989 ⁵							
January	232,396	134,968	15,333	13,876	20,930	46,328	961
February	219,711	127,184	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	226,848	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	43,399	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
Year to Date							
1990 ⁶	1,892,141	1,031,656	87,745	176,909	200,377	388,368	7,086
1989 ⁵	1,856,723	1,031,727	106,912	180,705	183,057	346,777	7,545

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 August 1990 was 2,216 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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date		
				1990 ¹	1989 ²	Percent Difference
ECAR	43,597	42,523	40,914	324,700	315,842	2.8
ERCOT	20,594	19,355	19,020	127,959	126,019	1.5
MAAC	17,910	18,386	17,990	130,339	129,173	.9
MAIN	19,015	18,763	18,880	135,200	133,932	.9
MAPP (U.S.)	12,753	12,511	12,222	92,494	90,003	2.8
NPCC (U.S.)	21,202	21,327	21,014	156,198	154,608	1.0
SERC	60,822	59,513	58,711	406,642	399,408	1.8
SPP	26,494	26,625	25,296	174,057	168,912	3.0
WSCC (U.S.)	44,752	46,209	43,248	336,356	330,723	1.7
Contiguous U.S.	267,140	265,212	257,297	1,893,945	1,848,621	1.9
Alaska	333	329	329	2,912	2,862	1.8
Hawaii	713	679	709	5,283	5,241	.8
Total	268,186	266,220	258,336	1,892,141	1,856,723	1.9

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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	8,558	8,456	8,439	63,852	63,882	*
Connecticut	2,863	2,884	3,294	22,068	22,868	-3.5
Maine	746	953	933	6,214	7,820	-20.5
Massachusetts	3,123	3,234	3,155	25,711	25,000	2.8
New Hampshire	1,294	911	576	5,788	5,015	15.4
Rhode Island	96	49	35	405	298	36.0
Vermont	435	426	444	3,666	2,881	27.3
Middle Atlantic	30,654	30,492	30,594	224,992	214,531	4.9
New Jersey	3,295	3,429	4,021	22,745	28,359	-19.8
New York	12,157	12,244	11,885	87,655	86,602	1.2
Pennsylvania	15,201	14,820	14,689	114,593	99,570	15.1
East North Central	44,682	43,888	42,886	328,330	321,020	2.3
Illinois	11,972	11,929	12,058	84,848	85,356	-.6
Indiana	8,957	8,946	7,591	66,179	57,398	15.3
Michigan	7,772	7,632	8,450	62,692	60,834	3.1
Ohio	11,713	11,367	10,766	84,537	87,860	-3.8
Wisconsin	4,267	4,014	4,021	30,074	29,572	1.7
West North Central	20,551	20,279	20,205	144,913	142,994	1.3
Iowa	2,559	2,426	2,630	19,299	19,664	-1.9
Kansas	3,461	3,472	3,346	22,344	23,236	-3.8
Minnesota	3,475	3,342	3,249	26,182	25,248	3.7
Missouri	5,743	5,688	5,889	39,827	39,442	1.0
Nebraska	2,194	2,331	2,155	14,729	13,436	9.6
North Dakota	2,396	2,343	2,136	18,139	16,957	7.0
South Dakota	723	678	801	4,393	5,012	-12.4
South Atlantic	52,884	52,740	50,586	358,679	361,441	-.8
Delaware	694	816	813	4,958	5,650	-12.2
District of Columbia	76	127	78	320	468	-31.5
Florida	12,983	12,748	12,634	82,790	82,106	.8
Georgia	10,001	9,628	9,173	65,061	62,329	4.4
Maryland	2,844	3,135	3,019	20,662	25,429	-18.7
North Carolina	8,424	8,280	7,589	54,690	58,645	-6.7
South Carolina	6,588	6,414	6,807	46,717	45,359	3.0
Virginia	4,410	4,867	4,344	32,762	27,376	19.7
West Virginia	6,864	6,724	6,129	50,718	54,080	-6.2
East South Central	24,718	23,741	23,392	167,786	161,608	3.8
Alabama	7,705	7,033	7,302	51,762	51,964	-.4
Kentucky	6,926	7,184	6,556	50,025	47,040	6.3
Mississippi	3,116	2,872	2,381	16,857	13,732	22.8
Tennessee	6,971	6,651	7,153	49,142	48,872	.6
West South Central	39,468	38,506	37,246	253,282	247,327	2.4
Arkansas	3,863	3,917	3,413	24,989	22,329	11.9
Louisiana	6,079	6,396	5,889	38,664	36,454	6.1
Oklahoma	4,618	4,490	4,385	31,066	30,088	3.3
Texas	24,908	23,703	23,560	158,563	158,477	.1
Mountain	22,716	22,951	22,689	161,679	156,520	3.3
Arizona	6,585	6,284	5,553	39,690	36,714	8.1
Colorado	2,807	2,799	3,013	21,094	21,476	-1.8
Idaho	638	775	869	5,897	6,341	-7.0
Montana	1,649	1,994	2,579	16,381	16,275	.7
Nevada	1,931	2,044	2,030	12,277	13,974	-12.1
New Mexico	2,619	2,758	2,765	19,524	18,328	6.5
Utah	2,812	2,870	2,716	21,446	19,898	7.8
Wyoming	3,675	3,427	3,164	25,369	23,514	7.9
Pacific Contiguous	22,909	24,160	21,262	180,431	179,298	.6
California	11,746	12,048	12,970	77,688	90,044	-13.7
Oregon	3,784	3,822	2,600	32,700	30,876	5.9
Washington	7,379	8,290	5,693	70,042	58,378	20.0
Pacific Noncontiguous	1,046	1,008	1,038	8,196	8,103	1.2
Alaska	333	329	329	2,912	2,862	1.8
Hawaii	713	679	709	5,283	5,241	.8
Total	268,186	266,220	250,336	1,892,141	1,856,723	1.9

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.

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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Coal Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	1,506	1,499	1,266	10,476	11,099	-5.6	16.4	17.4
Connecticut	221	203	224	1,645	1,291	27.4	7.5	5.6
Maine	-	-	-	-	-	-	-	-
Massachusetts	980	1,045	748	7,132	7,754	-8.0	27.7	31.0
New Hampshire	304	251	294	1,699	2,054	-17.3	29.4	41.0
Rhode Island	-	-	-	-	-	NM	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	12,138	11,655	12,336	90,823	91,342	-6	40.4	42.6
New Jersey	820	770	754	5,012	5,830	-14.0	22.0	20.6
New York	2,297	2,146	2,177	16,730	16,691	.2	19.1	19.3
Pennsylvania	9,021	8,739	9,404	69,081	68,822	.4	60.3	69.1
East North Central	32,446	32,158	30,028	242,660	235,141	3.2	73.9	73.2
Illinois	4,921	4,713	4,649	36,671	32,303	13.5	43.2	37.8
Indiana	8,763	8,829	7,463	65,071	56,653	14.9	98.3	98.7
Michigan	5,608	5,844	5,693	43,686	44,735	-2.3	69.7	73.5
Ohio	10,179	9,914	9,359	75,883	80,478	-5.7	89.8	91.6
Wisconsin	2,976	2,857	2,864	21,349	20,972	1.8	71.0	70.9
West North Central	15,295	14,919	14,838	108,511	107,063	1.4	74.9	74.9
Iowa	2,444	2,312	2,213	16,597	16,644	-.3	86.0	84.6
Kansas	2,239	2,201	2,151	16,165	15,573	3.8	72.3	67.0
Minnesota	2,209	2,106	2,282	16,909	16,687	1.3	64.6	66.1
Missouri	4,724	4,619	4,922	31,172	33,422	-6.7	78.3	84.7
Nebraska	1,216	1,286	1,109	9,250	7,589	21.9	62.8	56.5
North Dakota	2,237	2,171	1,944	16,840	15,568	8.2	92.8	91.8
South Dakota	227	224	217	1,579	1,580	-.1	35.9	31.5
South Atlantic	32,116	30,834	30,050	211,460	223,729	-5.5	59.0	61.9
Delaware	409	495	479	3,144	3,359	-6.4	63.4	59.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,810	5,607	5,600	39,699	39,379	.8	48.0	48.0
Georgia	7,317	6,959	6,386	44,599	43,359	2.9	68.5	69.6
Maryland	2,079	2,215	2,314	15,768	16,132	-2.3	76.3	63.4
North Carolina	5,076	4,448	4,612	29,678	33,914	-12.5	54.3	57.8
South Carolina	2,477	2,412	2,423	15,625	16,907	-7.6	33.4	37.3
Virginia	2,124	2,024	2,161	12,738	17,124	-25.6	38.9	62.6
West Virginia	6,823	6,675	6,075	50,209	53,555	-6.2	99.0	99.0
East South Central	18,433	17,830	17,312	120,613	116,818	3.2	71.9	72.3
Alabama	5,928	5,378	5,418	34,386	35,058	-1.9	66.4	67.5
Kentucky	6,671	6,913	6,199	47,807	44,113	8.4	95.6	93.8
Mississippi	1,231	1,223	1,201	6,609	5,937	11.3	39.2	43.2
Tennessee	4,603	4,316	4,495	31,812	31,710	.3	64.7	64.9
West South Central	17,397	17,616	17,637	118,922	120,276	-1.1	47.0	48.6
Arkansas	1,979	2,133	1,683	11,945	11,418	4.6	47.8	51.1
Louisiana	1,632	1,717	2,009	11,054	12,908	-14.4	28.6	35.4
Oklahoma	2,502	2,407	2,309	16,704	15,924	4.9	53.8	53.0
Texas	11,284	11,359	11,637	79,219	80,025	-1.0	50.0	50.5
Mountain	16,677	16,980	17,267	123,491	120,523	2.5	76.4	77.0
Arizona	3,061	3,344	3,304	21,776	21,393	1.8	54.9	58.3
Colorado	2,627	2,616	2,682	19,880	19,368	2.6	94.2	90.2
Idaho	-	-	-	-	-	-	-	-
Montana	921	965	1,530	9,169	10,192	-10.0	56.0	62.6
Nevada	1,435	1,482	1,557	9,322	10,905	-14.5	75.9	78.0
New Mexico	2,329	2,445	2,491	17,576	16,411	7.1	90.0	89.5
Utah	2,758	2,800	2,642	20,940	19,307	8.5	97.6	97.0
Wyoming	3,545	3,329	3,059	24,828	22,947	8.2	97.9	97.6
Pacific Contiguous	830	712	955	4,490	5,537	-18.9	2.5	3.1
California	-	-	-	-	-	-	-	-
Oregon	80	-1	-	67	440	-84.7	.2	1.4
Washington	749	713	955	4,423	5,097	-13.2	6.3	8.7
Pacific Noncontiguous	22	29	21	211	199	6.2	2.6	2.5
Alaska	22	29	21	211	199	6.2	7.2	6.9
Hawaii	-	-	-	-	-	-	-	-
Total	146,858	144,232	141,710	1,031,656	1,031,727	*	54.5	55.6

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. •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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Petroleum Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	1,808	2,167	2,579	22,354	24,826	-10.0	35.0	38.9
Connecticut	564	621	689	6,903	7,884	-12.4	31.3	34.5
Maine	154	244	179	1,942	1,919	1.2	31.3	24.5
Massachusetts	888	1,223	1,491	11,576	12,620	-8.3	45.0	50.5
New Hampshire	199	77	217	1,791	2,202	-18.7	30.9	43.9
Rhode Island	2	2	2	140	189	-26.1	34.5	63.6
Vermont	1	*	*	2	11	-83.4	.1	.4
Middle Atlantic	3,496	4,539	3,561	29,940	36,901	-18.9	13.3	17.2
New Jersey	212	439	281	1,580	3,824	-58.7	6.9	13.5
New York	2,812	3,195	2,803	25,046	27,366	-8.5	28.6	31.6
Pennsylvania	472	905	477	3,314	5,712	-42.0	2.9	5.7
East North Central	266	193	294	1,371	1,519	-9.7	.4	.5
Illinois	68	49	40	303	179	69.8	.4	.2
Indiana	56	59	71	430	230	86.9	.6	.4
Michigan	113	51	141	419	770	-45.6	.7	1.3
Ohio	23	30	37	190	297	-36.1	.2	.3
Wisconsin	7	3	5	29	43	-32.2	.1	.1
West North Central	80	66	51	360	510	-29.4	.2	.4
Iowa	7	4	3	11	25	-54.1	.1	.1
Kansas	9	10	6	49	50	-2.9	.2	.2
Minnesota	48	40	32	255	295	-13.7	1.0	1.2
Missouri	12	10	7	24	60	-60.8	.1	.2
Nebraska	2	1	1	7	46	-84.4	*	.3
North Dakota	*	1	2	11	27	-60.1	.1	.2
South Dakota	2	*	1	4	7	-43.3	.1	.1
South Atlantic	4,349	4,910	3,639	23,432	28,930	-19.0	6.5	8.0
Delaware	145	219	196	1,269	1,736	-26.9	25.6	30.7
District of Columbia	76	127	78	320	468	-31.5	100.0	100.0
Florida	3,456	3,438	2,609	17,846	18,736	-4.8	21.6	22.8
Georgia	21	33	5	119	79	49.6	.2	.1
Maryland	324	636	449	2,646	3,980	-33.7	12.8	15.7
North Carolina	22	19	15	132	171	-23.2	.2	.3
South Carolina	8	6	5	41	71	-43.0	.1	.2
Virginia	276	409	259	877	3,503	-75.0	2.7	12.8
West Virginia	21	22	22	182	174	4.6	.4	.3
East South Central	180	80	40	800	812	-1.6	.5	.5
Alabama	10	6	6	56	65	-14.2	.1	.1
Kentucky	9	8	7	27	80	-65.6	.1	.2
Mississippi	148	55	19	637	579	9.9	3.8	4.2
Tennessee	13	11	7	80	89	-10.3	.2	.2
West South Central	56	23	24	335	1,604	-79.1	.1	.6
Arkansas	5	4	4	46	91	-49.0	.2	.4
Louisiana	38	5	6	76	94	-18.5	.2	.3
Oklahoma	1	2	3	21	17	21.3	.1	.1
Texas	11	12	12	192	1,402	-86.3	.1	.9
Mountain	26	34	30	346	591	-41.4	.2	.4
Arizona	8	5	5	76	125	-39.2	.2	.3
Colorado	2	1	2	19	21	-6.2	.1	.1
Idaho	-	-	*	*	1	NM	*	*
Montana	3	2	2	17	22	-20.8	.1	.1
Nevada	4	17	11	152	320	-52.3	1.2	2.3
New Mexico	3	2	1	20	26	-21.5	.1	.1
Utah	4	4	4	30	34	-11.4	.1	.2
Wyoming	2	4	5	31	42	-27.0	.1	.2
Pacific Contiguous	23	103	18	3,307	5,749	-42.5	1.8	3.2
California	19	102	18	3,296	5,632	-41.5	4.2	6.3
Oregon	3	-	-	3	35	-92.1	*	.1
Washington	1	*	*	9	82	-89.3	*	.1
Pacific Noncontiguous	735	701	748	5,499	5,470	.5	67.1	67.5
Alaska	24	24	43	237	263	-9.8	8.1	9.2
Hawaii	711	677	705	5,262	5,207	1.1	99.6	99.4
Total	11,021	12,815	10,983	87,745	106,912	-17.9	4.6	5.8

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. •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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Petroleum (Steam)			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	1,781	2,137	2,555	22,151	24,244	-8.6	34.7	38.0
Connecticut	561	620	688	6,894	7,845	-12.1	31.2	34.3
Maine	153	244	179	1,913	1,912	1.6	31.3	24.5
Massachusetts	868	1,196	1,470	11,392	12,119	-6.0	44.3	48.5
New Hampshire	199	77	217	1,789	2,191	-18.4	30.9	43.7
Rhode Island	1	1	1	133	177	-24.4	32.9	59.3
Vermont	.	.	.	.	.	NM	.	.
Middle Atlantic	3,397	4,374	3,382	29,338	35,270	-16.8	13.0	16.4
New Jersey	187	391	231	1,427	3,284	-56.6	6.3	11.6
New York	2,766	3,120	2,699	24,759	26,651	-7.1	28.2	30.8
Pennsylvania	443	863	452	3,151	5,334	-40.9	2.8	5.4
East North Central	249	184	289	1,327	1,452	-8.6	.4	.5
Illinois	63	46	39	291	169	71.8	.3	.2
Indiana	55	58	71	425	228	86.6	.6	.4
Michigan	110	49	141	408	747	-45.3	.7	1.2
Ohio	19	28	34	182	282	-35.5	.2	.3
Wisconsin	2	3	4	22	27	-19.7	.1	.1
West North Central	55	52	33	359	458	-21.5	.2	.3
Iowa	3	2	1	20	19	8.1	.1	.1
Kansas	3	5	2	30	31	-9	.1	.1
Minnesota	45	38	32	249	291	-14.4	1.0	1.2
Missouri	3	6	5	44	50	-11.8	.1	.1
Nebraska	.	.	1	4	36	-90.2	.	.3
North Dakota	.	1	2	11	27	-60.4	.1	.2
South Dakota	.	.	.	1	4	-70.3	.	.1
South Atlantic	4,172	4,755	3,522	22,658	27,911	-18.8	6.3	7.7
Delaware	143	217	194	1,260	1,714	-26.5	25.4	30.3
District of Columbia	72	121	75	306	424	-27.8	95.6	90.6
Florida	3,359	3,359	2,537	17,373	18,230	-4.7	21.0	22.2
Georgia	14	28	6	98	69	41.5	.2	.1
Maryland	299	595	420	2,532	3,725	-32.0	12.3	14.6
North Carolina	15	17	15	119	117	1.2	.2	.2
South Carolina	6	6	4	39	45	-13.4	.1	.1
Virginia	244	390	249	749	3,413	-78.1	2.3	12.5
West Virginia	21	22	22	182	174	4.7	.4	.3
East South Central	177	76	39	833	791	5.4	.5	.5
Alabama	10	6	6	56	62	-10.3	.1	.1
Kentucky	9	8	7	69	80	-13.7	.1	.2
Mississippi	148	55	19	637	579	10.0	3.8	4.2
Tennessee	10	8	6	72	70	3.3	.1	.1
West South Central	52	20	21	306	1,527	-79.9	.1	.6
Arkansas	4	4	3	42	85	-50.3	.2	.4
Louisiana	38	5	6	76	94	-18.6	.2	.3
Oklahoma	1	2	2	18	15	22.2	.1	.
Texas	9	10	10	170	1,333	-87.3	.1	.8
Mountain	26	31	27	324	545	-40.7	.2	.3
Arizona	8	4	4	68	105	-35.6	.2	.3
Colorado	2	1	1	19	13	37.1	.1	.1
Idaho	.	.	.	.	.	.	.	.
Montana	3	2	2	17	22	-20.3	.1	.1
Nevada	3	15	10	138	307	-54.9	1.1	2.2
New Mexico	3	2	1	19	25	-23.4	.1	.1
Utah	3	3	3	27	30	-9.5	.1	.2
Wyoming	3	4	5	35	42	-17.5	.1	.2
Pacific Contiguous	16	100	15	3,250	5,847	-42.4	1.8	3.1
California	13	99	15	3,241	5,575	-41.9	4.2	6.2
Oregon	2	.	.	2	4	-59.5	.	.
Washington	1	.	.	8	68	-88.3	.	.1
Pacific Noncontiguous	633	609	644	4,710	4,750	-.9	57.5	58.6
Alaska	.	.	.	.	.	NM	.	.
Hawaii	633	609	644	4,709	4,750	-.9	89.1	90.6
Total	10,559	12,338	10,537	85,256	102,595	-16.9	4.5	5.5

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.

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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Petroleum (GT/IC)			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	27	30	24	203	582	-65.1	0.3	0.9
Connecticut	3	1	1	9	39	-77.7	*	.2
Maine	1	*	*	*	7	NM	*	.1
Massachusetts	20	27	21	184	501	-63.2	.7	2.0
New Hampshire	1	*	*	3	12	-78.0	*	.2
Rhode Island	2	1	1	6	13	-49.6	1.6	4.3
Vermont	1	*	*	1	11	-86.9	*	.4
Middle Atlantic	99	135	179	602	1,632	-63.1	.3	.8
New Jersey	25	48	50	154	539	-71.5	.7	1.9
New York	46	75	104	286	714	-59.9	.3	.8
Pennsylvania	28	42	25	162	378	-57.1	.1	.4
East North Central	17	9	5	45	67	-33.2	*	*
Illinois	4	3	1	13	9	34.7	*	*
Indiana	1	1	*	5	2	118.8	*	*
Michigan	3	2	1	11	23	-53.8	*	*
Ohio	4	3	2	8	16	-46.1	*	*
Wisconsin	5	1	2	7	16	-53.4	*	.1
West North Central	25	14	8	1	52	-98.7	*	*
Iowa	5	2	1	-9	6	NM	*	*
Kansas	6	5	5	19	20	-6.1	.1	.1
Minnesota	3	2	*	5	3	50.5	*	*
Missouri	9	4	1	-21	10	NM	-.1	*
Nebraska	2	*	*	4	10	-63.6	*	.1
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	1	*	*	3	3	-2.6	.1	.1
South Atlantic	177	155	116	773	1,019	-24.1	.2	.3
Delaware	2	2	2	8	21	-60.4	.2	.4
District of Columbia ...	4	7	4	14	44	-67.6	4.4	9.4
Florida	98	79	72	473	506	-6.6	.6	.6
Georgia	7	5	-1	21	10	105.2	*	*
Maryland	25	40	29	114	265	-57.0	.6	1.0
North Carolina	8	2	*	13	54	-75.9	*	.1
South Carolina	1	*	1	2	27	-92.3	*	.1
Virginia	32	19	10	128	91	41.5	.4	.3
West Virginia	*	*	*	*	*	NM	*	*
East South Central	3	4	1	-34	22	NM	*	*
Alabama	*	*	*	*	2	NM	*	*
Kentucky	*	*	*	-41	*	NM	-.1	*
Mississippi	*	*	*	1	1	-12.1	*	*
Tennessee	3	3	1	7	19	-61.0	*	*
West South Central ...	4	3	3	29	77	-62.5	*	*
Arkansas	1	1	*	4	6	-29.5	*	*
Louisiana	*	*	*	*	*	NM	*	*
Oklahoma	*	*	*	2	2	14.8	*	*
Texas	2	2	2	22	69	-67.8	*	*
Mountain	*	3	3	23	46	-49.8	*	*
Arizona	*	*	1	8	20	-58.5	*	.1
Colorado	*	*	1	1	7	-88.9	*	*
Idaho	*	*	*	*	1	NM	*	*
Montana	*	*	*	*	*	NM	*	*
Nevada	*	2	1	14	13	10.4	.1	.1
New Mexico	*	*	*	1	1	55.7	*	*
Utah	1	1	*	2	3	-28.4	*	*
Wyoming	-1	-1	*	-4	*	NM	*	*
Pacific Contiguous	7	3	3	57	102	-43.9	*	.1
California	6	3	3	55	58	-4.1	.1	.1
Oregon	1	*	*	1	31	-96.4	*	.1
Washington	*	*	*	1	14	-94.7	*	*
Pacific								
Noncontiguous	102	92	104	789	720	9.7	9.6	8.9
Alaska	24	24	43	237	262	-9.8	8.1	9.2
Hawaii	78	68	61	553	457	20.9	10.5	8.7
Total	463	477	446	2,489	4,317	-42.4	.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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Gas Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	992	821	825	3,935	3,330	18.2	6.2	5.2
Connecticut	115	67	16	204	172	18.7	.9	.8
Maine	-	-	-	-	-	-	-	-
Massachusetts	766	697	577	3,422	3,049	12.3	13.3	12.2
New Hampshire	-	-	-	-	1	-	-	-
Rhode Island	94	47	33	265	109	144.2	65.5	36.4
Vermont	16	11	-	43	-	-	1.2	-
Middle Atlantic	3,375	2,809	2,616	15,331	18,414	-6.6	6.8	7.7
New Jersey	854	622	580	2,394	3,791	-36.9	10.5	13.4
New York	2,502	2,168	2,013	12,821	12,397	3.4	14.6	14.3
Pennsylvania	18	18	22	116	226	-48.5	.1	.2
East North Central	292	180	126	1,455	1,080	37.3	.4	.3
Illinois	92	87	50	477	372	28.0	.6	.4
Indiana	94	21	17	378	237	59.0	.6	.4
Michigan	69	52	34	435	309	40.7	.7	.5
Ohio	20	4	14	48	44	7.7	.1	.1
Wisconsin	16	16	11	118	97	22.1	.4	.3
West North Central	561	533	446	2,279	1,758	29.6	1.6	1.2
Iowa	30	31	15	151	108	39.4	.8	.5
Kansas	369	423	357	1,589	1,225	30.5	7.2	5.3
Minnesota	39	46	47	228	216	5.7	.9	.9
Missouri	92	22	12	161	61	161.4	.4	.2
Nebraska	27	11	16	135	142	-4.5	.9	1.1
North Dakota	-	-	-	-	-	NM	-	-
South Dakota	4	-	-	5	6	-12.2	.1	.1
South Atlantic	2,544	2,323	2,209	13,910	14,374	-3.2	3.9	4.0
Delaware	140	101	137	545	556	-1.9	11.0	9.8
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,854	1,686	1,792	11,631	11,980	-2.9	14.0	14.6
Georgia	49	17	2	92	42	120.1	.1	.1
Maryland	350	159	196	743	1,157	-35.7	3.6	4.5
North Carolina	26	31	17	112	75	50.2	.2	.1
South Carolina	204	192	41	439	167	162.3	.9	.4
Virginia	121	135	22	334	387	-13.8	1.0	1.4
West Virginia	1	1	1	13	10	33.6	-	-
East South Central	988	1,014	588	3,562	2,947	20.8	2.1	1.8
Alabama	46	49	13	272	137	99.5	.5	.3
Kentucky	2	3	2	19	24	-20.1	-	.1
Mississippi	933	945	574	3,236	2,786	16.1	19.2	20.3
Tennessee	8	17	-	34	-	NM	.1	-
West South Central	16,855	16,017	16,049	97,831	98,449	-6	38.6	39.8
Arkansas	453	538	450	1,859	1,959	-5.1	7.4	8.8
Louisiana	3,129	3,207	2,823	17,060	15,059	13.3	44.1	41.3
Oklahoma	2,026	1,931	1,866	11,856	12,269	-3.4	38.2	40.8
Texas	11,247	10,341	11,109	67,056	69,162	-3.0	42.3	43.6
Mountain	784	1,006	1,122	5,650	6,816	-17.1	3.5	4.4
Arizona	178	346	550	1,932	3,207	-39.7	4.9	8.7
Colorado	57	32	28	277	464	-40.3	1.3	2.2
Idaho	-	-	-	-	-	-	-	-
Montana	4	2	4	23	29	-19.8	.1	.2
Nevada	275	337	288	1,614	1,376	17.3	13.1	9.9
New Mexico	269	289	250	1,772	1,708	3.7	9.1	9.3
Utah	-	-	-	26	27	1.5	.1	.1
Wyoming	1	-	1	4	5	-15.4	-	-
Pacific Contiguous	5,987	6,083	5,559	31,138	33,717	-7.6	17.3	18.8
California	5,805	5,910	5,515	30,606	32,499	-5.8	39.4	36.1
Oregon	181	148	20	523	533	-1.9	1.6	1.7
Washington	1	6	24	9	685	-98.8	-	1.2
Pacific Noncontiguous	208	199	209	1,818	1,841	-1.2	22.2	22.7
Alaska	208	199	209	1,818	1,841	-1.2	62.4	64.3
Hawaii	-	-	-	-	-	-	-	-
Total	32,584	30,965	29,548	176,909	180,705	-2.1	9.3	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. •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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Gas (Steam)			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	905	777	583	3,823	2,994	21.0	5.7	4.7
Connecticut	115	67	16	204	172	18.7	.9	.8
Maine	-	-	-	-	-	-	-	-
Massachusetts	679	653	535	3,111	2,714	14.6	12.1	10.9
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	94	47	33	265	109	144.2	65.5	36.4
Vermont	16	11	-	43	-	NM	1.2	-
Middle Atlantic	3,121	2,841	2,431	14,498	14,871	-2.5	6.4	6.9
New Jersey	669	496	476	1,884	2,883	-34.7	8.3	10.2
New York	2,440	2,133	1,948	12,537	11,875	5.6	14.3	13.7
Pennsylvania	12	12	14	77	112	-31.2	.1	.1
East North Central	253	146	93	1,254	862	45.4	.4	.3
Illinois	84	80	45	448	341	31.5	.5	.4
Indiana	92	19	16	365	229	59.5	.6	.4
Michigan	47	30	11	297	178	66.7	.5	.3
Ohio	19	2	12	39	35	11.1	-	-
Wisconsin	12	14	8	104	79	31.6	.3	.3
West North Central	441	437	381	1,884	1,485	26.8	1.3	1.0
Iowa	17	22	9	111	85	30.0	.6	.4
Kansas	303	366	320	1,368	1,042	31.3	6.1	4.5
Minnesota	31	33	37	194	192	.7	.7	.8
Missouri	67	9	5	95	33	189.3	.2	.1
Nebraska	19	7	12	111	126	-12.0	.8	.9
North Dakota	-	-	-	-	-	NM	-	-
South Dakota	4	-	-	5	6	-19.2	.1	.1
South Atlantic	2,196	1,991	2,087	12,733	13,661	-6.8	3.5	3.8
Delaware	93	65	113	423	473	-10.6	8.5	8.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,529	1,579	1,724	11,406	11,576	-4.1	13.4	14.1
Georgia	44	15	2	81	36	126.7	.1	.1
Maryland	319	133	185	654	1,057	-38.2	3.2	4.2
North Carolina	5	7	4	18	12	54.3	-	-
South Carolina	188	187	40	414	125	232.0	.9	.3
Virginia	17	5	19	25	373	-93.4	.1	1.4
West Virginia	1	1	1	13	10	33.6	-	-
East South Central	923	935	543	3,144	2,716	15.8	1.9	1.7
Alabama	37	33	12	230	131	76.0	.4	.3
Kentucky	1	2	2	18	24	-24.3	-	.1
Mississippi	884	900	530	2,896	2,561	13.1	17.2	18.7
Tennessee	-	-	-	-	-	NM	-	-
West South Central	16,280	15,511	15,533	93,963	93,683	.3	37.1	37.9
Arkansas	453	538	450	1,859	1,959	-5.1	7.4	8.8
Louisiana	3,067	3,144	2,612	16,689	14,595	14.2	43.1	40.0
Oklahoma	1,785	1,670	1,580	10,103	10,164	-6	32.5	33.8
Texas	10,975	10,159	10,890	65,332	66,965	-2.4	41.2	42.3
Mountain	652	795	877	4,437	5,213	-14.9	2.7	3.3
Arizona	65	177	324	873	1,778	-60.9	2.2	4.8
Colorado	56	32	28	273	454	-39.8	1.3	2.1
Idaho	-	-	-	-	-	-	-	-
Montana	2	1	4	17	29	-40.4	.1	.2
Nevada	265	305	275	1,530	1,281	19.5	12.5	9.2
New Mexico	264	279	245	1,739	1,667	4.3	8.9	9.1
Utah	-	-	-	-	-1	NM	-	-
Wyoming	1	-	1	4	5	-15.4	-	-
Pacific Contiguous	5,488	5,583	5,314	29,142	30,288	-3.8	16.2	16.9
California	5,488	5,583	5,314	29,142	30,283	-3.8	37.5	33.6
Oregon	-	-	-	-	-	-	-	-
Washington	-	-	-	-	5	NM	-	-
Pacific Noncontiguous	16	3	48	263	376	-30.1	3.2	4.6
Alaska	16	3	48	263	376	-30.1	9.0	13.1
Hawaii	-	-	-	-	-	-	-	-
Total	30,274	28,821	27,899	164,940	166,149	-.7	8.7	8.9

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

Census Division and State	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Gas (GT/IC)			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	87	44	42	311	335	-7.2	0.5	0.5
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	87	44	42	311	334	-7.0	1.2	1.3
New Hampshire	-	-	-	-	1	NM	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	254	167	178	833	1,543	-46.0	.4	.7
New Jersey	186	126	104	510	908	-43.8	2.2	3.2
New York	62	35	65	284	522	-45.6	.3	.6
Pennsylvania	6	7	9	39	114	-65.7	-	.1
East North Central	39	34	33	201	197	1.8	.1	.1
Illinois	8	7	5	29	32	-9.5	-	-
Indiana	3	2	-	12	8	45.3	-	-
Michigan	22	22	23	130	131	5.4	.2	.2
Ohio	1	2	2	9	9	-5.1	-	-
Wisconsin	4	2	3	13	17	-21.7	-	.1
West North Central	120	96	83	395	273	44.7	.3	.2
Iowa	13	9	5	39	23	74.9	.2	.1
Kansas	66	57	37	231	183	26.3	1.0	.8
Minnesota	8	13	10	35	24	45.6	.1	.1
Missouri	25	13	7	66	29	129.5	.2	.1
Nebraska	8	4	3	24	16	55.4	.2	.1
North Dakota	-	-	-	-	-	NM	-	-
South Dakota	-	-	-	-	-	NM	-	-
South Atlantic	349	332	122	1,177	712	65.3	.3	.2
Delaware	47	36	25	122	83	47.7	2.5	1.5
District of Columbia	-	-	-	-	-	-	-	-
Florida	125	109	68	526	405	29.9	.6	.5
Georgia	5	2	-	12	6	83.2	-	-
Maryland	31	26	12	90	99	-9.8	.4	.4
North Carolina	21	24	14	94	63	49.4	.2	.1
South Carolina	16	5	1	26	43	-40.4	.1	.1
Virginia	104	129	3	309	13	2194.1	.9	-
West Virginia	-	-	-	-	-	-	-	-
East South Central	66	78	45	418	232	80.2	.2	.1
Alabama	9	16	1	42	6	616.8	.1	-
Kentucky	1	-	-	1	1	148.1	-	-
Mississippi	48	44	44	340	225	50.9	2.0	1.6
Tennessee	8	17	-	34	-	NM	.1	-
West South Central	575	507	516	3,868	4,766	-18.8	1.5	1.9
Arkansas	-	-	-	-	-	NM	-	-
Louisiana	62	63	11	391	464	-15.6	1.0	1.3
Oklahoma	242	261	285	1,753	2,105	-16.7	5.6	7.0
Texas	272	182	219	1,724	2,197	-21.5	1.1	1.4
Mountain	131	211	244	1,213	1,603	-24.3	.8	1.0
Arizona	114	169	226	1,059	1,429	-25.9	2.7	3.9
Colorado	-	-	-	4	10	-62.4	-	-
Idaho	-	-	-	-	-	-	-	-
Montana	2	1	-	6	-	NM	-	-
Nevada	10	31	13	83	95	-12.3	.7	.7
New Mexico	5	10	5	34	41	-18.2	.2	.2
Utah	-	-	-	28	29	-2.6	.1	.1
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	499	480	245	1,995	3,429	-41.8	1.1	1.9
California	317	327	202	1,465	2,216	-33.9	1.9	2.5
Oregon	181	148	20	523	533	-1.9	1.6	1.7
Washington	1	6	24	8	680	-98.8	-	1.2
Pacific Noncontiguous	192	196	161	1,555	1,465	6.2	19.0	16.1
Alaska	192	196	161	1,555	1,465	6.2	53.4	51.2
Hawaii	-	-	-	-	-	-	-	-
Total	2,310	2,145	1,849	11,968	14,556	-17.8	.8	.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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Hydroelectric Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	394	290	280	3,755	2,930	24.8	5.7	4.6
Connecticut	35	14	19	35	269	24.4	1.5	1.2
Maine	136	129	115	1,317	1,127	16.8	21.2	14.4
Massachusetts	17	-6	18	216	154	40.7	.8	.6
New Hampshire	113	82	66	970	758	27.9	16.8	15.1
Rhode Island	-	-	-	-	-	-	-	-
Vermont	89	71	62	818	622	31.6	22.3	21.6
Middle Atlantic	1,934	1,980	2,011	18,184	16,750	8.6	8.1	7.8
New Jersey	-14	-14	-28	-98	-187	NM	-.4	-.7
New York	1,911	1,934	2,024	17,126	15,816	8.3	19.5	18.3
Pennsylvania	38	60	15	1,155	1,121	3.1	1.0	1.1
East North Central	244	204	204	2,105	2,074	1.5	.6	.6
Illinois	6	6	5	43	32	31.8	.1	.1
Indiana	43	37	40	300	277	8.3	.5	.5
Michigan	42	35	72	566	623	-9.2	.9	1.0
Ohio	12	14	12	117	88	32.8	.1	.1
Wisconsin	141	113	74	1,079	1,053	2.4	3.6	3.6
West North Central	941	1,090	1,087	7,852	7,520	4.4	5.4	5.3
Iowa	78	80	40	554	513	8.0	2.9	2.6
Kansas	1	1	1	8	6	31.1	.1	.1
Minnesota	26	54	23	440	476	-7.5	1.7	1.9
Missouri	64	194	116	1,930	908	112.4	4.8	2.3
Nebraska	124	136	133	826	835	-1.0	5.6	6.2
North Dakota	158	171	190	1,289	1,362	-5.4	7.1	8.0
South Dakota	490	454	583	2,805	3,419	-18.0	63.9	68.2
South Atlantic	916	931	1,048	13,391	9,841	36.1	3.7	2.7
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	8	11	23	138	148	-6.8	.2	.2
Georgia	259	273	303	3,893	2,241	73.7	6.0	3.6
Maryland	99	133	65	1,502	1,400	7.2	7.3	5.5
North Carolina	484	446	541	5,185	4,362	18.9	9.5	7.4
South Carolina	87	64	98	1,992	1,148	73.4	4.3	2.5
Virginia	-41	-22	-13	367	201	82.6	1.1	.7
West Virginia	19	26	31	315	341	-7.7	.6	.6
East South Central	1,666	1,441	2,005	17,172	18,808	-8.7	10.2	11.6
Alabama	524	493	664	8,145	8,641	-5.7	15.7	16.6
Kentucky	244	260	349	2,171	2,824	-23.1	4.3	6.0
Mississippi	-	-	-	-	-	-	-	-
Tennessee	898	688	992	6,856	7,343	-6.6	14.0	15.0
West South Central	54	619	540	6,791	5,573	21.9	2.7	2.3
Arkansas	327	344	201	2,926	2,570	13.8	11.7	11.5
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	89	150	207	2,486	1,857	33.8	8.0	6.2
Texas	131	125	132	1,380	1,145	20.5	.9	.7
Mountain	2,751	3,172	3,285	21,931	21,617	1.5	13.6	13.8
Arizona	871	853	829	5,797	5,723	1.3	14.6	15.6
Colorado	122	149	203	918	1,091	-15.9	4.4	5.1
Idaho	638	775	869	5,897	6,340	-7.0	100.0	100.0
Montana	713	1,018	1,036	7,126	5,986	19.0	43.5	36.8
Nevada	218	209	173	1,189	1,373	-13.4	9.7	9.8
New Mexico	18	22	22	156	183	-14.6	.8	1.0
Utah	43	52	53	343	402	-14.6	1.6	2.0
Wyoming	127	94	100	506	520	-2.6	2.0	2.2
Pacific Contiguous	11,572	13,850	9,669	108,634	97,389	11.6	60.2	54.3
California	2,762	3,036	3,285	17,480	21,574	-19.0	22.5	24.0
Oregon	2,763	3,258	2,135	28,916	26,916	7.4	88.4	87.2
Washington	6,047	7,556	4,249	62,238	48,880	27.3	88.9	83.7
Pacific Noncontiguous	81	79	58	662	576	14.8	8.1	7.1
Alaska	78	77	56	646	560	15.5	22.2	19.6
Hawaii	2	2	2	15	16	-6.4	.3	.3
Total	21,046	23,556	20,187	200,377	183,057	9.5	10.6	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. *Station losses included energy used for pumped storage. *Energy used as of August 1990 for pumping was 2,216 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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Nuclear Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	3,814	3,650	3,638	23,088	21,403	7.9	36.2	33.5
Connecticut	1,886	1,952	2,311	12,701	13,074	-2.8	57.6	57.2
Maine	457	580	640	2,955	4,773	-38.1	47.6	61.0
Massachusetts	471	275	320	3,365	1,425	136.2	13.1	5.7
New Hampshire	678	500	-	1,328	-	-	22.9	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	322	343	368	2,739	2,132	28.5	74.7	74.0
Middle Atlantic	9,711	9,509	10,071	70,714	53,123	33.1	31.4	24.8
New Jersey	1,422	1,612	2,432	13,857	15,102	-8.2	60.9	53.3
New York	2,635	2,800	2,868	15,931	14,332	11.2	18.2	16.5
Pennsylvania	5,653	5,097	4,770	40,926	23,689	72.8	35.7	23.8
East North Central	11,398	11,113	12,180	80,451	80,898	-6	24.5	25.2
Illinois	6,886	7,074	7,314	47,354	52,469	-9.7	55.8	61.5
Indiana	-	-	-	-	-	-	-	-
Michigan	1,941	1,650	2,510	17,586	14,396	22.2	28.1	23.7
Ohio	1,460	1,382	1,311	8,127	6,735	20.7	9.6	7.7
Wisconsin	1,111	1,008	1,045	7,384	7,298	1.2	24.6	24.7
West North Central	3,640	3,634	3,763	25,631	25,997	-1.4	17.7	18.2
Iowa	-2	-2	357	1,974	2,356	-16.2	10.2	12.0
Kansas	844	836	830	4,523	6,381	-29.1	20.2	27.5
Minnesota	1,122	1,062	847	8,082	7,446	8.5	30.9	29.5
Missouri	851	842	833	6,541	4,990	31.1	16.4	12.7
Nebraska	825	897	896	4,511	4,824	-6.5	30.6	35.9
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	12,959	13,742	13,640	96,487	84,584	14.1	28.9	23.4
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,055	2,006	2,611	13,476	11,862	13.6	16.3	14.4
Georgia	2,354	2,346	2,476	16,357	16,607	-1.5	25.1	26.6
Maryland	-7	-8	-6	4	2,745	-99.9	*	10.8
North Carolina	2,815	3,336	2,404	19,584	20,123	-2.7	35.8	34.3
South Carolina	3,813	3,740	4,240	28,620	27,064	5.7	61.3	59.7
Virginia	1,929	2,321	1,915	18,446	6,161	199.4	56.3	22.5
West Virginia	-	-	-	-	-	-	-	-
East South Central	3,451	3,376	3,447	25,640	22,222	15.4	15.3	13.8
Alabama	1,198	1,107	1,202	8,003	8,063	10.4	17.2	15.5
Kentucky	-	-	-	-	-	-	-	-
Mississippi	804	650	587	6,376	4,429	43.9	37.8	32.3
Tennessee	1,449	1,619	1,659	10,361	9,730	6.5	21.1	19.9
West South Central	4,588	4,207	2,977	29,223	21,330	37.0	11.5	8.6
Arkansas	1,098	898	1,006	8,213	6,291	30.6	32.9	20.2
Louisiana	1,281	1,467	1,250	10,473	6,392	24.8	27.1	23.0
Oklahoma	-	-	-	-	-	-	-	-
Texas	2,209	1,842	650	10,537	6,647	58.5	6.6	4.2
Mountain	2,466	1,737	961	10,109	6,798	48.7	6.3	4.3
Arizona	2,466	1,737	864	10,109	6,266	61.3	25.5	17.1
Colorado	-	-	97	-	532	-	-	2.5
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	3,736	2,676	4,270	27,025	30,442	-11.2	15.0	17.0
California	2,431	2,268	3,395	20,672	24,118	-14.3	26.6	26.8
Oregon	757	417	444	3,191	2,927	9.1	9.8	9.5
Washington	547	-10	431	3,162	3,397	-6.9	4.5	5.8
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
Total	55,761	53,845	54,948	388,368	346,777	12.0	20.5	18.7

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: •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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date				
				Other Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	45	29	50	344	294	17.2	0.5	0.5
Connecticut	38	29	36	280	178	57.6	1.3	.8
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	8	-	14	64	116	-44.7	1.7	4.0
Middle Atlantic	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	36	40	54	280	328	-11.9	.1	.1
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-
Ohio	19	23	33	172	217	-20.8	.2	.2
Wisconsin	17	17	21	116	110	5.5	.4	.4
West North Central	34	36	19	280	147	90.3	.2	.1
Iowa	3	2	2	12	18	-34.8	.1	.1
Kansas	-	-	-	-	-	NM	-	-
Minnesota	32	35	17	268	129	108.0	1.0	.5
Missouri	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	-	-	-	-	4	NM	-	-
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	-	-	-	-	-	-	-	-
Georgia	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	4	-	-	-
North Carolina	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	NM	-	-
West Virginia	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-
West South Central	26	25	19	180	95	88.7	.1	-
Arkansas	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Texas	26	25	19	180	95	88.7	.1	.1
Mountain	13	22	24	152	175	-13.1	.1	.1
Arizona	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	1	NM	-	-
Idaho	-	-	-	-	-	-	-	-
Montana	8	7	7	46	46	-	.3	.3
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	6	14	17	106	128	-17.3	.5	.6
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	761	756	791	5,836	6,484	-10.0	3.2	3.6
California	728	731	757	5,634	6,221	-9.4	7.3	6.9
Oregon	-	-	-	1	27	-97.9	-	.1
Washington	33	26	34	201	237	-14.9	.3	.4
Pacific Noncontiguous	-	-	2	6	17	-65.3	.1	.2
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	2	6	17	-65.3	.1	.3
Total	915	907	959	7,086	7,545	-6.1	.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	158,779	173,414	231	3,044,083
1986	829	616,134	68,093	685,056	14,326	216,156	230,482	313	2,602,370
1987	972	647,824	69,098	717,894	15,367	184,011	199,378	348	2,844,051
1988	1,063	681,048	76,260	758,372	18,769	229,327	248,096	409	2,635,613
1989 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	5,986	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	36	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	196,830
May	90	52,964	5,988	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
Year to Date									
1990 ⁵	718	458,021	52,029	510,768	10,088	137,057	147,145	516	1,860,295
1989 ⁴	716	456,678	51,831	509,226	15,514	163,765	179,279	342	1,891,999

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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date		
				1990 ¹	1989 ¹	Percent Difference
New England	571	560	486	3,988	4,187	-4.8
Connecticut	87	84	89	673	522	29.0
Maine	-	-	-	-	-	-
Massachusetts	369	380	286	2,658	2,887	-7.9
New Hampshire	115	96	112	657	778	-15.6
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic	4,949	4,791	5,017	36,817	37,173	-1.0
New Jersey	316	295	298	1,932	2,261	-14.6
New York	946	879	881	6,769	6,703	1.0
Pennsylvania	3,687	3,617	3,838	28,116	28,208	-0.3
East North Central	15,473	15,387	14,357	115,338	109,860	5.0
Illinois	2,548	2,428	2,379	18,688	16,177	15.5
Indiana	4,357	4,417	3,682	32,338	27,627	17.1
Michigan	2,584	2,661	2,567	19,937	19,732	1.0
Ohio	4,309	4,253	4,110	32,364	34,466	-6.1
Wisconsin	1,675	1,628	1,619	12,010	11,858	1.3
West North Central	9,659	9,367	9,298	68,448	66,847	2.4
Iowa	1,491	1,421	1,359	10,251	10,035	2.2
Kansas	1,408	1,374	1,383	10,216	10,039	1.8
Minnesota	1,464	1,376	1,486	10,620	10,469	1.4
Missouri	2,388	2,302	2,475	15,573	16,534	-5.8
Nebraska	772	805	702	5,848	4,791	22.1
North Dakota	1,910	1,875	1,688	14,437	13,462	7.2
South Dakota	217	214	205	1,504	1,517	-0.9
South Atlantic	12,929	12,352	12,048	84,029	89,239	-5.8
Delaware	176	206	208	1,318	1,411	-6.6
District of Columbia	-	-	-	-	-	-
Florida	2,384	2,297	2,316	16,091	16,100	-0.1
Georgia	3,067	2,829	2,570	18,175	17,763	2.3
Maryland	799	850	899	6,059	6,173	-1.8
North Carolina	1,984	1,745	1,790	11,471	13,058	-12.2
South Carolina	1,002	971	968	6,253	6,708	-6.8
Virginia	856	814	860	5,019	6,835	-26.6
West Virginia	2,662	2,640	2,437	19,642	21,191	-7.3
East South Central	7,810	7,564	7,331	51,068	49,217	3.8
Alabama	2,437	2,209	2,221	14,237	14,309	-0.5
Kentucky	2,941	3,064	2,766	20,924	19,339	8.2
Mississippi	507	499	484	2,702	2,438	11.1
Tennessee	1,925	1,792	1,859	13,195	13,131	0.5
West South Central	12,076	11,579	12,020	81,583	83,530	-2.4
Arkansas	1,203	1,293	1,018	7,372	6,950	6.1
Louisiana	1,245	1,137	1,267	7,515	8,429	-10.8
Oklahoma	1,467	1,403	1,379	9,834	9,527	3.2
Texas	8,160	7,747	8,357	56,841	58,625	-3.0
Mountain	9,186	8,931	9,288	66,359	65,387	1.5
Arizona	1,545	1,656	1,724	10,891	10,738	1.4
Colorado	1,403	1,403	1,439	10,644	10,355	2.8
Idaho	-	-	-	-	-	-
Montana	584	619	953	5,791	6,470	-10.5
Nevada	937	657	756	4,762	5,321	-10.5
New Mexico	1,367	1,387	1,446	10,235	10,101	1.3
Utah	1,186	1,198	1,155	8,976	8,404	6.8
Wyoming	2,144	2,011	1,816	15,060	13,999	7.6
Pacific Contiguous	548	462	609	2,971	3,605	-17.6
California	-	-	-	-	-	-
Oregon	55	-	-	55	306	-82.0
Washington	491	462	609	2,916	3,300	-11.6
Pacific Noncontiguous	20	25	17	187	181	3.0
Alaska	20	25	17	187	181	3.0
Hawaii	-	-	-	-	-	-
Total	73,200	71,020	70,471	510,768	509,226	.3

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.

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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date		
				1990 ¹	1989 ²	Percent Difference
New England	3,007	3,652	4,278	37,113	40,970	-9.4
Connecticut	932	1,021	1,113	11,219	13,020	-13.8
Maine	271	404	304	3,249	3,262	-.4
Massachusetts	1,448	2,069	2,481	19,186	20,431	-6.1
New Hampshire	350	152	373	3,146	3,814	-17.5
Rhode Island	4	4	6	307	411	-25.3
Vermont	2	1	1	6	32	-82.2
Middle Atlantic	5,831	7,675	6,044	49,498	61,482	-19.5
New Jersey	388	862	522	3,007	7,172	-58.1
New York	4,675	5,277	4,753	40,993	45,055	-9.0
Pennsylvania	768	1,536	769	5,499	9,254	-40.6
East North Central	554	432	629	3,069	3,539	-13.3
Illinois	231	211	185	1,454	770	88.9
Indiana	33	37	36	279	233	19.4
Michigan	227	117	314	888	1,764	-49.7
Ohio	49	61	81	381	674	-43.4
Wisconsin	15	7	12	67	98	-31.8
West North Central	88	69	46	447	521	-14.2
Iowa	16	10	6	83	63	30.3
Kansas	20	20	12	109	107	2.1
Minnesota	12	9	4	51	49	3.0
Missouri	30	24	16	140	139	.4
Nebraska	5	2	3	17	89	-80.9
North Dakota	1	3	4	30	51	-40.3
South Dakota	4	1	2	18	23	-21.9
South Atlantic	7,192	8,161	6,167	39,022	48,338	-19.3
Delaware	215	347	308	1,956	2,655	-26.3
District of Columbia	177	280	174	756	1,053	-28.3
Florida	5,554	5,526	4,270	28,798	30,437	-5.4
Georgia	47	66	13	239	173	38.5
Maryland	678	1,226	900	5,344	7,633	-30.0
North Carolina	48	36	31	253	369	-31.3
South Carolina	13	9	11	68	144	-52.3
Virginia	433	640	426	1,362	5,608	-75.7
West Virginia	28	30	34	245	268	-8.5
East South Central	281	142	80	1,423	1,470	-3.2
Alabama	13	9	9	81	107	-24.7
Kentucky	17	15	18	126	155	-18.8
Mississippi	227	99	39	1,080	1,037	4.2
Tennessee	23	20	14	136	171	-20.3
West South Central	103	50	49	687	2,912	-76.4
Arkansas	12	10	8	98	174	-43.4
Louisiana	66	9	15	143	178	-20.0
Oklahoma	2	4	5	39	36	8.7
Texas	24	27	21	407	2,524	-83.9
Mountain	51	66	57	661	1,093	-39.5
Arizona	15	8	10	135	239	-43.5
Colorado	4	3	4	37	51	-27.4
Idaho	-	-	*	*	3	-
Montana	6	4	4	41	45	-7.7
Nevada	8	32	20	287	558	-18.5
New Mexico	6	4	3	41	54	-25.2
Utah	7	7	6	51	59	-12.3
Wyoming	5	8	9	68	84	-18.9
Pacific Contiguous	48	1	33	5,636	9,444	-40.3
California	39	102	33	5,612	9,184	-38.9
Oregon	6	*	-	7	76	-91.3
Washington	3	1	*	18	184	-90.4
Pacific Noncontiguous	1,297	1,219	1,283	9,588	9,510	.8
Alaska	53	48	83	466	507	-8.1
Hawaii	1,244	1,171	1,200	9,122	9,003	1.3
Total	18,453	21,649	18,663	147,145	179,279	-17.9

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.

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 August 1990 petroleum coke consumption was 72,260 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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	2,950	3,592	4,226	36,680	39,749	-7.7
Connecticut	924	1,018	1,111	11,194	12,921	-13.4
Maine	269	404	303	3,242	3,244	*
Massachusetts	1,408	2,016	2,437	18,811	19,408	-3.1
New Hampshire	348	152	372	3,138	3,786	-17.1
Rhode Island	1	1	3	293	387	-24.1
Vermont	*	*	*	1	3	-73.8
Middle Atlantic	5,579	7,265	5,617	47,975	57,443	-16.5
New Jersey	324	734	396	2,597	5,813	-55.3
New York	4,562	5,101	4,512	40,290	43,282	-6.9
Pennsylvania	693	1,429	709	5,089	8,349	-39.0
East North Central	503	402	609	2,896	3,264	-11.3
Illinois	217	200	183	1,414	742	90.6
Indiana	29	35	35	263	224	17.2
Michigan	218	111	311	840	1,634	-48.6
Ohio	36	51	73	338	612	-44.7
Wisconsin	4	4	7	41	52	-21.5
West North Central	24	31	26	258	359	-28.3
Iowa	5	3	3	40	41	-2.9
Kansas	6	10	4	61	62	-1.3
Minnesota	3	4	2	29	34	-13.0
Missouri	6	11	10	86	99	-13.0
Nebraska	1	1	1	7	62	-89.4
North Dakota	1	2	4	29	50	-42.4
South Dakota	1	*	1	5	11	-51.8
South Atlantic	6,748	7,781	5,871	37,151	45,757	-18.8
Delaware	210	342	303	1,935	2,601	-25.6
District of Columbia	165	260	163	710	929	-23.5
Florida	5,307	5,333	4,100	27,653	29,241	-5.4
Georgia	27	52	10	173	124	39.4
Maryland	620	1,132	830	5,075	6,995	-27.5
North Carolina	22	27	26	183	193	-5.3
South Carolina	9	8	6	55	68	-20.2
Virginia	359	597	399	1,122	5,340	-79.0
West Virginia	28	30	34	244	266	-8.3
East South Central	271	131	74	1,383	1,400	-1.2
Alabama	13	8	9	79	100	-20.9
Kentucky	16	14	17	122	153	-20.3
Mississippi	227	98	38	1,079	1,035	4.3
Tennessee	15	11	10	104	113	-8.2
West South Central	94	43	42	614	2,777	-77.9
Arkansas	8	8	7	87	161	-46.0
Louisiana	65	9	12	141	176	-19.7
Oklahoma	1	3	4	35	32	8.4
Texas	20	22	18	351	2,409	-85.4
Mountain	48	51	51	587	979	-40.0
Arizona	15	8	8	117	194	-40.0
Colorado	3	2	2	33	32	4.2
Idaho	-	-	-	-	-	-
Montana	6	4	4	41	44	-6.6
Nevada	7	20	18	243	521	-53.3
New Mexico	6	4	3	39	52	-26.1
Utah	6	5	6	46	52	-10.1
Wyoming	5	8	9	68	84	-18.9
Pacific Contiguous	33	176	24	5,500	9,218	-40.3
California	25	175	24	5,480	9,051	-39.5
Oregon	5	*	-	5	9	-47.4
Washington	3	1	-	16	158	-90.0
Pacific Noncontiguous	1,083	1,037	1,083	8,025	8,087	-0.8
Alaska	*	*	*	1	1	-49.5
Hawaii	1,083	1,036	1,083	8,024	8,086	-0.8
Total	17,333	20,508	17,623	141,069	169,034	-16.5

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: •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The August 1990 petroleum coke consumption was 72,260 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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date		
				1990 ¹	1989 ¹	Percent Difference
New England	57	60	50	432	1,221	-64.6
Connecticut	9	3	2	25	99	-74.5
Maine	2	*	1	7	18	-62.0
Massachusetts	40	53	44	375	1,023	-63.4
New Hampshire	2	-	1	7	28	-74.0
Rhode Island	3	3	3	13	24	-44.7
Vermont	2	1	*	5	29	-83.2
Middle Atlantic	251	410	427	1,523	4,038	-62.3
New Jersey	64	128	126	410	1,359	-69.8
New York	112	176	241	703	1,774	-60.4
Pennsylvania	75	106	60	410	905	-54.7
East North Central	52	30	20	173	275	-37.0
Illinois	14	11	3	41	28	44.1
Indiana	4	2	1	16	9	76.1
Michigan	9	5	3	48	130	-63.3
Ohio	13	9	8	43	62	-30.6
Wisconsin	11	3	5	26	46	-43.3
West North Central	64	38	20	190	162	17.1
Iowa	11	7	3	42	22	92.5
Kansas	14	11	8	47	44	7.0
Minnesota	9	5	1	21	16	37.2
Missouri	23	13	5	54	41	32.8
Nebraska	4	1	1	10	27	-61.4
North Dakota	*	1	*	1	1	147.8
South Dakota	3	1	*	13	12	8.0
South Atlantic	444	380	296	1,871	2,581	-27.5
Delaware	5	5	5	21	54	-61.8
District of Columbia	12	20	11	45	125	-63.8
Florida	246	193	170	1,145	1,196	-4.2
Georgia	19	15	3	66	48	36.1
Maryland	58	94	70	269	638	-57.8
North Carolina	26	9	5	70	176	-60.0
South Carolina	4	1	4	14	75	-81.6
Virginia	74	43	27	240	268	-10.4
West Virginia	*	*	*	*	1	-
East South Central	10	11	6	40	70	-42.9
Alabama	*	*	*	2	8	-72.8
Kentucky	2	1	1	4	2	101.6
Mississippi	-	1	1	2	3	-35.4
Tennessee	8	9	4	32	58	-43.9
West South Central	8	7	7	73	135	-45.9
Arkansas	3	2	1	12	13	-12.7
Louisiana	*	*	2	2	3	-38.7
Oklahoma	1	1	1	4	4	11.5
Texas	4	4	3	55	115	-51.9
Mountain	3	15	6	74	114	-35.0
Arizona	*	*	2	18	45	-59.0
Colorado	*	1	2	4	19	-80.2
Idaho	-	-	*	*	3	-
Montana	*	*	*	*	1	-
Nevada	2	11	2	44	37	18.4
New Mexico	*	*	*	2	2	-1.1
Utah	1	2	*	5	7	-28.4
Wyoming	-	-	-	-	-	-
Pacific Contiguous	16	7	8	136	226	-39.8
California	14	7	8	132	133	-.5
Oregon	2	-	-	2	67	-97.3
Washington	*	*	*	2	26	-92.7
Pacific Noncontiguous	215	182	200	1,563	1,422	9.9
Alaska	53	48	83	465	506	-8.0
Hawaii	162	135	116	1,098	917	19.8
Total	1,120	1,141	1,040	8,076	10,246	-40.7

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: •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	August 1990 ¹	July 1990 ¹	August 1989 ²	Year-to-Date		
				1990 ¹	1989 ²	Percent Difference
New England	10,570	8,703	6,391	41,437	34,712	19.4
Connecticut	1,157	681	141	2,081	1,714	21.4
Maine	-	-	-	-	-	-
Massachusetts	8,056	7,320	5,808	35,570	31,551	12.7
New Hampshire	-	-	6	-	17	-
Rhode Island	1,184	602	436	3,336	1,430	133.3
Vermont	174	99	-	449	-	-
Middle Atlantic	36,972	30,648	29,305	165,464	178,929	-7.5
New Jersey	10,181	7,332	7,203	28,766	45,073	-36.2
New York	26,558	23,069	21,814	135,169	130,948	3.2
Pennsylvania	234	247	288	1,529	2,907	-47.4
East North Central	4,623	3,342	2,446	27,089	23,897	13.4
Illinois	1,127	1,077	646	5,890	5,081	15.9
Indiana	1,009	202	129	4,014	2,596	54.7
Michigan	1,967	1,772	1,316	14,846	14,148	4.9
Ohio	279	73	189	659	647	1.8
Wisconsin	241	218	166	1,680	1,425	17.9
West North Central	6,948	6,540	5,463	28,517	22,456	27.0
Iowa	407	373	201	2,027	1,567	29.3
Kansas	4,255	5,052	4,252	19,190	15,161	26.6
Minnesota	720	658	640	3,329	2,981	11.7
Missouri	1,174	304	176	2,162	931	132.3
Nebraska	334	144	189	1,713	1,703	.6
North Dakota	-	-	-	-	-	-
South Dakota	59	9	6	95	113	-15.7
South Atlantic	28,366	25,023	23,842	151,916	154,875	-1.9
Delaware	1,867	1,279	1,355	7,527	5,297	42.1
District of Columbia	-	-	-	-	-	-
Florida	18,275	18,277	19,183	124,814	128,332	-2.7
Georgia	572	222	33	1,158	552	109.8
Maryland	4,259	2,055	2,406	9,663	13,999	-31.0
North Carolina	351	404	237	1,665	1,116	49.1
South Carolina	2,020	1,798	371	4,294	1,844	132.8
Virginia	1,019	980	252	2,699	3,659	-26.2
West Virginia	4	9	5	97	76	27.3
East South Central	11,087	11,599	7,036	43,315	33,266	30.2
Alabama	473	520	130	2,593	1,239	109.2
Kentucky	22	25	16	192	277	-30.7
Mississippi	10,479	10,831	6,883	40,071	31,747	26.2
Tennessee	113	223	5	459	5	9538.1
West South Central	178,922	164,470	164,607	1,004,767	1,007,483	-.3
Arkansas	4,976	6,019	4,877	21,073	20,762	1.5
Louisiana	32,495	33,089	26,898	175,261	156,402	12.1
Oklahoma	20,117	19,293	18,485	117,339	122,085	-3.9
Texas	119,334	106,069	114,347	691,094	708,233	-2.4
Mountain	8,512	11,096	12,302	61,437	74,398	-17.4
Arizona	1,908	3,813	5,758	20,641	34,032	-39.3
Colorado	694	503	432	3,669	6,059	-39.5
Idaho	-	-	-	-	-	-
Montana	52	29	29	254	228	11.4
Nevada	3,087	3,731	3,484	17,760	15,715	13.0
New Mexico	2,763	3,011	2,592	18,576	17,851	4.1
Utah	2	7	-	496	464	6.8
Wyoming	5	5	6	42	48	-13.5
Pacific Contiguous	59,651	60,723	53,837	314,310	340,610	-7.7
California	57,965	59,280	53,074	309,426	327,208	-5.4
Oregon	1,674	1,375	274	4,779	5,589	-14.5
Washington	12	69	289	105	7,813	-98.7
Pacific Noncontiguous	2,787	2,819	2,777	22,043	21,371	3.1
Alaska	2,787	2,819	2,777	22,043	21,371	3.1
Hawaii	-	-	-	-	-	-
Total	346,438	324,965	307,804	1,860,295	1,891,999	-1.7

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.

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	August 1990 ¹	July 1990 ¹	August 1989 ¹	Year-to-Date		
				1990 ¹	1989 ¹	Percent Difference
New England	9,549	8,159	5,848	37,654	30,816	22.2
Connecticut	1,157	681	141	2,081	1,714	21.4
Maine	-	-	-	-	-	-
Massachusetts	7,035	6,776	5,289	31,788	27,672	14.9
New Hampshire	-	-	-	-	-	-
Rhode Island	1,184	602	436	3,336	1,430	133.3
Vermont	174	99	-	449	-	-
Middle Atlantic	33,249	28,191	26,550	153,197	156,392	-2.0
New Jersey	7,557	5,560	5,653	21,600	32,324	-33.2
New York	25,571	22,503	20,758	130,700	122,936	6.3
Pennsylvania	121	128	139	897	1,131	-20.8
East North Central	4,103	2,910	2,048	24, 93	21,401	14.9
Illinois	1,004	99 ^c	587	5,505	4,673	17.8
Indiana	967	179	123	3,806	2,493	52.6
Michigan	1,718	1,524	1,061	13,379	12,659	5.7
Ohio	243	24	155	460	443	4.0
Wisconsin	171	194	123	1,443	1,132	27.4
West North Central	5,107	5,151	4,637	22,683	18,730	21.1
Iowa	217	241	124	1,421	1,226	15.9
Kansas	3,388	4,261	3,806	16,115	12,866	25.3
Minnesota	423	433	500	2,536	2,595	-2.3
Missouri	801	115	57	1,153	441	161.7
Nebraska	224	94	146	1,375	1,491	-7.8
North Dakota	-	-	-	-	-	-
South Dakota	55	7	4	83	110	-24.4
South Atlantic	23,888	21,140	22,080	136,358	144,370	-5.5
Delaware	1,346	870	1,068	6,156	4,350	41.5
District of Columbia	-	-	-	-	-	-
Florida	16,380	16,719	18,212	116,957	122,418	-4.5
Georgia	505	184	31	972	434	123.7
Maryland	3,774	1,635	2,221	8,229	12,462	-34.0
North Carolina	-	-	-	-	-	-
South Carolina	1,729	1,678	339	3,734	1,145	226.0
Virginia	150	46	204	214	3,485	-93.9
West Virginia	4	9	5	97	76	27.3
East South Central	9,673	10,050	5,957	33,790	29,675	13.9
Alabama	348	296	110	1,996	1,141	74.9
Kentucky	13	22	17	166	267	-38.0
Mississippi	9,311	9,732	5,829	31,628	28,266	11.9
Tennessee	-	-	-	-	-	-
West South Central	170,132	158,751	159,266	961,883	956,336	.6
Arkansas	4,976	8,010	4,877	21,056	20,762	1.4
Louisiana	31,725	32,313	26,788	170,555	151,843	12.3
Oklahoma	17,494	16,574	15,906	99,302	103,164	-3.7
Texas	115,936	103,854	111,715	670,969	680,567	-1.4
Mountain	7,000	8,888	9,436	48,042	56,703	-15.3
Arizona	762	2,056	3,485	9,752	19,405	-49.7
Colorado	683	499	431	3,596	5,876	-38.8
Idaho	-	-	-	-	-	-
Montana	29	14	28	172	225	-23.6
Nevada	2,819	3,222	2,956	16,289	13,616	18.0
New Mexico	2,702	2,889	2,529	18,144	17,332	4.7
Utah	-	3	-	37	-	-
Wyoming	5	5	6	42	48	-13.5
Pacific Contiguous	54,655	55,812	51,044	293,812	302,456	-2.9
California	54,655	55,812	51,044	293,807	302,401	-2.8
Oregon	-	-	-	-	-	-
Washington	-	-	-	5	56	-90.5
Pacific Noncontiguous	-	-	-	-	-	-
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Total	317,356	298,853	286,865	1,712,010	1,716,678	-.3

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

^c = 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	August 1990 ¹	July 1990 ¹	August 1989 ¹	Year-to-Date		
				1990 ¹	1989 ¹	Percent Difference
New England	1,021	544	545	3,783	3,898	-2.9
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	1,021	544	539	3,783	3,879	-2.5
New Hampshire	-	-	6	-	17	-
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic	3,724	2,457	2,755	12,268	22,537	-45.8
New Jersey	2,623	1,772	1,550	7,166	12,749	-43.8
New York	987	567	1,056	4,469	8,012	-44.2
Pennsylvania	113	118	149	633	1,776	-64.4
East North Central	520	432	397	2,497	2,496	*
Illinois	123	87	59	385	408	-5.7
Indiana	42	23	6	209	102	103.8
Michigan	249	248	256	1,467	1,488	-1.4
Ohio	37	49	34	199	205	-2.7
Wisconsin	70	24	43	237	293	-18.0
West North Central	1,840	1,389	825	5,834	3,727	56.8
Iowa	190	132	76	606	341	77.6
Kansas	867	791	447	3,075	2,295	34.0
Minnesota	297	225	139	794	386	105.9
Missouri	373	190	119	1,009	490	105.8
Nebraska	110	50	43	339	212	60.0
North Dakota	-	*	-	*	-	-
South Dakota	4	1	2	12	3	313.2
South Atlantic	4,478	3,883	1,762	15,558	10,505	48.1
Delaware	521	409	287	1,372	948	44.7
District of Columbia	-	-	-	-	-	-
Florida	1,895	1,558	971	7,857	5,914	32.8
Georgia	67	38	1	186	117	58.4
Maryland	484	420	185	1,434	1,537	-6.7
North Carolina	351	404	237	1,605	1,116	49.1
South Carolina	291	119	32	560	699	-19.9
Virginia	869	934	48	2,485	174	1331.7
West Virginia	-	-	-	-	-	-
East South Central	1,414	1,548	1,079	9,525	3,594	165.1
Alabama	125	223	20	597	98	507.6
Kentucky	9	4	2	26	10	168.9
Mississippi	1,168	1,088	1,054	8,443	3,481	142.6
Tennessee	113	223	5	459	5	9538.1
West South Central	6,790	5,719	5,341	42,884	51,147	-16.2
Arkansas	-	9	-	17	*	-
Louisiana	770	776	130	4,705	4,560	3.2
Oklahoma	2,622	2,719	2,579	18,037	18,921	-4.7
Texas	3,398	2,214	2,632	20,125	27,666	-27.3
Mountain	1,512	2,410	2,866	13,394	17,695	-24.3
Arizona	1,146	1,757	2,273	10,889	14,827	-25.6
Colorado	11	4	1	72	183	-60.5
Idaho	-	-	-	-	-	-
Montana	23	14	*	82	3	2718.9
Nevada	268	509	528	1,461	1,899	-23.1
New Mexico	61	122	63	432	519	-16.8
Utah	2	3	*	459	464	-1.2
Wyoming	-	-	-	-	-	-
Pacific Contiguous	4,997	4,912	2,593	20,498	38,153	-46.3
California	3,311	3,468	2,029	15,619	24,807	-37.0
Oregon	1,674	1,375	274	4,779	5,589	-14.5
Washington	12	68	289	100	7,758	-98.7
Pacific Noncontiguous	2,787	2,819	2,777	22,043	21,371	3.1
Alaska	2,787	2,819	2,777	22,043	21,371	3.1
Hawaii	-	-	-	-	-	-
Total	29,083	26,112	20,940	148,285	175,121	-15.3

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

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

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	16,388	57,304	73,689	49
1986	7,099	148,665	6,042	161,806	16,289	56,841	73,111	40
1987	6,940	156,670	7,187	170,797	15,759	55,069	70,827	51
1988	6,561	133,434	6,512	146,507	15,099	54,187	69,285	86
1989 ⁴								
January	6,513	129,802	6,088	142,403	14,808	55,845	70,654	58
February	6,494	124,643	6,217	137,354	13,980	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	56,660	71,750	107
November	6,423	134,233	6,475	147,191	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	138,336	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

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	August 1990 ¹	July 1990 ¹	August 1989 ²	Monthly Percent Change	Yearly Percent Difference
New England	1,392	1,473	1,119	-5.5	24.4
Connecticut	149	213	137	-30.0	8.3
Maine	-	-	-	-	-
Massachusetts	844	849	774	-6	9.0
New Hampshire	372	383	180	-3.0	106.9
Rhode Island	28	28	28	-	-
Vermont	-	-	-	-	-
Middle Atlantic	15,863	15,738	13,138	.8	20.7
New Jersey	720	782	539	-7.9	33.6
New York	1,561	1,672	1,243	-6.6	25.6
Pennsylvania	13,582	13,284	11,356	2.2	19.6
East North Central	37,155	36,730	34,207	1.2	8.8
Illinois	7,141	7,423	9,253	-3.8	-22.8
Indiana	9,367	9,320	7,698	.5	21.7
Michigan	7,676	7,191	7,063	6.8	8.7
Ohio	9,097	8,926	5,905	1.9	54.0
Wisconsin	3,875	3,870	4,287	.1	-9.6
West North Central	19,408	20,023	19,327	-3.1	.4
Iowa	3,876	4,024	3,925	-3.7	-1.3
Kansas	3,457	3,536	3,491	-2.2	-1.0
Minnesota	2,055	2,243	2,055	-8.4	-
Missouri	5,017	5,097	4,083	-1.6	23.5
Nebraska	1,513	1,618	1,730	-6.4	-12.5
North Dakota	3,197	3,221	3,773	-7	-15.3
South Dakota	291	284	289	2.5	.9
South Atlantic	26,802	27,284	19,575	-1.8	36.9
Delaware	461	399	252	15.5	82.7
District of Columbia	-	-	-	-	-
Florida	4,802	5,152	4,619	-6.8	4.0
Georgia	5,638	6,131	4,545	-8.0	24.0
Maryland	1,765	1,592	1,290	10.9	36.9
North Carolina	4,385	4,490	2,668	-2.3	64.4
South Carolina	1,829	1,930	1,326	-5.3	38.0
Virginia	1,414	1,536	953	-7.9	48.3
West Virginia	6,509	6,054	3,922	7.5	65.9
East South Central	15,211	16,347	11,664	-6.8	30.6
Alabama	4,051	4,660	3,654	-13.1	10.9
Kentucky	6,761	6,815	4,148	-8	63.0
Mississippi	710	882	718	-19.5	-1.1
Tennessee	3,708	3,991	3,144	-7.1	18.0
West South Central	16,793	17,683	16,217	-5.0	3.6
Arkansas	1,828	2,045	2,629	-10.6	-30.5
Louisiana	2,225	2,362	2,296	-5.8	-3.1
Oklahoma	2,912	3,138	2,916	-7.2	-.1
Texas	9,828	10,137	8,376	-3.1	17.3
Mountain	17,013	17,351	16,957	-1.9	.3
Arizona	2,702	2,926	3,669	-7.7	-26.4
Colorado	3,622	3,634	3,976	-3	-8.9
Idaho	-	-	-	-	-
Montana	896	847	855	5.8	4.7
Nevada	1,179	1,458	894	-19.1	18.5
New Mexico	1,371	1,345	1,123	1.9	22.1
Utah	3,728	3,521	3,067	5.9	21.6
Wyoming	3,515	3,620	3,273	-2.9	7.4
Pacific Contiguous	2,337	2,348	1,723	-.5	35.7
California	-	-	-	-	-
Oregon	646	581	480	11.1	34.5
Washington	1,691	1,766	1,243	-4.3	36.1
Pacific Noncontiguous	2	2	5	-1.9	-51.0
Alaska	2	2	5	-1.9	-51.0
Hawaii	-	-	-	-	-
Total	151,996	154,979	133,932	-1.9	13.5

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: *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	August 1990 ¹	July 1990 ¹	August 1989 ²	Monthly Percent Change	Yearly Percent Difference
New England	7,252	7,600	7,473	-5.0	-3.4
Connecticut	2,802	2,724	3,117	2.8	-10.1
Maine	578	627	676	-7.9	-14.5
Massachusetts	3,392	3,627	3,126	-6.5	8.5
New Hampshire	311	479	347	-35.1	-10.4
Rhode Island	98	100	169	-1.5	-41.8
Vermont	41	42	38	-3.6	8.8
Middle Atlantic	14,192	13,521	15,654	5.0	-0.3
New Jersey	2,232	2,052	2,350	8.8	-5.0
New York	9,605	9,720	9,957	-1.2	-3.5
Pennsylvania	2,355	1,750	3,347	34.6	-29.6
East North Central	3,558	3,564	4,281	-.2	-16.9
Illinois	1,744	1,614	2,099	8.0	-16.9
Indiana	192	189	210	2.0	-8.5
Michigan	1,053	1,157	1,403	-9.0	-24.9
Ohio	337	361	373	-6.5	-9.6
Wisconsin	231	243	196	-4.9	18.0
West North Central	1,797	1,635	1,748	-2.1	2.8
Iowa	191	201	211	-4.6	-9.4
Kansas	693	704	645	-1.5	7.5
Minnesota	137	147	153	-7.2	-10.8
Missouri	418	422	363	-1.1	15.0
Nebraska	218	219	239	-.5	-8.7
North Dakota	61	58	59	4.2	2.4
South Dakota	80	84	77	-4.8	2.8
South Atlantic	14,899	14,579	14,572	2.2	2.2
Delaware	629	539	563	16.7	11.8
District of Columbia	114	74	91	53.8	25.7
Florida	7,885	7,923	8,094	-.5	-2.6
Georgia	527	528	586	-.3	-10.0
Maryland	2,031	1,804	1,833	12.6	10.8
North Carolina	277	281	251	-1.7	10.2
South Carolina	497	506	480	-1.7	3.6
Virginia	2,769	2,790	2,483	-.7	11.5
West Virginia	169	133	191	27.1	-11.7
East South Central	1,447	1,528	1,482	-5.3	-2.4
Alabama	152	157	153	-3.3	-1.2
Kentucky	104	111	104	-6.1	.1
Mississippi	837	904	840	-7.3	-.3
Tennessee	354	357	385	-.8	-8.0
West South Central	7,797	7,819	8,674	-.3	16.8
Arkansas	275	273	171	.9	61.2
Louisiana	1,301	1,307	1,260	-.4	3.2
Oklahoma	455	455	447	*	1.9
Texas	5,766	5,784	4,796	-.3	20.2
Mountain	1,874	1,871	1,717	.2	9.2
Arizona	854	863	842	-1.1	1.4
Colorado	253	255	260	-.9	-2.7
Idaho	13	13	14	-	-4.5
Montana	12	13	16	-7.2	-26.6
Nevada	508	490	350	3.8	45.1
New Mexico	104	111	172	-6.5	-39.6
Utah	101	101	34	.3	201.6
Wyoming	28	24	28	17.6	.7
Pacific Contiguous	18,747	18,294	15,321	2.5	22.4
California	18,313	17,873	15,059	2.5	21.6
Oregon	224	231	161	-3.1	39.0
Washington	210	190	102	10.5	106.8
Pacific Noncontiguous	1,158	1,275	1,411	-9.1	-17.9
Alaska	247	213	220	15.9	12.3
Hawaii	911	1,062	1,191	-14.2	-23.5
Total	72,692	71,886	70,332	1.1	3.4

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.

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 August 1990 petroleum coke stocks were 113,037 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	220.6
1984	684,111	168.4	193,832	481.2	202,372	488.3	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	187,300	297.6	194,578	301.1	2,605,191	ⁿ 224.0	170.5
1988	727,775	148.6	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 ⁵									
January	67,637	145.0	26,481	403.8	27,416	409.5	126,832	293.8	162.6
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
Year-to-Date									
1990 ⁵	453,312	146.0	129,439	293.4	133,524	298.1	1,369,811	227.9	166.7
1989 ⁵	425,868	144.3	147,625	278.4	152,113	281.8	1,409,576	233.2	167.4

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 rerefined motor oil and liquefied petroleum gas.

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

ⁿ 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, July 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	-	-	427	11,258	-	-	-	-	427	11,258
Connecticut	-	-	63	1,663	-	-	-	-	63	1,663
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	297	7,812	-	-	-	-	297	7,812
New Hampshire	-	-	67	1,782	-	-	-	-	67	1,782
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	91	1,471	4,104	101,955	-	-	-	-	4,195	103,425
New Jersey	-	-	75	1,967	-	-	-	-	75	1,967
New York	-	-	705	18,105	-	-	-	-	705	18,105
Pennsylvania	91	1,471	3,324	81,883	-	-	-	-	3,415	83,354
East North Central	-	-	10,314	240,560	4,010	72,478	-	-	14,324	313,038
Illinois	-	-	1,600	35,794	507	9,696	-	-	2,108	45,489
Indiana	-	-	2,816	62,610	1,073	18,524	-	-	3,889	81,134
Michigan	-	-	1,184	30,035	1,491	28,020	-	-	2,675	58,054
Ohio	-	-	4,184	99,417	-	-	-	-	4,184	99,417
Wisconsin	-	-	529	12,705	938	16,237	-	-	1,467	28,942
West North Central	-	-	2,025	45,257	1,473	76,698	1,977	26,011	8,475	147,963
Iowa	-	-	347	7,647	961	16,154	-	-	1,308	23,801
Kansas	-	-	325	7,173	1,010	16,980	-	-	1,336	24,152
Minnesota	-	-	16	361	1,118	19,654	-	-	1,134	20,015
Missouri	-	-	1,336	30,071	571	9,937	-	-	1,908	40,009
Nebraska	-	-	-	4	812	13,971	-	-	813	13,976
North Dakota	-	-	-	-	-	-	1,780	23,612	1,780	23,612
South Dakota	-	-	-	-	-	-	197	2,398	197	2,398
South Atlantic	-	-	9,992	249,346	282	4,793	-	-	10,274	254,139
Delaware	-	-	165	4,298	-	-	-	-	165	4,298
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	-	-	1,857	45,823	-	-	-	-	1,857	45,823
Georgia	-	-	2,293	56,306	282	4,793	-	-	2,575	61,100
Maryland	-	-	727	18,512	-	-	-	-	727	18,512
North Carolina	-	-	1,348	33,929	-	-	-	-	1,348	33,929
South Carolina	-	-	825	20,934	-	-	-	-	825	20,934
Virginia	-	-	635	16,163	-	-	-	-	635	16,163
West Virginia	-	-	2,142	53,380	-	-	-	-	2,142	53,380
East South Central	-	-	6,334	150,767	-	-	-	-	6,334	150,767
Alabama	-	-	1,783	43,541	-	-	-	-	1,783	43,541
Kentucky	-	-	2,635	60,973	-	-	-	-	2,635	60,973
Mississippi	-	-	308	7,712	-	-	-	-	308	7,712
Tennessee	-	-	1,608	38,540	-	-	-	-	1,608	38,540
West South Central	-	-	190	4,362	5,871	101,066	4,851	62,200	10,912	167,628
Arkansas	-	-	-	-	1,062	18,586	-	-	1,062	18,586
Louisiana	-	-	22	577	622	10,674	299	4,089	943	15,340
Oklahoma	-	-	62	1,538	1,108	19,226	-	-	1,170	20,764
Texas	-	-	106	2,247	3,079	52,579	4,552	58,111	7,737	112,937
Mountain	-	-	3,285	72,185	4,653	82,614	14	183	7,951	154,982
Arizona	-	-	939	19,917	136	2,702	-	-	1,075	22,619
Colorado	-	-	500	10,800	725	13,039	-	-	1,225	23,839
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	582	10,145	14	183	596	10,327
Nevada	-	-	724	16,240	48	934	-	-	772	17,174
New Mexico	-	-	-	-	1,416	25,448	-	-	1,416	25,448
Utah	-	-	952	21,947	-	-	-	-	952	21,947
Wyoming	-	-	170	3,281	1,746	30,345	-	-	1,916	33,626
Pacific	-	-	-	-	534	8,718	-	-	534	8,718
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	101	1,685	-	-	101	1,685
Washington	-	-	-	-	433	7,033	-	-	433	7,033
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U. S. Total	91	1,471	36,672	875,689	19,823	346,363	6,841	88,393	63,427	1,311,916

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

Census Division and State	July 1990 ¹		July 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	427	11,258	498	13,090	99,783	96,020	179.6	167.2
Connecticut	63	1,663	99	2,667	18,191	12,219	210.9	217.7
Maine	-	-	-	-	-	-	-	-
Massachusetts	297	7,812	361	9,423	65,039	70,539	171.9	158.4
New Hampshire	67	1,782	38	999	18,553	13,262	179.1	167.4
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	4,195	103,425	3,359	83,314	856,824	782,729	154.9	147.8
New Jersey	75	1,967	138	3,700	47,287	50,858	179.2	173.8
New York	705	18,105	625	15,866	157,330	144,256	161.0	156.4
Pennsylvania	3,415	83,354	2,597	63,748	652,207	587,816	151.6	143.4
East North Central	14,324	313,036	11,357	246,846	2,177,117	1,950,197	152.6	154.7
Illinois	2,108	45,489	1,785	37,801	332,760	302,959	175.6	182.2
Indiana	3,889	81,134	2,598	56,177	603,226	461,815	139.2	137.6
Michigan	2,675	58,054	2,701	57,386	332,631	329,341	165.7	177.7
Ohio	4,184	99,417	3,027	71,059	713,519	663,047	151.6	145.7
Wisconsin	1,467	28,942	1,247	24,422	194,981	193,236	136.6	144.3
West North Central	8,475	147,963	6,157	140,175	1,049,252	1,004,394	115.3	115.7
Iowa	1,308	23,801	1,353	24,088	156,815	146,003	112.5	124.4
Kansas	1,336	24,152	1,257	22,476	167,899	159,808	125.1	122.5
Minnesota	1,134	20,015	1,153	20,341	169,201	150,101	133.2	128.8
Missouri	1,908	40,009	1,725	35,335	292,341	295,280	137.9	133.6
Nebraska	813	13,976	700	12,020	86,101	74,261	77.0	87.1
North Dakota	1,780	23,612	1,784	23,623	163,107	164,658	68.8	69.6
South Dakota	197	2,398	185	2,293	13,789	14,283	116.7	124.7
South Atlantic	10,274	254,139	8,233	204,531	1,929,356	1,811,062	167.9	163.8
Delaware	165	4,298	54	1,390	33,294	27,384	182.8	178.9
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,857	45,823	1,640	40,490	354,817	339,995	185.4	178.2
Georgia	2,575	61,100	1,944	47,478	387,108	354,349	172.9	173.4
Maryland	727	18,512	718	18,098	148,153	127,226	164.7	159.2
North Carolina	1,348	33,929	1,088	27,151	280,390	251,661	179.0	175.3
South Carolina	825	20,934	750	18,934	135,230	136,266	171.8	171.7
Virginia	635	16,163	589	15,078	109,917	145,484	156.4	151.8
West Virginia	2,142	53,380	1,450	35,912	480,447	428,696	146.2	139.8
East South Central	6,334	150,767	4,738	111,892	1,153,789	1,008,462	143.8	143.3
Alabama	1,783	43,541	1,395	33,423	308,844	292,745	186.5	187.5
Kentucky	2,635	60,973	2,036	48,858	491,729	404,428	119.3	113.7
Mississippi	308	7,712	277	6,994	58,488	51,718	163.7	170.4
Tennessee	1,608	38,540	1,030	24,617	294,707	259,571	136.1	134.2
West South Central	10,912	167,628	10,923	167,124	1,061,614	1,089,180	148.4	147.5
Arkansas	1,062	18,586	1,025	17,796	105,347	112,449	165.9	163.0
Louisiana	943	15,340	1,095	17,862	98,133	110,614	169.8	161.6
Oklahoma	1,170	20,764	1,282	22,572	151,028	148,774	138.8	135.6
Texas	7,737	112,937	7,522	108,894	707,107	717,344	144.8	145.4
Mountain	7,951	154,082	7,719	151,500	1,118,315	1,078,353	113.6	112.2
Arizona	1,075	22,619	1,182	25,525	185,179	180,098	145.0	139.2
Colorado	1,225	23,839	1,187	23,244	175,467	178,393	107.8	106.6
Idaho	-	-	-	-	-	-	-	-
Montana	596	10,327	872	14,874	89,915	92,745	66.3	55.3
Nevada	772	17,174	670	14,857	95,213	94,076	152.2	142.5
New Mexico	1,416	25,448	1,328	24,310	161,863	153,512	129.8	125.4
Utah	952	21,947	904	20,964	184,491	164,603	113.4	126.4
Wyoming	1,916	33,626	1,575	27,726	226,187	214,926	83.4	85.2
Pacific Contiguous	534	8,718	445	7,246	53,279	53,923	158.7	154.4
California	-	-	-	-	-	-	-	-
Oregon	101	1,685	-	-	1,685	-	110.5	-
Washington	433	7,033	445	7,246	51,594	53,923	160.3	154.4
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	63,427	1,311,916	55,429	1,125,717	9,499,309	8,874,321	146.0	144.3

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, July 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	273	183.1	48.01	154	183.5	48.94	14	165.1	42.90	412	183.8	48.53
Connecticut	63	217.3	57.36	-	-	-	-	-	-	63	217.3	57.36
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	161	171.8	44.75	135	184.4	49.22	14	165.1	42.90	282	178.3	46.99
New Hampshire	48	175.5	46.69	19	177.1	46.85	-	-	-	67	175.9	46.73
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	3,225	180.0	39.65	970	139.7	33.83	1,899	145.0	35.17	2,296	163.7	40.90
New Jersey	67	178.4	47.30	8	180.9	45.54	38	182.9	47.71	37	174.4	46.49
New York	471	162.7	42.64	234	158.0	38.89	265	153.1	37.75	440	165.8	43.59
Pennsylvania	2,687	158.9	38.94	728	133.2	32.07	1,596	142.7	34.44	1,819	162.9	40.13
East North Central	10,548	159.7	34.86	3,776	124.8	27.35	10,170	146.8	31.01	4,154	158.6	37.48
Illinois	1,695	189.1	40.25	413	131.9	30.03	1,128	201.7	42.08	980	151.1	33.85
Indiana	3,279	135.3	28.31	610	115.0	23.62	3,088	124.5	25.56	801	159.7	35.33
Michigan	1,982	172.4	37.93	693	143.5	29.88	2,137	162.6	33.55	539	173.3	44.96
Ohio	2,625	165.0	39.19	1,567	121.1	28.79	2,616	143.4	33.80	1,569	157.2	37.85
Wisconsin	967	145.7	29.61	500	116.8	21.67	1,202	130.1	24.01	265	157.4	40.05
West North Central	7,466	114.4	19.72	1,009	109.5	10.90	7,652	106.4	17.94	823	164.2	37.75
Iowa	971	122.9	22.33	337	101.2	18.46	1,245	115.2	20.71	63	151.0	33.67
Kansas	1,214	125.8	22.12	122	128.3	29.63	1,241	122.4	21.64	95	162.6	37.96
Minnesota	1,100	129.6	22.86	33	126.4	23.21	1,127	129.2	22.75	7	171.4	41.63
Missouri	1,564	140.0	29.73	343	124.9	24.72	1,250	120.4	23.97	658	165.6	38.07
Nebraska	640	79.0	13.70	173	68.8	11.46	812	76.9	13.22	-	139.9	31.49
North Dakota	1,780	66.2	8.78	-	-	-	1,780	66.2	8.78	-	-	-
South Dakota	197	111.3	13.55	-	-	-	197	111.3	13.55	-	-	-
South Atlantic	7,497	176.6	44.05	2,777	141.8	34.29	3,893	163.7	39.87	6,381	169.6	42.35
Delaware	129	187.6	48.95	36	173.4	44.69	36	178.3	46.43	130	186.3	48.46
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,569	193.0	47.84	288	141.8	34.12	579	177.9	43.90	1,278	188.6	46.53
Georgia	1,575	183.5	44.75	1,000	149.1	33.85	1,312	162.9	37.62	1,263	178.4	43.53
Maryland	515	165.9	42.21	213	162.6	41.44	423	170.2	42.96	299	157.7	40.59
North Carolina	1,080	184.4	46.38	268	143.6	36.28	607	171.3	43.06	741	180.3	45.44
South Carolina	566	175.6	44.36	259	158.1	40.49	121	164.9	42.64	704	170.9	43.23
Virginia	450	157.2	40.13	185	128.7	32.48	233	146.7	37.04	402	150.2	38.40
West Virginia	1,614	157.4	39.29	528	113.6	28.19	577	143.7	35.46	1,564	147.7	36.96
East South Central	5,016	154.5	36.69	1,318	123.0	29.53	3,269	148.1	35.37	3,085	146.6	35.02
Alabama	1,436	207.0	50.70	347	130.1	31.36	912	193.9	47.86	871	190.4	45.97
Kentucky	2,052	121.7	27.90	584	117.0	27.92	1,659	119.3	27.82	976	122.8	28.06
Mississippi	228	170.2	43.13	80	145.5	35.27	66	171.3	41.83	242	162.1	40.88
Tennessee	1,301	142.0	33.96	307	120.1	29.03	632	156.5	36.50	976	126.1	30.76
West South Central	10,655	144.5	22.07	256	126.8	24.43	10,848	143.7	22.00	64	185.8	42.49
Arkansas	1,062	147.3	25.79	-	-	-	1,062	147.3	25.79	-	-	-
Louisiana	943	169.5	27.59	-	-	-	921	168.2	26.96	22	204.1	54.06
Oklahoma	1,052	145.8	25.40	118	119.4	24.62	1,170	142.7	25.32	-	-	-
Texas	7,599	140.4	20.40	138	133.9	24.27	7,695	140.0	20.39	42	173.9	36.53
Mountain	7,310	110.9	21.66	641	87.5	16.58	6,352	102.8	19.15	1,599	129.3	29.61
Arizona	1,075	130.8	27.52	-	-	-	1,004	127.2	26.53	72	175.6	41.35
Colorado	1,023	105.1	20.02	203	98.2	21.11	902	97.9	18.23	323	117.9	25.70
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	596	69.6	12.07	-	-	-	596	69.6	12.07	-	-	-
Nevada	772	137.3	30.56	-	-	-	519	115.3	24.97	253	179.1	42.02
New Mexico	1,416	125.3	22.52	-	-	-	1,416	125.3	22.52	-	-	-
Utah	841	117.5	26.98	110	105.4	25.04	-	-	-	952	116.0	26.75
Wyoming	1,588	80.6	14.45	328	69.3	10.94	1,916	78.9	13.85	-	-	-
Pacific	502	153.4	24.98	32	127.2	21.33	534	151.8	24.76	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	101	110.5	18.38	-	-	-	101	110.5	18.38	-	-	-
Washington	401	164.5	26.65	32	127.2	21.33	433	161.7	26.26	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	52,493	147.9	30.03	10,933	128.6	28.94	44,631	136.0	26.09	18,796	159.7	38.75

* = 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 32. Receipts of Coal and Average Cost by Sulfur Content,
Census Division and State, July 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)		(1,000 short tons)	(Cents per 10 ⁶ Btu)		(1,000 short tons)	(Cents per 10 ⁶ Btu)
New England	-	-	-	128	199.4	53.29	261	176.6	46.21
Connecticut	-	-	-	63	217.3	57.36	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	65	182.4	49.33	232	176.3	46.09
New Hampshire	-	-	-	-	-	-	29	179.2	47.22
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	41	207.9	52.57	338	164.4	37.99	277	146.4	35.93
New Jersey	-	-	-	31	171.9	45.46	-	-	-
New York	35	217.2	57.15	113	200.9	50.70	34	162.3	39.71
Pennsylvania	6	133.7	25.75	195	137.9	29.47	242	144.2	35.40
East North Central	3,951	157.6	28.55	2,444	164.9	40.39	1,277	156.0	36.51
Illinois	507	291.6	55.72	315	166.8	41.84	42	123.5	28.97
Indiana	1,103	129.2	22.48	202	196.5	46.13	278	161.0	34.74
Michigan	1,466	156.6	29.45	1,015	171.8	43.14	172	175.4	45.75
Ohio	-	-	-	809	147.1	35.70	732	149.3	34.99
Wisconsin	874	109.5	18.92	102	170.0	34.45	52	179.0	42.99
West North Central	4,173	106.5	18.55	2,393	90.9	12.91	379	149.2	27.89
Iowa	1,003	105.8	18.02	-	-	-	11	96.3	16.18
Kansas	1,206	122.3	21.41	-	-	-	-	-	-
Minnesota	596	118.5	20.98	523	141.1	24.63	1	196.5	48.06
Missouri	556	103.1	18.50	77	112.9	20.44	184	195.9	45.81
Nebraska	812	76.9	13.22	*	139.9	31.49	-	-	-
North Dakota	-	-	-	1,596	65.3	8.63	184	73.2	10.09
South Dakota	-	-	-	197	111.3	13.55	-	-	-
South Atlantic	291	125.9	21.69	3,244	172.7	43.35	3,388	171.9	43.21
Delaware	-	-	-	106	186.4	48.41	59	181.4	47.33
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	-	-	-	554	177.2	44.63	482	196.4	49.81
Georgia	262	125.1	21.25	421	203.5	50.81	1,006	169.1	41.76
Maryland	-	-	-	147	156.9	40.29	135	155.6	39.44
North Carolina	9	143.1	35.51	764	180.5	44.87	571	171.5	43.88
South Carolina	-	-	-	99	163.7	42.11	620	169.6	43.14
Virginia	-	-	-	441	148.7	37.65	194	149.6	38.47
West Virginia	-	-	-	711	160.5	39.91	321	167.1	40.43
East South Central	211	214.5	52.87	1,576	181.5	44.60	744	145.4	35.56
Alabama	168	237.6	58.31	636	218.7	54.09	244	182.8	44.53
Kentucky	43	125.7	31.53	561	133.3	32.90	216	132.6	31.36
Mississippi	-	-	-	134	180.6	46.24	-	-	-
Tennessee	-	-	-	245	196.6	45.90	284	123.5	31.05
West South Central	6,244	169.5	29.05	2,473	98.1	12.84	1,384	90.8	12.21
Arkansas	1,062	147.3	25.79	-	-	-	-	-	-
Louisiana	884	168.7	27.21	59	180.6	33.29	-	-	-
Oklahoma	1,113	142.6	24.77	17	155.7	37.76	18	145.2	38.92
Texas	3,185	186.7	32.14	2,397	94.4	12.16	1,366	89.4	11.86
Mountain	3,831	103.0	20.62	4,120	114.9	21.85	-	-	-
Arizona	908	121.3	26.13	167	192.3	35.07	-	-	-
Colorado	1,178	103.5	20.06	47	110.3	23.74	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	14	116.2	15.61	582	68.8	11.99	-	-	-
Nevada	119	184.9	39.07	653	129.2	29.00	-	-	-
New Mexico	-	-	-	1,416	125.3	22.52	-	-	-
Utah	741	112.7	25.84	210	127.4	29.96	-	-	-
Wyoming	871	52.1	8.72	1,045	99.4	18.12	-	-	-
Pacific	133	114.5	19.09	401	164.5	26.65	-	-	-
California	-	-	-	-	-	-	-	-	-
Oregon	101	110.5	18.38	-	-	-	-	-	-
Washington	32	127.2	21.33	401	164.5	26.65	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U. S. Total	18,875	138.5	25.04	17,116	143.9	28.78	7,710	155.8	34.87

* = 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 32. Receipts of Coal and Average Cost by Sulfur Content,
Census Division and State, July 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	-	-	-	38	173.5	46.37	-	-	-	183.2	48.34
Connecticut	-	-	-	-	-	-	-	-	-	217.3	57.36
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	177.7	46.79
New Hampshire	-	-	-	38	173.5	46.37	-	-	-	175.9	46.73
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,461	155.8	38.54	1,503	155.1	38.91	575	150.4	38.44	155.4	38.30
New Jersey	-	-	-	44	183.4	48.26	-	-	-	178.7	47.11
New York	126	156.0	40.28	377	147.5	38.02	20	131.1	34.62	161.2	41.39
Pennsylvania	1,334	155.8	38.37	1,082	156.5	38.84	555	151.2	36.51	153.5	37.48
East North Central	824	138.5	33.93	2,524	136.8	31.00	3,304	143.3	32.29	150.5	32.88
Illinois	155	113.4	25.92	372	138.7	30.06	716	148.8	31.77	177.3	38.25
Indiana	121	112.4	25.70	1,186	123.6	27.38	998	125.8	27.91	132.2	27.57
Michigan	-	-	-	-	-	-	22	208.6	48.76	165.2	35.85
Ohio	326	148.5	36.77	748	145.8	35.08	1,569	150.6	35.08	148.7	35.32
Wisconsin	221	156.4	39.89	218	171.2	38.34	-	-	-	136.4	26.91
West North Central	19	161.3	37.42	982	143.5	32.29	528	146.1	32.35	113.8	19.86
Iowa	8	158.3	36.90	237	140.0	30.97	51	181.8	40.77	117.3	21.33
Kansas	-	-	-	114	156.2	36.46	16	125.7	30.41	126.1	22.80
Minnesota	11	163.4	37.77	3	126.1	26.68	-	-	-	129.5	22.87
Missouri	-	-	-	629	142.4	32.06	462	142.9	31.49	137.5	28.83
Nebraska	-	-	-	-	-	-	-	-	-	76.9	13.23
North Dakota	-	-	-	-	-	-	-	-	-	66.2	8.78
South Dakota	-	-	-	-	-	-	-	-	-	111.3	13.55
South Atlantic	1,142	165.0	41.39	1,259	174.4	42.23	950	135.3	33.34	167.4	41.41
Delaware	-	-	-	-	-	-	-	-	-	184.6	48.02
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	-	706	191.2	45.87	116	139.6	32.92	185.3	45.71
Georgia	362	167.6	42.44	281	171.3	41.03	223	159.2	36.06	170.8	40.52
Maryland	397	170.9	43.36	49	167.3	42.93	-	-	-	165.0	41.99
North Carolina	3	151.6	37.55	-	-	-	-	-	-	176.3	44.37
South Carolina	105	178.8	44.15	-	-	-	-	-	-	170.0	43.15
Virginia	-	-	-	-	-	-	-	-	-	148.9	37.90
West Virginia	275	147.6	36.16	223	128.5	32.06	611	126.9	32.43	146.7	36.55
East South Central	672	135.2	32.89	2,064	135.0	31.79	1,068	115.5	25.77	147.9	35.20
Alabama	162	161.0	38.29	457	170.5	41.45	117	125.5	30.05	192.2	46.93
Kentucky	50	122.2	29.36	816	114.8	26.39	949	114.2	25.23	120.6	27.90
Mississippi	9	135.8	33.59	163	152.0	37.46	2	122.3	28.78	164.0	41.08
Tennessee	451	127.6	31.02	628	129.4	30.30	-	-	-	137.8	33.02
West South Central	548	133.0	15.99	257	85.5	9.64	6	105.0	26.85	144.0	22.12
Arkansas	-	-	-	-	-	-	-	-	-	147.3	25.79
Louisiana	-	-	-	-	-	-	-	-	-	169.5	27.59
Oklahoma	17	145.9	33.85	-	-	-	6	105.0	26.85	142.7	25.32
Texas	531	132.2	15.42	257	85.5	9.64	-	-	-	140.3	20.47
Mountain	-	-	-	-	-	-	-	-	-	109.0	21.25
Arizona	-	-	-	-	-	-	-	-	-	130.8	27.52
Colorado	-	-	-	-	-	-	-	-	-	103.8	20.20
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	69.6	12.07
Nevada	-	-	-	-	-	-	-	-	-	137.3	30.58
New Mexico	-	-	-	-	-	-	-	-	-	125.3	22.52
Utah	-	-	-	-	-	-	-	-	-	116.0	26.75
Wyoming	-	-	-	-	-	-	-	-	-	78.9	13.85
Pacific	-	-	-	-	-	-	-	-	-	151.8	24.76
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	110.5	18.38
Washington	-	-	-	-	-	-	-	-	-	161.7	26.26
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	4,667	150.8	34.93	8,627	145.7	33.78	6,431	138.4	31.74	144.3	29.84

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, July 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	12	69	-	-	-	-	4,549	28,893	4,561	28,962
Connecticut	3	18	-	-	-	-	1,391	8,825	1,394	8,843
Maine	1	4	-	-	-	-	354	2,207	354	2,211
Massachusetts	6	37	-	-	-	-	2,307	14,604	2,313	14,640
New Hampshire	2	10	-	-	-	-	498	3,257	499	3,267
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	116	676	-	-	-	-	7,777	49,021	7,893	49,697
New Jersey	38	222	-	-	-	-	1,048	6,561	1,066	6,783
New York	1	6	-	-	-	-	5,524	34,796	5,525	34,802
Pennsylvania	77	448	-	-	-	-	1,205	7,664	1,282	8,111
East North Central	127	734	-	-	-	-	456	2,866	583	3,600
Illinois	40	232	-	-	-	-	291	1,852	331	2,083
Indiana	29	165	-	-	-	-	-	-	29	165
Michigan	19	107	-	-	-	-	165	1,012	184	1,119
Ohio	38	219	-	-	-	-	-	2	38	221
Wisconsin	2	11	-	-	-	-	-	-	2	11
West North Central	48	278	-	-	-	-	7	46	55	324
Iowa	7	43	-	-	-	-	-	-	7	43
Kansas	*	1	-	-	-	-	-	-	*	1
Minnesota	1	7	-	-	-	-	-	-	1	7
Missouri	38	220	-	-	-	-	7	46	45	266
Nebraska	-	-	-	-	-	-	-	-	-	-
North Dakota	1	7	-	-	-	-	-	-	1	7
South Dakota	-	-	-	-	-	-	-	-	-	-
South Atlantic	201	1,173	271	1,629	-	-	6,842	43,429	7,314	46,231
Delaware	5	29	-	-	-	-	392	2,507	397	2,536
District of Columbia	1	6	271	1,629	-	-	-	-	272	1,636
Florida	50	294	-	-	-	-	5,400	34,290	5,450	34,584
Georgia	32	188	-	-	-	-	25	155	57	342
Maryland	16	90	-	-	-	-	1,025	6,477	1,041	6,567
North Carolina	23	134	-	-	-	-	-	-	23	134
South Carolina	1	8	-	-	-	-	-	-	1	8
Virginia	36	211	-	-	-	-	-	-	36	211
West Virginia	37	215	-	-	-	-	-	-	37	215
East South Central	43	248	-	-	-	-	96	608	138	857
Alabama	7	42	-	-	-	-	-	-	7	42
Kentucky	21	125	-	-	-	-	-	-	21	125
Mississippi	2	12	-	-	-	-	96	608	98	620
Tennessee	12	70	-	-	-	-	-	-	12	70
West South Central	49	287	*	1	-	-	84	528	134	816
Arkansas	7	43	-	-	-	-	-	-	7	43
Louisiana	15	88	-	-	-	-	82	512	97	600
Oklahoma	-	-	-	-	-	-	-	-	-	-
Texas	27	157	*	1	-	-	2	16	29	173
Mountain	28	162	-	-	2	12	61	382	91	557
Arizona	13	74	-	-	-	-	21	131	34	205
Colorado	2	14	-	-	-	-	-	-	2	14
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	2	12	-	-	-	-	-	-	2	12
Nevada	1	6	-	-	-	-	40	251	41	257
New Mexico	4	21	-	-	2	12	-	-	6	33
Utah	-	-	-	-	-	-	-	-	-	-
Wyoming	6	36	-	-	-	-	-	-	6	36
Pacific	14	84	-	-	-	-	848	5,197	862	5,281
California	-	-	-	-	-	-	848	5,197	848	5,197
Oregon	13	78	-	-	-	-	-	-	13	78
Washington	1	6	-	-	-	-	-	-	1	6
Pacific Noncontiguous	-	-	-	-	-	-	1,157	7,220	1,157	7,220
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	1,157	7,220	1,157	7,220
U. S. Total	638	3,712	271	1,630	2	12	21,877	138,190	22,788	143,544

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	July 1990 ¹		July 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	4,561	28,962	4,207	26,742	224,475	237,293	262.3	263.0
Connecticut	1,394	8,843	1,520	9,608	67,766	80,795	271.7	278.9
Maine	354	2,211	365	2,311	18,867	18,002	259.5	268.8
Massachusetts	2,313	14,640	1,937	12,296	116,459	112,929	264.4	259.7
New Hampshire	500	3,267	385	2,527	19,394	22,195	210.0	218.5
Rhode Island	-	-	-	-	1,990	3,372	354.4	260.6
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	7,893	49,697	7,538	47,467	288,896	344,799	319.0	285.9
New Jersey	1,086	6,783	1,339	8,354	22,505	48,353	314.4	291.7
New York	5,525	34,802	4,700	29,646	237,608	241,650	320.7	285.9
Pennsylvania	1,282	8,111	1,499	9,468	28,584	54,796	307.9	280.8
East North Central	583	3,600	704	4,330	17,787	22,429	344.6	327.4
Illinois	331	2,083	246	1,542	7,023	8,806	340.1	337.1
Indiana	29	165	30	171	1,206	1,214	430.8	396.2
Michigan	184	1,119	382	2,340	7,083	8,886	316.5	306.1
Ohio	38	221	41	244	2,298	3,152	395.4	328.4
Wisconsin	2	11	6	33	176	371	401.0	372.6
West North Central	55	324	32	194	1,338	1,496	387.8	344.3
Iowa	7	43	7	38	270	168	404.1	396.7
Kansas	-	1	1	3	143	239	424.9	403.0
Minnesota	1	7	3	20	87	79	435.9	425.5
Missouri	45	266	11	70	635	276	359.2	327.1
Nebraska	-	-	3	15	14	396	394.9	225.6
North Dakota	1	7	6	34	161	297	396.2	405.8
South Dakota	-	-	2	14	29	42	484.7	444.1
South Atlantic	7,314	46,231	6,749	42,463	200,515	262,576	258.3	274.8
Delaware	397	2,536	387	2,446	9,385	14,145	256.9	267.2
District of Columbia	272	1,635	319	1,915	3,169	4,620	324.8	319.8
Florida	5,450	34,584	4,358	27,596	146,193	170,459	242.6	272.0
Georgia	57	342	34	200	1,190	847	413.8	367.2
Maryland	1,041	6,567	1,228	7,710	28,506	39,340	280.3	266.6
North Carolina	23	134	27	157	882	716	440.3	377.6
South Carolina	1	8	3	14	200	242	508.1	384.8
Virginia	36	211	369	2,282	9,817	30,602	340.8	283.3
West Virginia	37	215	24	141	1,172	1,604	483.2	436.3
East South Central	138	857	73	440	6,491	7,780	286.6	288.1
Alabama	7	42	8	46	314	446	425.4	391.4
Kentucky	21	125	13	74	543	598	471.8	454.8
Mississippi	98	620	43	267	5,427	6,296	256.2	258.4
Tennessee	12	70	9	53	207	441	387.2	382.0
West South Central	134	816	33	193	4,762	6,795	442.2	359.5
Arkansas	7	43	10	60	507	884	477.0	377.2
Louisiana	97	600	9	52	1,061	938	335.3	442.3
Oklahoma	-	-	4	23	2	92	401.8	388.4
Texas	29	173	10	58	3,192	4,881	472.2	339.9
Mountain	91	557	94	565	3,702	4,778	374.5	319.4
Arizona	34	205	25	148	1,418	1,179	410.6	394.1
Colorado	2	14	7	39	155	105	464.9	371.6
Idaho	-	-	-	-	-	-	-	-
Montana	2	12	8	47	124	154	464.0	417.4
Nevada	41	257	29	185	1,415	2,508	294.4	250.4
New Mexico	6	33	8	46	178	234	398.0	384.2
Utah	-	-	-	-	71	135	449.3	416.7
Wyoming	6	36	17	100	342	461	454.6	397.3
Pacific Contiguous	862	5,281	6	36	55,105	30,219	403.6	316.5
California	848	5,197	2	12	54,918	29,887	403.5	316.4
Oregon	13	78	-	-	78	48	347.3	427.8
Washington	1	6	4	24	109	284	498.1	310.2
Pacific Noncontiguous	1,157	7,220	928	5,829	36,067	37,208	362.3	333.0
Alaska	-	-	-	-	-	-	-	-
Hawaii	1,157	7,220	928	5,829	36,067	37,208	362.3	333.0
U.S. Total	22,788	143,544	20,384	128,259	838,939	955,373	298.1	281.8

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. *The July 1990 petroleum coke receipts were 47,000 short tons and the cost was 80.4 cents per million Btu.

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

Table 35. Receipts of Petroleum and Average Cost by Type of Petroleum, Census Division and State, July 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	3,520	215.0	13.87	1,029	239.9	15.19	403.0	23.52	-	-	220.6	14.01
Connecticut	1,261	236.9	15.06	130	248.5	15.48	408.5	23.89	-	-	238.0	15.10
Maine	354	214.6	13.39	-	-	-	369.2	21.67	-	-	214.6	13.39
Massachusetts	1,407	212.3	13.42	899	238.7	15.15	397.8	23.19	-	-	222.6	14.09
New Hampshire	498	168.8	11.05	-	-	-	424.6	24.72	-	-	168.8	11.05
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	5,430	253.4	16.00	2,347	258.2	16.20	379.5	22.08	-	-	254.9	16.06
New Jersey	978	277.1	17.33	71	258.6	16.39	372.8	21.77	-	-	275.9	17.27
New York	3,816	249.6	15.78	1,707	257.7	16.10	443.1	25.62	-	-	252.1	15.88
Pennsylvania	636	240.1	15.28	569	259.8	16.51	381.8	22.18	-	-	249.4	15.88
East North Central	258	268.2	17.09	198	267.6	16.47	381.4	22.10	-	-	267.9	16.82
Illinois	258	268.2	17.09	33	199.0	12.54	381.8	22.19	-	-	260.4	16.57
Indiana	-	-	-	-	-	-	379.0	21.91	-	-	-	-
Michigan	-	-	-	165	282.0	17.28	367.7	21.28	-	-	282.0	17.28
Ohio	-	-	-	-	67.4	4.20	390.2	22.58	-	-	67.4	4.20
Wisconsin	-	-	-	-	-	-	368.2	21.65	-	-	-	-
West North Central	-	-	-	7	152.6	10.08	368.6	21.35	-	-	152.6	10.08
Iowa	-	-	-	-	-	-	386.4	22.52	-	-	-	-
Kansas	-	-	-	-	-	-	452.1	26.20	-	-	-	-
Minnesota	-	-	-	-	-	-	395.8	22.92	-	-	-	-
Missouri	-	-	-	7	152.6	10.08	362.4	20.98	-	-	152.6	10.08
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	413.8	23.76	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	3,825	231.2	14.65	3,017	217.4	13.82	395.2	23.07	302.2	18.16	225.1	14.29
Delaware	74	223.2	14.19	318	217.2	13.90	375.6	22.12	-	-	218.3	13.95
District of Columbia	-	-	-	-	-	-	388.1	22.30	302.2	18.16	-	-
Florida	2,718	233.4	14.81	2,683	217.5	13.82	389.9	22.92	-	-	225.5	14.32
Georgia	9	221.3	13.66	16	207.7	13.03	415.5	24.08	-	-	212.4	13.25
Maryland	1,025	225.9	14.27	-	-	-	400.5	23.03	-	-	225.9	14.27
North Carolina	-	-	-	-	-	-	386.0	22.43	-	-	-	-
South Carolina	-	-	-	-	-	-	409.9	23.76	-	-	-	-
Virginia	-	-	-	-	-	-	356.4	20.93	-	-	-	-
West Virginia	-	-	-	-	-	-	428.7	25.00	-	-	-	-
East South Central	94	230.2	14.63	2	196.2	12.44	418.2	24.34	-	-	229.4	14.58
Alabama	-	-	-	-	-	-	408.9	23.41	-	-	-	-
Kentucky	-	-	-	-	-	-	437.4	25.60	-	-	-	-
Mississippi	94	230.2	14.63	2	196.2	12.44	424.9	24.79	-	-	229.4	14.58
Tennessee	-	-	-	-	-	-	388.1	22.60	-	-	-	-
West South Central	2	350.0	21.83	82	238.3	14.89	431.8	25.23	297.0	17.76	241.6	15.09
Arkansas	-	-	-	-	-	-	469.9	27.14	-	-	-	-
Louisiana	-	-	-	82	238.3	14.89	402.3	23.74	-	-	238.3	14.89
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	2	350.0	21.83	-	-	-	437.9	25.53	297.0	17.76	350.0	21.83
Mountain	-	-	-	61	290.8	18.10	396.4	23.12	163.7	9.97	290.8	18.10
Arizona	-	-	-	21	342.4	21.19	373.5	21.88	-	-	342.4	21.19
Colorado	-	-	-	-	-	-	384.0	22.11	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	454.4	26.91	-	-	-	-
Nevada	-	-	-	40	263.8	16.47	430.8	25.06	-	-	263.8	16.47
New Mexico	-	-	-	-	-	-	422.6	24.14	163.7	9.97	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	408.6	23.92	-	-	-	-
Pacific	-	-	-	848	234.0	14.35	353.1	20.83	-	-	234.0	14.35
California	-	-	-	848	234.0	14.35	-	-	-	-	234.0	14.35
Oregon	-	-	-	-	-	-	347.3	20.28	-	-	-	-
Washington	-	-	-	-	-	-	429.5	25.43	-	-	-	-
Pacific Noncontiguous	1,157	282.4	17.63	-	-	-	-	-	-	-	282.4	17.63
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	1,157	282.4	17.63	-	-	-	-	-	-	-	282.4	17.63
U. S. Total	14,286	240.4	15.21	7,591	236.9	14.91	391.2	22.77	301.2	18.10	239.2	15.11

* = 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 36. Receipts of Heavy Oil and Average Cost by Sulfur Content, Census Division and State, July 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	-	-	-	614	244.6	15.32	1,822	227.4	14.43
Connecticut	-	-	-	414	259.6	16.28	976	228.9	14.60
Maine	-	-	-	154	220.4	13.69	180	211.5	13.24
Massachusetts	-	-	-	11	245.4	15.50	666	229.3	14.49
New Hampshire	-	-	-	34	171.7	11.05	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,938	282.5	17.58	1,056	263.9	16.59	3,069	249.5	15.82
New Jersey	701	281.6	17.54	71	258.6	16.39	276	266.0	16.79
New York	1,236	283.1	17.61	551	279.2	17.35	2,021	246.6	15.62
Pennsylvania	-	-	-	434	245.9	15.65	771	251.4	15.98
East North Central	-	-	-	-	-	-	456	267.9	16.82
Illinois	-	-	-	-	-	-	291	260.4	16.57
Indiana	-	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	165	282.0	17.28
Ohio	-	-	-	-	-	-	-	67.4	4.20
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
South Atlantic	-	-	-	-	-	-	4,699	236.7	14.98
Delaware	-	-	-	-	-	-	319	217.3	13.90
District of Columbia	-	-	-	-	-	-	271	302.2	18.16
Florida	-	-	-	-	-	-	3,416	231.8	14.73
Georgia	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	692	245.7	15.50
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	82	238.3	14.89	-	-	-	3	347.7	21.64
Arkansas	-	-	-	-	-	-	-	-	-
Louisiana	82	238.3	14.89	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	3	347.7	21.64
Mountain	-	-	-	-	-	-	35	307.2	19.06
Arizona	-	-	-	-	-	-	21	342.4	21.19
Colorado	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	12	268.8	16.80
New Mexico	-	-	-	-	-	-	2	163.7	9.97
Utah	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific	211	246.0	15.01	236	233.8	14.38	135	303.8	18.36
California	211	246.0	15.01	236	233.8	14.38	135	303.8	18.36
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	1,157	282.4	17.83	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	1,157	282.4	17.83	-	-	-
U. S. Total	2,231	277.5	17.24	3,082	264.7	16.56	10,219	241.4	15.28

* = 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. *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, July 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			
	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(Cents per 10 ⁶ Btu)	(\$ per bbl)
New England	970	224.2	14.40	1,142	194.1	12.32	-	-	-	220.6	14.01
Connecticut	-	-	-	-	-	-	-	-	-	238.0	15.10
Maine	19	198.4	12.50	-	-	-	-	-	-	214.6	13.39
Massachusetts	689	246.3	15.73	941	199.9	12.60	-	-	-	222.6	14.09
New Hampshire	262	169.1	11.05	202	168.0	11.05	-	-	-	168.8	11.05
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,715	228.2	14.46	-	-	-	-	-	-	254.9	16.06
New Jersey	-	-	-	-	-	-	-	-	-	275.9	17.27
New York	1,715	228.2	14.46	-	-	-	-	-	-	252.1	15.88
Pennsylvania	-	-	-	-	-	-	-	-	-	249.4	15.86
East North Central	-	-	-	-	-	-	-	-	-	267.9	16.82
Illinois	-	-	-	-	-	-	-	-	-	260.4	16.57
Indiana	-	-	-	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-	-	282.0	17.28
Ohio	-	-	-	-	-	-	-	-	-	67.4	4.20
Wisconsin	-	-	-	-	-	-	-	-	-	-	-
West North Central	7	152.6	10.08	-	-	-	-	-	-	152.6	10.08
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-	-	-
Missouri	7	152.6	10.08	-	-	-	-	-	-	152.6	10.08
Nebraska	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	1,896	209.3	13.29	518	215.9	13.65	-	-	-	227.9	14.43
Delaware	-	-	-	73	223.0	14.18	-	-	-	218.3	13.95
District of Columbia	-	-	-	-	-	-	-	-	-	302.2	18.16
Florida	1,556	214.6	13.62	428	214.7	13.57	-	-	-	225.5	14.32
Georgia	7	207.7	13.10	18	214.4	13.32	-	-	-	212.4	13.25
Maryland	333	184.9	11.73	-	-	-	-	-	-	225.9	14.27
North Carolina	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	96	229.4	14.58	-	-	-	229.4	14.58
Alabama	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	96	229.4	14.58	-	-	-	229.4	14.58
Tennessee	-	-	-	-	-	-	-	-	-	-	-
West South Central	-	-	-	-	-	-	-	-	-	241.7	15.10
Arkansas	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	238.3	14.89
Oklahoma	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	347.7	21.64
Mountain	28	261.6	16.33	-	-	-	-	-	-	286.8	17.84
Arizona	-	-	-	-	-	-	-	-	-	342.4	21.19
Colorado	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-
Nevada	28	261.6	16.33	-	-	-	-	-	-	263.8	16.47
New Mexico	-	-	-	-	-	-	-	-	-	163.7	9.97
Utah	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-
Pacific	266	190.2	11.76	-	-	-	-	-	-	234.0	14.35
California	266	190.2	11.76	-	-	-	-	-	-	234.0	14.35
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	282.4	17.63
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	282.4	17.63
U. S. Total	4,883	218.1	13.85	1,756	202.4	12.84	-	-	-	239.9	15.14

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, July 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	8,038	8,391	-	-	-	-	8,038	8,391
Connecticut	672	693	-	-	-	-	672	693
Maine	-	-	-	-	-	-	-	-
Massachusetts	6,756	7,068	-	-	-	-	6,756	7,068
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	609	631	-	-	-	-	609	631
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	28,686	29,654	-	-	-	-	28,686	29,654
New Jersey	5,628	5,816	-	-	-	-	5,628	5,816
New York	23,052	23,832	-	-	-	-	23,052	23,832
Pennsylvania	6	6	-	-	-	-	6	6
East North Central	1,646	1,676	1,321	103	-	-	2,967	1,779
Illinois	665	683	-	-	-	-	665	683
Indiana	177	179	-	-	-	-	177	179
Michigan	418	428	1,321	103	-	-	1,739	531
Ohio	248	249	-	-	-	-	248	249
Wisconsin	137	137	-	-	-	-	137	137
West North Central	4,482	4,472	-	-	-	-	4,482	4,472
Iowa	204	205	-	-	-	-	204	205
Kansas	3,850	3,837	-	-	-	-	3,850	3,837
Minnesota	233	234	-	-	-	-	233	234
Missouri	116	119	-	-	-	-	116	119
Nebraska	79	78	-	-	-	-	79	78
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	19,742	20,065	-	-	144	155	19,886	20,219
Delaware	449	464	-	-	98	107	548	572
District of Columbia	-	-	-	-	-	-	-	-
Florida	15,509	15,693	-	-	-	-	15,509	15,693
Georgia	239	245	-	-	-	-	239	245
Maryland	1,634	1,703	-	-	-	-	1,634	1,703
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1,678	1,718	-	-	-	-	1,678	1,718
Virginia	185	193	-	-	46	47	230	240
West Virginia	49	49	-	-	-	-	49	49
East South Central	9,954	10,335	-	-	-	-	9,954	10,335
Alabama	226	233	-	-	-	-	226	233
Kentucky	22	22	-	-	-	-	22	22
Mississippi	9,707	10,080	-	-	-	-	9,707	10,080
Tennessee	-	-	-	-	-	-	-	-
West South Central	156,490	162,871	-	-	-	-	156,490	162,871
Arkansas	5,990	6,051	-	-	-	-	5,990	6,051
Louisiana	29,908	31,382	-	-	-	-	29,908	31,382
Oklahoma	16,498	17,234	-	-	-	-	16,498	17,234
Texas	104,094	108,203	-	-	-	-	104,094	108,203
Mountain	8,280	8,596	-	-	-	-	8,280	8,596
Arizona	1,972	2,033	-	-	-	-	1,972	2,033
Colorado	149	148	-	-	-	-	149	148
Idaho	-	-	-	-	-	-	-	-
Montana	15	18	-	-	-	-	15	18
Nevada	3,258	3,371	-	-	-	-	3,258	3,371
New Mexico	2,881	3,023	-	-	-	-	2,881	3,023
Utah	-	-	-	-	-	-	-	-
Wyoming	5	5	-	-	-	-	5	5
Pacific	55,889	57,175	-	-	-	-	55,889	57,175
California	55,889	57,175	-	-	-	-	55,889	57,175
Oregon	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U. S. Total	293,207	303,234	1,321	103	144	155	294,672	303,492

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	July 1990 ¹		July 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	8,038	8,391	6,784	7,087	29,308	25,954	210.8	245.6
Connecticut	672	693	5	5	962	1,617	201.7	263.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	6,756	7,068	6,347	6,638	26,065	23,292	212.0	244.2
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	610	631	433	445	2,279	1,045	200.5	248.3
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	28,686	29,654	28,353	29,180	124,140	134,063	223.8	240.7
New Jersey	5,628	5,816	6,714	6,958	14,610	27,712	219.7	247.4
New York	23,052	23,832	21,630	22,212	108,434	106,219	224.3	238.8
Pennsylvania	6	6	9	9	96	132	295.0	364.0
East North Central	2,967	1,779	2,613	1,235	10,370	8,309	259.5	288.5
Illinois	665	683	530	539	3,618	3,500	286.9	333.5
Indiana	177	179	240	241	2,840	2,426	261.9	266.5
Michigan	1,739	531	1,561	173	2,594	1,198	204.6	173.6
Ohio	248	219	164	165	443	441	271.3	301.2
Wisconsin	137	137	117	118	875	744	294.9	325.9
West North Central	4,482	4,472	4,153	4,013	15,697	11,916	189.4	213.8
Iowa	204	205	139	139	1,223	1,059	300.4	275.8
Kansas	3,830	3,837	3,295	3,167	11,722	8,072	175.1	199.3
Minnesota	233	234	333	335	1,361	1,153	195.0	213.8
Missouri	116	119	49	50	382	361	234.8	240.1
Nebraska	79	78	337	323	1,007	1,271	196.2	246.3
North Dakota	-	-	-	-	-	-	388.5	440.7
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	19,686	20,219	19,455	19,833	102,514	112,136	232.0	251.6
Delaware	548	572	835	936	2,994	3,566	251.7	261.1
District of Columbia	-	-	-	-	-	-	-	-
Florida	15,509	15,693	15,886	16,045	91,884	92,930	231.5	250.0
Georgia	239	245	150	153	556	503	309.4	306.8
Maryland	1,634	1,703	1,553	1,630	4,640	10,820	241.7	263.2
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1,678	1,718	349	356	2,053	823	171.8	223.1
Virginia	230	240	673	703	264	3,422	194.3	244.5
West Virginia	49	49	9	9	122	71	453.4	449.7
East South Central	9,954	10,335	5,852	5,996	25,221	23,614	175.8	184.0
Alabama	226	233	141	145	1,585	1,043	208.6	217.8
Kentucky	22	22	79	81	156	253	317.0	264.7
Mississippi	9,707	10,060	5,633	5,770	23,479	22,319	172.7	181.5
Tennessee	-	-	-	-	-	-	-	-
West South Central	156,490	162,871	149,292	154,760	813,415	821,263	209.0	215.1
Arkansas	5,990	6,051	3,438	3,485	16,387	16,224	149.9	151.2
Louisiana	29,908	31,382	25,442	26,489	136,395	126,541	163.6	171.3
Oklahoma	16,498	17,234	15,011	15,710	85,400	91,055	313.2	292.8
Texas	104,094	108,203	105,401	109,076	575,233	587,443	205.9	214.3
Mountain	8,280	8,596	9,946	10,352	40,355	46,486	206.8	212.0
Arizona	1,972	2,033	4,575	4,747	9,130	16,519	237.0	218.4
Colorado	149	148	77	76	1,219	3,501	221.2	218.7
Idaho	-	-	-	-	-	-	-	-
Montana	15	18	24	30	174	242	166.4	106.6
Nevada	3,258	3,371	2,626	2,704	13,982	11,104	199.6	201.6
New Mexico	2,881	3,023	2,638	2,789	15,671	15,075	192.0	212.3
Utah	-	-	-	-	141	-	503.5	-
Wyoming	5	5	6	6	39	44	338.0	352.3
Pacific Contiguous	55,889	57,175	58,669	61,071	246,622	261,003	302.9	284.5
California	55,889	57,175	58,669	61,071	246,622	261,003	302.9	284.5
Oregon	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	294,672	303,492	285,117	293,528	1,407,639	1,444,744	227.9	233.2

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. *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, July 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	180	218.0	2.25	7,615	193.2	2.02	243	198.5	2.04	8,038	193.9	2.02
Connecticut	-	-	-	429	197.0	2.03	243	198.5	2.04	672	197.5	2.04
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	180	218.0	2.25	6,576	193.1	2.02	-	-	-	6,756	193.7	2.03
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	609	192.2	1.99	-	-	-	609	192.2	1.99
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	3,380	199.1	2.06	21,488	203.9	2.11	3,818	185.4	1.92	28,686	200.9	2.08
New Jersey	-	-	-	5,628	213.3	2.20	-	-	-	5,628	213.3	2.20
New York	3,380	199.1	2.06	15,854	200.6	2.07	3,818	185.4	1.92	23,052	197.9	2.05
Pennsylvania	-	-	-	6	273.2	2.84	-	-	-	6	273.2	2.84
East North Central	662	228.7	2.32	2,305	248.4	1.19	-	-	-	2,967	240.9	1.44
Illinois	112	344.7	3.53	554	254.9	2.62	-	-	-	666	269.9	2.77
Indiana	173	249.7	2.51	4	320.0	3.29	-	-	-	177	251.5	2.53
Michigan	145	179.0	1.86	1,594	226.9	.54	-	-	-	1,739	213.3	.65
Ohio	233	188.4	1.88	16	325.7	3.32	-	-	-	248	197.2	1.97
Wisconsin	-	-	-	137	269.1	2.71	-	-	-	137	269.1	2.71
West North Central	202	201.5	2.03	4,228	167.5	1.87	51	197.6	1.99	4,482	169.4	1.89
Iowa	29	347.7	3.59	174	284.1	2.85	-	-	-	204	293.4	2.96
Kansas	167	176.1	1.76	3,682	160.0	1.59	-	-	-	3,850	160.7	1.60
Minnesota	-	-	-	182	167.7	1.68	51	197.6	1.99	233	174.3	1.75
Missouri	-	-	-	116	195.8	2.00	-	-	-	116	195.8	2.00
Nebraska	6	178.4	1.78	74	221.5	2.16	-	-	-	79	218.2	2.13
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	530	245.5	2.55	19,357	215.3	2.19	-	-	-	19,886	216.1	2.20
Delaware	98	253.2	2.76	449	211.4	2.19	-	-	-	548	219.2	2.29
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	352	232.1	2.38	15,157	220.1	2.23	-	-	-	15,509	220.4	2.23
Georgia	79	294.4	3.03	160	275.8	2.82	-	-	-	239	282.0	2.89
Maryland	-	-	-	1,634	217.6	2.27	-	-	-	1,634	217.6	2.27
North Carolina	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	1,678	165.0	1.69	-	-	-	1,678	165.0	1.69
Virginia	-	-	-	230	197.1	2.06	-	-	-	230	197.1	2.06
West Virginia	-	-	-	49	330.6	3.31	-	-	-	49	330.6	3.31
East South Central	1,588	164.7	1.72	8,370	162.8	1.69	15	240.4	2.46	9,954	163.2	1.69
Alabama	-	-	-	226	191.5	1.97	-	-	-	226	191.5	1.97
Kentucky	6	255.9	2.56	-	-	-	15	240.4	2.46	22	244.8	2.49
Mississippi	1,562	164.3	1.72	8,145	162.0	1.68	-	-	-	9,707	162.4	1.69
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	103,914	210.8	2.20	52,576	183.1	1.90	-	-	-	156,490	201.5	2.10
Arkansas	245	86.3	.99	5,745	153.6	1.54	-	-	-	5,990	150.5	1.52
Louisiana	13,462	152.7	1.61	16,446	172.5	1.80	-	-	-	29,908	163.5	1.72
Oklahoma	6,915	329.4	3.47	9,583	257.4	2.67	-	-	-	16,498	287.9	3.01
Texas	83,292	210.8	2.19	20,802	165.3	1.72	-	-	-	104,094	201.7	2.10
Mountain	1,817	195.2	2.05	6,464	201.1	2.08	-	-	-	8,280	199.8	2.07
Arizona	662	225.3	2.32	1,310	219.2	2.26	-	-	-	1,972	221.3	2.28
Colorado	40	246.9	2.42	109	215.6	2.13	-	-	-	149	223.9	2.21
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	12	244.5	2.98	3	373.1	4.23	-	-	-	15	266.1	3.20
Nevada	-	-	-	3,258	201.8	2.09	-	-	-	3,258	201.8	2.09
New Mexico	1,103	175.3	1.86	1,778	185.0	1.93	-	-	-	2,881	181.2	1.90
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	5	311.0	3.26	-	-	-	5	311.9	3.26
Pacific	-	-	-	55,889	275.7	2.82	-	-	-	55,889	275.7	2.82
California	-	-	-	55,889	275.7	2.82	-	-	-	55,889	275.7	2.82
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	112,253	209.8	2.19	178,291	218.3	2.23	4,128	186.5	1.93	294,672	214.6	2.21

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 ²	Monthly Series ²	Annual Series ²	Monthly Series ²	Annual Series ²	Monthly Series ²	Annual Series ²	Monthly Series ²	Annual Series ²
1980	717,495		488,155		815,067		73,732		2,094,449	
1981	722,265		514,338		825,743		84,756		2,147,103	
1982	729,520		526,307		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	2,285,796
1985	790,977	793,934	608,968	605,989	824,523	836,772	85,075	87,279	2,309,543	2,323,974
1986	817,683	819,088	641,489	630,520	808,292	830,531	83,409	88,615	2,350,835	2,368,753
1987	849,813	850,410	673,707	660,433	845,266	858,233	86,854	88,196	2,455,440	2,457,272
1988	892,125	892,866	697,711	699,100	895,751	896,498	82,362	89,598	2,567,949	2,578,062
1989 ⁴	903,979		725,228		926,376		91,066		2,646,651	
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		53,888		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	85,605		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	88,460		71,256		83,386		8,445		251,547	
Year to Date										
1990 ⁴	621,597		500,511		621,776		63,009		1,806,893	
1989 ⁴	609,669		482,628		613,685		60,480		1,766,662	
1988	610,094		488,897		592,971		54,635		1,724,397	

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, August
(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	3,129	2,982	3,451	3,309	2,351	2,349	160	165	9,090	8,804
Connecticut	923	869	970	920	540	527	30	30	2,463	2,347
Maine	289	293	230	230	408	411	11	15	939	949
Massachusetts	1,299	1,254	1,712	1,642	874	895	90	91	3,975	3,882
New Hampshire	270	263	185	180	293	287	9	8	757	737
Rhode Island	210	199	227	212	119	115	16	16	572	543
Vermont	137	104	127	124	116	114	3	4	384	346
Middle Atlantic	9,045	8,738	9,483	9,245	8,274	8,000	1,198	1,119	28,001	27,102
New Jersey	2,286	2,148	2,512	2,448	1,329	1,374	37	36	6,163	6,006
New York	3,536	3,458	4,350	4,327	2,901	2,669	1,045	970	11,832	11,423
Pennsylvania	3,223	3,133	2,622	2,470	4,045	3,957	117	113	10,006	9,673
East North Central	11,875	12,293	10,366	10,092	17,644	16,511	1,244	1,350	41,129	40,245
Illinois	2,946	3,117	2,895	2,846	3,510	3,326	628	594	9,979	9,883
Indiana	2,053	2,120	1,448	1,458	3,102	2,920	52	50	6,555	6,548
Michigan	2,193	2,316	1,905	1,859	3,256	3,111	107	263	7,462	7,550
Ohio	3,241	3,264	2,910	2,769	6,036	5,505	399	382	12,585	11,920
Wisconsin	1,442	1,477	1,209	1,158	1,741	1,650	58	60	4,449	4,344
West North Central	6,605	7,122	4,850	4,738	5,628	5,581	554	446	17,636	17,887
Iowa	985	1,083	666	614	947	978	73	67	2,670	2,743
Kansas	1,029	1,050	899	885	720	684	37	27	2,686	2,646
Minnesota	1,228	1,419	741	721	2,023	2,007	111	65	4,103	4,213
Missouri	2,241	2,283	1,726	1,706	1,227	1,153	103	70	5,297	5,212
Nebraska	714	732	515	503	414	391	137	132	1,780	1,758
North Dakota	194	225	142	120	147	173	45	40	528	557
South Dakota	212	330	161	189	150	195	49	45	572	760
South Atlantic²	21,709	20,448	14,734	13,892	13,852	13,504	1,529	1,504	51,825	49,348
Delaware	266	256	220	206	290	273	4	4	780	740
District of Columbia	159	154	477	463	280	280	26	27	942	924
Florida	7,611	7,202	4,801	4,594	1,407	1,425	384	369	14,203	13,590
Georgia ²	3,410	3,245	2,362	2,159	2,506	2,406	78	77	8,357	7,887
Maryland	1,873	1,787	991	935	1,790	1,703	56	54	4,711	4,478
North Carolina ²	3,358	2,990	2,287	2,111	2,894	2,845	159	167	8,698	8,113
South Carolina	1,859	1,738	1,174	1,085	2,286	2,276	77	73	5,396	5,172
Virginia ²	2,558	2,465	1,972	1,907	1,511	1,451	737	726	6,779	6,548
West Virginia	613	612	450	432	888	845	8	7	1,958	1,896
East South Central²	8,184	7,726	3,931	3,698	9,561	9,251	399	394	22,075	21,069
Alabama ²	2,346	2,175	1,172	1,066	2,512	2,429	52	45	6,081	5,715
Kentucky ²	1,662	1,666	908	859	2,688	2,669	229	219	5,487	5,413
Mississippi ²	1,354	1,263	673	667	1,124	1,017	57	60	3,207	3,007
Tennessee ²	2,822	2,622	1,179	1,106	3,238	3,135	61	71	7,299	6,934
West South Central	14,071	13,668	8,720	8,580	11,577	11,252	1,425	1,114	35,793	34,615
Arkansas	1,131	1,061	599	592	890	850	66	67	2,686	2,570
Louisiana	2,408	2,332	1,259	1,279	2,237	2,112	230	338	6,135	6,062
Oklahoma	1,624	1,623	1,028	1,030	987	1,043	210	191	3,849	3,887
Texas	8,909	8,652	5,833	5,678	7,463	7,248	918	519	23,124	22,097
Mountain	4,397	4,517	4,915	4,731	4,796	4,799	685	637	14,794	14,684
Arizona	1,679	1,838	1,336	1,330	866	886	177	264	4,058	4,319
Colorado	733	758	1,284	1,219	513	540	116	78	2,645	2,595
Idaho	375	350	607	544	649	660	31	26	1,662	1,580
Montana	225	227	233	233	583	617	45	44	1,086	1,120
Nevada	627	573	403	380	618	487	92	63	1,740	1,504
New Mexico	289	285	418	408	377	401	105	83	1,189	1,177
Utah	354	373	431	436	492	528	92	72	1,369	1,408
Wyoming	114	113	203	181	698	679	28	7	1,044	981
Pacific Contiguous	9,141	8,356	10,449	9,570	9,332	9,628	1,231	1,302	30,153	28,855
California	6,485	5,827	8,070	7,166	4,658	4,894	875	957	20,088	18,843
Oregon	931	953	1,005	1,028	1,387	1,386	63	40	3,387	3,408
Washington	1,724	1,575	1,374	1,376	3,287	3,348	293	305	6,678	6,604
Pacific Noncontiguous	304	293	357	332	370	365	21	16	1,052	1,006
Alaska	105	99	157	142	32	42	16	11	311	294
Hawaii	199	194	200	190	338	324	5	5	741	712
U.S. Total	88,460	86,143	71,256	68,187	83,386	81,240	8,445	8,046	251,547	243,615

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,
August 1990
(Percent)**

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	0.2	0.6	0.5	1.9	0.3
Connecticut	.3	.1	.7	.8	.2
Maine	.6	.4	.9	2.6	.4
Massachusetts	.3	1.1	1.1	3.3	.5
New Hampshire	.6	1.3	1.5	2.3	.7
Rhode Island	.0	.0	.0	.0	.0
Vermont	.3	.8	1.1	9.6	.4
Middle Atlantic	.6	.2	.5	4.1	.3
New Jersey	.2	.1	.1	1.0	.1
New York	.3	.1	.1	4.7	.4
Pennsylvania	1.5	.8	1.0	4.4	.7
East North Central	.3	.3	.5	.7	.3
Illinois	1.0	.8	1.1	.3	.5
Indiana	.7	.6	1.8	1.9	.9
Michigan	1.0	.5	1.9	4.2	.9
Ohio	.3	.2	.3	1.9	.2
Wisconsin	.2	.4	1.2	1.5	.5
West North Central	2.0	1.3	1.2	5.8	.9
Iowa	1.3	.9	1.1	5.6	.7
Kansas	1.1	1.1	1.2	18.6	.7
Minnesota	1.8	1.5	.5	15.2	.8
Missouri	5.5	2.4	4.6	.1	2.7
Nebraska	4.1	.9	6.9	9.9	2.4
North Dakota	1.2	1.0	2.6	13.6	1.4
South Dakota	1.1	29.4	5.0	44.9	9.2
South Atlantic	.5	.3	.4	.4	.3
Delaware	.3	1.0	1.0	1.0	.5
District of Columbia	.0	.0	.0	.0	.0
Florida	.6	.2	1.9	.5	.4
Georgia	.2	.6	.7	.8	.3
Maryland	.6	1.5	.3	3.7	.4
North Carolina	2.8	.5	1.6	.7	1.2
South Carolina	2.7	3.3	.9	5.8	1.3
Virginia	.3	.5	1.2	.1	.3
West Virginia	.3	.8	.9	.2	.5
East South Central	.2	.3	.2	1.5	.1
Alabama	.5	.2	.0	11.5	.2
Kentucky	.8	1.0	.4	.5	.3
Mississippi	.6	1.2	1.3	.5	.6
Tennessee	.0	.0	.0	.0	.0
West South Central	.4	.4	.5	13.4	.6
Arkansas	.8	.6	.0	4.6	.4
Louisiana	1.2	.7	.7	.7	.6
Oklahoma	1.1	1.8	2.8	7.3	1.0
Texas	.4	.4	.7	20.7	.9
Mountain	.4	1.5	1.8	2.6	.8
Arizona	.9	.5	.5	2.2	.4
Colorado	.4	5.5	16.1	1.2	4.1
Idaho	1.1	.2	.3	30.8	.6
Montana	1.9	3.2	.4	14.0	1.0
Nevada	.1	.5	1.1	12.0	.8
New Mexico	.6	.5	2.0	.5	.7
Utah	2.1	3.6	1.3	6.7	1.4
Wyoming	1.6	4.0	1.0	8.8	1.1
Pacific Contiguous	.8	3.0	4.6	3.3	1.8
California	1.1	3.8	9.2	.1	2.6
Oregon	1.5	.6	.8	53.1	1.1
Washington	.3	2.7	.6	8.1	.7
Pacific Noncontiguous	.7	2.0	.8	17.0	.8
Alaska	2.0	4.6	8.7	22.2	2.8
Hawaii	.0	.0	.0	.0	.0
U.S. Total	.2	.5	.6	2.4	.3

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 August
(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	25,821	25,561	25,165	24,797	18,032	18,256	1,340	1,370	70,358	69,985
Connecticut	7,121	7,062	6,927	6,811	4,102	4,134	245	239	18,395	18,245
Maine	2,696	2,727	1,782	1,765	3,099	3,055	112	119	7,689	7,667
Massachusetts	10,729	10,673	12,465	12,274	6,659	6,929	747	781	30,601	30,657
New Hampshire	2,399	2,422	1,369	1,378	2,351	2,290	76	67	6,196	6,156
Rhode Island	1,616	1,591	1,638	1,591	924	929	127	129	4,305	4,240
Vermont	1,259	1,086	984	979	897	920	33	36	3,173	3,020
Middle Atlantic	66,772	66,062	68,935	67,094	61,892	62,694	9,550	8,917	207,148	205,666
New Jersey	13,974	14,076	17,846	17,584	9,870	10,479	304	301	41,995	42,439
New York	26,159	25,883	31,252	31,461	21,480	21,163	8,279	7,656	87,170	86,164
Pennsylvania	26,638	26,103	19,837	18,949	30,541	31,052	967	960	77,983	77,063
East North Central	90,234	90,765	74,180	72,821	132,251	129,982	9,880	11,056	306,545	304,825
Illinois	21,933	22,138	21,045	20,676	26,111	25,685	5,215	5,042	74,304	73,540
Indiana	14,880	15,008	10,274	10,556	23,556	22,446	423	421	49,134	48,431
Michigan	16,849	16,923	13,892	13,420	23,730	24,376	801	2,159	55,271	56,878
Ohio	25,481	25,832	20,443	19,951	46,116	45,105	2,976	2,950	95,014	93,837
Wisconsin	11,091	10,865	8,526	8,218	12,738	12,371	466	485	32,821	31,938
West North Central	47,167	46,596	33,323	32,827	42,237	41,542	3,562	3,318	126,299	124,283
Iowa	6,982	7,126	4,351	4,311	7,049	7,330	556	539	18,938	19,306
Kansas	6,366	6,135	6,055	5,836	5,349	5,144	243	238	18,013	17,353
Minnesota	10,053	10,063	5,459	5,243	15,496	15,055	604	459	31,612	30,820
Missouri	15,050	14,226	11,864	11,865	9,242	8,527	732	541	36,888	35,159
Nebraska	4,809	4,665	3,416	3,452	2,810	2,844	831	935	11,866	11,896
North Dakota	2,030	2,130	1,184	1,009	1,232	1,380	321	328	4,767	4,847
South Dakota	1,877	2,251	994	1,111	1,060	1,262	275	277	4,206	4,900
South Atlantic²	142,262	137,597	101,272	96,771	101,653	100,470	11,368	11,052	356,555	345,891
Delaware	1,833	1,772	1,567	1,476	2,176	2,092	34	33	5,609	5,373
District of Columbia	1,011	997	3,385	3,280	1,994	1,950	209	204	6,600	6,431
Florida	46,999	44,313	33,484	32,091	10,791	11,191	2,908	2,790	94,182	90,386
Georgia ²	20,102	19,005	15,379	14,376	18,144	17,572	662	592	54,287	51,546
Maryland	13,175	12,911	6,931	6,633	12,984	12,862	445	425	33,535	32,831
North Carolina ²	22,675	22,256	15,768	14,896	20,577	20,738	1,089	1,137	60,109	59,027
South Carolina	11,993	11,816	7,841	7,404	16,821	16,510	562	524	37,217	36,254
Virginia ²	19,208	19,386	13,535	13,324	11,108	10,809	5,388	5,284	49,239	48,802
West Virginia	5,266	5,140	3,382	3,290	7,059	6,747	70	63	15,777	15,240
East South Central²	53,103	51,064	26,096	24,752	72,804	66,783	3,073	3,032	155,076	145,832
Alabama ²	14,185	13,283	7,449	7,020	18,211	18,075	397	412	40,242	38,790
Kentucky ²	11,387	11,199	6,231	5,935	22,970	18,709	1,655	1,612	42,242	37,455
Mississippi ²	8,028	7,594	4,385	4,290	8,181	7,111	430	430	21,024	19,425
Tennessee ²	19,504	18,968	8,032	7,507	23,441	22,888	591	579	51,568	49,962
West South Central	86,224	83,213	60,368	59,206	85,359	84,828	9,854	8,135	241,806	235,382
Arkansas	7,025	6,601	3,953	3,845	6,245	6,012	444	430	17,667	16,888
Louisiana	13,922	13,662	8,690	8,834	16,800	16,424	1,898	2,196	41,310	41,116
Oklahoma	9,985	9,672	6,851	6,764	7,312	7,511	1,404	1,349	25,552	25,297
Texas	55,293	53,277	40,874	39,763	55,002	54,881	6,108	4,160	157,276	152,081
Mountain	32,993	32,830	34,203	32,572	35,292	34,789	4,397	4,471	106,886	104,663
Arizona	10,401	10,419	9,109	8,699	6,373	6,403	1,233	1,804	27,117	27,325
Colorado	6,629	6,502	9,616	8,838	3,921	4,041	635	529	20,801	19,909
Idaho	3,680	3,775	3,536	3,414	4,808	4,751	158	193	12,182	12,134
Montana	2,128	2,249	1,763	1,761	4,434	4,383	362	358	8,687	8,751
Nevada	3,870	3,657	2,596	2,550	4,315	3,416	539	392	11,321	10,015
New Mexico	2,417	2,301	3,056	2,993	2,889	3,059	804	622	9,165	8,975
Utah	2,712	2,778	3,067	2,947	3,684	3,781	536	517	9,998	10,024
Wyoming	1,155	1,149	1,461	1,370	4,869	4,955	130	56	7,615	7,530
Pacific Contiguous	74,380	73,399	74,216	68,264	69,468	71,897	9,829	9,014	227,893	222,575
California	44,376	43,020	55,420	49,536	33,560	36,953	6,965	6,270	140,321	135,779
Oregon	9,894	10,091	7,644	7,383	10,144	10,027	317	314	28,000	27,815
Washington	20,110	20,268	11,151	11,346	25,764	24,917	2,548	2,430	59,572	58,981
Pacific Noncontiguous	2,641	2,580	2,752	2,623	2,787	2,644	157	114	8,337	7,961
Alaska	1,101	1,089	1,320	1,238	313	291	118	76	2,853	2,693
Hawaii	1,540	1,491	1,432	1,386	2,474	2,352	39	38	5,484	5,267
U.S. Total	621,597	609,669	500,511	482,628	621,776	613,885	63,009	60,480	1,806,893	1,766,662

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	6.84	6.21	6.32	6.37
1988 Average	7.49	7.48	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	
Year-to-Date Average										
1990 Average ⁵	7.81		7.30		4.74		6.14		6.55	
1989 Average ⁵	7.63		7.21		4.70		6.08		6.42	
1988 Average	7.45		7.04		4.61		5.91		6.30	

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,
August 1990
(Cents)**

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	9.91	8.98	7.49	10.94	8.95
Connecticut	9.97	8.93	7.51	13.05	9.06
Maine	9.41	7.53	5.44	11.62	7.25
Massachusetts	9.97	9.20	8.58	10.25	9.34
New Hampshire	10.30	9.24	7.05	12.07	8.80
Rhode Island	10.32	9.62	9.09	9.48	9.76
Vermont	8.60	7.55	5.84	12.12	7.45
Middle Atlantic	10.92	9.69	6.44	7.75	9.04
New Jersey	11.23	9.27	7.68	17.65	9.71
New York	11.83	10.98	6.41	7.06	9.77
Pennsylvania	9.71	7.94	6.05	10.85	7.78
East North Central	8.74	7.39	4.72	6.71	6.62
Illinois	11.71	8.16	5.78	6.75	8.28
Indiana	6.88	6.00	3.98	8.49	5.35
Michigan	8.03	8.17	5.85	9.20	7.13
Ohio	8.81	7.46	4.11	5.72	6.09
Wisconsin	6.72	5.85	3.92	6.89	5.39
West North Central	7.86	6.80	4.71	5.77	6.50
Iowa	8.84	6.89	4.53	6.46	6.76
Kansas	8.04	6.80	5.04	8.55	6.83
Minnesota	7.31	6.42	4.40	5.92	5.67
Missouri	8.15	7.22	5.40	6.21	7.17
Nebraska	6.62	5.93	3.97	5.38	5.71
North Dakota	6.96	6.65	4.75	4.22	6.03
South Dakota	7.48	6.45	4.82	3.89	6.19
South Atlantic	7.84	6.65	5.00	6.15	6.70
Delaware	9.00	7.38	4.62	10.53	6.92
District of Columbia	7.42	7.74	6.58	6.31	7.30
Florida	7.67	6.55	5.17	6.98	7.02
Georgia	8.10	7.09	4.91	8.10	6.86
Maryland	8.33	8.03	6.36	9.00	7.52
North Carolina	7.98	6.69	5.32	7.20	6.74
South Carolina	7.49	5.89	4.45	5.68	5.83
Virginia	8.09	6.04	4.27	5.07	6.31
West Virginia	6.03	5.34	3.53	8.66	4.75
East South Central	6.33	6.40	4.29	5.85	5.45
Alabama	7.05	6.92	4.36	6.19	5.91
Kentucky	5.81	5.57	3.88	4.84	4.78
Mississippi	6.90	7.10	4.79	7.87	6.22
Tennessee	5.77	6.12	4.39	7.48	5.23
West South Central	7.56	6.36	4.20	6.21	6.13
Arkansas	8.58	7.21	5.80	7.45	7.32
Louisiana	7.53	7.00	4.17	6.68	6.16
Oklahoma	7.28	6.51	3.97	5.44	6.13
Texas	7.49	6.11	4.05	6.18	5.98
Mountain	7.66	6.48	4.25	5.56	6.07
Arizona	9.63	8.74	6.00	6.64	8.43
Colorado	7.29	5.77	4.62	6.05	5.98
Idaho	4.99	3.92	2.68	3.57	3.67
Montana	4.69	4.10	2.67	4.48	3.47
Nevada	5.42	5.98	5.30	5.38	5.50
New Mexico	9.19	8.56	5.05	5.79	7.35
Utah	7.01	5.74	3.94	3.99	5.30
Wyoming	6.28	4.79	3.45	5.54	4.08
Pacific Contiguous	8.77	8.63	5.69	3.93	7.57
California	10.58	9.91	8.86	4.19	9.63
Oregon	4.73	4.47	2.91	4.76	3.91
Washington	4.11	4.13	2.39	2.98	3.22
Pacific Noncontiguous	9.59	9.02	6.36	9.98	8.27
Alaska	10.53	9.19	6.80	10.50	9.46
Hawaii	9.10	8.88	6.32	8.30	7.77
U.S. Total	8.26	7.53	4.98	6.16	6.90

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, August 1990
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	0.3	0.5	1.3	5.0	0.4
Connecticut	.3	.2	.4	.6	.1
Maine	.4	.3	.2	1.7	.2
Massachusetts	.8	.9	3.0	9.5	.8
New Hampshire	.6	.7	1.5	.7	.5
Rhode Island	.0	.0	.0	.0	.0
Vermont	1.2	.2	1.8	3.8	.7
Middle Atlantic	.4	.1	.1	2.2	.2
New Jersey	.3	.3	.4	1.1	.2
New York	.2	.0	.1	2.8	.2
Pennsylvania	1.3	.4	.1	.9	.5
East North Central	.3	.4	.3	.3	.2
Illinois	.9	1.3	.5	.2	.6
Indiana	.9	.3	2.0	1.0	.8
Michigan	.3	.5	.2	2.3	.2
Ohio	.1	.0	.4	.4	.1
Wisconsin	.8	.2	.3	.8	.3
West North Central	.5	.6	.3	2.1	.3
Iowa	1.5	.5	.7	2.9	.8
Kansas	.5	1.2	1.3	3.6	.5
Minnesota	1.8	1.3	.1	6.9	.8
Missouri	1.0	1.3	1.0	.2	.7
Nebraska	1.1	.4	.6	2.9	.6
North Dakota	.5	1.2	.1	6.3	.6
South Dakota	1.4	3.6	1.4	20.5	1.7
South Atlantic	.3	.4	.2	1.3	.2
Delaware	.4	.3	.7	1.0	.3
District of Columbia	.0	.0	.0	.0	.0
Florida	.2	.3	.0	.2	.1
Georgia	1.2	.2	.3	1.4	.6
Maryland	.3	.3	.6	1.2	.2
North Carolina	.5	.6	.5	10.8	.4
South Carolina	2.9	5.1	.4	1.5	1.7
Virginia	.8	.3	.2	.3	.4
West Virginia	.3	.3	.2	.9	.1
East South Central	.4	.3	.1	.3	.2
Alabama	.5	.2	.1	1.8	.3
Kentucky	1.7	1.0	.1	.2	.7
Mississippi	.3	1.0	.4	.6	.3
Tennessee	.0	.0	.0	.0	.0
West South Central	.5	.6	.6	1.2	.3
Arkansas	.4	.7	.8	.1	.3
Louisiana	.6	.3	.5	.3	.3
Oklahoma	.4	1.1	.5	6.8	.5
Texas	.7	.8	.9	1.3	.4
Mountain	.3	.3	.4	1.7	.2
Arizona	.6	.2	.4	2.2	.3
Colorado	.3	1.0	1.0	.7	.5
Idaho	1.1	.1	.3	5.5	.4
Montana	1.9	.7	.3	4.8	.6
Nevada	.0	.0	1.8	11.2	.8
New Mexico	.6	1.3	1.5	1.6	.7
Utah	.7	1.5	.6	2.8	.6
Wyoming	1.0	1.8	.6	6.2	.6
Pacific Contiguous	.3	2.0	1.9	2.2	.9
California	.3	2.2	2.4	1.8	1.1
Oregon	.7	.2	.3	24.8	.6
Washington	1.0	1.3	.2	4.1	.5
Pacific Noncontiguous	1.4	1.7	.3	4.7	.8
Alaska	3.6	3.8	3.7	5.8	2.4
Hawaii	.0	.0	.0	.0	.0
U.S. Total	.1	.3	.3	.6	.1

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, July 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	-	8	-	259	-	-	-	*	-	-	*
Abbeville (SC)	-	8	-	259	-	-	-	*	-	-	*
Accomack-Northampton Electric											
Coop	-	17	-	-	-	-	-	*	-	-	1
Smith (VA)	-	6	-	-	-	-	-	*	-	-	*
Tangler (VA)	-	11	-	-	-	-	-	*	-	-	1
Adrian Lt & Water Comm	-	-	-	-	-	-	-	-	-	-	-
Adrian (MN)	-	-	-	-	-	-	-	-	-	-	-
Aitkin Public Utilities Comm	-	-1	-	-	-	-	-	-	-	-	*
Aitkin (MN)	-	-1	-	-	-	-	-	-	-	-	*
Alabama Elec Coop, Inc	316,619	-2	2,730	491	-	-	143	-	44	260	1
Gantt (AL)	-	-	-	220	-	-	-	-	-	-	-
Lowman (AL)	316,619	-	-	-	-	-	143	-	-	253	-
McWilliams (AL)	-	-	2,730	-	-	-	-	-	44	7	-
Point "A" (AL)	-	-	-	271	-	-	-	-	-	-	-
Portland (FL)	-	-2	-	-	-	-	-	-	-	-	1
Alabama Power Co (SC)	3,885,540	3,584	30,113	180,942	1,116,220	-	1,547	5	252	3,389	60
Bankhead Dam (AL)	-	-	-	5,893	-	-	-	-	-	-	-
Barry (AL)	864,395	135	6,712	-	-	-	351	*	56	680	10
Chickasaw (AL)	-	43	1,762	-	-	-	-	*	27	-	4
Farley (AL)	-	-	-	-	1,116,220	-	-	-	-	-	-
Gadsden New (AL)	24,857	2	399	-	-	-	12	*	4	94	1
Gaston, E C (AL)	957,621	1,622	-	-	-	-	387	2	-	1,015	17
Gorgas (AL)	704,483	1,525	-	-	-	-	282	2	-	676	13
Greene County (AL)	235,529	257	-	-	-	-	93	*	-	361	2
H Neely Henry Dam (AL)	-	-	-	8,580	-	-	-	-	-	-	-
Harris (AL)	-	-	-	7,444	-	-	-	-	-	-	-
Holt Dam (AL)	-	-	-	6,202	-	-	-	-	-	-	-
Jordan (AL)	-	-	-	2,441	-	-	-	-	-	-	-
Lay Dam (AL)	-	-	-	23,048	-	-	-	-	-	-	-
Lewis Smith Dam (AL)	-	-	-	19,000	-	-	-	-	-	-	-
Logan Martin Dam (AL)	-	-	-	14,902	-	-	-	-	-	-	-
Martin Dam (AL)	-	-	-	13,585	-	-	-	-	-	-	-
Miller (AL)	1,098,655	-	21,240	-	-	-	421	-	166	543	13
Mitchell Dam (AL)	-	-	-	18,345	-	-	-	-	-	-	-
Thurlow Dam (AL)	-	-	-	9,745	-	-	-	-	-	-	-
Walter Bouldin Dam (AL)	-	-	-	35,998	-	-	-	-	-	-	-
Weiss Dam (AL)	-	-	-	10,707	-	-	-	-	-	-	-
Yates Dam (AL)	-	-	-	5,652	-	-	-	-	-	-	-
Alamito Company	411,187	314	-	-	-	-	229	1	-	5	-
Springerville (AZ)	411,187	314	-	-	-	-	229	1	-	5	-
Alaska Electric G&T	-	-	-29	-	-	-	-	-	-	-	6
Soldotna (AK)	-	-	-29	-	-	-	-	-	-	-	6
Alaska Electric Lt & Pwr Co	-	21	-	6,451	-	-	-	*	-	-	4
Annex Creek (AK)	-	-	-	2,640	-	-	-	-	-	-	-
Gold Creek (AK)	-	-	-	731	-	-	-	-	-	-	-
Lemon Creek (AK)	-	21	-	-	-	-	-	*	-	-	4
Salmon Creek (AK)	-	-	-	3,080	-	-	-	-	-	-	-
Salmon Creek 2 (AK)	-	-	-	-	-	-	-	-	-	-	-
Alaska Power Administration	-	-	-	35,150	-	-	-	-	-	-	-
Eklutna (AK)	-	-	-	22,777	-	-	-	-	-	-	-
Sneltisham (AK)	-	-	-	12,373	-	-	-	-	-	-	-
Alaska Power And Telephone											
Company	-	1,728	-	536	-	-	-	3	-	-	2
Craig (AK)	-	738	-	-	-	-	-	1	-	-	*
Dot Lake (AK)	-	-	-	-	-	-	-	-	-	-	*
Hydaburg (AK)	-	87	-	-	-	-	-	*	-	-	*
Skagway (AK)	-	170	-	536	-	-	-	*	-	-	*
Tok (AK)	-	733	-	-	-	-	-	1	-	-	1

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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)
Alaska Village Electric Coop, Inc	-	2,317	-	-	-	-	-	5	-	-	22
Alakanuk (AK)	-	60	-	-	-	-	-	*	-	-	1
Ambler (AK)	-	61	-	-	-	-	-	*	-	-	1
Anvik (AK)	-	17	-	-	-	-	-	*	-	-	*
Chevak (AK)	-	66	-	-	-	-	-	*	-	-	1
Eek (AK)	-	25	-	-	-	-	-	*	-	-	*
Elim (AK)	-	25	-	-	-	-	-	*	-	-	*
Emmonak (AK)	-	129	-	-	-	-	-	*	-	-	*
Gambell (AK)	-	60	-	-	-	-	-	*	-	-	1
Goodnews Bay (AK)	-	32	-	-	-	-	-	*	-	-	*
Grayling (AK)	-	28	-	-	-	-	-	*	-	-	*
Holy Cross (AK)	-	32	-	-	-	-	-	*	-	-	1
Hooper Bay (AK)	-	103	-	-	-	-	-	*	-	-	1
Huslia (AK)	-	31	-	-	-	-	-	*	-	-	*
Kaltag (AK)	-	29	-	-	-	-	-	*	-	-	2
Kiana (AK)	-	63	-	-	-	-	-	*	-	-	1
Kivalina (AK)	-	37	-	-	-	-	-	*	-	-	1
Koyuk (AK)	-	37	-	-	-	-	-	*	-	-	*
Lower Kalskag (AK)	-	38	-	-	-	-	-	*	-	-	*
Marshall (AK)	-	39	-	-	-	-	-	*	-	-	1
Mekoryuk (AK)	-	36	-	-	-	-	-	*	-	-	1
Minto (AK)	-	28	-	-	-	-	-	*	-	-	*
Mountain Village (AK)	-	130	-	-	-	-	-	*	-	-	1
New Stuyahok (AK)	-	32	-	-	-	-	-	*	-	-	*
Noatak (AK)	-	37	-	-	-	-	-	*	-	-	*
Noorvik (AK)	-	69	-	-	-	-	-	*	-	-	1
Nulato (AK)	-	46	-	-	-	-	-	*	-	-	1
Nunapitchuk (AK)	-	85	-	-	-	-	-	*	-	-	*
Old Harbor (AK)	-	47	-	-	-	-	-	*	-	-	*
Pilot Station (AK)	-	64	-	-	-	-	-	*	-	-	1
Quinhagak (AK)	-	57	-	-	-	-	-	*	-	-	*
Russion Mission (AK)	-	25	-	-	-	-	-	*	-	-	1
Savoonga (AK)	-	69	-	-	-	-	-	*	-	-	1
Scammon Bay (AK)	-	46	-	-	-	-	-	*	-	-	*
Selawik (AK)	-	67	-	-	-	-	-	*	-	-	1
Shageluk (AK)	-	12	-	-	-	-	-	*	-	-	1
Shaktolik (AK)	-	36	-	-	-	-	-	*	-	-	*
Shishmaref (AK)	-	60	-	-	-	-	-	*	-	-	1
Shungnak (AK)	-	50	-	-	-	-	-	*	-	-	1
St Marys (AK)	-	133	-	-	-	-	-	*	-	-	*
St Michael (AK)	-	34	-	-	-	-	-	*	-	-	*
Stebbins (AK)	-	40	-	-	-	-	-	*	-	-	*
Togiak (AK)	-	89	-	-	-	-	-	*	-	-	*
Toksook Bay (AK)	-	57	-	-	-	-	-	*	-	-	*
Tununak (AK)	-	38	-	-	-	-	-	*	-	-	*
Wales (AK)	-	18	-	-	-	-	-	*	-	-	*
Albany City Of	-	-	-	-	-	-	-	-	-	-	*
Albany (MO)	-	-	-	-	-	-	-	-	-	-	*
Alexandria Bd Of Public Works ...	-	-	-	-	-	-	-	-	-	-	-
Alexandria (MN)	-	-	-	-	-	-	-	-	-	-	-
Alexandria Elec Lt & Pr Dept	-	-	-	-	-	-	-	-	-	-	18
Hunter, D G (LA)	-	-	-	-	-	-	-	-	-	-	18
Algona Municipal Utilities	-	24	-	-	-	-	-	*	-	-	2
Algona (IA)	-	24	-	-	-	-	-	*	-	-	2
Allegheny Electric Coop	-	-	-	3,874	-	-	-	-	-	-	-
Raystown (PA)	-	-	-	3,874	-	-	-	-	-	-	-
Alliance, City Of	-	-	-	-	-	-	-	-	-	-	-
Alliance (NE)	-	-	-	-	-	-	-	-	-	-	-
Alpena Power Co	-	-	-	1,811	-	-	-	-	-	-	-
Four Mile Dam (MI)	-	-	-	523	-	-	-	-	-	-	-
Hillman (MI)	-	-	-	76	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)
Alpena Power Co											
Ninth Street Dam (MI)	-	-	-	474	-	-	-	-	-	-	-
Norway Point Dam (MI)	-	-	-	738	-	-	-	-	-	-	-
Alta Mun Elec Lt & Pwr Pnt Sys											
Alta (IA)	-	-1	-	-	-	-	-	-	-	-	*
Ames, City Of	33,090	437	-	-	-	-	20	1	-	24	2
Ames (IA)	33,090	329	-	-	-	-	20	1	-	24	1
Ames Gt (IA)	-	108	-	-	-	-	-	-	-	-	1
Anchorage Mun Lt & Pwr Dept	-	3	52,195	-	-	-	-	*	725	-	24
Anchorage (AK)	-	3	2,797	-	-	-	-	*	51	-	2
GMS 2 (AK)	-	-	49,398	-	-	-	-	-	673	-	21
Aniak Light & Power Company, Inc	-	145	-	-	-	-	-	*	-	-	1
Aniak (AK)	-	145	-	-	-	-	-	*	-	-	1
Anita Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Anita (IA)	-	-	-	-	-	-	-	-	-	-	-
Ansley Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Ansley (NE)	-	-	-	-	-	-	-	-	-	-	-
Anthony City Of	-	158	1,738	-	-	-	-	*	18	-	1
Anthony (KS)	-	158	1,738	-	-	-	-	*	18	-	1
Appalachian Power Co (AEP)	2,373,969	10,736	-	36,494	-	-	911	14	-	2,353	74
Amos, John E (WV)	1,178,309	6,907	-	-	-	-	454	9	-	1,118	33
Buck (VA)	-	-	-	2,861	-	-	-	-	-	-	-
Byllesby 2 (VA)	-	-	-	3,573	-	-	-	-	-	-	-
Claytor (VA)	-	-	-	13,890	-	-	-	-	-	-	-
Clinch River (VA)	405,318	273	-	-	-	-	150	*	-	287	3
Glen Lyn (VA)	85,474	1,215	-	-	-	-	34	2	-	108	4
Kanawha River (WV)	78,660	698	-	-	-	-	31	1	-	116	1
Leesville (VA)	-	-	-	6,587	-	-	-	-	-	-	-
London (WV)	-	-	-	3,313	-	-	-	-	-	-	-
Marmet (WV)	-	-	-	3,582	-	-	-	-	-	-	-
Mountaineer (WV)	626,208	1,643	-	-	-	-	242	2	-	724	33
Niagara (VA)	-	-	-	756	-	-	-	-	-	-	-
Reusens (VA)	-	-	-	1,890	-	-	-	-	-	-	-
Smith Mountain (VA)	-	-	-	6,833	-	-	-	-	-	-	-
Winfield (WV)	-	-	-	6,875	-	-	-	-	-	-	-
Arcadia Mun Electric Utility	-	7	8	-	-	-	-	*	*	-	1
Arcadia (WI)	-	7	8	-	-	-	-	*	*	-	1
Arcanum Water & Light Plant	-	-	-	-	-	-	-	-	-	-	*
Arcanum (OH)	-	-	-	-	-	-	-	-	-	-	*
Argyle Municipal Elec & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Argyle (WI)	-	-	-	-	-	-	-	-	-	-	-
Arizona Electric Pwr Coop, Inc	200,212	-	34,641	-	-	-	88	-	383	102	-
Apache Station (AZ)	200,212	-	34,641	-	-	-	88	-	383	102	-
Arizona Public Service Company	2,076,395	1,033	135,335	2,131	1,737,095	-	1,118	2	1,569	1,052	197
Childs (AZ)	-	-	-	1,992	-	-	-	-	-	-	-
Cholla (AZ)	631,801	901	248	-	-	-	336	2	3	423	8
Fairview (AZ)	-	11	-	-	-	-	-	*	-	-	9
Four Corners (NM)	1,444,594	-	4,669	-	-	-	782	-	51	629	-
Irring (AZ)	-	-	-	139	-	-	-	-	-	-	-
Ocotillo (AZ)	-	-	33,441	-	-	-	-	-	461	-	33
Palo Verde (AZ)	-	-	-	-	1,737,095	-	-	-	-	-	-
Phoenix (AZ)	-	63	61,000	-	-	-	-	*	615	-	41
Saguaro (AZ)	-	6	16,858	-	-	-	-	*	193	-	43

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	17,574	-	-	-	-	-	225	-	-
Yuma Axis (AZ)	-	52	1,545	-	-	-	-	-	21	-	63
Arkansas Electric Coop Corp	-	-	-	11,792	-	-	-	-	-	-	-
Bailey (AR)	-	-	-	-	-	-	-	-	-	-	-
Clyde Ellis (AR)	-	-	-	11,792	-	-	-	-	-	-	-
Fitzhugh (AR)	-	-	-	-	-	-	-	-	-	-	-
Mc Clellan (AR)	-	-	-	-	-	-	-	-	-	-	-
Arkansas Power & Light Co											
(MSU)	1,892,528	4,267	538,264	11,472	897,748	-	1,133	9	6,019	1,494	258
Arkansas Nuclear One(AR)	-	-	-	-	897,748	-	-	-	-	-	-
Blytheville (AR)	-	555	-	-	-	-	-	2	-	-	33
Carpenter (AR)	-	-	-	7,651	-	-	-	-	-	-	-
Couch, Harvey (AR)	-	-	44,504	-	-	-	-	-	516	-	5
Independence (AR)	895,663	2,471	-	-	-	-	529	5	-	581	15
L Catherine (AR)	-	-	158,366	-	-	-	-	-	1,800	-	15
Lynch, Cecil (AR)	-	-	-176	-	-	-	-	-	-	-	6
Mablevale (AR)	-	-	190	-	-	-	-	-	9	-	9
Moses, Ham (AR)	-	-	-158	-	-	-	-	-	-	-	5
Rommel (AR)	-	-	-	3,821	-	-	-	-	-	-	-
Ritchie, R E (AR)	-	-	335,538	-	-	-	-	-	3,695	-	146
White Bluff (AR)	996,865	1,241	-	-	-	-	604	3	-	913	23
Arnold Municipal Plant	-	-	-	-	-	-	-	-	-	-	-
Arnold (NE)	-	-	-	-	-	-	-	-	-	-	-
Ashland, City Of	-	7	57	-	-	-	-	-	4	-	1
Ashland (KS)	-	7	57	-	-	-	-	-	4	-	1
Associated Electric Coop, Inc	900,690	865	-	-	-	-	432	2	-	1,137	25
New Madrid (MO)	600,595	87	-	-	-	-	277	-	-	623	1
Thomas Hill (MO)	300,095	775	-	-	-	-	156	1	-	514	7
Unionville (MO)	-	3	-	-	-	-	-	-	-	-	17
Atlantic City Electric Co (ACE)	161,274	104,596	23,238	-	-	-	70	192	293	169	433
* Central Storage *	-	-	-	-	-	-	-	-	-	-	120
Carlis Corner (NJ)	-	-	3,853	-	-	-	-	-	68	-	13
Cedar (NJ)	-	1,546	-	-	-	-	-	4	-	-	10
Cumberland St (NJ)	-	7,350	-	-	-	-	-	16	-	-	21
Deepwater (NJ)	40,568	25,047	17,665	-	-	-	16	60	196	34	135
England, B L (NJ)	120,706	65,385	-	-	-	-	54	99	-	135	91
Mickleton Street (NJ)	-	-	1,718	-	-	-	-	-	29	-	17
Middle (NJ)	-	3,327	-	-	-	-	-	8	-	-	16
Missouri Avenue (NJ)	-	1,941	-	-	-	-	-	5	-	-	9
Atlantic Mun Utilities	-	-	-	-	-	-	-	-	-	-	2
Atlantic (IA)	-	-	-	-	-	-	-	-	-	-	2
Attica City Of	-	-	-	-	-	-	-	-	-	-	-
Attica (KS)	-	-	-	-	-	-	-	-	-	-	-
Auburn City Of	-	-	-8	-	-	-	-	-	-	-	1
Auburn (NE)	-	-	-8	-	-	-	-	-	-	-	1
Augusta City Of	-	223	5,119	-	-	-	-	-	60	-	-
Plant No 1 (KS)	-	8	127	-	-	-	-	-	3	-	-
Plant No 2 (KS)	-	215	4,992	-	-	-	-	-	57	-	-
Augusta Light And Water Plant ...	-	-	-	-	-	-	-	-	-	-	-
Fairbanks (AR)	-	-	-	-	-	-	-	-	-	-	-
Austin Electric Dept	-	6	124,805	-	-	42	-	-	1,420	-	241
Decker Creek (TX)	-	3	98,252	-	-	42	-	-	1,112	-	99
Holly Street (TX)	-	3	26,825	-	-	-	-	-	308	-	139
Seaholm (TX)	-	-	-272	-	-	-	-	-	-	-	3

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	-	-	7,267	-	-	-	-	-	97	16	-
Austin (MN)	-	-	-	-	-	-	-	-	-	-	-
Northeast Station (MN)	-	-	7,267	-	-	-	-	-	97	16	-
Baker City Of	-	-	-	-	-	-	-	-	-	-	-
Baker (OR)	-	-	-	-	-	-	-	-	-	-	-
Baldwin City Of	-	35	26	-	-	-	-	*	*	-	1
Attica (KS)	-	35	26	-	-	-	-	*	*	-	1
Baltimore Gas & Electric Co	761,092	272,083	91,737	-	-7,727	-	300	551	1,294	592	813
* Central Storage *	-	-	-	-	-	-	-	-	-	-	*
Brandon (MD)	331,020	-	-	-	-	-	133	-	-	353	3
Calvert Cliffs (MD)	-	-	-	-	-7,727	-	-	-	-	-	-
Crane, C P (MD)	175,801	478	-	-	-	-	70	1	-	65	4
Gould Street (MD)	-	36,424	-	-	-	-	-	69	-	-	32
Notch Cliff (MD)	-	-	9,090	-	-	-	-	-	150	-	-
Perryman (MD)	-	14,053	-	-	-	-	-	38	-	-	90
Philadelphia Road (MD)	-	2,168	-	-	-	-	-	6	-	-	15
Riverside (MD)	-	83,292	26,019	-	-	-	-	171	362	-	200
Wagner, H A (MD)	254,271	97,702	51,239	-	-	-	97	184	685	174	408
Westport (MD)	-	37,966	5,389	-	-	-	-	81	96	-	61
Bancroft Mun Electric Plant	-	-	-	-	-	-	-	-	-	-	-
Bancroft (IA)	-	-	-	-	-	-	-	-	-	-	-
Bandette Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Baudette (MN)	-	-	-	-	-	-	-	-	-	-	-
Bangor Hydro Electric Co	-	587	-	16,506	-	-	-	2	-	-	18
Bar Harbor (ME)	-	35	-	-	-	-	-	*	-	-	1
Eastport (ME)	-	18	-	-	-	-	-	*	-	-	1
Ellsworth (ME)	-	-	-	1,138	-	-	-	-	-	-	-
Graham Station (ME)	-	517	-	-	-	-	-	1	-	-	16
Howland (ME)	-	-	-	777	-	-	-	-	-	-	-
Medway (ME)	-	17	-	2,851	-	-	-	*	-	-	1
Millford (ME)	-	-	-	4,704	-	-	-	-	-	-	-
Orono (ME)	-	-	-	847	-	-	-	-	-	-	-
Stanford (ME)	-	-	-	-	-	-	-	-	-	-	-
Stillwater (ME)	-	-	-	784	-	-	-	-	-	-	-
Veazie (ME)	-	-	-	5,495	-	-	-	-	-	-	-
Bangor-Pac Hydro Asso	-	-	-	7,543	-	-	-	-	-	-	-
West Enfield (ME)	-	-	-	7,543	-	-	-	-	-	-	-
Barnesville City Of	-	-	-	-	-	-	-	-	-	-	-
Barnesville (MN)	-	-	-	-	-	-	-	-	-	-	-
Barron Light & Water Dept	-	-	-	20	-	-	-	-	-	-	*
Barron (WI)	-	-	-	20	-	-	-	-	-	-	*
Barrow Utils & Elec Coop Inc	-	-	2,255	-	-	-	-	-	43	-	*
Barrow (AK)	-	-	2,255	-	-	-	-	-	43	-	*
Barton Village Electric Dept	-	-	-	537	-	-	-	-	-	-	*
W. Charleston (VT)	-	-	-	537	-	-	-	-	-	-	*
Basin Electric Pwr Coop, Inc	1,699,080	1,088	-	-	-	-	1,231	3	-	3,180	36
Antelope Valley (ND)	522,950	321	-	-	-	-	434	1	-	277	4
Laramie River (WY)	988,553	697	-	-	-	-	628	1	-	2,167	7
Leland Olds (ND)	187,577	70	-	-	-	-	169	*	-	715	2
Neal, William J. (ND)	-	-	-	-	-	-	-	-	-	-	-
Spirit Mound (SD)	-	-	-	-	-	-	-	-	-	-	23
Beaver City Corporation	-	-	-	362	-	-	-	-	-	-	-
Beaver Lower (UT)	-	-	-	86	-	-	-	-	-	-	-
Beaver Upper (UT)	-	-	-	276	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	-	-	-	-	-	-	-	*	-	-	*
Beaver City (NE)	-	-	-	-	-	-	-	*	-	-	*
Bedford Electric Dept	-	-	-	1,134	-	-	-	-	-	-	-
Snowden (VA)	-	-	-	1,134	-	-	-	-	-	-	-
Bellevue City Of	-	105	1,369	-	-	-	-	*	15	-	2
Belleville (KS)	-	105	1,369	-	-	-	-	*	15	-	2
Bellevue Municipal Utilities	-	-	-	-	-	-	-	-	1	-	1
Bellevue (IA)	-	-	-	-	-	-	-	-	1	-	1
Beloit City Of	-	122	994	-	-	-	-	*	11	-	*
Beloit (KS)	-	122	994	-	-	-	-	*	11	-	*
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	-	501	-	-	-	-	-	*	-	-	1
Berlin (MD)	-	501	-	-	-	-	-	*	-	-	1
Bethany City	-	97	-	-	-	-	-	*	-	-	1
Bethany (MO)	-	97	-	-	-	-	-	*	-	-	1
Bethel Utilities Commission	-	2,175	-	-	-	-	-	4	-	-	-
Bethel (AK)	-	2,175	-	-	-	-	-	4	-	-	-
Bettles Light & Power Inc	-	58	-	-	-	-	-	*	-	-	2
Bettles (AK)	-	58	-	-	-	-	-	*	-	-	2
Big Rivers Electric Corporation ..	1,005,304	802	688	-	-	-	481	1	6	713	15
Coleman (KY)	245,846	-	688	-	-	-	110	-	6	133	2
Green (KY)	279,321	212	-	-	-	-	136	*	-	253	1
Henderson II (KY)	163,488	352	-	-	-	-	70	1	-	-	1
Reid, Robert (KY)	31,080	14	-	-	-	-	15	*	-	142	5
Wilson (KY)	285,561	224	-	-	-	-	130	*	-	185	6
Black Hills Pwr & Lt Co	55,677	129	3	-	-	-	56	1	*	14	23
French, Ben (SD)	10,596	129	3	-	-	-	9	1	*	4	23
Kirk (SD)	10,260	-	-	-	-	-	12	-	-	5	-
Osage (WY)	21,670	-	-	-	-	-	22	-	-	4	-
Simpson, Neil (WY)	13,151	-	-	-	-	-	12	-	-	-	*
Black River Falls, City Of	-	-	-	302	-	-	-	-	-	-	*
Black River Falls (WI)	-	-	-	302	-	-	-	-	-	-	*
Block Island Power Co	-	1,128	-	-	-	-	-	2	-	-	2
Block Island (RI)	-	1,128	-	-	-	-	-	2	-	-	2
Bloomfield Mun Utilities	-	-	-	-	-	-	-	-	-	-	1
Bloomfield (IA)	-	-	-	-	-	-	-	-	-	-	1
Blooming Prairie Pub Utils Comm											
Blooming Prairie (MN)	-	-	-	-	-	-	-	-	-	-	*
Blue Earth Lt & Wtr Dept	-	-	-	-	-	-	-	-	-	-	*
Blue Earth (MN)	-	-	-	-	-	-	-	-	-	-	*
Blue 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,
July 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	-	-	-	27	-	-	-	-	-	-	-
Sharp Falls (NC)	-	-	-	27	-	-	-	-	-	-	-
Bluffton Utilities	-	92	143	-	-	-	-	*	1	-	2
Bluffton (IN)	-	92	143	-	-	-	-	*	1	-	2
Bonniers Ferry City Of (Lt & Wtr Dpt)	-	-	-	3,243	-	-	-	-	-	-	-
Bonniers Ferry (ID)	-	-	-	-	-	-	-	-	-	-	-
Moyle (ID)	-	-	-	3,243	-	-	-	-	-	-	-
Boston Edison Company	-	247,073	594,207	-	274,751	-	-	407	6,074	-	1,201
Edgar (MA)	-	70	-	-	-	-	-	-	-	-	1
Framingham (MA)	-	53	-	-	-	-	-	-	-	-	2
L Street (MA)	-	14	-	-	-	-	-	-	-	-	1
Mystic (MA)	-	167,679	264,858	-	-	-	-	291	2,792	-	825
New Boston (MA)	-	79,250	328,860	-	-	-	-	116	3,271	-	366
Pilgrim (MA)	-	-	-	-	274,751	-	-	-	-	-	-
West Medway (MA)	-	7	489	-	-	-	-	*	11	-	7
Boston Metro Dist Comm-WD	-	-	-	-	-	-	-	-	-	-	-
Aqueduct Transfer (MA)	-	-	-	-	-	-	-	-	-	-	-
Oakdale (MA)	-	-	-	-	-	-	-	-	-	-	-
Wachusett (MA)	-	-	-	-	-	-	-	-	-	-	-
Winsor (MA)	-	-	-	-	-	-	-	-	-	-	-
Bountiful City Light & Power	-	82	154	2,893	-	-	-	*	2	-	1
Bountiful (UT)	-	82	154	-	-	-	-	*	2	-	1
Echo Dam (UT)	-	-	-	2,893	-	-	-	-	-	-	-
Bowersock Mills & Power Co	-	-	-	1,115	-	-	-	-	-	-	-
Lawrence (KS)	-	-	-	1,115	-	-	-	-	-	-	-
Brady Water & Light Works	-	921	-	-	-	-	-	2	-	-	1
Brady (TX)	-	921	-	-	-	-	-	2	-	-	1
Braintree Electric Light Dept	-	-	8,925	-	-	-	-	-	95	-	20
Potter Station (MA)	-	-	8,925	-	-	-	-	-	95	-	20
Brazos Elec Pwr Coop, Inc	-	-	160,808	-	-	-	-	-	1,678	-	115
Miller, R W (TX)	-	-	159,529	-	-	-	-	-	1,663	-	105
North Texas (TX)	-	-	1,279	-	-	-	-	-	14	-	10
Poage, W. R. (TX)	-	-	-	-	-	-	-	-	-	-	-
Brazos River Authority	-	-	-	1,307	-	-	-	-	-	-	-
M Sheppard (TX)	-	-	-	1,307	-	-	-	-	-	-	-
Breese City Of	-	22	-	-	-	-	-	*	-	-	1
Breese (IL)	-	22	-	-	-	-	-	*	-	-	1
Brigham City Corporation	-	-	-	705	-	-	-	-	-	-	-
Brigham City (UT)	-	-	-	313	-	-	-	-	-	-	-
Brigham 2 (UT)	-	-	-	392	-	-	-	-	-	-	-
Broken Bow Mun Utilities	-	39	314	-	-	-	-	*	4	-	*
Broken Bow (NE)	-	39	314	-	-	-	-	*	4	-	*
Brooklyn Mun Utilities	-	-	-	-	-	-	-	-	-	-	*
Brooklyn (IA)	-	-	-	-	-	-	-	-	-	-	*
Brownfield Mun Pr & Lt Plant	-	-	-37	-	-	-	-	-	-	-	*
Brownfield (TX)	-	-	-37	-	-	-	-	-	-	-	*
Brownsville City Of (Pub Utili Brd)	-	-	2,151	-	-	-	-	-	33	-	29
Brownsville (TX)	-	-	2,151	-	-	-	-	-	33	-	29

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	-	-	45,975	-	-	-	-	-	499	-	86
Bryan (TX)	-	-	8,005	-	-	-	-	-	100	-	35
Dansby (TX)	-	-	37,970	-	-	-	-	-	399	-	51
Bryan Municipal Light & Water											
Works	-	17	52	-	-	-	-	*	1	-	7
Bryan (OH)	-	17	52	-	-	-	-	*	1	-	7
Bryant Light & Power Plant	-	-	-	-	-	-	-	-	-	-	-
Bryant (SD)	-	-	-	-	-	-	-	-	-	-	-
Buhl Public Utilities Dept	-	-	-	-	-	-	-	-	-	-	-
Buhl (MN)	-	-	-	-	-	-	-	-	-	-	-
Burbank Public Service											
Department	-	-	30,699	-	-	-132	-	-	369	-	76
Magnolia (CA)	-	-	-1	-	-	-132	-	-	5	-	74
Olive (CA)	-	-	30,700	-	-	-	-	-	364	-	2
Burlingame City Of	-	-	197	-	-	-	-	-	2	-	-
Burlingame (KS)	-	-	197	-	-	-	-	-	2	-	-
Burlington City Of	-	33	372	-	-	-	-	*	4	-	1
Burlington (KS)	-	33	372	-	-	-	-	*	4	-	1
Burlington City Of	-	-	-	-	-	-	-	-	-	-	-
Burlington (CO)	-	-	-	-	-	-	-	-	-	-	-
Burlington Electric Light Dept	-	27	10,953	-	-	-	-	*	99	-	12
Burlington (VT)	-	-	-	-	-	-	-	*	-	-	6
J C McNeil (VT)	-	27	10,953	-	-	-	-	*	99	-	6
Burwell Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Burwell (NE)	-	-	-	-	-	-	-	-	-	-	-
Bushnell Mun Elec Lt & Pwr Util ..	-	-	-	-	-	-	-	-	-	-	*
Bushnell (IL)	-	-	-	-	-	-	-	-	-	-	*
Butler Light & Water Service	-	34	-	-	-	-	-	1	-	-	1
Butler (MO)	-	34	-	-	-	-	-	1	-	-	1
Ca State Dept Of Water											
Resources	-	-	-	385,708	-	4,196	-	-	-	-	-
Alamo (CA)	-	-	-	2,410	-	-	-	-	-	-	-
Bottle Rock (CA)	-	-	-	-	-	4,196	-	-	-	-	-
Devil Canyon (CA)	-	-	-	92,531	-	-	-	-	-	-	-
Edw Hyatt (CA)	-	-	-	139,672	-	-	-	-	-	-	-
San Luis (CA)	-	-	-	92,110	-	-	-	-	-	-	-
Thermal Div (CA)	-	-	-	1,403	-	-	-	-	-	-	-
Thermalito (CA)	-	-	-	22,764	-	-	-	-	-	-	-
W E Warne (CA)	-	-	-	34,818	-	-	-	-	-	-	-
Cajun Elec Power Coop Inc	783,530	1,705	67,617	-	-	-	487	4	827	1,038	34
Big Cajun 1 (LA)	-	-	67,617	-	-	-	-	-	827	-	22
Big Cajun 2 (LA)	783,530	1,705	-	-	-	-	487	4	-	1,038	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,
July 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)	834,328	6,087	-	-	-	-	352	9	-	797	23
Cardinal (OH)	834,328	6,087	-	-	-	-	352	9	-	797	23
Carlyle Municipal Utilities	-	18	-	-	-	-	-	*	*	-	*
Carlyle (IL)	-	18	-	-	-	-	-	*	*	-	*
Carmi Light & Water	-	50	495	-	-	-	-	*	5	-	1
Carmi (IL)	-	50	495	-	-	-	-	*	5	-	1
Carolina Power & Light Co	1,921,062	10,338	605	36,995	2,159,175	-	785	20	16	2,841	196
Asheville (NC)	182,644	678	-	-	-	-	70	1	-	216	1
Blewett (NC)	-	-25	-	7,042	-	-	-	-	-	-	7
Brunswick (NC)	-	-	-	-	1,071,004	-	-	-	-	-	-
Cape Fear (NC)	88,438	871	-	-	-	-	36	2	-	138	14
Darlington County (SC)	-	-	567	-	-	-	-	-	16	-	105
Harris (NC)	-	-	-	-	629,733	-	-	-	-	-	-
Lee (NC)	80,198	2,015	-	-	-	-	31	4	-	220	19
Marshall (NC)	-	-	-	1,887	-	-	-	-	-	-	-
Mayo (NC)	320,740	1,652	-	-	-	-	138	3	-	450	5
Morehead (NC)	-	-	-	-	-	-	-	-	-	-	-
Robinson, H B (SC)	25,663	676	38	-	458,438	-	10	1	1	87	3
Roxboro (NC)	1,155,263	2,368	-	-	-	-	471	4	-	1,276	14
Sutton (NC)	59,442	2,032	-	-	-	-	25	4	-	347	11
Tillery (NC)	-	-	-	11,443	-	-	-	-	-	-	-
Walters (NC)	-	-	-	16,623	-	-	-	-	-	-	-
Weatherspoon (NC)	8,694	71	-	-	-	-	4	*	-	106	17
Carrollton Municipal Utilities	-	47	195	-	-	-	-	*	2	-	6
Carrollton (MO)	-	47	195	-	-	-	-	*	2	-	6
Carthage Water & Elec Plant	-	-2	-14	-	-	-	-	*	*	-	4
Carthage (MO)	-	-2	-14	-	-	-	-	*	*	-	4
Cascade Mun Elec Plant	-	5	-	-	-	-	-	*	-	-	*
Cascade (IA)	-	5	-	-	-	-	-	*	-	-	*
Cascade Power Company	-	-	-	247	-	-	-	-	-	-	-
Brevard (NC)	-	-	-	247	-	-	-	-	-	-	-
Cashton Light & Water Plant	-	-	-	-	-	-	-	-	-	-	-
Cashton (WI)	-	-	-	-	-	-	-	-	-	-	-
Cedar Falls Utilities	3,727	-	161	-	-	-	2	-	2	22	6
Cedar Falls Gt (IA)	3,727	-	59	-	-	-	2	-	1	22	-
Streeter (IA)	-	-	102	-	-	-	-	-	2	-	6
Centel Corporation	19,901	375	72,414	-	-	24	12	1	1,021	11	84
Cimarron River (KS)	-	-	10,947	-	-	-	-	-	162	-	-
Clark, W N (CO)	19,901	-	1,724	-	-	24	12	-	23	11	-
Clifton (KS)	-	-	119	-	-	-	-	-	2	-	6
Judson Large (KS)	-	-	50,911	-	-	-	-	-	568	-	43
Mullergren, Arthur (KS)	-	-	-217	-	-	-	-	-	75	-	22
Pueblo (CO)	-	98	6,850	-	-	-	-	*	152	-	6
Rocky Ford (CO)	-	277	2,080	-	-	-	-	*	39	-	7
Center Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Center (CO)	-	-	-	-	-	-	-	-	-	-	-
Central Electric Power Coop	37,516	4	-	-	-	-	18	*	-	24	*
Chamols (MO)	37,516	4	-	-	-	-	18	*	-	24	*
Central Hudson Gas & Elec Corp	173,904	637,216	51,409	10,380	-	-	69	993	597	170	688
Coxsackie (NY)	-	-	173	-	-	-	-	-	2	-	3

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)
Central Hudson Gas & Elec Corp											
Danskammer (NY)	173,904	58	51,236	-	-	-	69	*	595	170	27
Dashville (NY)	-	-	-	1,064	-	-	-	-	-	-	-
High Falls (NY)	-	-	-	74	-	-	-	-	-	-	-
Neversink (NY)	-	-	-	5,806	-	-	-	-	-	-	-
Roseton (NY)	-	637,097	-	-	-	-	-	993	-	-	653
South Cairo (NY)	-	61	-	-	-	-	-	*	-	-	3
Sturgeon Pool (NY)	-	-	-	3,436	-	-	-	-	-	-	-
Central Illinois Light Co	483,323	879	140	-	-	-	208	1	2	311	1
Duck Creek (IL)	196,801	126	-	-	-	-	97	*	-	154	1
E D Edwards (IL)	286,522	753	-	-	-	-	112	1	-	157	1
Sterling Avenue (IL)	-	-	140	-	-	-	-	-	2	-	-
Central Illinois Public Service Co	998,828	2,818	-	-	-	-	472	5	-	918	87
Coffeen (IL)	382,434	354	-	-	-	-	192	1	-	469	4
Grand Tower (IL)	44,795	352	-	-	-	-	22	1	-	44	1
Hutsonville (IL)	57,472	349	-	-	-	-	28	1	-	75	2
Meredosia (IL)	111,336	767	-	-	-	-	52	1	-	100	75
Newton (IL)	402,791	996	-	-	-	-	178	2	-	230	5
Central Iowa Power Coop	23,530	399	21	-	-	-	14	1	*	101	6
Fair Station (IA)	23,530	-	-	-	-	-	14	-	-	101	-
Summit Lake (IA)	-	399	21	-	-	-	-	1	*	-	6
Central Louisiana Elec Co, Inc	737,366	-	336,457	-	-	-	527	-	3,391	933	209
Coughlin (LA)	-	-	36,196	-	-	-	-	-	392	-	49
Dolet Hills (LA)	437,768	-	769	-	-	-	350	-	7	401	-
Franklin (LA)	-	-	5	-	-	-	-	-	*	-	-
Rodemacher (LA)	299,598	-	172,349	-	-	-	177	-	1,725	532	118
Teche (LA)	-	-	127,138	-	-	-	-	-	1,266	-	42
Central Maine Power Company	-	243,648	-	104,063	-	-	-	403	-	-	589
Andro Lower (ME)	-	-	-	1	-	-	-	-	-	-	-
Andro Upper (ME)	-	-	-	9	-	-	-	-	-	-	-
Androscoggin 3 (ME)	-	-	-	2,199	-	-	-	-	-	-	-
Automatic (ME)	-	-	-	112	-	-	-	-	-	-	-
Bar Mills (ME)	-	-	-	1,442	-	-	-	-	-	-	-
Bates Lower (ME)	-	-	-	-	-	-	-	-	-	-	-
Bates Upper (ME)	-	-	-	32	-	-	-	-	-	-	-
Bonny Eagle (ME)	-	-	-	2,805	-	-	-	-	-	-	-
Brunswick (ME)	-	-	-	6,482	-	-	-	-	-	-	-
C. E. Monty (ME)	-	-	-	7,466	-	-	-	-	-	-	-
Cape (ME)	-	47	-	-	-	-	-	*	-	-	11
Cataract (ME)	-	-	-	3,201	-	-	-	-	-	-	-
Continental Mills (ME)	-	-	-	28	-	-	-	-	-	-	-
Deer Rips (ME)	-	-	-	1,735	-	-	-	-	-	-	-
Fort Halifax (ME)	-	-	-	727	-	-	-	-	-	-	-
Gulf Island (ME)	-	-	-	8,465	-	-	-	-	-	-	-
Harris (ME)	-	-	-	18,475	-	-	-	-	-	-	-
Hill Mill (ME)	-	-	-	30	-	-	-	-	-	-	-
Hiram (ME)	-	-	-	3,420	-	-	-	-	-	-	-
Islesboro (ME)	-	-	-	-	-	-	-	-	-	-	*
Mason (ME)	-	884	-	-	-	-	-	3	-	-	106
North Gorham (ME)	-	-	-	683	-	-	-	-	-	-	-
Oakland (ME)	-	-	-	357	-	-	-	-	-	-	-
Peaks Island (ME)	-	-	-	-	-	-	-	-	-	-	*
Rice Rips (ME)	-	-	-	192	-	-	-	-	-	-	-
Shawmut (ME)	-	-	-	4,048	-	-	-	-	-	-	-
Skelton (ME)	-	-	-	6,124	-	-	-	-	-	-	-
Union Gas (ME)	-	-	-	86	-	-	-	-	-	-	-
West Buxton (ME)	-	-	-	2,068	-	-	-	-	-	-	-
West Channel (MA)	-	-	-	-2	-	-	-	-	-	-	-
Weston (ME)	-	-	-	7,250	-	-	-	-	-	-	-
Williams (ME)	-	-	-	-20	-	-	-	-	-	-	-
Wyman Hydro (ME)	-	-	-	26,648	-	-	-	-	-	-	-
Wyman, W F (ME)	-	242,717	-	-	-	-	-	400	-	-	472

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	-	-	-8	46,393	-	-	-	-	*	-	84
Canaday (NE)	-	-	-8	-	-	-	-	-	*	-	84
Jeffrey Canyon (NE)	-	-	-	11,378	-	-	-	-	-	-	-
Johnson No 1 (NE)	-	-	-	5,581	-	-	-	-	-	-	-
Johnson No 2 (NE)	-	-	-	7,180	-	-	-	-	-	-	-
Kingsley (NE)	-	-	-	22,274	-	-	-	-	-	-	-
Central Operating Company											
(AEP)	202,103	2,633	-	-	-	-	83	4	-	708	18
Sporn, Phil (WV)	202,103	2,633	-	-	-	-	83	4	-	708	18
Central Power & Light Co (CSW)	407,748	206	892,939	4,157	-	-	189	*	8,799	428	532
* Central Storage	-	-	-	-	-	-	-	-	-	-	-
Bates, J L (TX)	-	-	56,789	-	-	-	-	-	534	-	42
Colato Creek (TX)	407,748	16	-	-	-	-	189	*	-	428	7
Davis, Barney M (TX)	-	97	251,880	-	-	-	-	*	2,569	-	159
Eagle Pass (TX)	-	-	-	4,157	-	-	-	-	-	-	-
Hill, Lon C (TX)	-	7	124,239	-	-	-	-	*	1,234	-	74
Joslin, E S (TX)	-	-	90,614	-	-	-	-	-	893	-	50
La Palma (TX)	-	-	81,415	-	-	-	-	-	770	-	47
Laredo (TX)	-	25	67,977	-	-	-	-	*	733	-	31
Nueces Bay (TX)	-	61	202,057	-	-	-	-	*	1,885	-	69
Victoria (TX)	-	-	17,968	-	-	-	-	-	181	-	54
Central Vermont Pub Serv Corp ..	-	-14	-	12,281	-	-	-	*	-	-	11
Arnold Falls (VT)	-	-	-	191	-	-	-	-	-	-	-
Ascutney (VT)	-	-6	-	-	-	-	-	*	-	-	4
Bradford (VT)	-	-	-	442	-	-	-	-	-	-	-
Carver Falls (NY)	-	-	-	187	-	-	-	-	-	-	-
Cavendish (VT)	-	-	-	188	-	-	-	-	-	-	-
Clarke Falls (VT)	-	-	-	1,463	-	-	-	-	-	-	-
East Barnet (VT)	-	-	-	878	-	-	-	-	-	-	-
Fairfax Falls (VT)	-	-	-	2,060	-	-	-	-	-	-	-
Gage (VT)	-	-	-	315	-	-	-	-	-	-	-
Glen (VT)	-	-	-	183	-	-	-	-	-	-	-
Lower Middlebury (VT)	-	-	-	404	-	-	-	-	-	-	-
Milton (VT)	-	-	-	2,595	-	-	-	-	-	-	-
Passumpsic (VT)	-	-	-	451	-	-	-	-	-	-	-
Patch (VT)	-	-	-	26	-	-	-	-	-	-	-
Peterson (VT)	-	-	-	2,207	-	-	-	-	-	-	-
Pierce Mills (VT)	-	-	-	9	-	-	-	-	-	-	-
Pittsford (VT)	-	-	-	351	-	-	-	-	-	-	-
Rutland (VT)	-	-8	-	-	-	-	-	-	-	-	7
Salisbury (VT)	-	-	-	98	-	-	-	-	-	-	-
Silver Lake (VT)	-	-	-	207	-	-	-	-	-	-	-
St. Albans (VT)	-	-	-	-	-	-	-	-	-	-	-
Taftsville (VT)	-	-	-	51	-	-	-	-	-	-	-
Weybridge (VT)	-	-	-	-5	-	-	-	-	-	-	-
Centralia Mun Hydro-Elec Plant ...	-	-	-	6,748	-	-	-	-	-	-	-
Centralia (WA)	-	-	-	6,748	-	-	-	-	-	-	-
Chanute City Of	-	409	4,234	-	-	-	-	*	32	-	1
Chanute (KS)	-	-	807	-	-	-	-	-	11	-	*
Chanute 2 (KS)	-	28	364	-	-	-	-	*	4	-	*
Chanute 3 (KS)	-	381	3,263	-	-	-	-	*	17	-	1
Chappell City Of	-	-	-	-	-	-	-	-	-	-	-
Chappell (NE)	-	-	-	-	-	-	-	-	-	-	-
Chelan County P U D No 1	-	-	-	926,375	-	-	-	-	-	-	-
Chelan (WA)	-	-	-	39,913	-	-	-	-	-	-	-
Rock Island (WA)	-	-	-	251,115	-	-	-	-	-	-	-
Rocky Reach (WA)	-	-	-	635,347	-	-	-	-	-	-	-
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, July 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	9
Beardmore (MO)	-	-	-	-	-	-	-	-	-	1	9
Chugach Electric Assn, Inc	-	-	144,952	1,252	-	-	-	-	2,051	-	9
Beluga (AK)	-	-	124,035	-	-	-	-	-	1,704	-	-
Bernice Lake (AK)	-	-	20,813	-	-	-	-	-	342	-	3
Cooper Lake (AK)	-	-	-	1,252	-	-	-	-	-	-	-
International (AK)	-	-	104	-	-	-	-	-	6	-	7
Cincinnati Gas & Electric Co	1,505,367	8,171	772	-	-	-	646	15	17	1,171	72
Beckjord, Walter C (OH)	589,498	3,181	-	-	-	-	255	6	-	290	36
Dicks Creek (OH)	-	79	772	-	-	-	-	-	17	-	7
East Bend (KY)	249,725	753	-	-	-	-	112	1	-	269	6
Miami Fort (OH)	666,144	4,158	-	-	-	-	279	8	-	612	23
Citizens Utilities Co	-	-	-	2,795	-	-	-	-	-	-	1
Charleston (VT)	-	-	-	408	-	-	-	-	-	-	-
Newport (VT)	-	-	-	2,247	-	-	-	-	-	-	-
Newport Diesel (VT)	-	-	-	-	-	-	-	-	-	-	1
North Troy (VT)	-	-	-	140	-	-	-	-	-	-	-
Citizens Utilities Company	-	2	22	-	-	-	-	*	*	-	1
Valencia (AZ)	-	2	22	-	-	-	-	*	*	-	1
Clarksdale Water & Light Dept	-	-	2,351	-	-	-	-	-	52	-	15
South (MS)	-	-	2,351	-	-	-	-	-	52	-	13
Third St (MS)	-	-	-	-	-	-	-	-	-	-	1
Clay Center Mun Lt & Water											
Plant	-	54	3,058	-	-	-	-	*	47	-	3
Claycenter (KS)	-	54	3,058	-	-	-	-	*	47	-	3
Cleveland Elec Illum Co, The	1,153,314	4,377	-	-	869,897	-	474	15	-	599	119
Ashtabula (OH)	163,833	454	-	-	-	-	73	1	-	114	1
Avon: Lake (OH)	403,048	449	-	-	-	-	170	1	-	124	13
Eastlake (OH)	513,490	642	-	-	-	-	202	2	-	277	14
Lake Shore (OH)	72,943	2,832	-	-	-	-	29	11	-	85	91
Perry (OH)	-	-	-	-	869,897	-	-	-	-	-	-
Cleveland Publ Utils Dept	-	-	616	-	-	-	-	*	18	-	3
Collinwood (OH)	-	-	221	-	-	-	-	*	3	-	1
Lake Road (OH)	-	-	-	-	-	-	-	-	-	-	-
West 41st Street (OH)	-	-	395	-	-	-	-	-	14	-	2
Clinton Village Of	-	-6	-	-	-	-	-	*	-	-	*
Clinton (MI)	-	-6	-	-	-	-	-	*	-	-	*
Cloverland Electric Coop	-	-51	-	-	-	-	-	-	-	-	1
Dafter (MI)	-	-28	-	-	-	-	-	-	-	-	*
Detour (MI)	-	-23	-	-	-	-	-	-	-	-	*
Coffeyville Mun Lt Dept	-	-	5,540	-	-	-	-	-	55	-	-
Coffeyville (KS)	-	-	5,540	-	-	-	-	-	55	-	-
Coggon Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Coggon (IA)	-	-	-	-	-	-	-	-	-	-	-
Colby Mun Wtr & Lt Plant	-	-	-	-	-	-	-	-	-	-	2
Colby (KS)	-	-	-	-	-	-	-	-	-	-	2
Coldwater City Of (Bd Of Pub											
Utils)	-	13	-	-	-	-	-	*	-	-	3
Coldwater (MI)	-	13	-	-	-	-	-	*	-	-	3
Coleman City Of	-	87	1,198	-	-	-	-	*	25	-	1
Coleman (TX)	-	87	1,198	-	-	-	-	*	25	-	1
Colorado Springs, City Of	216,102	16	160	3,214	-	-	107	*	2	394	74

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	87,953	-	160	-	-	-	49	-	2	100	5
George Birdsal (CO)	-	-	-	-	-	-	-	-	-	-	65
Manitou (CO)	-	-	-	2,676	-	-	-	-	-	-	-
Ray D. Nixon (CO)	128,149	16	-	-	-	-	57	*	-	293	4
Ruxton (CO)	-	-	-	538	-	-	-	-	-	-	-
Colorado-Ute Elec Assn, Inc	1,084,044	282	1,824	4,217	-	-	550	*	19	1,558	5
Ames (CO)	-	-	-	1,755	-	-	-	-	-	-	-
Bullock (CO)	-	-	-	-	-	-	-	-	-	-	-
Craig (CO)	769,986	-	1,464	-	-	-	394	-	15	1,004	3
Hayden (CO)	298,138	282	360	-	-	-	146	*	4	513	2
Nucila (CO)	15,920	-	-	-	-	-	9	-	-	42	-
Ouray (CO)	-	-	-	-	-	-	-	-	-	-	-
Tacoma (CO)	-	-	-	2,462	-	-	-	-	-	-	-
Columbia Water & Light Dept	12,491	-	-	-	-	-	8	-	-	1	2
Columbia (MO)	12,491	-	-	-	-	-	8	-	-	1	2
Columbus & Southern Ohio Elec											
Co	661,940	2,190	-	-	-	-	297	3	-	765	11
Conesville (OH)	619,187	2,108	-	-	-	-	275	3	-	728	11
Picway (OH)	42,753	82	-	-	-	-	22	*	-	37	*
Columbus City Of	3,407	-	-	-	-	22,803	6	-	-	23	-
Columbus (OH)	-	-	-	-	-	-	-	-	-	-	-
Municipal Electric (OH)	3,407	-	-	-	-	22,803	6	-	-	23	-
Commonwealth Edison Co Of											
Indiana	54,819	-	3,452	-	-	-	35	-	41	307	-
State Line (IN)	54,819	-	3,452	-	-	-	35	-	41	307	-
Commonwealth Edison Company											
(CES)	1,309,802	32,296	43,417	1,247	6,836,875	-	812	181	525	4,708	1,283
Bloom (IL)	-	-	-	-	-	-	-	-	-	-	-
Braidwood (IL)	-	-	-	-	1,549,593	-	-	-	-	-	-
Byron (IL)	-	-	-	-	1,217,443	-	-	-	-	-	-
Calumet (IL)	-	126	-	-	-	-	-	*	-	-	16
Collins (IL)	-	14,832	-	-	-	-	-	142	-	-	1,154
Crawford (IL)	72,547	157	6,428	-	-	-	45	1	72	569	4
Dixon (IL)	-	-	-	1,247	-	-	-	-	-	-	-
Dresden (IL)	-	-	-	-	947,992	-	-	-	-	-	-
Electric Junction (IL)	-	-	296	-	-	-	-	-	7	-	15
Fisk Street (IL)	59,744	1,402	8,303	-	-	-	38	5	97	163	12
Joliet (IL)	17,265	116	2,088	-	-	-	11	*	35	202	7
Joliet 7 & 8 (IL)	174,833	-	22,773	-	-	-	113	-	273	901	9
Kincaid (IL)	396,083	-	256	-	-	-	224	-	3	356	-
Lasalle (IL)	-	-	-	-	1,395,290	-	-	-	-	-	-
Lombard (IL)	-	88	88	-	-	-	-	*	1	-	11
Powerton (IL)	323,468	-	1,261	-	-	-	217	-	16	1,423	11
Quad-cities (IL)	-	-	-	-	1,026,697	-	-	-	-	-	-
Sabrooke (IL)	-	210	-	-	-	-	-	1	-	-	23
Waukegan (IL)	133,472	3,077	1,924	-	-	-	77	6	20	384	19
Will County (IL)	132,390	12,288	-	-	-	-	86	26	-	709	4
Zion (IL)	-	-	-	-	699,860	-	-	-	-	-	-
Commonwealth Energy System											
(CES)	-	526,258	22,769	-	-	-	-	896	316	-	235
Blackstone Street (MA)	-	17	265	-	-	-	-	*	10	-	3
Canal (MA)	-	524,488	-	-	-	-	-	892	-	-	157
Cannon Street (MA)	-	1,261	9,182	-	-	-	-	3	128	-	25
Kendall Square (MA)	-	381	13,322	-	-	-	-	1	179	-	47
Oak Bluffs (MA)	-	60	-	-	-	-	-	*	-	-	1
West Tisbury (MA)	-	51	-	-	-	-	-	*	-	-	2
Connecticut Light & Power Co											
(NU)	7,602	363,565	22,159	11,825	-	28,843	6	642	262	40	2,095
Bantam (CT)	-	-	-	82	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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											
(NU)											
Branford (CT)	-	5	-	-	-	-	-	-	-	-	1
Bulls Bridge (CT)	-	-	-	2,410	-	-	-	-	-	-	-
Cos Cob (CT)	-	153	-	-	-	-	-	-	-	-	7
Devon (CT)	-	87,845	-	-	-	-	-	157	-	-	374
Falls Village (CT)	-	-	-	1,467	-	-	-	-	-	-	-
Franklin (CT)	-	43	-	-	-	-	-	-	-	-	1
Middletown (CT)	-	104,455	-	-	-	-	-	197	-	-	837
Montville (CT)	-	39,657	22,053	-	-	-	-	76	260	-	412
Norwalk Harbor (CT)	-	130,938	-	-	-	-	-	210	-	-	397
Robertsville (CT)	-	-	-	13	-	-	-	-	-	-	-
Rocky River (CT)	-	-	-	662	-	-	-	-	-	-	-
Scotland (CT)	-	-	-	139	-	-	-	-	-	-	-
Shepaug (CT)	-	-	-	3,071	-	-	-	-	-	-	-
South Meadow (CT)	7,602	387	106	-	-	28,843	6	1	2	40	63
Stevenson (CT)	-	-	-	3,772	-	-	-	-	-	-	-
Taftville (CT)	-	-	-	205	-	-	-	-	-	-	-
Torrington (CT)	-	86	-	-	-	-	-	-	-	-	1
Tracy (CT)	-	-7	-	-	-	-	-	-	-	-	1
Tunnel (CT)	-	3	-	4	-	-	-	-	-	-	1
Connecticut Yankee Atomic Pwr											
Co											
Haddam Neck (CT)	-	-	-	-	-4,902	-	-	-	-	-	-
	-	-	-	-	-4,902	-	-	-	-	-	-
Consolidated Edison Co Of N Y,											
Inc											
* Central Storage *	-	661,128	1,104,651	-	637,123	-	-	1,131	11,543	-	3,907
Arthur Kill (NY)	-	-	-	-	-	-	-	-	-	-	2,847
Astoria (NY)	-	207,827	-	-	-	-	-	363	-	-	18
Buchanan (NY)	-	159,207	421,856	-	-	-	-	274	4,476	-	274
East River (NY)	-	477	-	-	-	-	-	2	-	-	4
Gowanus (NY)	-	79,065	53,429	-	-	-	-	153	644	-	260
Hudson Avenue (NY)	-	1,077	-	-	-	-	-	3	-	-	73
Indian Point (NY)	-	29,242	-	-	-	-	-	37	-	-	241
Kent Avenue (NY)	-	40	-	-	637,123	-	-	-	-	-	1
Narrows (NY)	-	-	-	-	-	-	-	-	-	-	-
Ravenswood (NY)	-	45	4,713	-	-	-	-	-	79	-	93
Waterside (NY)	-	163,800	565,571	-	-	-	-	263	5,656	-	74
59Th Street (NY)	-	4,792	59,082	-	-	-	-	9	688	-	1
74Th Street (NY)	-	424	-	-	-	-	-	3	-	-	19
	-	15,132	-	-	-	-	-	24	-	-	3
Consolidated Water Power											
Company											
Blron (WI)	-	-	-	8,140	-	-	-	-	-	-	-
Du Bay (WI)	-	-	-	1,821	-	-	-	-	-	-	-
Stevens Point (WI)	-	-	-	2,930	-	-	-	-	-	-	-
Wisconsin Rapids (WI)	-	-	-	1,827	-	-	-	-	-	-	-
Wisconsin River Di (WI)	-	-	-	1,562	-	-	-	-	-	-	-
Consumers Power Company											
Alcona (MI)	1,418,385	24,851	3,466	-36,030	465,529	-	567	62	52	680	324
Allegan Dam (MI)	-	-	-	1,992	-	-	-	-	-	-	-
Big Rock Point (MI)	-	-	-	1,088	-	-	-	-	-	-	-
Campbell, J H (MI)	-	-	-	-	25,724	-	-	-	-	-	-
Cobb, B C (MI)	721,160	2,283	-	-	-	-	277	4	-	323	7
Cooke (MI)	86,704	93	-	-	-	-	39	-	-	213	-
Croton (MI)	-	-	-	1,800	-	-	-	-	-	-	-
Five Channels (MI)	-	-	-	3,034	-	-	-	-	-	-	-
Footo (MI)	-	-	-	1,685	-	-	-	-	-	-	-
Gaylord (MI)	-	-	1,919	2,154	-	-	-	-	-	-	-
Hardy (MI)	-	-	-	-	-	-	-	-	23	-	-
Hodenpyl (MI)	-	-	-	7,054	-	-	-	-	-	-	-
Karn, D E (MI)	-	-	-	3,348	-	-	-	-	-	-	-
Loud (MI)	276,656	22,231	-	-	-	-	109	58	-	53	314
Ludington (MI)	-	-	-	1,303	-	-	-	-	-	-	-
Mio (MI)	-	-	-	-68,674	-	-	-	-	-	-	-
	-	-	-	1,029	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	273	-	-	-	-	-	1	-	-
Palisades (MI)	-	-	-	-	439,805	-	-	-	-	-	-
Rogers (MI)	-	-	-	2,448	-	-	-	-	-	-	-
Straits (MI)	-	-	297	-	-	-	-	-	9	-	-
Thetford (MI)	-	-	919	-	-	-	-	-	19	-	-
Tippy, C W (MI)	-	-	-	5,044	-	-	-	-	-	-	-
Weadock, J C (MI)	166,555	149	58	-	-	-	71	*	1	50	-
Webber (MI)	-	-	-	665	-	-	-	-	-	-	-
Whiting, J R (MI)	167,310	95	-	-	-	-	71	*	-	42	3
Cool Water C G Program	-	-	-	-	-	-	-	-	-	-	-
Cool Water IGCC (CA)	-	-	-	-	-	-	-	-	-	-	-
Coon Rapids Mun Utilities	-	9	-	-	-	-	-	*	-	-	*
Coon Rapids (IA)	-	9	-	-	-	-	-	*	-	-	*
Cooperative Power Association ..	657,838	436	-	-	-	-	590	1	-	1,045	23
Bonifacius (MN)	-	270	-	-	-	-	-	1	-	-	3
Coal Creek (ND)	657,838	166	-	-	-	-	590	1	-	1,045	19
Copper Valley Electric Assn, Inc.	-	-50	-	4,926	-	-	-	*	-	-	1
Glennallen (AK)	-	-4	-	-	-	-	-	*	-	-	1
Valdez (AK)	-	-	-	4,926	-	-	-	-	-	-	-
Valdez (AK)	-	-46	-	-	-	-	-	-	-	-	*
Cordova City Of	-	2,200	-	-	-	-	-	4	-	-	1
Cordova (AK)	-	2,200	-	-	-	-	-	4	-	-	1
Ocean Dock (AK)	-	-	-	-	-	-	-	*	-	-	1
Corn Belt Power Coop	2,091	-	9	-	-	-	1	-	*	34	-
Humboldt (IA)	-30	-	-	-	-	-	-	-	-	18	-
Wisdom, Earl F (IA)	2,121	-	9	-	-	-	1	-	*	16	-
Corning Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Corning (IA)	-	-	-	-	-	-	-	-	-	-	-
Craig-Botetourt Electric Coop	-	-	-	65	-	-	-	-	-	-	-
New Castle (VA)	-	-	-	65	-	-	-	-	-	-	-
Crawfordsville Elec Lt & Pwr Util	4,809	-	-	-	-	-	4	-	-	2	-
Crawfordsville (IN)	4,809	-	-	-	-	-	4	-	-	2	-
Crete City Of	-	140	637	-	-	-	-	*	7	-	*
Crete (NE)	-	140	637	-	-	-	-	*	7	-	*
Crisp County Power Commission	-86	-	-	1,592	-	-	*	-	1	3	-
Crisp (GA)	-86	-	-	-	-	-	*	-	1	3	-
Warwick (GA)	-	-	-	1,592	-	-	-	-	-	-	-
Crystal Falls City Of (Lt & Wtr)	-	-	-	206	-	-	-	-	-	-	-
Crystal Falls (MI)	-	-	-	206	-	-	-	-	-	-	-
Culpeper Town Of	-	71	12	-	-	-	-	*	*	-	1
Culpeper (VA)	-	71	12	-	-	-	-	*	*	-	1
Cumberland Municipal Utility	-	5	2	-	-	-	-	*	-	-	1
Cumberland (WI)	-	5	2	-	-	-	-	*	-	-	1
Curtis City Of	-	-	-	-	-	-	-	-	-	-	-
Curtis (NE)	-	-	-	-	-	-	-	-	-	-	-
Cushing City Of	-	320	4,255	-	-	-	-	1	48	-	1
Cushing (OK)	-	320	4,255	-	-	-	-	1	48	-	1
Dada City Of	-	-	-	-	-	-	-	-	-	-	*
Floydada (TX)	-	-	-	-	-	-	-	-	-	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	-	-	-	132	-	-	-	-	-	-	*
Gordon (WI)	-	-	-	44	-	-	-	-	-	-	*
Nancy (WI)	-	-	-	88	-	-	-	-	-	-	-
Solon Diesel (WI)	-	-	-	-	-	-	-	-	-	-	*
Dairyland Power Cooperative	331,390	878	-	3,067	-	-	195	1	-	1,180	6
Alma (WI)	52,930	60	-	-	-	-	28	*	-	154	*
Flambeau (WI)	-	-	-	3,067	-	-	-	-	-	-	-
Genoa (WI)	122,682	462	-	-	-	-	60	1	-	859	2
J P Madgett (WI)	153,038	68	-	-	-	-	106	*	-	136	4
Stoneman (WI)	2,740	86	-	-	-	-	2	*	-	32	*
Danville Water, Gas & Elec Dept .	-	-	-	2,577	-	-	-	-	-	-	-
Pinnacles (VA)	-	-	-	2,577	-	-	-	-	-	-	-
Dayton Light & Power	-	-	-	-	-	-	-	-	-	-	-
Dayton (IA)	-	-	-	-	-	-	-	-	-	-	-
Dayton Power & Light Company,											
The	1,781,532	1,260	2,056	-	-	-	743	2	24	1,458	34
Frank M Tait (OH)	-	19	-	-	-	-	-	*	-	-	2
Hutchings (OH)	36,737	-	1,628	-	-	-	17	-	17	62	1
Killen Station (OH)	415,323	479	-	-	-	-	166	1	-	306	21
Monument (OH)	-	65	-	-	-	-	-	*	-	-	1
Sidney (OH)	-	55	-	-	-	-	-	*	-	-	1
Stuart, J M (OH)	1,329,472	588	-	-	-	-	559	1	-	1,089	2
Yankee Street (OH)	-	54	428	-	-	-	-	*	7	-	7
Delano Municipal Power Plant	-	9	-	-	-	-	-	*	-	-	*
Delano (MN)	-	9	-	-	-	-	-	*	-	-	*
Delmarva Power & Light Co. Of											
Del	495,272	227,648	86,153	-	-	-	206	365	1,103	399	610
Bayview (VA)	-	664	-	-	-	-	-	1	-	-	2
Cape Charles (VA)	-	-	-	-	-	-	-	-	-	-	-
Christiana (DE)	-	1,291	-	-	-	-	-	4	-	-	17
Cristfield (MD)	-	477	-	-	-	-	-	1	-	-	2
Delaware City (DE)	-	27,570	19,062	-	-	-	-	2	420	-	-
Edge Moor (DE)	124,090	147,198	30,601	-	-	-	50	258	273	92	413
Hay Road (DE)	-	-	36,490	-	-	-	-	-	409	-	53
Indian River (DE)	371,182	2,378	-	-	-	-	156	5	-	307	10
Madison Street (DE)	-	19	-	-	-	-	-	*	-	-	3
Tasley (VA)	-	648	-	-	-	-	-	2	-	-	7
Vienna (MD)	-	47,135	-	-	-	-	-	92	-	-	102
West Substation (DE)	-	268	-	-	-	-	-	1	-	-	2
Delta City Of	-	1	9	-	-	-	-	*	*	-	*
Delta (CO)	-	1	9	-	-	-	-	*	*	-	*
Denison Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Denison (IA)	-	-	-	-	-	-	-	-	-	-	*
Denton Municipal Utilities	-	-	7,234	-	-	-	-	-	101	-	37
Spencer (TX)	-	-	7,234	-	-	-	-	-	101	-	37
Denver City & County Of	-	-	-	4,454	-	-	-	-	-	-	-
Blue River (CO)	-	-	-	583	-	-	-	-	-	-	-
Foothills (CO)	-	-	-	685	-	-	-	-	-	-	-
Roberts Tunnel (CO)	-	-	-	1,434	-	-	-	-	-	-	-
Strontia Sprgs (CO)	-	-	-	821	-	-	-	-	-	-	-
Williams Fork (CO)	-	-	-	931	-	-	-	-	-	-	-
Deseret Generating &											
Transmission	215,792	78	-	-	-	-	100	*	-	235	4
Bonanza (UT)	215,792	78	-	-	-	-	100	*	-	235	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, July 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)	-	9,061	231	-	-	-	-	15	2	-	119
Mistersky (MI)	-	9,061	231	-	-	-	-	15	2	-	119
Detroit Edison Company, The	3,830,201	14,071	17,589	-	478,539	-	1,799	33	1,390	5,258	650
* Central Storage *	-	-	-	-	-	-	-	-	-	2,344	-
Beacon Heating (MI)	-	-	2,711	-	-	-	-	-	12	9	5
Beile River (MI)	758,445	2,343	-	-	-	-	412	4	-	-	10
Colfax (MI)	-	25	-	-	-	-	-	-	-	-	-
Conners Creek (MI)	-	13	-	-	-	-	-	-	-	-	1
Dayton (MI)	-	11	-	-	-	-	-	-	-	-	-
Enrico Fermi (MI)	-	194	-	-	473,539	-	-	1	-	-	5
Greenwood (MI)	-	4,846	-	-	-	-	-	15	-	-	519
Hancock (MI)	-	-	484	-	-	-	-	-	9	-	-
Harbor Beach (MI)	11,484	153	-	-	-	-	5	-	-	14	-
Marysville (MI)	-	-	-	-	-	-	-	-	-	-	-
Monroe (MI)	1,787,673	2,935	-	-	-	-	753	5	-	958	9
Northeast (MI)	-	154	219	-	-	-	-	-	5	-	2
Oliv r (MI)	-	-	-	-	-	-	-	-	-	-	1
Placid (MI)	-	30	-	-	-	-	-	-	-	-	-
Putnam (MI)	-	46	-	-	-	-	-	-	-	-	1
River Rouge (MI)	245,353	12	13,004	-	-	-	99	-	1,361	44	1
Siocum (MI)	-	-4	-	-	-	-	-	-	-	-	1
St. Clair (MI)	745,167	3,063	351	-	-	-	411	5	4	1,766	83
Superior (MI)	-	145	-	-	-	-	-	1	-	-	2
Tranton Channel (MI)	281,499	59	-	-	-	-	118	-	-	123	10
Wilmott (MI)	-	43	-	-	-	-	-	-	-	-	1
Detroit Lakes City Of	-	-	-	-	-	-	-	-	-	-	-
Detroit Lakes (MN)	-	-	-	-	-	-	-	-	-	-	-
Don Jones	-	-	-	67	-	-	-	-	-	-	-
White River (SD)	-	-	-	67	-	-	-	-	-	-	-
Douglas County Pud No 1	-	-	-	412,141	-	-	-	-	-	-	-
Wells (WA)	-	-	-	412,141	-	-	-	-	-	-	-
Dover Elec Lt & Power Plant	5,883	3	-	-	-	-	4	-	-	-	-
Dover (OH)	5,883	3	-	-	-	-	4	-	-	-	-
Dover Electric Department	-	40,404	14,979	-	-	-	-	78	176	-	40
Mckee Run (DE)	-	40,404	14,979	-	-	-	-	78	176	-	40
Dowagiac Dept Of Public Service	-	61	67	-	-	-	-	-	1	-	-
Dowagiac (MI)	-	61	67	-	-	-	-	-	1	-	-
Duke Power Company	2,668,115	9,457	5,643	30,392	4,309,009	-	1,018	18	120	1,789	134
Allen (NC)	334,706	1,956	-	-	-	-	136	3	-	292	1
Belews Creek (NC)	676,701	3,246	-	-	-	-	253	4	-	793	5
Boyd's Mill (SC)	-	-	-	204	-	-	-	-	-	-	-
Bridgewater (NC)	-	-	-	2,265	-	-	-	-	-	-	-
Buck (NC)	42,105	277	1,956	-	-	-	18	1	40	23	15
Buzzard Roost (SC)	-	157	2,082	1,851	-	-	-	1	41	-	41
Catawba (NC)	-	-	-	-	823,834	-	-	-	-	-	-
Cedar Creek (SC)	-	-	-	4,999	-	-	-	-	-	-	-
Cliffside (NC)	240,557	77	-	-	-	-	95	-	-	136	2
Cowans Ford (NC)	-	-	-	5,911	-	-	-	-	-	-	-
Dan River (NC)	90,163	726	-	-	-	-	40	-	-	41	13
Dearborn (SC)	-	-	-	5,985	-	-	-	-	-	-	-
Fishing Creek (SC)	-	-	-	5,834	-	-	-	-	-	-	-
Gaston Shoals (SC)	-	-	-	2,269	-	-	-	-	-	-	-
Great Falls (SC)	-	-	-	81	-	-	-	-	-	-	-
Holidays Bridge (SC)	-	-	-	-	-	-	-	-	-	-	-
Idols (NC)	-	-	-	505	-	-	-	-	-	-	-
Jocassee (SC)	-	-	-	-42,475	-	-	-	-	-	-	-
Keowee (SC)	-	-	-	5,437	-	-	-	-	-	-	-
Lee (SC)	113,683	186	827	-	-	-	49	1	22	53	13
Lookout Shoals (NC)	-	-	-	5,658	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	1,084,217	2,625	-	-	-	-	392	3	-	411	7
Mc Guire (NC)	-	-	-	-	1,635,351	-	-	-	-	-	-
Mountain Island (NC)	-	-	-	4,344	-	-	-	-	-	-	-
Oconee (SC)	-	-	-	-	1,849,824	-	-	-	-	-	-
Oxford (NC)	-	-	-	6,278	-	-	-	-	-	-	-
Rhodhiss (NC)	-	-	-	3,553	-	-	-	-	-	-	-
Riverbend (NC)	83,903	207	707	-	-	-	36	1	16	39	26
Rocky Creek (SC)	-	-	-	99	-	-	-	-	-	-	-
Saluda (SC)	-	-	-	449	-	-	-	-	-	-	-
Spencer Mountain (NC)	-	-	-	284	-	-	-	-	-	-	-
Stice Shoals (NC)	-	-	-	107	-	-	-	-	-	-	-
Turner Shoals (NC)	-	-	-	868	-	-	-	-	-	-	-
Tuxedo (NC)	-	-	-	-3	-	-	-	-	-	-	-
Urquhart (SC)	-	-	71	-	-	-	-	-	2	-	5
Wateree (SC)	-	-	-	6,812	-	-	-	-	-	-	-
Wylke (SC)	-	-	-	4,695	-	-	-	-	-	-	-
99 Islands (SC)	-	-	-	4,382	-	-	-	-	-	-	-
Duquesne Light Company	515,348	-24	-	-	771,280	-	219	2	-	359	100
Beaver Valley (PA)	-	-	-	-	771,280	-	-	-	-	-	-
Brunot Island (PA)	-	-820	-	-	-	-	-	-	-	-	96
Chaswick (PA)	356,948	-	-	-	-	-	144	-	-	204	-
Cirama (PA)	158,400	796	-	-	-	-	75	1	-	155	4
Phillips, F (PA)	-	-	-	-	-	-	-	-	-	-	-
Durant Municipal Electric Plant	-	-36	-	-	-	-	-	-	-	-	*
Durant (IA)	-	-36	-	-	-	-	-	-	-	-	*
East Bay Mun Utility District	-	-	-	4,320	-	-	-	-	-	-	-
Camanche (CA)	-	-	-	-21	-	-	-	-	-	-	-
Pardee (CA)	-	-	-	4,341	-	-	-	-	-	-	-
East Kentucky Power											
Cooperative	579,443	568	-	-	-	-	247	1	-	508	9
Cooper (KY)	167,039	194	-	-	-	-	70	*	-	185	*
Dale (KY)	38,917	210	-	-	-	-	21	*	-	35	*
Spurlock, H L (KY)	373,487	164	-	-	-	-	156	*	-	288	9
Eastern Maine Elec Coop, Inc	-	-1	-	-	-	-	-	*	-	-	*
Portable (ME)	-	-	-	-	-	-	-	*	-	-	-
River Street (ME)	-	-1	-	-	-	-	-	*	-	-	*
Easton Utilities Commission, The	-	4,961	1,604	-	-	-	-	7	18	-	15
Easton (MD)	-	1,258	1,562	-	-	-	-	2	16	-	10
Easton No. 2 (MD)	-	3,703	42	-	-	-	-	4	*	-	5
Edison Sault Electric Co	-	5	-	15,463	-	-	-	*	-	-	*
Edison Sault (MI)	-	-	-	15,463	-	-	-	-	-	-	-
Manistique (MI)	-	5	-	-	-	-	-	*	-	-	*
Saint Ignace (MI)	-	-	-	-	-	-	-	-	-	-	-
Egegik Light & Power Company ..	-	115	-	-	-	-	-	*	-	-	-
Egegik (AK)	-	115	-	-	-	-	-	*	-	-	-
El Paso Electric Company	-	-	210,573	-	-	-	-	-	2,307	-	173
* Central Storage *	-	-	-	-	-	-	-	-	-	-	-
Copper (TX)	-	-	1,072	-	-	-	-	-	16	-	7
Newman (TX)	-	-	151,170	-	-	-	-	-	1,806	-	104
Rio Grande (NM)	-	-	58,331	-	-	-	-	-	684	-	63
Electra City Of	-	-	-	-	-	-	-	-	-	-	*
Electra (TX)	-	-	-	-	-	-	-	-	-	-	*
Electric Energy, Inc	553,349	524	-	-	-	-	255	1	-	507	1
Joppa Steam (IL)	553,349	524	-	-	-	-	255	1	-	507	1
Elk River Municipal Utilities	-	6	-	-	-	-	-	*	-	-	1
Elk River (MN)	-	6	-	-	-	-	-	*	-	-	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	82	-	-	-	-	*	7	-	-
Ellinwood (KS)	-	8	82	-	-	-	-	*	7	-	-
Elroy City Of	-	-13	-	-	-	-	-	*	-	-	*
Elroy (WI)	-	-13	-	-	-	-	-	*	-	-	*
Emerson Light & Power Plant	-	21	39	-	-	-	-	*	*	-	*
Emerson (NE)	-	21	39	-	-	-	-	*	*	-	*
Empire District Electric Co	112,835	424	18,461	448	-	-	64	1	276	103	50
Asbury (MO)	80,626	39	-	-	-	-	45	*	-	48	1
Energy Center (MO)	-	385	-	-	-	-	-	1	-	-	25
Ozark Beach (MO)	-	-	-	448	-	-	-	-	-	-	-
Riverton (KS)	32,209	-	18,461	-	-	-	19	-	276	55	24
Enosburg Falls Inc Village Of	-	4	-	328	-	-	-	*	-	-	*
Diesel Plt (VT)	-	4	-	-	-	-	-	*	-	-	*
Kendall (VT)	-	-	-	1	-	-	-	-	-	-	-
Village Plt (VT)	-	-	-	327	-	-	-	-	-	-	-
Ephraim City Corporation	-	-	-	452	-	-	-	-	-	-	-
No. 1 (UT)	-	-	-	-	-	-	-	-	-	-	-
No. 3 (UT)	-	-	-	409	-	-	-	-	-	-	-
No.4 (UT)	-	-	-	43	-	-	-	-	-	-	-
Erda - Los Alamos Area Of	-	-	316	-	-	-	-	-	2	-	5
Ta-3 (NM)	-	-	316	-	-	-	-	-	2	-	5
Erie Water & Light	-	-	-	-	-	-	-	-	-	-	-
Erie (KS)	-	-	-	-	-	-	-	-	-	-	-
Escondido Mutual Wtr Co	-	-	-	465	-	-	-	-	-	-	-
Bear Valley (CA)	-	-	-	409	-	-	-	-	-	-	-
Rincon Pwr (CA)	-	-	-	56	-	-	-	-	-	-	-
Esterville City Of	-	-	-	-	-	-	-	-	-	-	2
Esterville (IA)	-	-	-	-	-	-	-	-	-	-	2
Eugene City Of	-	-	-	28,765	-	-	-	-	-	-	-
Carmen (OR)	-	-	-	17,045	-	-	-	-	-	-	-
Leaburg (OR)	-	-	-	7,225	-	-	-	-	-	-	-
Walterville (OR)	-	-	-	4,495	-	-	-	-	-	-	-
Willamette (OR)	-	-	-	-	-	-	-	-	-	-	-
Fairbanks Mun Utilities System	11,452	-	-	-	-	-	11	-	-	2	3
Chena (AK)	11,452	-	-	-	-	-	11	-	-	2	3
Fairbury Light & Water Dept	-	-	603	-	-	-	-	-	14	-	*
Fairbury (NE)	-	-	603	-	-	-	-	-	14	-	*
Fairfax Mun Pwr Plant	-	-	-	-	-	-	-	-	-	-	-
Fairfax (MN)	-	-	-	-	-	-	-	-	-	-	-
Fairfield Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Fairfield (IL)	-	-	-	-	-	-	-	-	-	-	-
Fairmont Pub Util Comm	73	47	1,915	-	-	-	*	*	34	2	1
Fairmont (MN)	73	47	1,915	-	-	-	*	*	34	2	1
Fairview Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Fairview (OK)	-	-	-	-	-	-	-	-	-	-	-
Fall River Rural Elec Coop	-	-	-	-	-	-	-	-	-	-	-
New Felt (ID)	-	-	-	-	-	-	-	-	-	-	-
Falls City Water & Light Dept	-	8	38	-	-	-	-	*	*	-	*
Falls City (NE)	-	8	38	-	-	-	-	*	*	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	-	1	16	-	-	-	-	*	*	-	*
Farmer City (IL)	-	1	16	-	-	-	-	*	*	-	*
Farmington City Of	-	-	5,373	7,919	-	-	-	-	69	-	-
Animas (NM)	-	-	5,373	-	-	-	-	-	69	-	-
Navajo (NM)	-	-	-	7,919	-	-	-	-	-	-	-
Farmington River Pwr Co	-	-	-	1,285	-	-	-	-	-	-	-
Rainbow (CT)	-	-	-	1,285	-	-	-	-	-	-	-
Fayette Water & Light Plant	-	167	-	-	-	-	-	*	-	-	*
Fayette (MO)	-	167	-	-	-	-	-	*	-	-	*
Fayetteville, Pub Works Comm											
Of	-	4	28,426	-	-	-	-	*	347	-	93
Pod #2 (NC)	-	4	28,426	-	-	-	-	*	347	-	93
Felt River Rural Elec Coop	-	5	-	-	-	-	-	*	-	-	*
Tipton (IA)	-	5	-	-	-	-	-	*	-	-	*
Fennimore Municipal Utilities	-	-	-	-	-	-	-	*	-	-	*
Fennimore (WI)	-	-	-	-	-	-	-	*	-	-	*
Fishers Is Elec Corp (the)	-	-	-	-	-	-	-	-	-	-	-
Fishers Isl (NY)	-	-	-	-	-	-	-	-	-	-	-
Fitchburg Gas & Elec Light Co	-	36	91	-	-	-	-	*	2	-	3
Fitchburg (MA)	-	36	91	-	-	-	-	*	2	-	3
Florida Keys Elec Coop Assn Inc											
Marathon (FL)	-	1,855	-	-	-	-	-	3	-	-	3
Marathon (FL)	-	1,855	-	-	-	-	-	3	-	-	3
Florida Power & Light Company ..	-	2,342,093	1,096,332	-	1,430,889	-	-	3,666	11,738	-	4,101
Cape Canaveral (FL)	-	118,493	85,228	-	-	-	-	183	874	-	431
Cutler (FL)	-	-	17,942	-	-	-	-	-	246	-	-
Fort Meyers (FL)	-	294,268	-	-	-	-	-	453	-	-	546
Lauderdale (FL)	-	3,741	77,616	-	-	-	-	10	1,076	-	110
Manatee (FL)	-	653,588	-	-	-	-	-	1,031	-	-	1,001
Martin (FL)	-	308,653	258,987	-	-	-	-	492	2,697	-	635
Port Everglades (FL)	-	442,076	176,222	-	-	-	-	670	1,881	-	398
Putnam (FL)	-	204	125,033	-	-	-	-	*	1,208	-	38
Riviera (FL)	-	69,970	185,019	-	-	-	-	111	1,977	-	333
Sanford (FL)	-	249,782	41,322	-	-	-	-	401	447	-	403
St. Lucie (FL)	-	-	-	-	670,579	-	-	-	-	-	-
Turkey Point (FL)	-	201,318	128,963	-	760,310	-	-	314	1,333	-	205
Florida Power Corporation	1,420,435	672,402	47,831	-	575,232	-	546	1,130	581	902	1,516
* Central Storage *	-	-	-	-	-	-	-	-	-	-	438
Anclote (FL)	-	376,459	-	-	-	-	-	602	-	-	344
Avon Park (FL)	-	-	-	-	-	-	-	-	-	-	-
Bartow, P L (FL)	-	216,184	-	-	-	-	-	356	-	-	182
Bayboro (FL)	-	844	-	-	-	-	-	14	-	-	35
Crystal River (FL)	1,420,435	1,313	-	-	575,232	-	546	11	-	902	16
Debarry (FL)	-	10,463	-	-	-	-	-	28	-	-	57
Higgins (FL)	-	20,373	-	-	-	-	-	40	-	-	85
Intercession City (FL)	-	7,715	-	-	-	-	-	19	-	-	132
Port St. Joe (FL)	-	-	-	-	-	-	-	-	-	-	-
Rio Pinar (FL)	-	-	-	-	-	-	-	-	-	-	-
Suwannee River (FL)	-	13,736	26,905	-	-	-	-	32	333	-	112
Turner, G E (FL)	-	13,315	20,926	-	-	-	-	28	248	-	114
Florida Public Utilities Co	-	-	-	-	-	-	-	-	-	-	-
Blue Springs (FL)	-	-	-	-	-	-	-	-	-	-	-
Forest City Municipal Utilities	-	-13	-	-	-	-	-	*	-	-	5
Forest City (IA)	-	-13	-	-	-	-	-	*	-	-	5
Fort Bend Utilities Company Inc ..	-	-	2,121	-	-	-	-	-	147	-	-
Fort Bend (TX)	-	-	2,121	-	-	-	-	-	147	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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)
Fort Pierce Utilities Authority	-	17	33,700	-	-	-	-	*	393	-	31
King (FL)	-	17	33,700	-	-	-	-	*	393	-	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	-	4	-	-	-	-	-	*	*	-	*
Freeburg (IL)	-	4	-	-	-	-	-	*	*	-	*
Freeport Electric Power System ..	-	1,879	-	-	-	-	-	5	-	-	18
Plant No 1 (NY)	-	394	-	-	-	-	-	1	-	-	1
Plant No 2 (NY)	-	1,485	-	-	-	-	-	3	-	-	17
Fremont Dept Of Utilities	27,536	-	505	-	-	-	19	-	6	23	2
Fremont No 2 (NE)	27,536	-	505	-	-	-	19	-	6	23	2
Fulton City Of	-	4	65	-	-	-	-	*	2	-	1
Fulton (MO)	-	4	65	-	-	-	-	*	2	-	1
Gainesville-Alachua County	102,375	477	57,110	-	-	-	47	1	613	111	73
Deerhaven (FL)	102,375	59	45,234	-	-	-	47	*	438	111	41
Kelly, J R (FL)	-	424	11,876	-	-	-	-	1	175	-	32
Gallatin Light & Water Works	-	-	-	-	-	-	-	-	-	-	-
Gallatin (MO)	-	-	-	-	-	-	-	-	-	-	-
Garkane Power Assn, Inc	-	-	-	1,482	-	-	-	-	-	-	-
Boulder (UT)	-	-	-	1,482	-	-	-	-	-	-	-
Garland City Of	-	-	106,162	-	-	-	-	-	1,158	-	184
Newman, C E (TX)	-	-	1,341	-	-	-	-	-	22	-	20
Olinger, Ray (TX)	-	-	104,821	-	-	-	-	-	1,136	-	164
Garnett City Of	-	7	72	-	-	-	-	*	10	-	1
Garnett (KS)	-	7	72	-	-	-	-	*	10	-	1
Geneseo Municipal Utilities	-	19	47	-	-	-	-	*	1	-	*
Geneseo (IL)	-	19	47	-	-	-	-	*	1	-	*
Georgia Power Co (SC)	6,737,927	22,362	3,367	120,873	2,346,252	-	2,740	49	83	5,979	424
Arkwright (GA)	65,017	59	412	-	-	-	35	*	7	74	3
Atkinson (GA)	-	36	2,174	-	-	-	-	*	63	-	117
Barnett Shoals (GA)	-	-	-	607	-	-	-	-	-	-	-
Bartlett Ferry (GA)	-	-	-	27,442	-	-	-	-	-	-	-
Bowen (GA)	2,008,777	1,504	-	-	-	-	796	2	-	1,804	13
Burton (GA)	-	-	-	1,152	-	-	-	-	-	-	-
Estatoah (GA)	-	-	-	105	-	-	-	-	-	-	-
Flint River (GA)	-	-	-	1,085	-	-	-	-	-	-	-
Goat Rock (GA)	-	-	-	0,567	-	-	-	-	-	-	-
Hammond (GA)	458,614	467	-	-	-	-	184	1	-	331	3
Harlee Branch (GA)	975,592	372	-	-	-	-	380	*	-	884	4
Hatch, Edwin I. (GA)	-	-	-	-	1,103,900	-	-	-	-	-	-
Langdale (GA)	-	-	-	378	-	-	-	-	-	-	-
Lloyd Shoals (GA)	-	-	-	2,974	-	-	-	-	-	-	-
McDonough, J (GA)	323,410	5	781	-	-	-	126	*	13	237	-
Mcmanus (GA)	-	13,194	-	-	-	-	-	31	-	-	112
Mitchell, W (GA)	101,292	1,138	-	-	-	-	44	3	-	77	33
Morgan Falls (GA)	-	-	-	5,212	-	-	-	-	-	-	-
Nacoochee (GA)	-	-	-	689	-	-	-	-	-	-	-
North Highlands (GA)	-	-	-	8,583	-	-	-	-	-	-	-
Oliver Dam (GA)	-	-	-	14,520	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	141	-	-	-	-	-	-	-
Scherer (GA)	1,128,630	2,429	-	-	-	-	449	3	-	1,347	15
Sinclair Dam (GA)	-	-	-	3,137	-	-	-	-	-	-	-
Tallulah Falls (GA)	-	-	-	7,866	-	-	-	-	-	-	-
Terrora (GA)	-	-	-	2,586	-	-	-	-	-	-	-
Tugalo (GA)	-	-	-	5,088	-	-	-	-	-	-	-
Vogtle (GA)	-	-	-	-	1,242,352	-	-	-	-	-	-
Wallace Dam (GA)	-	-	-	26,024	-	-	-	-	-	-	-
Wansley (GA)	992,413	746	-	-	-	-	433	2	-	680	30
Wilson (GA)	-	1,968	-	-	-	-	-	6	-	-	92
Yates (GA)	683,982	444	-	-	-	-	292	1	-	546	3
Yonah (GA)	-	-	-	2,717	-	-	-	-	-	-	-
Gilman Brothers Co	-	-	-	-	-	-	-	-	-	-	-
Gilman (CT)	-	-	-	-	-	-	-	-	-	-	-
Girard City Of	-	-	-	-	-	-	-	-	-	-	-
Girard (KS)	-	-	-	-	-	-	-	-	-	-	-
Glencoe Mun Electric Plant	-	176	92	-	-	-	-	*	1	-	2
Glencoe (MN)	-	176	92	-	-	-	-	*	1	-	2
Glendale Public Service Dept	-	21	25,105	-	-	-	-	*	311	-	71
Grayson (CA)	-	21	25,105	-	-	-	-	*	311	-	71
SCAMPP (CA)	-	-	-	-	-	-	-	-	-	-	-
Golden Valley Elec Assn, Inc	17,429	5,982	-	-	-	-	15	14	-	*	31
Fairbanks (AK)	-	291	-	-	-	-	-	1	-	-	5
Healy (AK)	17,429	58	-	-	-	-	15	*	-	*	*
North Pole (AK)	-	5,633	-	-	-	-	-	13	-	-	26
Goodland Municipal Electric Dep	-	77	923	-	-	-	-	*	18	-	5
Goodland (KS)	-	77	923	-	-	-	-	*	18	-	5
Gouverneur Elec Plt	-	-	-	8	-	-	-	-	-	-	-
Gouverneur (NY)	-	-	-	8	-	-	-	-	-	-	-
Gowrie Light & Water Plant	-	-	-	-	-	-	-	*	-	-	*
Gowrie (IA)	-	-	-	-	-	-	-	*	-	-	*
Graettinger Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Graettinger (IA)	-	-	-	-	-	-	-	-	-	-	-
Grafton Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Grafton (ND)	-	-	-	-	-	-	-	-	-	-	-
Grand Haven Board Of Lt & Pwr	37,605	30	6	-	-	-	19	*	*	60	11
Harbor Avenue (MI)	-	30	6	-	-	-	-	*	*	-	11
J B Simms (MI)	37,605	-	-	-	-	-	19	-	-	60	-
Grand Island Water & Light Dept	42,673	-	1,570	-	-	-	30	-	20	54	57
Burdick, C W (NE)	-	-	1,570	-	-	-	-	-	20	-	57
Platte (NE)	42,673	-	-	-	-	-	30	-	-	54	-
Grand Junction Mun Lt Plant	-	-	-	-	-	-	-	-	-	-	*
Grand Junction (IA)	-	-	-	-	-	-	-	-	-	-	*
Grand Marais, Village Of	-	20	-	-	-	-	-	*	-	-	*
Grand Marais (MN)	-	20	-	-	-	-	-	*	-	-	*
Grand River Dam Authority	570,324	-	830	36,759	-	-	342	-	10	565	3
GRDA No 1 (OK)	570,324	-	830	-	-	-	342	-	10	565	3
Markham (OK)	-	-	-	13,547	-	-	-	-	-	-	-
Pensacola (OK)	-	-	-	27,192	-	-	-	-	-	-	-
Salina (OK)	-	-	-	-3,980	-	-	-	-	-	-	-
Granite Falls City Of	-	-	-	518	-	-	-	-	-	-	-
Granite Falls (MN)	-	-	-	518	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)
Grant County P U D No 2	-	-	-	955,589	-	-	-	-	-	-	-
Pec Hdws (WA)	-	-	-	2,272	-	-	-	-	-	-	-
Priest Rapids (WA)	-	-	-	501,460	-	-	-	-	-	-	-
Quincy Chut (WA)	-	-	-	6,259	-	-	-	-	-	-	-
Wanapum (WA)	-	-	-	445,578	-	-	-	-	-	-	-
Green Mountain Power Corporation	-	367	-	11,282	-	-	-	1	-	-	18
Berlin (VT)	-	332	-	-	-	-	-	1	-	-	15
Bolton Falls (VT)	-	-	-	2,209	-	-	-	-	-	-	-
Colchester (VT)	-	-	-	-	-	-	-	-	-	-	2
Essex Junction 19 (VT)	-	-	-	3,289	-	-	-	-	-	-	*
Gorge 18 (VT)	-	-	-	1,120	-	-	-	-	-	-	-
Marshfield 6 (VT)	-	-	-	644	-	-	-	-	-	-	-
Middlesex 2 (VT)	-	-	-	1,249	-	-	-	-	-	-	-
Vergennes 9 (VT)	-	35	-	678	-	-	-	*	-	-	1
Waterbury 22 (VT)	-	-	-	1,802	-	-	-	-	-	-	-
West Danville 15 (VT)	-	-	-	291	-	-	-	-	-	-	-
Greenfield Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Greenfield (IA)	-	-	-	-	-	-	-	-	-	-	*
Greenport Village Of	-	1	-	-	-	-	-	*	-	-	*
Greenport (NY)	-	1	-	-	-	-	-	*	-	-	*
Greensburg Mun Lt & Pwr	-	98	1,312	-	-	-	-	*	17	-	1
Greensburg (KS)	-	98	1,312	-	-	-	-	*	17	-	1
Greenville Electric Dept	-	-	11,053	-	-	-	-	-	142	-	22
Steam (TX)	-	-	-22	-	-	-	-	-	*	-	3
Steam (TX)	-	-	11,075	-	-	-	-	-	142	-	20
Greenwood Utilities Commission	-	-	2,821	-	-	-	-	-	50	5	8
Henderson (MS)	-	-	2,821	-	-	-	-	-	50	5	5
Wright (MS)	-	-	-	-	-	-	-	-	-	1	2
Gresham Mun Light Plant	-	-	-	337	-	-	-	-	-	-	-
Gresham (WI)	-	-	-	-	-	-	-	-	-	-	-
Lower Weed (WI)	-	-	-	183	-	-	-	-	-	-	-
Upper Weed (WI)	-	-	-	174	-	-	-	-	-	-	-
Grundy Center Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	*
Grundy Center (IA)	-	-	-	-	-	-	-	-	-	-	*
Guadalupe-Blanco River Auth	-	-	-	5,566	-	-	-	-	-	-	-
Abbott Tp 3 (TX)	-	-	-	690	-	-	-	-	-	-	-
Canyon (TX)	-	-	-	2,050	-	-	-	-	-	-	-
Dunlap Tp 1 (TX)	-	-	-	990	-	-	-	-	-	-	-
H-4 (TX)	-	-	-	590	-	-	-	-	-	-	-
H-5 (TX)	-	-	-	56	-	-	-	-	-	-	-
Nolte (TX)	-	-	-	550	-	-	-	-	-	-	-
Nolte (TX)	-	-	-	640	-	-	-	-	-	-	-
Gulf Power Co (SC)	672,928	990	12,580	-	-	-	306	2	118	1,005	10
Crist (FL)	422,617	450	12,580	-	-	-	194	1	118	708	3
Scholz (FL)	51,040	29	-	-	-	-	25	*	-	32	*
Smith (FL)	199,271	511	-	-	-	-	87	1	-	265	7
Gulf States Utilities Company	195,774	2,322	2,127,874	18,197	667,909	-	122	4	21,303	391	400
Lewis Creek (TX)	-	-	284,352	-	-	-	-	-	2,851	-	34
Louisiana 1 (LA)	-	-	125,660	-	-	-	-	-	1,167	-	-
Louisiana 2 (LA)	-	-	-	-	-	-	-	-	-	-	-
Neches (TX)	-	-	-	-	-	-	-	-	-	-	-
Nelson, R S (LA)	195,774	2,315	448,700	-	-	-	122	4	4,587	391	97
River Bend (LA)	-	-	-	-	667,909	-	-	-	-	-	-
Sabine (TX)	-	7	689,079	-	-	-	-	*	6,818	-	104
Toledo Bend (TX)	-	-	-	18,197	-	-	-	-	-	-	-
Willow Glen (LA)	-	-	580,083	-	-	-	-	-	5,887	-	164

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	-	18	-	-	-	-	-	*	-	-	*
Gwitchyaa Zhee (AK)	-	18	-	-	-	-	-	*	-	-	*
GPU Nuclear Corporation	-	-	-	-	933,971	-	-	-	-	-	-
Oyster Creek (NJ)	-	-	-	-	375,398	-	-	-	-	-	-
Three Mile Island (PA)	-	-	-	-	558,573	-	-	-	-	-	-
Hagerstown Mun Elec Lt Plant	-	-	-	-	-	-	-	-	-	-	-
Hagerstown (MD)	-	-	-	-	-	-	-	-	-	-	-
Haines Light And Power Company	-	685	-	-	-	-	-	1	-	-	-
Haines (AK)	-	685	-	-	-	-	-	1	-	-	-
Halstad Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Halstad (MN)	-	-	-	-	-	-	-	-	-	-	*
Hamilton City Of	22,317	14	572	21,840	-	-	11	*	9	27	3
Hamilton (OH)	22,317	14	572	-	-	-	11	*	9	27	3
Hamilton Hydro (OH)	-	-	-	-	-	-	-	-	-	-	-
Vanceburg Hydro (KY)	-	-	-	21,840	-	-	-	-	-	-	-
Hardwick Electric Department	-	2	-	390	-	-	-	*	-	-	*
Hardwick (VT)	-	2	-	-	-	-	-	*	-	-	*
Wolcott (VT)	-	-	-	390	-	-	-	-	-	-	-
Hart Hydro Electric Dept	-	-	-	57	-	-	-	-	-	-	*
Hart (MI)	-	-	-	-	-	-	-	-	-	-	*
Hart Hydro (MI)	-	-	-	57	-	-	-	-	-	-	-
Hartley City Of	-	-	-	-	-	-	-	-	-	-	-
Hartley (IA)	-	-	-	-	-	-	-	-	-	-	-
Hastings Utilities	26,093	21	-	-	-	-	18	*	-	60	6
Don Henry (NE)	-	2	-	-	-	-	-	*	-	-	1
Hastings (NE)	26,093	19	-	-	-	-	18	*	-	60	1
North Denver (NE)	-	-	-	-	-	-	-	-	-	-	4
Hawaii Electric Light Co, Inc	-	45,847	-	2,238	-	-	-	102	-	-	64
Kanoelehua (HI)	-	1,956	-	-	-	-	-	4	-	-	3
Keahole (HI)	-	7,365	-	-	-	-	-	16	-	-	7
Poholiki (HI)	-	-	-	-	-	-	-	-	-	-	-
Puna (HI)	-	10,034	-	-	-	-	-	26	-	-	10
Puuoe (HI)	-	-	-	1,593	-	-	-	-	-	-	-
Shipman (HI)	-	3,045	-	-	-	-	-	9	-	-	6
W. H. Hili (HI)	-	21,343	-	-	-	-	-	44	-	-	37
Waiau (HI)	-	-	-	645	-	-	-	-	-	-	-
Waimea (HI)	-	2,104	-	-	-	-	-	4	-	-	2
Hawaiian Electric Company, Inc ..	-	546,833	-	-	-	-	-	910	-	-	876
* Central Storage *	-	-	-	-	-	-	-	-	-	-	229
Honolulu (HI)	-	44,480	-	-	-	-	-	85	-	-	88
Kahe (HI)	-	328,511	-	-	-	-	-	519	-	-	307
Waiau (HI)	-	173,842	-	-	-	-	-	306	-	-	252
Hawarden City Of	-	-	-	-	-	-	-	-	-	-	-
Hawarden (IA)	-	-	-	-	-	-	-	-	-	-	-
Haxton City Of	-	-	-	-	-	-	-	-	-	-	-
Haxton (CO)	-	-	-	-	-	-	-	-	-	-	-
Heber Light & Power Plant	-	-	22	1,225	-	-	-	-	1	-	-
Gas Generation (UT)	-	-	22	-	-	-	-	-	1	-	-
Lake Creek (UT)	-	-	-	742	-	-	-	-	-	-	-
Snake Creek (UT)	-	-	-	483	-	-	-	-	-	-	-
Henderson Mun Pwr & Lt	6,298	-	-	-	-	-	4	*	-	4	*
Henderson (KY)	6,298	-	-	-	-	-	4	*	-	4	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	-	37	505	-	-	-	-	*	9	-	*
Herrington (KS)	-	37	505	-	-	-	-	*	9	-	*
Hetchy Hetchy Water & Power	-	-	-	129,952	-	-	-	-	-	-	-
Holm, Dion R (CA)	-	-	-	50,043	-	-	-	-	-	-	-
Kirkwood, Robert C (CA)	-	-	-	41,530	-	-	-	-	-	-	-
Moccasin (CA)	-	-	-	38,004	-	-	-	-	-	-	-
Moccasin Low (CA)	-	-	-	375	-	-	-	-	-	-	-
Hibbing Public Utilities Comm	1,687	-	151	-	-	-	4	-	10	1	-
Hibbing (MN)	1,687	-	151	-	-	-	4	-	10	1	-
Higginsville City Of	-	-	-	-	-	-	-	-	-	-	-
Higginsville (MO)	-	-	-	-	-	-	-	-	-	-	-
Highland City Of	-	7	74	-	-	-	-	*	1	-	1
Highland (IL)	-	7	74	-	-	-	-	*	1	-	1
Hill City City Of	-	2	-	-	-	-	-	*	*	-	*
Hill City (KS)	-	2	-	-	-	-	-	*	*	-	*
Hillsdale Board Of Public Works .	-	12	363	-	-	-	-	*	3	-	2
Hillsdale (MI)	-	12	363	-	-	-	-	*	3	-	2
Holington City Of	-	145	1,896	-	-	-	-	*	20	-	1
Holington (KS)	-	145	1,896	-	-	-	-	*	20	-	1
Holdrege City Of	-	4	-	-	-	-	-	*	-	-	*
Holdrege (NE)	-	4	-	-	-	-	-	*	-	-	*
Holland Board Of Public Works ...	18,780	84	13,391	-	-	-	10	*	145	6	2
James De Young (MI)	18,780	20	13,391	-	-	-	10	*	145	6	1
8Th Street (MI)	-	64	-	-	-	-	-	*	-	-	1
Holly Town Of	-	-	-	-	-	-	-	-	-	-	-
Holly (CO)	-	-	-	-	-	-	-	-	-	-	-
Holton City Of	-	62	728	-	-	-	-	*	9	-	*
Holton (KS)	-	62	728	-	-	-	-	*	9	-	*
Holyoke Gas & Elec Dept	-	36	211	68	-	-	-	*	10	-	23
Cabot-Holyoke (MA)	-	36	211	68	-	-	-	*	10	-	23
Holyoke Mun Pwr & Lt Plt	-	-	-	-	-	-	-	-	-	-	-
Holyoke (CO)	-	-	-	-	-	-	-	-	-	-	-
Holyoke Water Power Co (NU)	93,967	159	-	18,195	-	-	35	*	-	46	*
Boatlock (MA)	-	-	-	215	-	-	-	-	-	-	-
Chemical (MA)	-	-	-	-4	-	-	-	-	-	-	-
Hadley Falls (MA)	-	-	-	17,250	-	-	-	-	-	-	-
Holbrook, Beebe (MA)	-	-	-	28	-	-	-	-	-	-	-
Mt Tom (MA)	93,967	159	-	-	-	-	35	*	-	46	*
Riverside (MA)	-	-	-	691	-	-	-	-	-	-	-
Skinner (MA)	-	-	-	15	-	-	-	-	-	-	-
Homer Electric Assn, Inc	-	11	-	-	-	-	-	*	-	-	*
Seldovia (AK)	-	11	-	-	-	-	-	*	-	-	*
Hornstead City Of	-	992	11,475	-	-	-	-	2	151	-	7
G W Ivey (FL)	-	992	11,475	-	-	-	-	2	151	-	7
Hoosier Energy, Ind Statewide											
Rec	558,042	909	-	-	-	-	272	2	-	571	6
Merom (IN)	427,606	827	-	-	-	-	214	1	-	495	6
Ratts (IN)	130,436	82	-	-	-	-	59	*	-	76	*

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	-	-	-	-	-	-	-	-	-	-	*
Hopkinton (IA)	-	-	-	-	-	-	-	-	-	-	*
Houma Light & Water Plant	-	-23	21,675	-	-	-	-	-	281	-	6
Houma (LA)	-	-23	21,675	-	-	-	-	-	281	-	6
Houston Lighting & Power Co	2,350,117	2,741	2,647,901	-	1,319,742	-	1,263	5	27,010	-	893
* Central Storage	-	-	-	-	-	-	-	-	-	-	26
Bertron, Sam (TX)	-	23	126,778	-	-	-	-	*	1,526	-	196
Cedar Bayou (TX)	-	660	872,155	-	-	-	-	1	8,794	-	317
Clarke, Hiram (TX)	-	-	67	-	-	-	-	-	2	-	-
Deepwater (TX)	-	-	32,254	-	-	-	-	-	356	-	-
Greens Bayou (TX)	-	472	180,575	-	-	-	-	1	1,789	-	109
Limestone (TX)	859,681	1,426	21,928	-	-	-	324	3	223	-	37
Parish, W A (TX)	1,490,456	-	474,238	-	-	-	939	-	4,620	-	42
Robinson, P H (TX)	-	-	619,882	-	-	-	-	-	6,375	-	120
South Texas (TX)	-	-	-	-	1,319,742	-	-	-	-	-	-
Webster (TX)	-	-	117,956	-	-	-	-	-	1,263	-	-
Wharton, T H (TX)	-	160	202,068	-	-	-	-	*	2,061	-	47
Hudson Light & Power Dept	-	154	149	-	-	-	-	*	2	-	11
Cherry Street (MA)	-	154	149	-	-	-	-	*	2	-	11
Hughes Power & Light Company	-	8	-	-	-	-	-	*	-	-	3
Hughes (AK)	-	8	-	-	-	-	-	*	-	-	3
Hugoton City Of	-	296	2,531	-	-	-	-	1	26	-	1
Hugoton (KS)	-	28	297	-	-	-	-	*	4	-	*
Hugoton #2 (KS)	-	268	2,234	-	-	-	-	*	23	-	1
Hutchinson Utilities Comm	-	-	9,481	-	-	-	-	-	95	-	4
Plant No. 1 (MN)	-	-	9,481	-	-	-	-	-	95	-	1
Plant No. 2 (MN)	-	-	-	-	-	-	-	-	-	-	3
Hydro Dev Group Inc	-	-	-	5,262	-	-	-	-	-	-	-
#3 Mill (NY)	-	-	-	274	-	-	-	-	-	-	-
#6 Mill (NY)	-	-	-	285	-	-	-	-	-	-	-
Copenhagen (NY)	-	-	-	500	-	-	-	-	-	-	-
Dexter (NY)	-	-	-	1,218	-	-	-	-	-	-	-
Diamond Island (NY)	-	-	-	409	-	-	-	-	-	-	-
Fowler (NY)	-	-	-	421	-	-	-	-	-	-	-
Hallesboro (NY)	-	-	-	617	-	-	-	-	-	-	-
Pyrites (NY)	-	-	-	170	-	-	-	-	-	-	-
Pyrites #2 (NY)	-	-	-	1,258	-	-	-	-	-	-	-
Theresa (NY)	-	-	-	110	-	-	-	-	-	-	-
Hyrum City Corporation	-	-	-	172	-	-	-	-	-	-	-
Hyrum (UT)	-	-	-	172	-	-	-	-	-	-	-
I-N-N Electric Coop Inc	-	141	-	-	-	-	-	*	-	-	2
I-N-N Electric (AK)	-	141	-	-	-	-	-	*	-	-	2
Idaho Falls Elec Light Dept	-	-	-	29,095	-	-	-	-	-	-	-
City Power Plant (ID)	-	-	-	4,948	-	-	-	-	-	-	-
Gem State (ID)	-	-	-	14,083	-	-	-	-	-	-	-
Lower (ID)	-	-	-	272	-	-	-	-	-	-	-
Lower #1 (ID)	-	-	-	4,850	-	-	-	-	-	-	-
Upper Power Plant (ID)	-	-	-	4,942	-	-	-	-	-	-	-
Idaho Power Company	-	-	-	402,390	-	-	-	-	-	-	13
American Falls (ID)	-	-	-	51,511	-	-	-	-	-	-	-
Bliss (ID)	-	-	-	26,192	-	-	-	-	-	-	-
Brownlee (ID)	-	-	-	96,832	-	-	-	-	-	-	-
Cascade (ID)	-	-	-	3,463	-	-	-	-	-	-	-
Clear Lake (ID)	-	-	-	1,265	-	-	-	-	-	-	-
Hells Canyon (OR)	-	-	-	84,291	-	-	-	-	-	-	-
Lower Malad (ID)	-	-	-	9,387	-	-	-	-	-	-	-
Lower Salmon (ID)	-	-	-	17,158	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	39,531	-	-	-	-	-	-	-
Salmon (ID)	-	-	-	-	-	-	-	-	-	-	-
Shoshone Falls (ID)	-	-	-	8,058	-	-	-	-	-	-	-
Strike, C J (ID)	-	-	-	26,928	-	-	-	-	-	-	-
Swan Falls (ID)	-	-	-	6,234	-	-	-	-	-	-	-
Thousand Springs (ID)	-	-	-	3,720	-	-	-	-	-	-	-
Twin Falls (ID)	-	-	-	4,943	-	-	-	-	-	-	-
Upper Malad (ID)	-	-	-	5,121	-	-	-	-	-	-	-
Upper Salmon (ID)	-	-	-	8,765	-	-	-	-	-	-	-
Upper Salmon (ID)	-	-	-	8,991	-	-	-	-	-	-	-
Wood River (ID)	-	-	-	-	-	-	-	-	-	-	13
Illinois Power Company	1,067,482	11,176	27,977	-	237,052	-	511	19	262	541	168
Baldwin (IL)	619,661	405	-	-	-	-	294	1	-	258	6
Clinton (IL)	-	-	-	-	237,052	-	-	-	-	-	-
Havana (IL)	101,691	10,103	-	-	-	-	51	17	-	85	141
Hennepin (IL)	142,257	-	2,358	-	-	-	69	-	23	125	1
Oglesby (IL)	-	-	-	-	-	-	-	-	-	-	3
Stallings (IL)	-	-	266	-	-	-	-	-	6	-	6
Vermilion (IL)	63,463	302	-	-	-	-	34	1	-	31	1
Wood River (IL)	140,410	366	25,353	-	-	-	63	1	233	43	11
Imperial City Of	-	-	-	-	-	-	-	-	-	-	-
Imperial (NE)	-	-	-	-	-	-	-	-	-	-	-
Imperial Irrigation District	-	18,655	58,031	32,825	-	-	-	37	707	-	180
Brawley (CA)	-	22	-	-	-	-	-	-	-	-	6
Coachella (CA)	-	-	2,067	-	-	-	-	-	28	-	14
Double Weir (CA)	-	-	-	145	-	-	-	-	-	-	-
Drop No 1 (CA)	-	-	-	2,267	-	-	-	-	-	-	-
Drop No. 5 (CA)	-	-	-	1,434	-	-	-	-	-	-	-
Drop 2 (CA)	-	-	-	6,621	-	-	-	-	-	-	-
Drop 3 (CA)	-	-	-	6,193	-	-	-	-	-	-	-
Drop 4 (CA)	-	-	-	12,765	-	-	-	-	-	-	-
E Highline (CA)	-	-	-	671	-	-	-	-	-	-	-
El Centro (CA)	-	18,567	55,302	-	-	-	-	37	671	-	143
Pilot Knob (CA)	-	-	-	2,584	-	-	-	-	-	-	-
Rockwood (CA)	-	66	662	-	-	-	-	-	8	-	17
Turnip (CA)	-	-	-	145	-	-	-	-	-	-	-
Independence City Of	-	30	-	-	-	-	-	-	-	-	2
Independence (IA)	-	30	-	-	-	-	-	-	-	-	2
Independence City Of	23,616	676	4,029	-	-	-	14	2	59	43	9
Blue Valley (MO)	23,616	772	3,188	-	-	-	14	2	45	17	3
Jackson Square (MO)	-	13	-	-	-	-	-	-	-	-	2
Missouri City (MO)	-	-147	-	-	-	-	-	-	-	26	2
Station H (MO)	-	2	841	-	-	-	-	-	14	-	2
Station I (MO)	-	36	-	-	-	-	-	-	-	-	2
Indiana & Michigan Power Co											
(AEP)	2,075,078	7,845	-	8,278	705,725	-	1,141	15	-	2,597	46
Berrien Springs (MI)	-	-	-	2,370	-	-	-	-	-	-	-
Breed (IN)	167,007	254	-	-	-	-	83	-	-	307	1
Buchanan (MI)	-	-	-	1,779	-	-	-	-	-	-	-
Cook, Donald C. (MI)	-	-	-	-	705,725	-	-	-	-	-	-
Elkhart (IN)	-	-	-	1,637	-	-	-	-	-	-	-
Fourth Street (IN)	-	9	-	-	-	-	-	-	-	-	2
Rockport (IN)	1,453,849	5,969	-	-	-	-	868	12	-	1,780	35
Tanners Creek (IN)	454,222	1,613	-	-	-	-	190	2	-	509	9
Twin Branch (IN)	-	-	-	2,492	-	-	-	-	-	-	-
Indiana-Kentucky Electric Corp ..	853,462	178	-	-	-	-	392	-	-	570	3
Clifty Creek (IN)	853,462	178	-	-	-	-	392	-	-	570	3
Indianapolis Pwr & Lt Co	1,152,592	1,935	2,970	-	-	-	546	4	1	1,494	83
Perry K (IN)	1,150	-	2,970	-	-	-	3	-	1	7	3

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-58	-	-	-	-	-	-	-	-	4	5
Petersburg (IN)	880,609	545	-	-	-	-	412	1	-	1,031	9
Pritchard, H T (IN)	69,548	359	-	-	-	-	35	1	-	119	11
Stout, Elmer W (IN)	201,343	1,031	-	-	-	-	96	2	-	332	56
Indianola Mun Light & Pwr											
Indianola (IA)	-	-61	-4	-	-	-	-	*	*	-	14
Interstate Power Company	222,344	170	6,879	-	-	-	131	*	82	622	22
Dubuque (IA)	11,488	4	492	-	-	-	7	*	7	31	1
Fox Lake (MN)	16,968	-11	5,919	-	-	-	9	-	70	22	17
Hills (MN)	-	1	-	-	-	-	-	*	-	-	*
Kapp, M L (IA)	89,530	-	468	-	-	-	44	-	5	90	-
Lansing (IA)	104,358	146	-	-	-	-	71	*	-	480	2
Montgomery (MN)	-	36	-	-	-	-	-	*	-	-	2
New Albin (IA)	-	-2	-	-	-	-	-	-	-	-	*
Rushford (MN)	-	-4	-	-	-	-	-	*	-	-	*
Iola Electric System											
Iola (KS)	-	418	516	-	-	-	-	1	2	-	2
Iowa Electric Lt & Pwr Co	93,623	1,097	6,773	527	-2,453	1,677	59	3	93	239	18
Ames (IA)	-	-	-	-	-	-	-	-	-	-	2
Anamosa (IA)	-	-	-	49	-	-	-	-	-	-	-
Arnold, Duane (IA)	-	-	-	-	-2,453	-	-	-	-	-	-
Iowa Falls (IA)	-2	-	-	-3	-	-	-	-	-	-	-
Maquoketa (IA)	-	-	-	481	-	-	-	-	-	-	-
Marshalltown (IA)	-	960	-	-	-	-	-	2	-	-	13
Prairie Creek (IA)	53,918	137	3,673	-	-	-	28	*	42	128	1
Sutherland (IA)	33,003	-	1,709	-	-	-	25	-	22	109	-
6Th Street (IA)	6,704	-	1,391	-	-	1,677	7	-	30	2	2
Iowa Power & Light Co	280,965	1,189	5,208	-	-	-	185	3	83	507	33
* Central Storage *	-	-	-	-	-	-	-	-	-	-	-
Council Bluffs (IA)	280,965	429	526	-	-	-	185	1	6	507	13
Pleasant Hill (IA)	-	760	-	-	-	-	-	2	-	-	9
River Hills (IA)	-	-	3,150	-	-	-	-	-	53	-	4
Sycamore (IA)	-	-	1,532	-	-	-	-	-	24	-	8
Iowa Public Service Co	802,164	138	5,455	-	-	-	485	*	64	1,061	38
Electrifarm (IA)	-	-	2,903	-	-	-	-	-	36	-	16
Neal, George (IA)	802,164	138	2,461	-	-	-	485	*	26	1,061	14
Parr (IA)	-	-	91	-	-	-	-	-	1	-	7
Iowa Southern Utilities Co	438,523	482	-	-	-	-	278	1	-	725	21
Lurlington (IA)	61,492	458	-	-	-	-	35	1	-	208	1
Centerville (IA)	-	-14	-	-	-	-	-	-	-	-	*
Grinnell (IA)	-	-	-	-	-	-	-	-	-	-	-
Ottumwa (IA)	377,031	38	-	-	-	-	243	*	-	517	21
Iowa-Illinois Gas & Electric Co	336,697	1	3,399	1,880	-	-	209	*	40	543	16
Coralville (IA)	-	-	-40	-	-	-	-	-	-	-	*
Louisa (IA)	288,230	1	717	-	-	-	182	*	7	448	11
Manson (IA)	-	-	-	-	-	-	-	-	-	-	*
Moline (IL)	-	-	-49	1,680	-	-	-	-	-	-	5
Riverside (IA)	48,467	-	2,771	-	-	-	27	-	33	95	-
Ipswich Mun. Lt Dept											
Ipswich (MA)	-	541	548	-	-	-	-	1	6	-	1
Jackson Power & Light Dept											
Jackson (MO)	-	457	630	-	-	-	-	1	8	-	1
Jacksonville Electric Authority	900,881	277,661	29,080	-	-	-	346	473	299	407	1,109
Kennedy, J D (FL)	-	43,155	15,869	-	-	-	-	74	164	-	214
Northside (FL)	-	211,765	-	-	-	-	-	361	-	-	714
Southside (FL)	-	21,967	13,211	-	-	-	-	37	35	-	172
St. Johns River	900,881	774	-	-	-	-	346	1	-	407	3

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	16,138	53	-	-	-	-	9	*	-	2	*
Carlson, S A (NY)	16,138	53	-	-	-	-	9	*	-	2	*
Janesville Mun Utilities	-	29	53	-	-	-	-	*	1	-	*
Janesville (MN)	-	29	53	-	-	-	-	*	1	-	*
Jasper Mun Electric Utility	8,026	-	-	-	-	-	6	-	-	3	-
Jasper 2 (IN)	8,026	-	-	-	-	-	6	-	-	3	-
Jersey Central Power & Light Co (GPS)	-	118,498	102,023	-14,293	-	-	-	205	1,390	-	473
Forked River (NJ)	-	3,108	120	-	-	-	-	7	1	-	19
Gardner, Glen (NJ)	-	-	9,153	-	-	-	-	-	142	-	22
Gilbert (NJ)	-	40,129	62,086	-	-	-	-	45	823	-	223
Sayreville (NJ)	-	52,240	30,664	-	-	-	-	104	423	-	105
Werner (NJ)	-	23,021	-	-	-	-	-	48	-	-	105
Yards Creek (NJ)	-	-	-	-14,293	-	-	-	-	-	-	-
Jetmore City Of	-	-	-	-	-	-	-	-	-	-	*
Jetmore (KS)	-	-	-	-	-	-	-	-	-	-	*
Johnson City Of	-	52	385	-	-	-	-	*	5	-	*
Johnson (KS)	-	52	385	-	-	-	-	*	5	-	*
Julesburg City Of	-	-	-	-	-	-	-	-	-	-	*
Julesburg (CO)	-	-	-	-	-	-	-	-	-	-	*
Kahoka Municipal Power Plant	-	33	332	-	-	-	-	*	4	-	*
Kahoka (MO)	-	33	332	-	-	-	-	*	4	-	*
Kansas City Bd Of Pub Util	229,749	706	4,633	-	-	-	139	2	50	276	15
Kaw (KS)	10,906	72	1,258	-	-	-	7	*	17	29	*
Nearman Creek (KS)	133,581	192	-	-	-	-	92	*	-	162	3
Quindaro (KS)	85,262	442	3,375	-	-	-	41	1	33	86	12
Kansas City Power & Light Co	1,314,601	2,698	694	-	-	-	802	6	7	1,368	137
Grand Ave (MO)	-	-	-	-	-	-	-	-	-	-	-
Hawthorn (MO)	209,516	-	694	-	-	-	131	-	7	228	5
Iatan (MO)	393,930	276	-	-	-	-	235	1	-	341	10
La Cygne (KS)	554,825	1,669	-	-	-	-	327	3	-	498	17
Montrose (MO)	156,330	975	-	-	-	-	109	2	-	202	8
Northeast (MO)	-	-22	-	-	-	-	-	*	-	-	96
Kansas Gas & Electric Co	-	2,614	144,371	-	-	-	-	5	1,805	-	2
Evans, Gordon (KS)	-	2,358	78,598	-	-	-	-	4	878	-	81
Gill, Murray (KS)	-	256	65,773	-	-	-	-	*	728	-	205
Neosho (KS)	-	-	-	-	-	-	-	-	-	-	-
Kansas Power & Light Co	1,186,363	527	119,948	-	-	-	768	1	1,358	2,576	181
Abilene (KS)	-	-	3,328	-	-	-	-	-	51	-	16
Hutchinson (KS)	-	26	110,170	-	-	-	-	*	1,231	-	78
Jeffrey (KS)	879,070	496	-	-	-	-	603	1	-	2,102	53
Lawrence (KS)	198,367	-	4,037	-	-	-	108	-	46	341	15
Tecumseh (KS)	108,926	5	2,413	-	-	-	57	*	31	133	19
Kauai Electric Company	-	20,766	-	-	-	-	-	41	-	-	-
Port Allen (HI)	-	20,766	-	-	-	-	-	41	-	-	-
Kaukauna City Of	-	3	-	9,711	-	-	-	*	-	-	1
Combined Locks (WI)	-	-	-	2,326	-	-	-	-	-	-	-
Kaukauna (WI)	-	3	-	-	-	-	-	*	-	-	1
Kaukauna Hydro (WI)	-	-	-	2,553	-	-	-	-	-	-	-
Little Chute (WI)	-	-	-	1,544	-	-	-	-	-	-	-
New Badger (WI)	-	-	-	2,237	-	-	-	-	-	-	-
Old Badger (WI)	-	-	-	-	-	-	-	-	-	-	-
Rapide Croche (WI)	-	-	-	1,051	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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 ..	-	20	107	-	-	-	-	*	6	-	9
Kennett (MO)	-	20	107	-	-	-	-	*	6	-	9
Kentucky Power Co (AEP)	590,456	2,448	-	-	-	-	244	3	-	827	6
Big Sandy (KY)	590,456	2,448	-	-	-	-	244	3	-	827	6
Kentucky Utilities Company	1,220,752	900	-	927	-	-	529	4	-	1,641	37
Brown, E W (KY)	337,983	36	-	-	-	-	145	*	-	323	7
Dix Dam (KY)	-	-	-	283	-	-	-	-	-	-	-
Ghent (KY)	811,885	569	-	-	-	-	346	2	-	1,192	14
Green River (KY)	59,160	14	-	-	-	-	31	*	-	105	3
Haefling (KY)	-	261	-	-	-	-	-	1	-	-	9
Lock 7 (KY)	-	-	-	644	-	-	-	-	-	-	-
Pineville (KY)	3,660	1	-	-	-	-	2	*	-	5	*
Tyrone (KY)	8,064	19	-	-	-	-	4	*	-	17	5
Kenyon Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Kenyon (MN)	-	-	-	-	-	-	-	-	-	-	-
Ketchikan Public Utilities	-	58	-	10,087	-	-	-	*	-	-	5
Beaver Falls (AK)	-	-	-	3,575	-	-	-	-	-	-	-
Ketchikan (AK)	-	-	-	1,332	-	-	-	-	-	-	-
Ketchikan (AK)	-	73	-	-	-	-	-	*	-	-	5
Silvis (AK)	-	-	-	1,339	-	-	-	-	-	-	-
Swan Lake (AK)	-	-	-	3,841	-	-	-	-	-	-	-
Totem Blight (AK)	-	-15	-	-	-	-	-	-	-	-	*
Key West, City Of	-	6,901	-	-	-	-	-	17	-	-	69
Big Pine (FL)	-	-	-	-	-	-	-	-	-	-	1
Cudjoe (FL)	-	213	-	-	-	-	-	*	-	-	1
Key West (FL)	-	6,608	-	-	-	-	-	16	-	-	33
Stock Island (FL)	-	80	-	-	-	-	-	1	-	-	33
Kimball City Of	-	1	4	-	-	-	-	*	*	-	*
Kimball (NE)	-	1	4	-	-	-	-	*	*	-	*
Kimballton Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Kimballton (IA)	-	-	-	-	-	-	-	-	-	-	-
Kingfisher City Of	-	30	74	-	-	-	-	*	1	-	*
Kingfisher (OK)	-	30	74	-	-	-	-	*	1	-	*
Kingman City Of	-	330	3,876	-	-	-	-	1	47	-	1
Kingman (KS)	-	330	3,876	-	-	-	-	1	47	-	1
Kings River Construction Dist	-	-	-	21,984	-	-	-	-	-	-	-
Pine Flat (CA)	-	-	-	21,984	-	-	-	-	-	-	-
Kissimmee City Of	-	24	7,648	-	-	-	-	*	101	-	12
Kissimmee (FL)	-	24	7,648	-	-	-	-	*	101	-	12
Kodiak Electric Assn, Inc	-	89	-	9,954	-	-	-	*	-	-	1
Kodiak A (AK)	-	93	-	-	-	-	-	*	-	-	1
Port Lions (AK)	-	-4	-	-	-	-	-	*	-	-	*
Terror Lake (AK)	-	-	-	9,954	-	-	-	-	-	-	-
Kotzebue Electric Assn, Inc	-	1,284	-	-	-	-	-	2	-	-	37
Kotzebue (AK)	-	1,284	-	-	-	-	-	2	-	-	37
La Crosse City Of	-	-	-	-	-	-	-	-	-	-	-
Larned (KS)	-	-	-	-	-	-	-	-	-	-	-
La Junta Municipal Utilities	-	-166	-	-	-	-	-	*	*	-	4
La Junta (CO)	-	-166	-	-	-	-	-	*	*	-	4
La Plata Electric Assn, The	-	19	-	-	-	-	-	*	-	-	*
La Plata (MO)	-	19	-	-	-	-	-	*	-	-	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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 ..	-	7	-	-	-	-	-	*	-	-	*
La Porte (IA)	-	7	-	-	-	-	-	*	-	-	*
Lafayette Utility System	-	-	57,142	-	-	-	-	-	593	-	120
Doc Bonin (LA)	-	-	57,190	-	-	-	-	-	598	-	120
Rodemacher (LA)	-	-	-48	-	-	-	-	-	*	-	-
Lake Crystal Mun Utilities Co	-	-	6	-	-	-	-	*	*	-	*
Lake Crystal (MN)	-	-	6	-	-	-	-	*	*	-	*
Lake Lure Elec Pwr Facility	-	-	-	479	-	-	-	-	-	-	-
Lake Lure (NC)	-	-	-	479	-	-	-	-	-	-	-
Lake Mills Mun Light Plant	-	-30	-	-	-	-	-	-	-	-	*
Lake Mills (IA)	-	-30	-	-	-	-	-	-	-	-	*
Lake Park Mun Utilities	-	-	-	-	-	-	-	-	-	-	-
Lake Park (IA)	-	-	-	-	-	-	-	-	-	-	-
Lake Worth Utilities Authority	-	485	22,833	-	-	-	-	1	280	-	21
Smith, Tom G (FL)	-	485	22,833	-	-	-	-	1	280	-	21
Lakeland, Cty Of Dpt Of Elec & Wtr	212,295	4,940	22,162	-	-	-	90	10	272	100	221
Larsen Memorial (FL)	-	42	807	-	-	-	-	*	15	-	57
McIntosh, C D (FL)	212,295	4,898	21,375	-	-	-	90	10	257	100	164
Lamar Utilities Brd Of	-	-	8,802	-	-	-	-	-	137	-	6
Lamar (CO)	-	-	8,802	-	-	-	-	-	137	-	6
Lamoni Municipal Utilities	-	11	-	-	-	-	-	*	-	-	*
Lamoni (IA)	-	11	-	-	-	-	-	*	-	-	*
Lanesboro Public Utilities	-	-	-	-	-	-	-	-	-	-	-
Lanesboro (MN)	-	-	-	-	-	-	-	-	-	-	-
Lansing Board Of Wtr & Lt	214,841	658	-	56	-	-	92	2	-	219	1
Eckert Station (MI)	127,374	513	-	-	-	-	59	1	-	28	1
Erickson (MI)	86,795	12	-	-	-	-	33	*	-	181	*
Moore's Park (MI)	-	-	-	59	-	-	-	-	-	-	-
North Lansing (MI)	-	-	-	-3	-	-	-	-	-	-	-
Ottawa Street (MI)	672	133	-	-	-	-	*	*	-	11	*
Larned Mun Power Plant	-	4	387	-	-	-	-	*	5	-	4
Larned (KS)	-	-	-	-	-	-	-	-	-	-	-
Larned (KS)	-	4	387	-	-	-	-	*	5	-	4
Larsen Bay City Of	-	31	-	-	-	-	-	*	-	-	-
Larsen (AK)	-	31	-	-	-	-	-	*	-	-	-
Las Animas Mun Lt & Pwr	-	-22	-	-	-	-	-	*	*	-	*
Las Animas (CO)	-	-22	-	-	-	-	-	*	*	-	*
Laurel Mun Power Plant	-	-	-	-	-	-	-	-	-	-	*
Laurel (NE)	-	-	-	-	-	-	-	-	-	-	*
Laurens Mun Lt & Pwr Plant	-	-	-	-	-	-	-	-	-	-	-
Laurens (IA)	-	-	-	-	-	-	-	-	-	-	-
Le Sueur Municipal Utilities	-	-	-	-	-	-	-	*	-	-	1
Le Sueur (MN)	-	-	-	-	-	-	-	*	-	-	1
Lea County Elec Coop, Inc	-	-	-	-	-	-	-	-	-	-	-
North Lovington (NM)	-	-	-	-	-	-	-	-	-	-	-
Lebanon City Of	-	1	-	-	-	-	-	*	-	-	1
Lebanon (OH)	-	1	-	-	-	-	-	*	-	-	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)
Lenox Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Lenox (IA)	-	-	-	-	-	-	-	-	-	-	-
Lewes Board Of Public Works	-	-	-	-	-	-	-	-	-	-	-
Lewes (DE)	-	-	-	-	-	-	-	-	-	-	-
Lincoln City Of	-	225	120	-	-	-	-	0	1	-	0
Lincoln (KS)	-	225	120	-	-	-	-	0	1	-	0
Lincoln Electric Sys	-	-	282	-	-	-	-	-	5	-	18
Lincoln J Street (NE)	-	-	282	-	-	-	-	-	5	-	3
Rokeby (NE)	-	-	-	-	-	-	-	-	-	-	15
Lindsay Public Works Authority ..	-	-	-	-	-	-	-	-	-	-	0
Lindsay (OK)	-	-	-	-	-	-	-	-	-	-	0
Litchfield City Of	-	4	53	-	-	-	-	0	1	-	0
Litchfield (MN)	-	4	53	-	-	-	-	0	1	-	0
Livingston City Of	-	-	-	-	-	-	-	-	-	-	-
Livingston (MT)	-	-	-	-	-	-	-	-	-	-	-
Lockhart Power Company	-	-	-	4,440	-	-	-	-	-	-	-
Lockhart (SC)	-	-	-	4,440	-	-	-	-	-	-	-
Lodgepole City Of	-	-	-	-	-	-	-	-	-	-	-
Lodgepole (NE)	-	-	-	-	-	-	-	-	-	-	-
Logan City Municipal Elect Light	-	-	-	-	-	-	-	-	-	-	-
Plt	-	-11	-	1,799	-	-	-	0	-	-	2
Logan (UT)	-	-	-	447	-	-	-	-	-	-	-
Logan 2 (UT)	-	-	-	1,352	-	-	-	-	-	-	-
Logon Diesel (UT)	-	-11	-	-	-	-	-	0	-	-	2
Logansport Municipal Utilities	13,131	-	-	-	-	-	9	-	-	2	3
Logansport (IN)	13,131	-	-	-	-	-	9	-	-	2	3
Long Island Lighting Company	-	1,019,391	369,578	-	-	-	-	1,697	4,030	-	1,997
Barrett, E F (NY)	-	1,433	235,372	-	-	-	-	2	2,508	-	282
Brookhaven (NY)	-	26,368	-	-	-	-	-	55	-	-	35
East Hampton (NY)	-	2,587	-	-	-	-	-	5	-	-	3
Far Rockway (NY)	-	333	46,314	-	-	-	-	1	492	-	30
Glenwood (NY)	-	4,959	87,892	-	-	-	-	12	1,031	-	133
Holbrook (NY)	-	29,237	-	-	-	-	-	69	-	-	77
Montauk (NY)	-	510	-	-	-	-	-	1	-	-	0
Northport (NY)	-	757,251	-	-	-	-	-	1,216	-	-	1,024
Port Jefferson (NY)	-	193,735	-	-	-	-	-	328	-	-	376
Shoreham (NY)	-	367	-	-	-	-	-	1	-	-	22
Southampton (NY)	-	436	-	-	-	-	-	1	-	-	3
Southold (NY)	-	167	-	-	-	-	-	1	-	-	3
West Babylon (NY)	-	2,008	-	-	-	-	-	5	-	-	10
Longmont City Of	-	-	-	262	-	-	-	-	-	-	-
Longmont (CO)	-	-	-	262	-	-	-	-	-	-	-
Los Angeles Dept Of Water And	-	-	-	-	-	-	-	-	-	-	-
Power	1,088,327	10,430	571,975	30,149	-	1,377	443	18	6,092	1,191	1,931
Big Pine Creek (CA)	-	-	-	2,209	-	-	-	-	-	-	-
Castaic (CA)	-	-	-	1,352	-	-	-	-	-	-	-
Control Gorge (CA)	-	-	-	4,964	-	-	-	-	-	-	-
Coltonwood (CA)	-	-	-	257	-	-	-	-	-	-	-
Division Creek (CA)	-	-	-	250	-	-	-	-	-	-	-
Foothill (CA)	-	-	-	2,082	-	-	-	-	-	-	-
Franklin Canyon (CA)	-	-	-	1,179	-	-	-	-	-	-	-
Haiwee (CA)	-	-	-	669	-	-	-	-	-	-	-
Harbor (CA)	-	1	21,111	-	-	-	-	0	256	-	17
Haynes (CA)	-	5,970	324,625	-	-	-	-	10	3,330	-	1,106
Intermountain (UT)	1,088,327	1,900	-	-	-	-	443	3	-	1,191	11

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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)	-	-	-	4,983	-	-	-	-	-	-	-
Pleasant Valley (CA)	-	-	-	234	-	-	-	-	-	-	-
San Fernando (CA)	-	-	-	631	-	-	-	-	-	-	-
San Francisquito 1 (CA)	-	-	-	5,947	-	-	-	-	-	-	-
San Francisquito 2 (CA)	-	-	-	1,034	-	-	-	-	-	-	-
Sawtelle (CA)	-	-	-	47	-	-	-	-	-	-	-
Scattergood (CA)	-	2,549	160,500	-	-	1,377	-	5	1,717	-	381
Upper Gorge (CA)	-	-	-	4,311	-	-	-	-	-	-	-
Valley (CA)	-	-	65,739	-	-	-	-	-	789	-	416
Louisiana Power & Light Co (MSU)											
Buras (LA)	-	799	1,248,019	-	799,511	-	-	1	12,892	-	647
Little Gypsy (LA)	-	-	7	-	-	-	-	-	-	-	2
Monroe (LA)	-	-	379,104	-	-	-	-	-	3,880	-	113
Nine Mile Point (LA)	-	-	584,542	-	-	-	-	-	5,946	-	235
Sterlington (LA)	-	799	16,695	-	-	-	-	1	170	-	21
Thibodaux (LA)	-	-	-	-	-	-	-	-	-	-	-
Waterford (LA)	-	-	-	-	799,511	-	-	-	-	-	-
Waterford (LA)	-	-	268,671	-	-	-	-	-	2,897	-	276
Louisville Gas & Electric Co											
Cane Run (KY)	1,055,998	826	1,817	36,675	-	-	480	1	19	615	29
Mill Creek (KY)	262,798	-	853	-	-	-	126	-	9	89	2
Ohio Falls (KY)	793,200	826	809	-	-	-	353	1	7	494	27
Paddys Run (KY)	-	-	-	36,675	-	-	-	-	-	-	-
Trimble County (KY)	-	-	106	-	-	-	-	-	2	-	-
Waterside (KY)	-	-	21	-	-	-	-	-	-	32	-
Zorn (KY)	-	-	28	-	-	-	-	-	1	-	-
Lowell Light & Power											
Lowell (MI)	-	3	9	-	-	-	-	*	*	-	*
Lower Colorado River Authority											
Austin (TX)	991,866	842	163,512	43,348	-	-	422	1	1,712	2,759	188
Buchanan (TX)	-	-	-	4,872	-	-	-	-	-	-	-
Granite Shoals (TX)	-	-	-	7,587	-	-	-	-	-	-	-
Inks (TX)	-	-	-	7,505	-	-	-	-	-	-	-
Mansfield (TX)	-	-	-	3,473	-	-	-	-	-	-	-
Marble Falls (TX)	-	-	-	15,456	-	-	-	-	-	-	-
Sam K Seymour, Jr (TX)	991,866	842	-	4,655	-	-	422	1	-	2,759	8
Sim Gideon (TX)	-	-	88,904	-	-	-	-	-	953	-	95
T. C. Ferguson (TX)	-	-	74,608	-	-	-	-	-	760	-	85
Lower Valley Power & Light, Inc.											
Strawberry Creek (WY)	-	-	-	1,050	-	-	-	-	-	-	-
Lubbock City Of (Power & Light Dept)											
Holly Ave (TX)	-	-	57,609	-	-	-	-	-	686	-	10
LP&L Co GEN	-	-	49,290	-	-	-	-	-	675	-	10
Plant 2 (TX)	-	-	8,377	-	-	-	-	-	3	-	-
	-	-	-58	-	-	-	-	-	7	-	-
Luverne City Of											
Luverne (MN)	-	-	-	-	-	-	-	-	-	-	1
Lyndonville Electric Department											
Great Falls (VT)	-	-	-	832	-	-	-	-	-	-	-
Vail (VT)	-	-	-	612	-	-	-	-	-	-	-
	-	-	-	220	-	-	-	-	-	-	-
M & A Electric Power Cooperative											
Green Forest (MO)	-	-33	-	-	-	-	-	-	-	-	1
	-	-33	-	-	-	-	-	-	-	-	1
Macon Municipal Utilities											
Macon (MO)	-	22	-	-	-	-	-	*	*	-	*
	-	22	-	-	-	-	-	*	*	-	*

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	-	7	-	-	-	-	-	*	-	-	*
Madelia (MN)	-	7	-	-	-	-	-	*	-	-	*
Madison City Of	-	-	-	203	-	-	-	-	-	-	-
Norridgewick (ME)	-	-	-	203	-	-	-	-	-	-	-
Madison Gas & Electric Co	17,837	-	1,884	-	-	1,311	9	-	35	26	14
Blount Street (WI)	17,837	-	1,702	-	-	1,311	9	-	31	26	3
Fitchburg (WI)	-	-	106	-	-	-	-	-	2	-	5
Nine Springs (WI)	-	-	41	-	-	-	-	-	1	-	1
Sycamore (WI)	-	-	35	-	-	-	-	-	1	-	5
Madison Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Madison (MN)	-	-	-	-	-	-	-	-	-	-	-
Maine Public Service Co	-	-47	-	470	-	-	-	*	-	-	20
Canbou (ME)	-	-24	-	431	-	-	-	*	-	-	19
Flos Inn (ME)	-	-19	-	-	-	-	-	*	-	-	*
Houlton (ME)	-	-4	-	-	-	-	-	-	-	-	*
Squa Pan (ME)	-	-	-	39	-	-	-	-	-	-	-
Maine Yankee Atomic Power Company	-	-	-	-	579,726	-	-	-	-	-	-
Maine Yankee (ME)	-	-	-	-	579,726	-	-	-	-	-	-
Malden City Of	-	-	10	-	-	-	-	*	1	-	1
Malden (MO)	-	-	10	-	-	-	-	*	1	-	1
Mangum City Of	-	-	14	-	-	-	-	*	*	-	*
Mangum (OK)	-	-	14	-	-	-	-	*	*	-	*
Manilla Mun Service Dept	-	-	-	-	-	-	-	-	-	-	-
Manilla (IA)	-	-	-	-	-	-	-	-	-	-	-
Manitowoc Public Utilities	16,143	1	8	-	-	-	8	*	*	34	1
Manitowoc (WI)	16,143	1	8	-	-	-	8	*	*	34	1
Manley Utility Company Inc	-	19	-	-	-	-	-	*	-	-	*
Manley (AK)	-	19	-	-	-	-	-	*	-	-	*
Manning Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Manning (IA)	-	-	-	-	-	-	-	-	-	-	-
Manti City Corp Light & Power Dept	-	-	-	829	-	-	-	-	-	-	-
Lower (UT)	-	-	-	231	-	-	-	-	-	-	-
Manti (UT)	-	-	-	598	-	-	-	-	-	-	-
Maquoketa Mun Lt & Pwr	-	22	250	-	-	-	-	*	3	-	1
Maquoketa (IA)	-	22	250	-	-	-	-	*	3	-	1
Marblehead Municipal Light Dept	-	31	-	-	-	-	-	*	-	-	1
Commerce St 2 (MA)	-	5	-	-	-	-	-	*	-	-	*
Wilkins Station (MA)	-	26	-	-	-	-	-	*	-	-	*
Marquette Bd Of Lt & Pwr	18,454	41	-	918	-	-	13	*	-	57	5
Plant Four (MI)	-	-	-	-	-	-	-	-	-	-	5
Plant Two (MI)	-	-	-	726	-	-	-	-	-	-	-
Russell, Frank J (MI)	-	-	-	190	-	-	-	-	-	-	-
Shiras (MI)	18,454	41	-	-	-	-	13	*	-	57	1
Marshall City Wtr & Elec Works ..	-	6	23	132	-	-	-	*	*	-	*
Marshall (MI)	-	6	23	132	-	-	-	*	*	-	*
Marshall Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Marshall (MN)	-	-	-	-	-	-	-	-	-	-	-
Marshall Municipal Utilities	9,086	64	111	-	-	-	6	*	1	1	5
Marshall (MO)	9,086	64	111	-	-	-	6	*	1	1	5

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	3
Wildwood (WI)	-	-	-	-	-	-	-	-	-	7	3
Martinsville Electric Department ..	-	-	-	378	-	-	-	-	-	-	-
Martinsville (VA)	-	-	-	378	-	-	-	-	-	-	-
Mascoutah City Of (Pwr & Lt	-	77	28	-	-	-	-	*	*	-	1
Dept)	-	77	28	-	-	-	-	*	*	-	1
Mascoutah (IL)	-	77	28	-	-	-	-	*	*	-	1
Mass Mun Wholesale Electric	-	23,938	28,279	-	-	-	-	20	339	-	320
Company	-	23,938	28,279	-	-	-	-	20	339	-	320
Stonybrook (MA)	-	23,938	28,279	-	-	-	-	20	339	-	320
Maul Electric Co, Ltd	-	63,153	-	-	-	-	-	117	-	-	121
Cook (HI)	-	2,619	-	-	-	-	-	5	-	-	*
Kahului (HI)	-	22,534	-	-	-	-	-	49	-	-	68
Maalaea (HI)	-	38,000	-	-	-	-	-	64	-	-	53
Mcgrath Light & Power Co	-	243	-	-	-	-	-	*	-	-	4
Mcgrath (AK)	-	243	-	-	-	-	-	*	-	-	4
Mcgregor Municipal Utilities	-	3	-	-	-	-	-	*	-	-	*
Mc Gregor (IA)	-	3	-	-	-	-	-	*	-	-	*
Mcleansboro City Of	-	10	-	-	-	-	-	*	-	-	*
Mc Leansboro (IL)	-	10	-	-	-	-	-	*	-	-	*
Mcpherson Board Of Public Util ..	-	-	5,819	-	-	-	-	-	80	-	30
Plant No. 1 (KS)	-	-	236	-	-	-	-	-	5	-	1
Plant No. 2 (KS)	-	-	5,583	-	-	-	-	-	75	-	29
Meade City Of	-	134	1,178	-	-	-	-	*	12	-	*
Meade (KS)	-	134	1,178	-	-	-	-	*	12	-	*
Medina Electric Coop, Inc	-	-	-	-	-	-	-	-	-	-	21
Pearsall (TX)	-	-	-	-	-	-	-	-	-	-	21
Melrose Water, Lt & Pwr & Bldg	-	-	-	-	-	-	-	-	-	-	-
Comm	-	-	-	-	-	-	-	-	-	-	-
Melrose (MN)	-	-	-	-	-	-	-	-	-	-	-
Memphis Lt Gas & Wtr Division ..	-	35	-	-	-	-	-	*	-	-	*
Memphis (MO)	-	35	-	-	-	-	-	*	-	-	*
Menasha Electric & Water	5,829	-	-	-	-	-	3	-	-	1	-
Utilities	5,829	-	-	-	-	-	3	-	-	1	-
Menasha (WI)	5,829	-	-	-	-	-	3	-	-	1	-
Merced Irrigation District	-	-	-	21,578	-	-	-	-	-	-	-
Canal Creek (CA)	-	-	-	-	-	-	-	-	-	-	-
Exchequer (CA)	-	-	-	17,216	-	-	-	-	-	-	-
Fairfield (CA)	-	-	-	298	-	-	-	-	-	-	-
Mcswain (CA)	-	-	-	3,261	-	-	-	-	-	-	-
Parker (CA)	-	-	-	803	-	-	-	-	-	-	-
Merrillan Light & Water Dept	-	2	-	-	-	-	-	*	-	-	*
Merrillan (WI)	-	2	-	-	-	-	-	*	-	-	*
Metlakatla Power & Light	-	699	-	756	-	-	-	1	-	-	7
Centennial (AK)	-	705	-	-	-	-	-	1	-	-	7
Chester Lake (AK)	-	-	-	27	-	-	-	-	-	-	-
Fairbanks Morse (AK)	-	-6	-	-	-	-	-	-	-	-	*
Leffel Turbine (AK)	-	-	-	729	-	-	-	-	-	-	-
Metropolitan Edison Co (GPS)	264,870	6,320	6,036	14,009	-	-	105	13	105	218	41
Hamilton (PA)	-	560	-	-	-	-	-	1	-	-	3
Hunterstown (PA)	-	-	2,856	-	-	-	-	-	46	-	9

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	1,900	-	-	-	-	-	37	-	7
Ortanna (PA)	-	422	-	-	-	-	-	1	-	-	3
Portland (PA)	163,497	1,763	714	-	-	-	62	2	13	117	10
Shawnee (PA)	-	392	-	-	-	-	-	1	-	-	3
Titus (PA)	101,373	1,375	566	-	-	-	43	3	9	101	2
Tolna (PA)	-	1,808	-	-	-	-	-	5	-	-	5
Yorkhaven (PA)	-	-	-	14,009	-	-	-	-	-	-	-
Metropolitan Wtr Dist Of So Calif	-	-	-	36,479	-	-	-	-	-	-	-
Corona (CA)	-	-	-	1,944	-	-	-	-	-	-	-
Coyote Creek (CA)	-	-	-	1,389	-	-	-	-	-	-	-
Foothill Feeder (CA)	-	-	-	4,320	-	-	-	-	-	-	-
Greg Avenue (CA)	-	-	-	744	-	-	-	-	-	-	-
Lake Mathews (CA)	-	-	-	3,618	-	-	-	-	-	-	-
Perris (CA)	-	-	-	4,050	-	-	-	-	-	-	-
Red Mountain (CA)	-	-	-	2,946	-	-	-	-	-	-	-
Rio Hondo (CA)	-	-	-	866	-	-	-	-	-	-	-
San Dimas (CA)	-	-	-	7,191	-	-	-	-	-	-	-
Sepulv Cyn (CA)	-	-	-	5,208	-	-	-	-	-	-	-
Temescal (CA)	-	-	-	2,019	-	-	-	-	-	-	-
Valley View (CA)	-	-	-	-	-	-	-	-	-	-	-
Venice (CA)	-	-	-	-	-	-	-	-	-	-	-
Yorba Linda (CA)	-	-	-	2,184	-	-	-	-	-	-	-
Mich So Central Pwr Agency	19,881	166	-	-	-	-	12	*	-	75	7
Project I (MI)	19,881	166	-	-	-	-	12	*	-	75	7
Michigan Power Company (AEP)	-	-	-	1,126	-	-	-	-	-	-	-
Constantine (MI)	-	-	-	481	-	-	-	-	-	-	-
Mottville (MI)	-	-	-	645	-	-	-	-	-	-	-
Mid-State Service Company	-	-	-	173	-	-	-	-	-	-	-
Irving (MI)	-	-	-	173	-	-	-	-	-	-	-
Middleville (MI)	-	-	-	-	-	-	-	-	-	-	-
Midwest Energy Inc	-	-86	379	-	-	-	-	*	9	-	23
Atwood (KS)	-	-1	-	-	-	-	-	-	-	-	*
Bird City (KS)	-	-9	-	-	-	-	-	-	-	-	*
Colby (KS)	-	-1	-	-	-	-	-	-	-	-	6
Ellis (KS)	-	-5	-	-	-	-	-	-	-	-	1
Great Bend (KS)	-	-6	-	-	-	-	-	*	-	-	*
Hays (KS)	-	-39	-	-	-	-	-	-	-	-	5
Hoxie (KS)	-	-1	-	-	-	-	-	-	-	-	*
Ross Beach (KS)	-	-	379	-	-	-	-	-	9	-	11
Wakeney (KS)	-	-1	-	-	-	-	-	-	-	-	*
Milford Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Milford (IA)	-	-	-	-	-	-	-	-	-	-	-
Minden City Of	-	4	3	-	-	-	-	*	*	-	2
Minden (LA)	-	4	3	-	-	-	-	*	*	-	2
Minneapolis City Of	-	66	729	-	-	-	-	*	9	-	1
Minneapolis (KS)	-	66	729	-	-	-	-	*	9	-	1
Minnesota Power & Light Co	525,007	459	-	44,182	-	-	323	1	-	498	9
Aurora (MN)	3,165	19	-	-	-	-	3	*	-	78	*
Blanchard (MN)	-	-	-	7,120	-	-	-	-	-	-	-
Boswell, Clay (MN)	521,842	440	-	-	-	-	320	1	-	420	9
Fond Du Lac (MN)	-	-	-	4,814	-	-	-	-	-	-	-
Hibbard, M L (MN)	-	-	-	-	-	-	-	-	-	-	-
Knife Falls (MN)	-	-	-	868	-	-	-	-	-	-	-
Little Falls (MN)	-	-	-	3,053	-	-	-	-	-	-	-
Pillager (MN)	-	-	-	554	-	-	-	-	-	-	-
Prairie River (MN)	-	-	-	305	-	-	-	-	-	-	-
Scarion (MN)	-	-	-	832	-	-	-	-	-	-	-
Sylvan (MN)	-	-	-	609	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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)	-	-	-	23,020	-	-	-	-	-	-	-
Winton (MN)	-	-	-	3,007	-	-	-	-	-	-	-
Minnkota Power Coop, Inc	428,905	33	-	-	-	-	364	*	-	639	11
Grand Forks (ND)	-	-	-	-	-	-	-	-	-	-	-
Harwood (ND)	-	-	-	-	-	-	-	-	-	-	-
Hawley (MN)	-	-	-	-	-	-	-	-	-	-	-
Lerfeld (ND)	-	-	-	-	-	-	-	-	-	-	-
Young, Milton R (ND)	428,905	33	-	-	-	-	364	*	-	639	11
Mississippi Power & Light Co											
(MSU)	-	53,506	680,423	-	-	-	-	95	7,228	-	752
Andrus (MS)	-	4,502	288,381	-	-	-	-	7	2,882	-	378
Brown, Rex (MS)	-	465	91,327	-	-	-	-	1	1,009	-	40
Delta (MS)	-	-79	16,589	-	-	-	-	-	228	-	62
Natchez (MS)	-	-113	-	-	-	-	-	-	-	-	19
Wilson, B (MS)	-	48,731	284,126	-	-	-	-	88	3,109	-	253
Mississippi Power Co (SC)	989,018	1,485	209,925	-	-	-	401	3	2,892	619	80
Daniel, Victor J Jr. (MS)	505,374	363	-	-	-	-	205	-	-	322	3
Eaton (MS)	-	647	10,006	-	-	-	-	1	135	-	9
Standard Oil (MS)	-	-	41,719	-	-	-	-	-	1,043	-	-
Sweatt (MS)	-	475	12,896	-	-	-	-	1	203	-	36
Watson (MS)	483,644	-	145,304	-	-	-	196	-	1,510	296	32
Missouri Basin Mun Power											
Agency	-	-	-	-	-	-	-	-	-	-	-
Watertown (SD)	-	-	-	-	-	-	-	-	-	-	-
Missouri Public Service Co	209,118	155	2,433	-	-	-	96	2	34	203	76
Green, Ralph (MO)	-	-	2,454	-	-	-	-	-	34	-	-
Greenwood (MO)	-	-78	-	-	-	-	-	1	-	-	70
Kci (MO)	-	-	-21	-	-	-	-	-	-	-	-
Nevada (MO)	-	-10	-	-	-	-	-	-	-	-	5
Sibley (MO)	209,118	243	-	-	-	-	96	*	-	203	1
Modesto Irrigation Dist	-	56	2,868	149	-	-	-	*	42	-	14
McClure (CA)	-	56	2,868	-	-	-	-	-	42	-	14
New Hogan (CA)	-	-	-	-	-	-	-	-	-	-	-
Stone Drop (CA)	-	-	-	149	-	-	-	-	-	-	-
Monongahela Power Co (APS)	2,716,479	4,096	1,184	-	-	-	1,068	6	9	1,865	20
Albright (WV)	99,572	544	-	-	-	-	48	1	-	166	1
Fort Martin (WV)	672,955	462	-	-	-	-	256	1	-	353	6
Harrison (WV)	1,197,110	-	1,184	-	-	-	445	-	9	699	2
Pleasants (WV)	628,628	2,762	-	-	-	-	264	4	-	575	10
Rivesville (WV)	33,835	181	-	-	-	-	18	*	-	42	1
Willow Island (WV)	84,379	147	-	-	-	-	36	*	-	30	*
Monroe City Of	-	238	-	-	-	-	-	*	-	-	1
Monroe (MO)	-	238	-	-	-	-	-	*	-	-	1
Monroe Power And Light Dept	-	-	-	180	-	-	-	-	-	-	-
Lower (UT)	-	-	-	79	-	-	-	-	-	-	-
Mon Pump St (UT)	-	-	-	-	-	-	-	-	-	-	-
Monroe Upr (UT)	-	-	-	101	-	-	-	-	-	-	-
Montana Light & Power											
Company	-	-	-	3,025	-	7,110	-	-	-	-	-
Lake Creek (MT)	-	-	-	3,025	-	-	-	-	-	-	-
Libby (MT)	-	-	-	-	-	7,110	-	-	-	-	-
Montana Power Company, The	951,626	2,067	425	270,910	-	-	606	4	12	833	9
Black Eagle (MT)	-	-	-	9,140	-	-	-	-	-	-	-
Cochrane (MT)	-	-	-	18,559	-	-	-	-	-	-	-
Colstrip (MT)	950,663	2,011	-	-	-	-	603	4	-	758	9
Corette, J E (MT)	963	-	425	-	-	-	2	-	12	75	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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)	-	-	-	8,772	-	-	-	-	-	-	-
Holter (MT)	-	-	-	14,588	-	-	-	-	-	-	-
Kerr (MT)	-	-	-	120,914	-	-	-	-	-	-	-
Lake Diesel (MT)	-	-	-	-	-	-	-	-	-	-	-
Madison (MT)	-	-	-	-	-	-	-	-	-	-	-
Milltown (MT)	-	-	-	2,018	-	-	-	-	-	-	-
Morony (MT)	-	-	-	19,695	-	-	-	-	-	-	-
Mystic Lake (MT)	-	-	-	-	-	-	-	-	-	-	-
Rainbow (MT)	-	-	-	19,011	-	-	-	-	-	-	-
Ryan (MT)	-	-	-	29,998	-	-	-	-	-	-	-
Thompson Falls (MT)	-	-	-	28,215	-	-	-	-	-	-	-
Yellowstone (MT)	-	56	-	-	-	-	-	-	-	-	-
Montana-Dakota Utilities Co	269,720	260	1,258	-	-	-	236	1	17	298	10
Coyote (ND)	217,095	260	-	-	-	-	186	1	-	243	7
Glendive (MT)	-	-	732	-	-	-	-	-	10	-	2
Hesket (ND)	39,452	-	-	-	-	-	37	-	-	41	-
Lewis & Clark (MT)	13,173	-	210	-	-	-	14	-	3	14	-
Miles City (MT)	-	-	313	-	-	-	-	-	5	-	2
Williston (ND)	-	-	1	-	-	-	-	-	-	-	-
Montaup Electric Co (EU)	60,501	8,438	-	-	-	-	26	16	-	115	107
Somerset (MA)	60,501	8,438	-	-	-	-	26	16	-	115	107
Montezuma Mun Elec Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Montezuma (IA)	-	-	-	-	-	-	-	-	-	-	-
Moon Lake Electric Assn, Inc	-	-	-	1,202	-	-	-	-	-	-	-
Uintah (UT)	-	-	-	791	-	-	-	-	-	-	-
Yellowstone (UT)	-	-	-	411	-	-	-	-	-	-	-
Moorhead Public Service Dept	-	-	-	-	-	-	-	-	-	2	1
Moorhead (MN)	-	-	-	-	-	-	-	-	-	2	1
Moose Lake Public Util Comm	-	2	-	-	-	-	-	-	-	-	-
Moose Lake (MN)	-	2	-	-	-	-	-	-	-	-	-
Mora Municipal Electric Utility	-	-	-	-	-	-	-	-	-	-	-
Mora (MN)	-	-	-	-	-	-	-	-	-	-	-
Morgan City City Of	-	-	8,443	-	-	-	-	-	106	-	-
Morgan City (LA)	-	-	8,443	-	-	-	-	-	106	-	-
Morrisville Water & Light Dept	-	-	-	1,131	-	-	-	-	-	-	-
Cadys Falls (VT)	-	-	-	448	-	-	-	-	-	-	-
Morrisville (VT)	-	-	-	611	-	-	-	-	-	-	-
W K Sanders (VT)	-	-	-	72	-	-	-	-	-	-	-
Mount Pleasant Mun Util	-	3	-	-	-	-	-	-	-	-	-
Mt Pleasant (IA)	-	3	-	-	-	-	-	-	-	-	-
Mount Pleasant Municipal	-	-	-	190	-	-	-	-	-	-	-
Lower (UT)	-	-	-	84	-	-	-	-	-	-	-
Upper (UT)	-	-	-	106	-	-	-	-	-	-	-
Mountain Lake Municipal Util	-	-	-	-	-	-	-	-	-	-	-
Mountain Lake (MN)	-	-	-	-	-	-	-	-	-	-	-
Mullen, Village Of	-	3	-	-	-	-	-	-	-	-	-
Mullen (NE)	-	3	-	-	-	-	-	-	-	-	-
Mulvane City Of	-	82	36	-	-	-	-	-	-	-	-
Mulvane (KS)	-	32	36	-	-	-	-	-	-	-	-
Murray City Corporation	-	6	11	1,750	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	11	-	-	-	-	*	*	-	*
Little Cottonwood (UT)	-	-	-	1,750	-	-	-	-	-	-	-
Muscatine City Of	87,683	16	53	-	-	-	44	*	1	166	1
Muscatine (IA)	87,688	16	53	-	-	-	44	*	1	166	1
Muscoda Light & Water Comm	-	-	-	-	-	-	-	-	-	-	-
Muscoda (WI)	-	-	-	-	-	-	-	-	-	-	-
Naknek Electric Assn, Inc	-	2,192	-	-	-	-	-	4	-	-	29
Naknek (AK)	-	2,192	-	-	-	-	-	4	-	-	29
Nantahala Power & Light Co	-	-	-	49,406	-	-	-	-	-	-	-
Bear Creek (NC)	-	-	-	3,090	-	-	-	-	-	-	-
Bryson (NC)	-	-	-	333	-	-	-	-	-	-	-
Cedar Cliff (NC)	-	-	-	1,830	-	-	-	-	-	-	-
Dillsboro (NC)	-	-	-	111	-	-	-	-	-	-	-
Franklin (NC)	-	-	-	-	-	-	-	-	-	-	-
Mission (NC)	-	-	-	301	-	-	-	-	-	-	-
Nantahala (NC)	-	-	-	28,563	-	-	-	-	-	-	-
Queens Creek (NC)	-	-	-	319	-	-	-	-	-	-	-
Tennessee Creek (NC)	-	-	-	2,487	-	-	-	-	-	-	-
Thorpe (NC)	-	-	-	11,133	-	-	-	-	-	-	-
Tuckasegee (NC)	-	-	-	1,239	-	-	-	-	-	-	-
Nantucket Electric Company	-	8,855	-	-	-	-	-	16	-	-	10
Nantucket (MA)	-	8,855	-	-	-	-	-	16	-	-	10
Natchitoches City Of	-	-	-	-	-	-	-	-	-	-	-
Natchitoches (LA)	-	-	-	-	-	-	-	-	-	-	-
Nebraska City Utilities	-	105	1,639	-	-	-	-	*	18	-	4
Nebraska City (NE)	-	104	1,624	-	-	-	-	*	17	-	3
Syracuse No 2 (NE)	-	1	15	-	-	-	-	*	1	-	*
Nebraska Public Power District	763,825	73	1,607	23,664	545,822	-	454	*	18	879	18
Columbus (NE)	-	-	-	5,661	-	-	-	-	-	-	-
Cooper (NE)	-	-	-	-	545,822	-	-	-	-	-	-
David City (NE)	-	3	6	-	-	-	-	*	-	-	*
Gentleman (NE)	645,904	-	1,431	-	-	-	380	-	16	798	7
Hallam (NE)	-	8	-	-	-	-	-	*	-	-	3
Hebron (NE)	-	-	-	-	-	-	-	-	-	-	3
Kearney (NE)	-	-	-	45	-	-	-	-	-	-	-
Lyons (NE)	-	2	-	-	-	-	-	*	-	-	*
Madison (NE)	-	2	3	-	-	-	-	*	-	-	*
Mc Cook (NE)	-	33	-	-	-	-	-	*	-	-	3
Minnehadusa (NE)	-	-	-	18	-	-	-	-	-	-	-
Mobile (NE)	-	-	-	-	-	-	-	-	-	-	-
Monroe (NE)	-	-	-	1,593	-	-	-	-	-	-	-
North Platte (NE)	-	-	-	15,493	-	-	-	-	-	-	-
Ord (NE)	-	19	16	-	-	-	-	*	-	-	*
Randolph (NE)	-	-	-	-	-	-	-	-	-	-	-
Schuyler (NE)	-	-	-	-	-	-	-	-	-	-	*
Sheldon (NE)	117,921	-	145	-	-	-	75	-	2	81	-
Spencer (NE)	-	-	-	854	-	-	-	-	-	-	-
Sutherland (NE)	-	6	-	-	-	-	-	*	-	-	*
Wakefield (NE)	-	-	6	-	-	-	-	-	*	-	*
Neodesha City Of	-	2	21	-	-	-	-	*	*	-	*
Neodesha (KS)	-	2	21	-	-	-	-	*	*	-	*
Nevada Irrigation District	-	-	-	634	-	-	-	-	-	-	-
Combie No (CA)	-	-	-	65	-	-	-	-	-	-	-
Combie So (CA)	-	-	-	-	-	-	-	-	-	-	-
Scott Flat (CA)	-	-	-	569	-	-	-	-	-	-	-
Nevada Irrigation District	-	-	-	26,336	-	-	-	-	-	-	-

See footnotes a. and of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	769	-	-	-	-	-	-	-
Chicago Park (CA)	-	-	-	11,853	-	-	-	-	-	-	-
Dutch Flat No.2 (CA)	-	-	-	7,965	-	-	-	-	-	-	-
Rollins (CA)	-	-	-	5,749	-	-	-	-	-	-	-
Nevada Power Company	332,974	14,546	116,690	-	-	-	145	27	1,441	411	208
Clark (NV)	-	7,875	86,936	-	-	-	-	16	1,118	-	101
Gardner, Reid (NV)	332,974	584	-	-	-	-	145	1	-	411	9
Sunrise (NV)	-	6,087	29,754	-	-	-	-	10	323	-	98
Westside (NV)	-	-	-	-	-	-	-	-	-	-	-
New England Power Co (NEES) ..	890,698	394,751	46,669	91,315	-	-	320	686	602	715	1,588
Bear Swamp (MA)	-	-	-	-14,376	-	-	-	-	-	-	-
Bellows Falls (VT)	-	-	-	21,518	-	-	-	-	-	-	-
Brayton Point (MA)	707,062	178,950	-	-	-	-	252	323	-	569	794
Comerford (NH)	-	-	-	22,291	-	-	-	-	-	-	-
Deerfield No. 2 (MA)	-	-	-	892	-	-	-	-	-	-	-
Deerfield No. 3 (MA)	-	-	-	951	-	-	-	-	-	-	-
Deerfield No. 4 (MA)	-	-	-	988	-	-	-	-	-	-	-
Deerfield No. 5 (MA)	-	-	-	1,800	-	-	-	-	-	-	-
Fife Brook (MA)	-	-	-	897	-	-	-	-	-	-	-
Gloucester (MA)	-	2,385	-	-	-	-	-	4	-	-	1
Harriman (VT)	-	-	-	4,130	-	-	-	-	-	-	-
Manchester Street (RI)	-	296	21,832	-	-	-	-	1	291	28	42
McIndoes (NH)	-	-	-	4,650	-	-	-	-	-	-	-
Moore (NH)	-	-	-	19,650	-	-	-	-	-	-	-
Newburyport (MA)	-	1,085	-	-	-	-	-	2	-	-	1
Salem Harbor (MA)	183,636	211,672	-	-	-	-	67	355	-	118	695
Searsburg (VT)	-	-	-	1,141	-	-	-	-	-	-	-
Sherman (MA)	-	-	-	996	-	-	-	-	-	-	-
South Street (RI)	-	363	24,837	-	-	-	-	1	311	-	54
Vernon (NH)	-	-	-	7,013	-	-	-	-	-	-	-
Vernon (VT)	-	-	-	4,537	-	-	-	-	-	-	-
Wilder (NH)	-	-	-	9,609	-	-	-	-	-	-	-
Wilder (VT)	-	-	-	4,628	-	-	-	-	-	-	-
New Hampton Mun Light Plant	-	10	82	-	-	-	-	*	1	-	*
New Hampton (IA)	-	10	82	-	-	-	-	*	1	-	*
New Lisbon Mun Electric Dept	-	2	1	-	-	-	-	*	*	-	*
New Lisbon (WI)	-	2	1	-	-	-	-	*	*	-	*
New Orleans Public Service											
(MSU)	-	27	241,866	-	-	-	-	*	2,634	-	-
Market Street (LA)	-	-	-	-	-	-	-	-	-	-	-
Michoud (LA)	-	-	241,866	-	-	-	-	-	2,634	-	-
Paterson, A B (LA)	-	27	-	-	-	-	-	*	-	-	-
New Prague Mun Utils Comm	-	197	1,666	-	-	-	-	*	17	-	1
New Prague (MN)	-	197	1,666	-	-	-	-	*	17	-	1
New Roads Light & Water Plant ..	-	-	-	-	-	-	-	-	*	-	1
New Roads (LA)	-	-	-	-	-	-	-	-	*	-	1
New Smyrna Beach City Of	-	389	939	-	-	-	-	1	11	-	2
Causeway (FL)	-	-	-	-	-	-	-	-	-	-	-
Glencoe Road (FL)	-	-	-	-	-	-	-	-	-	-	-
New Smyra (FL)	-	303	-	-	-	-	-	1	-	-	1
W E Swoope (FL)	-	86	939	-	-	-	-	*	11	-	*
New Ulm Pub Utils Comm	-	-	1,041	-	-	-	-	-	17	*	4
New Ulm (MN)	-	-	1,041	-	-	-	-	-	17	*	4
New York State Elec & Gas Corp ..	869,698	713	-	21,190	-	-	358	1	-	799	9
Cadyville (NY)	-	-	-	2,156	-	-	-	-	-	-	-
Goudey (NY)	72,156	144	-	-	-	-	31	*	-	98	1
Greenidge (NY)	65,169	263	-	-	-	-	28	*	-	128	1

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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)	-	1	-	-	-	-	-	*	-	-	*
Hickling (NY)	38,933	-	-	-	-	-	26	-	-	83	-
High Falls (NY)	-	-	-	6,583	-	-	-	-	-	-	-
Jennison (NY)	26,231	-	-	-	-	-	20	-	-	82	-
Kents Falls (NY)	-	-	-	4,097	-	-	-	-	-	-	-
Keuka (NY)	-	-	-	340	-	-	-	-	-	-	-
Mechanicville (NY)	-	-	-	3,969	-	-	-	-	-	-	-
Mill "C" (NY)	-	-	-	1,982	-	-	-	-	-	-	-
Milliken (NY)	203,663	30	-	-	-	-	78	*	-	164	2
Rainbow Falls (NY)	-	-	-	1,620	-	-	-	-	-	-	-
Seneca Falls (NY)	-	-	-	317	-	-	-	-	-	-	-
Somerset (NY)	463,544	275	-	-	-	-	176	*	-	244	4
Waterloo (NY)	-	-	-	126	-	-	-	-	-	-	-
Newberry Wtr & Lt Board	-	-	-	-	-	-	-	-	-	-	*
Newberry (MI)	-	-	-	-	-	-	-	-	-	-	*
Newport Electric Corporation	-	163	-	-	-	-	-	*	-	-	2
Eldred (RI)	-	121	-	-	-	-	-	*	-	-	1
Jepson (RI)	-	42	-	-	-	-	-	*	-	-	1
Niagara Mohawk Power Corp	766,208	528,847	189,240	181,924	629,457	-	313	874	1,040	452	2,095
Albany (NY)	-	68,037	145,420	-	-	-	-	111	1,597	-	452
Allens Falls (NY)	-	-	-	1,675	-	-	-	-	-	-	-
Bakers Falls (NY)	-	-	-	-	-	-	-	-	-	-	-
Baldwinsville (NY)	-	-	-	75	-	-	-	-	-	-	-
Beardslee (NY)	-	-	-	889	-	-	-	-	-	-	-
Beebee Island (NY)	-	-	-	2,999	-	-	-	-	-	-	-
Belfort (NY)	-	-	-	908	-	-	-	-	-	-	-
Bennetts Bridge (NY)	-	-	-	4,114	-	-	-	-	-	-	-
Black River (NY)	-	-	-	2,124	-	-	-	-	-	-	-
Blake (NY)	-	-	-	4,231	-	-	-	-	-	-	-
Browns Falls (NY)	-	-	-	2,044	-	-	-	-	-	-	-
Chasm (NY)	-	-	-	1,739	-	-	-	-	-	-	-
Colton (NY)	-	-	-	17,267	-	-	-	-	-	-	-
Deferiet (NY)	-	-	-	4,296	-	-	-	-	-	-	-
Dunkirk (NY)	349,356	806	-	-	-	-	140	1	-	239	1
Eagle (NY)	-	-	-	2,211	-	-	-	-	-	-	-
East Norfolk (NY)	-	-	-	2,184	-	-	-	-	-	-	-
Eel Weir (NY)	-	-	-	512	-	-	-	-	-	-	-
Effley (NY)	-	-	-	1,098	-	-	-	-	-	-	-
Elmer (NY)	-	-	-	754	-	-	-	-	-	-	-
Ephratah (NY)	-	-	-	364	-	-	-	-	-	-	-
Feeder Dam (NY)	-	-	-	1,118	-	-	-	-	-	-	-
Five Falls (NY)	-	-	-	6,459	-	-	-	-	-	-	-
Fiat Rock (NY)	-	-	-	353	-	-	-	-	-	-	-
Franklin (NY)	-	-	-	656	-	-	-	-	-	-	-
Fulton (NY)	-	-	-	352	-	-	-	-	-	-	-
Glenwood (NY)	-	-	-	568	-	-	-	-	-	-	-
Granby (NY)	-	-	-	2,338	-	-	-	-	-	-	-
Green Island (NY)	-	-	-	1,570	-	-	-	-	-	-	-
Hannawa (NY)	-	-	-	4,669	-	-	-	-	-	-	-
Herrings (NY)	-	-	-	1,725	-	-	-	-	-	-	-
Hervelton (NY)	-	-	-	328	-	-	-	-	-	-	-
High Dam (NY)	-	-	-	2,020	-	-	-	-	-	-	-
High Falls (NY)	-	-	-	2,229	-	-	-	-	-	-	-
Higley (NY)	-	-	-	2,508	-	-	-	-	-	-	-
Hogansburg (NY)	-	-	-	171	-	-	-	-	-	-	-
Huntley, C R (NY)	416,852	860	-	-	-	-	172	1	-	213	1
Hydraulic Race (NY)	-	-	-	1,674	-	-	-	-	-	-	-
Inghams (NY)	-	-	-	661	-	-	-	-	-	-	-
Johnsonville (NY)	-	-	-	465	-	-	-	-	-	-	-
Kamargo (NY)	-	-	-	2,152	-	-	-	-	-	-	-
Lighthouse Hill (NY)	-	-	-	1,051	-	-	-	-	-	-	-
Macomb (NY)	-	-	-	291	-	-	-	-	-	-	-
Mechanicville (NY)	-	-	-	-	-	-	-	-	-	-	-
Middle Falls (NY)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	1,915	-	-	-	-	-	-	-
Moreau (NY)	-	-	-	1,592	-	-	-	-	-	-	-
Moshier (NY)	-	-	-	3,062	-	-	-	-	-	-	-
Nine Mile Point (NY)	-	10	-	-	629,457	-	-	-	-	-	2
Norfolk (NY)	-	-	-	2,374	-	-	-	-	-	-	-
Norwood (NY)	-	-	-	1,312	-	-	-	-	-	-	-
Oak Orchard (NY)	-	-	-	186	-	-	-	-	-	-	-
Oswegatchie (NY)	-	-	-	150	-	-	-	-	-	-	-
Oswego (NY)	-	459,134	23,373	-	-	-	-	761	334	-	1,639
Oswego Falls Es (NY)	-	-	-	1,273	-	-	-	-	-	-	-
Oswego Falls Ws (NY)	-	-	-	755	-	-	-	-	-	-	-
Parishville (NY)	-	-	-	1,096	-	-	-	-	-	-	-
Piercefield (NY)	-	-	-	999	-	-	-	-	-	-	-
Prospect (NY)	-	-	-	3,482	-	-	-	-	-	-	-
Rainbow (NY)	-	-	-	3,737	-	-	-	-	-	-	-
Raymondville (NY)	-	-	-	1,194	-	-	-	-	-	-	-
Rotterdam (NY)	-	-	447	-	-	-	-	-	10	-	-
Schaghticoke (NY)	-	-	-	1,898	-	-	-	-	-	-	-
School Street (NY)	-	-	-	6,544	-	-	-	-	-	-	-
Schuylerville (NY)	-	-	-	37	-	-	-	-	-	-	-
Sewalls (NY)	-	-	-	1,019	-	-	-	-	-	-	-
Sherman Island (NY)	-	-	-	8,403	-	-	-	-	-	-	-
So Glens Falls (NY)	-	-	-	570	-	-	-	-	-	-	-
Soft Maple (NY)	-	-	-	2,425	-	-	-	-	-	-	-
South Colton (NY)	-	-	-	5,356	-	-	-	-	-	-	-
South Edwards (NY)	-	-	-	743	-	-	-	-	-	-	-
Spier Falls (NY)	-	-	-	12,115	-	-	-	-	-	-	-
Stark (NY)	-	-	-	6,538	-	-	-	-	-	-	-
Stewarts Bridge (NY)	-	-	-	8,292	-	-	-	-	-	-	-
Stuyvesant Falls (NY)	-	-	-	-5	-	-	-	-	-	-	-
Sugar Island (NY)	-	-	-	2,801	-	-	-	-	-	-	-
Taylorville (NY)	-	-	-	1,742	-	-	-	-	-	-	-
Trenton (NY)	-	-	-	6,550	-	-	-	-	-	-	-
Union (NY)	-	-	-	-	-	-	-	-	-	-	-
Varick (NY)	-	-	-	1,817	-	-	-	-	-	-	-
Waterport (NY)	-	-	-	896	-	-	-	-	-	-	-
West, E J (NY)	-	-	-	7,764	-	-	-	-	-	-	-
Yaleville (NY)	-	-	-	350	-	-	-	-	-	-	-
Niles Board Of Public Works	-	-	-	224	-	-	-	-	-	-	-
Niles (MI)	-	-	-	224	-	-	-	-	-	-	-
Nodak Rural Elec Coop Inc	-	-	-	-	-	-	-	-	-	-	-
Mobile (ND)	-	-	-	-	-	-	-	-	-	-	-
Nome Light And Power Utilities	-	1,795	-	-	-	-	-	3	-	-	1
Snake River (AK)	-	1,795	-	-	-	-	-	3	-	-	1
North American Hydro Inc	-	-	-	60	-	-	-	-	-	-	-
Wautoma (WI)	-	-	-	60	-	-	-	-	-	-	-
North Branch Lt & Pwr Comm	-	-	-	-	-	-	-	-	-	-	-
North Branch (MN)	-	-	-	-	-	-	-	-	-	-	-
North Central Power Co Inc	-	-	-	468	-	-	-	-	-	-	-
Arpin (WI)	-	-	-	256	-	-	-	-	-	-	-
Radisson (WI)	-	-	-	142	-	-	-	-	-	-	-
Winter (WI)	-	-	-	70	-	-	-	-	-	-	-
North Counties Hydro Elec Co	-	-	-	2,224	-	-	-	-	-	-	-
Dayton (IL)	-	-	-	2,224	-	-	-	-	-	-	-
North Little Rock City Of	-	-	-	13,293	-	-	-	-	-	-	-
Murray (AR)	-	-	-	13,293	-	-	-	-	-	-	-
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, July 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)
Northeast Nuclear Energy Co	-	-	-	-	1,956,658	-	-	-	-	-	-
Millstone (CT)	-	-	-	-	1,956,658	-	-	-	-	-	-
Northern Indiana Public Serv Co	1,209,847	38,684	12,181	5,850	-	-	632	-	132	868	-
Bailly (IN)	323,224	-	1,624	-	-	-	145	-	16	111	-
Michigan City (IN)	188,505	-	5,032	-	-	-	91	-	54	190	-
Mitchell, Dean H (IN)	162,309	-	2,639	-	-	-	94	-	29	159	-
Norway (IN)	-	-	-	2,548	-	-	-	-	-	-	-
Oakdale (IN)	-	-	-	3,302	-	-	-	-	-	-	-
Schahfer, R. M. (IN)	535,809	38,684	2,886	-	-	-	302	-	32	407	-
Northern States Power Co	1,526,701	37,194	16,261	52,932	1,062,280	31,921	1,018	4	317	1,653	188
Apple River (WI)	-	-	-	979	-	-	-	-	-	-	-
Bay Front (WI)	1,660	-	3,319	-	-	10,759	2	-	57	3	-
Big Falls (WI)	-	-	-	2,413	-	-	-	-	-	-	-
Black Dog (MN)	49,139	-	7,849	-	-	-	34	-	95	95	-
Blue Lake (MN)	-	255	-	-	-	-	-	1	-	-	24
Cedar Falls (WI)	-	-	-	2,440	-	-	-	-	-	-	-
Chippewa Falls (WI)	-	-	-	3,500	-	-	-	-	-	-	-
Cornell (WI)	-	-	-	4,419	-	-	-	-	-	-	-
Dells (WI)	-	-	-	2,873	-	-	-	-	-	-	-
Flambeau (WI)	-	-	84	-	-	-	-	-	1	-	4
French Island (WI)	-	-45	8	-	-	4,626	-	-	-	-	39
Granite City (MN)	-	-	548	-	-	-	-	-	96	-	2
Hayward (WI)	-	-	-	85	-	-	-	-	-	-	-
Hennepin Island (MN)	-	-	-	4,658	-	-	-	-	-	-	-
High Bridge (MN)	56,012	-	1,785	-	-	-	54	-	31	104	1
Holcombe (WI)	-	-	-	4,764	-	-	-	-	-	-	-
Holland (MN)	-	-	-	-	-	8	-	-	-	-	-
Inver Hills (MN)	-	-65	-	-	-	-	-	-	-	-	50
Jim Falls (WI)	-	-	-	6,352	-	-	-	-	-	-	-
Key City (MN)	-	-	235	-	-	-	-	-	5	-	3
King (MN)	250,034	35,506	39	-	-	4,377	149	-	-	220	-
Ladysmith (WI)	-	-	-	699	-	-	-	-	-	-	-
Lower Dam (MN)	-	-	-	-	-	-	-	-	-	-	-
Menomonee (WI)	-	-	-	1,513	-	-	-	-	-	-	-
Minnesota Valley (MN)	2,094	9	199	-	-	-	2	-	2	14	-
Monticello (MN)	-	-	-	-	314,111	-	-	-	-	-	-
Pathfinder (SD)	-	-	331	-	-	-	-	-	7	-	-
Prairie Island (MN)	-	-	-	-	748,169	-	-	-	-	-	-
Redwing (MN)	-	-	130	-	-	8,924	-	-	4	-	-
Riverdale (WI)	-	-	-	200	-	-	-	-	-	-	-
Riverside (MN)	121,709	668	1,494	-	-	-	80	-	17	79	3
Saxon Falls (MI)	-	-	-	-3	-	-	-	-	-	-	-
Sherburne County (MN)	1,038,153	915	-	-	-	-	697	2	-	1,139	4
St Croix Falls (WI)	-	-	-	8,389	-	-	-	-	-	-	-
Superior Falls (MI)	-	-	-	670	-	-	-	-	-	-	-
Thornapple (WI)	-	-	-	645	-	-	-	-	-	-	-
Trego (WI)	-	-	-	479	-	-	-	-	-	-	-
West Faribault (MN)	-	-	198	-	-	-	-	-	1	-	-
Wheaton (WI)	-	-49	-	-	-	-	-	1	-	-	58
White River (WI)	-	-	-	345	-	-	-	-	-	-	-
Wilmarth (MN)	-	-	42	-	-	3,227	-	-	1	-	-
Wissota (WI)	-	-	-	7,443	-	-	-	-	-	-	-
Northway Power & Light Inc	-	96	-	-	-	-	-	-	-	-	-
Northway (AK)	-	96	-	-	-	-	-	-	-	-	-
Northwestern Public Service											
Company	-	-59	10	-	-	-	-	-	1	-	25
Aberdeen (SD)	-	-15	-	-	-	-	-	-	-	-	11
Armour (SD)	-	-4	-	-	-	-	-	-	-	-	-
Chamberlain (SD)	-	-9	-	-	-	-	-	-	-	-	-
Clark (SD)	-	-	-	-	-	-	-	-	-	-	-
Faulkton (SD)	-	-5	-	-	-	-	-	-	-	-	-
Highmore (SD)	-	-3	-	-	-	-	-	-	-	-	-
Huron (SD)	-	-	7	-	-	-	-	-	1	-	10
Mobile (SD)	-	-4	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-1	-3	-	-	-	-	*	*	-	1
Webster (SD)	-	-9	-	-	-	-	-	*	-	-	*
Yankton New (SD)	-	1	6	-	-	-	-	*	1	-	1
Yankton Old (SD)	-	-10	-	-	-	-	-	*	-	-	*
Northwestern Wisconsin Elec Co											
Balsam Lake (WI)	-	51	-	577	-	-	-	*	-	-	3
Black Brook (WI)	-	-	-	98	-	-	-	-	-	-	-
Clam Falls (WI)	-	-	-	34	-	-	-	-	-	-	-
Clam River Dam (WI)	-	-	-	320	-	-	-	-	-	-	-
Danbury (WI)	-	-4	-	125	-	-	-	*	-	-	2
Frederic (WI)	-	32	-	-	-	-	-	*	-	-	*
Grantsburg (WI)	-	23	-	-	-	-	-	*	-	-	1
Northwood City Of Mun Lt & Pwr											
Northwood (ND)	-	-	-	-	-	-	-	-	-	-	-
Norton City Of											
Norton (KS)	-	21	21	-	-	-	-	*	3	-	1
Norton (KS)	-	21	21	-	-	-	-	*	3	-	1
Norway Electric Light Dept											
Norway (MI)	-	-	-	1,309	-	-	-	-	-	-	-
Norway (MI)	-	-	-	1,309	-	-	-	-	-	-	-
Norwich Dept Of Pub Utils											
North Main (CT)	-	135	-	577	-	-	-	*	-	-	4
Occum (CT)	-	135	-	-	-	-	-	*	-	-	4
Occum (CT)	-	-	-	148	-	-	-	-	-	-	-
10Th Street (CT)	-	-	-	295	-	-	-	-	-	-	-
2Nd Street (CT)	-	-	-	134	-	-	-	-	-	-	-
Nushagak Electric Coop, Inc											
Dillingham (AK)	-	1,467	-	-	-	-	-	2	-	-	13
Dillingham (AK)	-	1,467	-	-	-	-	-	2	-	-	13
Oakdale & South San Joaquin											
Beardsley (CA)	-	-	-	47,141	-	-	-	-	-	-	-
Beardsley (CA)	-	-	-	6,105	-	-	-	-	-	-	-
Donnels (CA)	-	-	-	17,690	-	-	-	-	-	-	-
Sand Bar (CA)	-	-	-	10,305	-	-	-	-	-	-	-
Tulloch (CA)	-	-	-	13,041	-	-	-	-	-	-	-
Oakely City Of											
Oakely (KS)	-	-	-	-	-	-	-	-	-	-	-
Oakely (KS)	-	-	-	-	-	-	-	-	-	-	-
Oberlin City Of											
Oberlin (KS)	-	-	-	-	-	-	-	-	-	-	-
Oberlin (KS)	-	-	-	-	-	-	-	-	-	-	-
Oberlin Mun Lt Pwr System											
Oberlin (OH)	-	22	71	-	-	-	-	*	1	-	4
Oberlin (OH)	-	22	71	-	-	-	-	*	1	-	4
Oconto Electric Coop											
Stiles (WI)	-	-	-	405	-	-	-	-	-	-	-
Stiles (WI)	-	-	-	405	-	-	-	-	-	-	-
Odessa City Of											
Odessa (MO)	-	79	875	-	-	-	-	*	11	-	1
Odessa (MO)	-	79	875	-	-	-	-	*	11	-	1
Ogden Municipal Utilities											
Ogden (IA)	-	13	-	-	-	-	-	*	-	-	1
Ogden (IA)	-	13	-	-	-	-	-	*	-	-	1
Oglethorpe Power Corporation											
Tallahassee (GA)	-	-	-	352	-	-	-	-	-	-	-
Tallahassee (GA)	-	-	-	352	-	-	-	-	-	-	-
Ohio Edison Company											
Burger, R E (OH)	1,263,355	4,581	-	-	-	-	568	9	-	1,227	38
Burger, R E (OH)	233,576	220	-	-	-	-	116	*	-	192	2
Edgewater (OH)	31,113	236	-	-	-	-	17	1	-	31	10
Gorge Steam (OH)	13,521	119	-	-	-	-	7	*	-	28	*
Mad River (OH)	-	138	-	-	-	-	-	1	-	-	15
Niles (OH)	61,158	159	-	-	-	-	27	*	-	99	7
Sammis (OH)	899,380	3,572	-	-	-	-	374	6	-	807	4

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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 (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Ohio Edison Company											
Toronto (OH)	44,607	137	-	-	-	-	26	*	-	70	*
West Lorain (OH)	-	-	-	-	-	-	-	-	-	-	-
Ohio Power Co (AEP)	2,753,738	7,645	-	13,881	-	-	1,182	11	-	3,207	58
Gavin, Gen J M (OH)	1,229,387	677	-	-	-	-	536	1	-	1,430	31
Kammer (WV)	338,927	315	-	-	-	-	136	*	-	338	2
Mitchell (WV)	586,050	4,011	-	-	-	-	242	6	-	592	20
Muskingum River (OH)	619,374	2,642	-	-	-	-	268	4	-	847	5
Racine (CA)	-	-	-	13,881	-	-	-	-	-	-	-
Ohio Valley Electric Corporation ..	682,622	90	-	-	-	-	298	*	-	657	3
Kyger Creek (OH)	682,622	90	-	-	-	-	298	*	-	657	3
Oklahoma Gas & Electric Co	1,048,785	1,694	871,880	-	-	-	605	3	9,282	1,761	402
Arbuckle (OK)	-	-	-	-	-	-	-	-	-	-	-
Enid (OK)	-	-	76	-	-	-	-	-	2	-	-
Horseshoe Lake (OK)	-	413	296,914	-	-	-	-	1	3,054	-	81
Muskogee (OK)	508,099	-	61,859	-	-	-	302	-	659	963	46
Mustang (OK)	-	99	111,933	-	-	-	-	*	1,210	-	16
Seminole (OK)	-	-	401,283	-	-	-	-	-	4,336	-	244
Sooner (OK)	540,686	1,182	-	-	-	-	304	2	-	798	14
Woodward (OK)	-	-	15	-	-	-	-	*	*	-	1
Omaha Public Power District	425,816	425	3,839	-	350,967	-	285	1	47	602	22
Fort Calhoun (NE)	-	-	-	-	350,967	-	-	-	-	-	-
Jones Street (NE)	-	-27	-	-	-	-	-	*	-	-	14
Nebraska City (NE)	281,382	452	-	-	-	-	180	1	-	333	2
North Omaha (NE)	144,434	-	3,000	-	-	-	104	-	36	269	-
Sarpy (NE)	-	-	639	-	-	-	-	-	11	-	6
Onawa City Of Municipal Lt & Pwr ..	-	-	-	-	-	-	-	-	-	-	-
Onawa (IA)	-	-	-	-	-	-	-	-	-	-	-
Opelousas Elec Lt & Wtr Works ..	-	-	-	-	-	-	-	-	-	-	-
Opelousas (LA)	-	-	-	-	-	-	-	-	-	-	-
Orange And Rockland Utilities, Inc ..	154,607	317,176	313,624	16,056	-	-	64	523	3,179	71	638
Bowline Point (NY)	-	317,163	263,477	-	-	-	-	523	2,821	-	559
Grahamsville (NY)	-	-	-	11,931	-	-	-	-	-	-	-
Hillburn (NY)	-	-	2,971	-	-	-	-	-	47	-	3
Lovett (NY)	154,607	13	42,311	-	-	-	64	*	438	71	74
Mongaup (NY)	-	-	-	1,012	-	-	-	-	-	-	-
Rio (NY)	-	-	-	1,979	-	-	-	-	-	-	-
Shoemaker (NY)	-	-	4,865	-	-	-	-	-	73	-	2
Swinging Bridge 1 (NY)	-	-	-	573	-	-	-	-	-	-	-
Swinging Bridge 2 (NY)	-	-	-	581	-	-	-	-	-	-	-
Orange City Municipal Light Plant ..	-	-	-	-	-	-	-	-	-	-	2
Orange City (IA)	-	-	-	-	-	-	-	-	-	-	2
Orcas Power & Light Company ..	-	-	-	-	-	-	-	-	-	-	-
Eastsound (WA)	-	-	-	-	-	-	-	-	-	-	-
Oregon Trail Elec Coop	-	-	-	448	-	-	-	-	-	-	-
Rock Creek (OR)	-	-	-	448	-	-	-	-	-	-	-
Orlando Utilities Commission	217,600	101,804	167,023	-	-	-	86	168	1,740	184	264
Indian River (FL)	-	100,317	167,023	-	-	-	-	167	1,740	-	259
Stanton (FL)	217,600	1,487	-	-	-	-	86	2	-	184	5
Oroville Wyandotte Irrig Dist	-	-	-	55,650	-	-	-	-	-	-	-
Forbestown (CA)	-	-	-	15,545	-	-	-	-	-	-	-
Kelly Ridge (CA)	-	-	-	7,650	-	-	-	-	-	-	-
Sly Creek (CA)	-	-	-	4,603	-	-	-	-	-	-	-
Woodleaf (CA)	-	-	-	27,861	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	22,923	-	102	-	-	-	15	-	1	5	-
Orrville (OH)	22,923	-	102	-	-	-	15	-	1	5	-
Osage Mun Utilities	-	25	229	-	-	-	-	*	7	-	1
Osage (KS)	-	25	229	-	-	-	-	*	7	-	1
Osage Municipal Utilities	-	-	-	-	-	-	-	-	-	-	1
Osage (IA)	-	-	-	-	-	-	-	-	-	-	1
Osborne City Of	-	81	18	-	-	-	-	*	*	-	*
Osborne (KS)	-	81	18	-	-	-	-	*	*	-	*
Osceola City Of	-	-	-	-	-	-	-	-	-	-	-
Osceola (AR)	-	-	-	-	-	-	-	-	-	-	-
Oswatonia City Of	-	33	-	-	-	-	-	*	-	-	*
Oswatonia (KS)	-	33	-	-	-	-	-	*	-	-	*
Ottawa Water & Light Dept	-	59	316	-	-	-	-	*	4	-	1
Ottawa (KS)	-	59	316	-	-	-	-	*	4	-	1
Otter Tail Power Company	213,389	353	-	2,121	-	-	199	1	-	290	28
Bemidji (MN)	-	-	-	66	-	-	-	-	-	-	-
Big Stone (SD)	202,659	103	-	-	-	-	192	*	-	275	8
Dayton Hollow (MN)	-	-	-	615	-	-	-	-	-	-	-
Hoot Lake (MN)	10,730	145	-	408	-	-	7	*	-	15	*
Jamestown (ND)	-	47	-	-	-	-	-	*	-	-	13
Lake Preston (SD)	-	58	-	-	-	-	-	*	-	-	5
Pisgah (MN)	-	-	-	371	-	-	-	-	-	-	-
Port 148 (MN)	-	-	-	-	-	-	-	-	-	-	-
Taplin Gorge (MN)	-	-	-	377	-	-	-	-	-	-	-
Wright (MN)	-	-	-	283	-	-	-	-	-	-	-
Ottumwa Wtr Wrks & Hydro El Pl	-	-	-	24	-	-	-	-	-	-	-
Ottumwa (IA)	-	-	-	24	-	-	-	-	-	-	-
Owatonna Municipal Public	-	-	471	-	-	-	-	-	7	-	-
Utilities	-	-	471	-	-	-	-	-	7	-	-
Owatonna (MN)	-	-	471	-	-	-	-	-	7	-	-
Owensboro Municipal Utilities	179,214	174	-	-	-	-	90	*	-	71	1
Elmer Smith (KY)	179,214	174	-	-	-	-	90	*	-	71	1
Owensville Municipal Utilities	-	228	-	-	-	-	-	*	-	-	*
Owensville (MO)	-	228	-	-	-	-	-	*	-	-	*
Oxford Mun Lt & Pwr Plant	-	11	-	-	-	-	-	*	-	-	*
Oxford (NE)	-	11	-	-	-	-	-	*	-	-	*
Pacific Gas & Electric Company ..	-	45,347	2,156,499	744,488	1,498,832	654,299	-	79	21,669	-	7,054
* Central Storage *	-	-	-	-	-	-	-	-	-	-	84
Alta (CA)	-	-	-	85	-	-	-	-	-	-	-
Angels (CA)	-	-	-	319	-	-	-	-	-	-	-
Balch 1 (CA)	-	-	-	5,676	-	-	-	-	-	-	-
Balch 2 (CA)	-	-	-	31,602	-	-	-	-	-	-	-
Belden (CA)	-	-	-	19,941	-	-	-	-	-	-	-
Black, James B (CA)	-	-	-	45,146	-	-	-	-	-	-	-
Bucks Creek (CA)	-	-	-	7,581	-	-	-	-	-	-	-
Butt Valley (CA)	-	-	-	10,956	-	-	-	-	-	-	-
Caribou 1 (CA)	-	-	-	3,144	-	-	-	-	-	-	-
Caribou 2 (CA)	-	-	-	36,034	-	-	-	-	-	-	-
Centerville (CA)	-	-	-	3,611	-	-	-	-	-	-	-
Chili Bar (CA)	-	-	-	2,489	-	-	-	-	-	-	-
Coal Canyon (CA)	-	-	-	506	-	-	-	-	-	-	-
Coleman (CA)	-	-	-	5,493	-	-	-	-	-	-	-
Contra Costa (CA)	-	-	167,582	-	-	-	-	-	1,864	-	440
Cow Creek (CA)	-	-	-	353	-	-	-	-	-	-	-
Crane Valley (CA)	-	-	-	433	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	13,107	-	-	-	-	-	-	-
De Sabla (CA)	-	-	-	9,778	-	-	-	-	-	-	-
Deer Creek (CA)	-	-	-	2,653	-	-	-	-	-	-	-
Diablo Canyon (CA)	-	-	-	-	1,498,832	-	-	-	-	-	-
Downieville (CA)	-	-5	-	-	-	-	-	-	-	-	-
Drum 1 (CA)	-	-	-	18,447	-	-	-	-	-	-	-
Drum 2 (CA)	-	-	-	16,544	-	-	-	-	-	-	-
Dutch Flat (CA)	-	-	-	6,349	-	-	-	-	-	-	-
El Dorado (CA)	-	-	-	5,833	-	-	-	-	-	-	-
Electra (CA)	-	-	-	32,867	-	-	-	-	-	-	-
Haas (CA)	-	-	-	35,144	-	-	-	-	-	-	-
Halsey (CA)	-	-	-	6,209	-	-	-	-	-	-	-
Hamilton Branch (CA)	-	-	-	1,073	-	-	-	-	-	-	-
Hat Creek 1 (CA)	-	-	-	2,204	-	-	-	-	-	-	-
Hat Creek 2 (CA)	-	-	-	3,230	-	-	-	-	-	-	-
Helms (CA)	-	-	-	3,572	-	-	-	-	-	-	-
Humbolt Bay (CA)	-	8,105	6,420	-	-	-	-	19	93	-	94
Hunters Point (CA)	-	29	105,057	-	-	-	-	-	1,294	-	326
Inskip (CA)	-	-	-	3,459	-	-	-	-	-	-	-
Kerckhoff (CA)	-	-	-	-8	-	-	-	-	-	-	-
Kerckhoff 2 (CA)	-	-	-	41,746	-	-	-	-	-	-	-
Kern (CA)	-	-	-	-	-	-	-	-	-	-	-
Kern Canyon (CA)	-	-	-	6,025	-	-	-	-	-	-	-
Kilarc (CA)	-	-	-	942	-	-	-	-	-	-	-
Kings River (CA)	-	-	-	11,084	-	-	-	-	-	-	-
Lime Saddle (CA)	-	-	-	725	-	-	-	-	-	-	-
Merced Falls (CA)	-	-	-	1,341	-	-	-	-	-	-	-
Mobile Turbine (CA)	-	-	-	-	-	-	-	-	-	-	-
Morro Bay (CA)	-	661	329,929	-	-	-	-	1	3,342	-	1,289
Moss Landing (CA)	-	23,761	795,569	-	-	-	-	36	7,237	-	1,778
Murphys (CA)	-	-	-	895	-	-	-	-	-	-	-
Narrows (CA)	-	-	-	-3	-	-	-	-	-	-	-
Newcastle (CA)	-	-	-	532	-	-	-	-	-	-	-
Oak Flat (CA)	-	-	-	840	-	-	-	-	-	-	-
Oakland (CA)	-	211	-	-	-	-	-	1	-	-	38
Phoenix (CA)	-	-	-	977	-	-	-	-	-	-	-
Pit 1 (CA)	-	-	-	17,205	-	-	-	-	-	-	-
Pit 3 (CA)	-	-	-	22,074	-	-	-	-	-	-	-
Pit 4 (CA)	-	-	-	28,117	-	-	-	-	-	-	-
Pit 5 (CA)	-	-	-	49,286	-	-	-	-	-	-	-
Pit 6 (CA)	-	-	-	20,335	-	-	-	-	-	-	-
Pit 7 (CA)	-	-	-	26,302	-	-	-	-	-	-	-
Pittsburg (CA)	-	12,460	643,332	-	-	-	-	21	6,777	-	2,675
Poe (CA)	-	-	-	22,537	-	-	-	-	-	-	-
Potrero (CA)	-	125	108,610	-	-	-	-	1	1,062	-	329
Potter Valley (CA)	-	-	-	18	-	-	-	-	-	-	-
PVUSA 1 (CA)	-	-	-	-	-	4	-	-	-	-	-
Rock Creek (CA)	-	-	-	18,581	-	-	-	-	-	-	-
Salt Springs (CA)	-	-	-	25,754	-	-	-	-	-	-	-
San Joaquin No. 1a (CA)	-	-	-	175	-	-	-	-	-	-	-
San Joaquin No. 2 (CA)	-	-	-	1,467	-	-	-	-	-	-	-
San Joaquin 3 (CA)	-	-	-	1,812	-	-	-	-	-	-	-
South (CA)	-	-	-	3,517	-	-	-	-	-	-	-
Spaulding No. 1 (CA)	-	-	-	4,781	-	-	-	-	-	-	-
Spaulding No. 2 (CA)	-	-	-	1,196	-	-	-	-	-	-	-
Spaulding No. 3 (CA)	-	-	-	1,905	-	-	-	-	-	-	-
Spring Gap (CA)	-	-	-	573	-	-	-	-	-	-	-
Stanislaus (CA)	-	-	-	40,787	-	-	-	-	-	-	-
The Geysers (CA)	-	-	-	-	-	654,295	-	-	-	-	-
Tiger Creek (CA)	-	-	-	31,148	-	-	-	-	-	-	-
Toadtown (CA)	-	-	-	639	-	-	-	-	-	-	-
Tule River (CA)	-	-	-	205	-	-	-	-	-	-	-
Volta (CA)	-	-	-	2,928	-	-	-	-	-	-	-
Volta 2 (CA)	-	-	-	356	-	-	-	-	-	-	-
West Point (CA)	-	-	-	8,646	-	-	-	-	-	-	-
Wise (CA)	-	-	-	8,498	-	-	-	-	-	-	-
Wishon, A G (CA)	-	-	-	6,710	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	4,514,755	4,733	356	234,453	-	14,406	2,465	8	5	5,310	102
American Fork (UT)	-	-	-	640	-	-	-	-	-	-	-
Ashton (ID)	-	-	-	4,130	-	-	-	-	-	-	-
Beaver Upper (UT)	-	-	-	929	-	-	-	-	-	-	-
Bend (OR)	-	-	-	515	-	-	-	-	-	-	-
Big Fork (MT)	-	-	-	3,078	-	-	-	-	-	-	-
Blundell (UT)	-	-	-	-	-	14,406	-	-	-	-	-
Bridger, Jim (WY)	1,173,642	3,073	-	-	-	-	620	5	-	780	9
Carbon (UT)	107,920	46	-	-	-	-	52	-	-	91	-
Cent'alia (WA)	713,311	329	-	-	-	-	462	1	-	1,766	4
Clearwater 1 (OR)	-	-	-	4,115	-	-	-	-	-	-	-
Clearwater 2 (OR)	-	-	-	2,998	-	-	-	-	-	-	-
Cline Falls (OR)	-	-	-	-	-	-	-	-	-	-	-
Condit (WA)	-	-	-	6,058	-	-	-	-	-	-	-
Copco 1 (CA)	-	-	-	3,085	-	-	-	-	-	-	-
Copco 2 (CA)	-	-	-	4,026	-	-	-	-	-	-	-
Cove (ID)	-	-	-	4,860	-	-	-	-	-	-	-
Cutler (UT)	-	-	-	-12	-	-	-	-	-	-	-
Eagle Point (OR)	-	-	-	970	-	-	-	-	-	-	-
East Side (OR)	-	-	-	1,405	-	-	-	-	-	-	-
Fall Creek (CA)	-	-	-	1,048	-	-	-	-	-	-	-
Fish Creek (OR)	-	-	-	3,009	-	-	-	-	-	-	-
Ftn Green (UT)	-	-	-	23	-	-	-	-	-	-	-
Gadsby (UT)	-115	-	-49	-	-	-	-	-	-	-	-
Grace (ID)	-	-	-	23,172	-	-	-	-	-	-	-
Granite (UT)	-	-	-	501	-	-	-	-	-	-	-
Hale (UT)	-	-	-49	-	-	-	-	-	-	-	-
Hunter (emery) (UT)	826,329	380	-	-	-	-	361	1	-	1,434	3
Huntington Canyon (UT)	561,825	317	-	-	-	-	241	1	-	571	4
Hydro No. 1 (UT)	-	-	-	20	-	-	-	-	-	-	-
Hydro No. 2 (UT)	-	-	-	14	-	-	-	-	-	-	-
Hydro No. 3 (UT)	-	-	-	-2	-	-	-	-	-	-	-
Iron Gate (CA)	-	-	-	4,425	-	-	-	-	-	-	-
John C Boyle (OR)	-	-	-	3,573	-	-	-	-	-	-	-
Johnston, Dave (WY)	487,397	359	-	-	-	-	336	1	-	423	2
Last Chance (UT)	-	-	-	692	-	-	-	-	-	-	-
Lemolo 1 (OR)	-	-	-	10,237	-	-	-	-	-	-	-
Lemolo 2 (OR)	-	-	-	6,815	-	-	-	-	-	-	-
Little Mountain (UT)	-	-	-19	-	-	-	-	-	-	-	73
Merwin (WA)	-	-	-	14,825	-	-	-	-	-	-	-
Naches (WA)	-	-	-	3,620	-	-	-	-	-	-	-
Naches Drop (WA)	-	-	-	742	-	-	-	-	-	-	-
Naughton (WY)	407,549	161	473	-	-	-	218	-	5	245	1
Olmstead (UT)	-	-	-	-5	-	-	-	-	-	-	-
Oneida (ID)	-	-	-	6,705	-	-	-	-	-	-	-
Paris (ID)	-	-	-	132	-	-	-	-	-	-	-
Pioneer (UT)	-	-	-	1,868	-	-	-	-	-	-	-
Powerdale (OR)	-	-	-	2,919	-	-	-	-	-	-	-
Prospect 1 (OR)	-	-	-	750	-	-	-	-	-	-	-
Prospect 2 (OR)	-	-	-	19,609	-	-	-	-	-	-	-
Prospect 3 (OR)	-	-	-	2,189	-	-	-	-	-	-	-
Prospect 4 (OR)	-	-	-	163	-	-	-	-	-	-	-
Slide Creek (OR)	-	-	-	6,151	-	-	-	-	-	-	-
Snake Creek (UT)	-	-	-	235	-	-	-	-	-	-	-
Soda (ID)	-	-	-	4,756	-	-	-	-	-	-	-
Soda Springs (OR)	-	-	-	4,297	-	-	-	-	-	-	-
St Anthony (ID)	-	-	-	162	-	-	-	-	-	-	-
Stairs (UT)	-	-	-	65	-	-	-	-	-	-	-
Stayton (OR)	-	-	-	446	-	-	-	-	-	-	-
Swift No. 2 (WA)	-	-	-	7,893	-	-	-	-	-	-	-
Swift 1 (WA)	-	-	-	27,529	-	-	-	-	-	-	-
Toketee (OR)	-	-	-	15,895	-	-	-	-	-	-	-
Viva (WY)	-	-	-	346	-	-	-	-	-	-	-
Wallowa Falls (OR)	-	-	-	380	-	-	-	-	-	-	-
Weber (UT)	-	-	-	2,377	-	-	-	-	-	-	-
West Side (OR)	-	-	-	429	-	-	-	-	-	-	-
Wyodak (WY)	236,897	68	-	-	-	-	174	-	-	-	4
Yale (WA)	-	-	-	19,651	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)
Painesville Mun Lt Plant	11,119	17	57	-	-	-	8	*	1	5	2
Painesville (OH)	11,119	17	57	-	-	-	8	*	1	5	2
Palmyra City Of Bd Of Pub Works	-	10	100	-	-	-	-	*	1	-	*
Palmyra (MO)	-	10	100	-	-	-	-	*	1	-	*
Paragould Light Plant Comm	-	-	-	-	-	-	-	-	-	-	-
Paragould (AR)	-	-	-	-	-	-	-	-	-	-	-
Paris Light & Power Dept	-	-	-	-	-	-	-	-	-	-	-
Paris (KY)	-	-	-	-	-	-	-	-	-	-	-
Park River Municipal Light Plant ..	-	-	-	-	-	-	-	-	-	-	-
Park River (ND)	-	-	-	-	-	-	-	-	-	-	-
Parowan City Corporation	-	-	-	218	-	-	-	-	-	-	-
Center Creek (UT)	-	-	-	218	-	-	-	-	-	-	-
Paragonah (UT)	-	-	-	-	-	-	-	-	-	-	-
Pasadena City Of Wtr & Pwr Dept	-	-	42,563	925	-	-	-	-	506	-	124
Azusa (CA)	-	-	-	925	-	-	-	-	-	-	-
Broadway (CA)	-	-	42,290	-	-	-	-	-	500	-	110
Glenarm (CA)	-	-	273	-	-	-	-	-	6	-	14
Pattonsburg Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Pattonsburg (MO)	-	-	-	-	-	-	-	-	-	-	-
Paulina Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Paulina (IA)	-	-	-	-	-	-	-	-	-	-	-
Pawhuska Light & Water Plant	-	-	-	-	-	-	-	-	-	-	-
Pawhuska (OK)	-	-	-	-	-	-	-	-	-	-	-
Pearbody Mun Light Plant	-	2,896	551	-	-	-	-	7	8	-	6
Warren St (MA)	-	773	-	-	-	-	-	1	-	-	3
Waters River (MA)	-	2,123	551	-	-	-	-	5	8	-	3
Pelican Utility Company	-	139	-	299	-	-	-	*	-	-	*
Pelican (AK)	-	139	-	299	-	-	-	*	-	-	*
Pella Municipal Power & Light	4,383	-	7,684	-	-	-	2	-	63	3	1
Pella (IA)	4,383	-	7,684	-	-	-	2	-	63	3	1
Pend Oreille County P U D No 1 ..	-	-	-	44,518	-	-	-	-	-	-	-
Box Canyon (WA)	-	-	-	44,108	-	-	-	-	-	-	-
Calispel Creek (WA)	-	-	-	410	-	-	-	-	-	-	-
Pender Mun Light Plant	-	-	-	-	-	-	-	-	-	-	*
Pender (NE)	-	-	-	-	-	-	-	-	-	-	*
Pennsylvania Electric Co (GPS) ...	3,441,936	18,641	840	-18,186	-	-	1,383	30	13	2,951	68
Benton (PA)	-	129	-	-	-	-	-	*	-	-	-
Blossburg (PA)	-	-	735	-	-	-	-	-	11	-	-
Conemaugh (PA)	926,617	4,516	-	-	-	-	357	6	-	814	7
Deep Creek (MD)	-	-	-	8,347	-	-	-	-	-	-	-
Front Street (PA)	40,640	197	-	-	-	-	23	*	-	25	*
Homer City (PA)	1,124,832	1,783	-	-	-	-	436	2	-	1,133	13
Keystone (PA)	862,167	4,270	-	-	-	-	348	6	-	689	7
Piney (PA)	-	-	-	7,503	-	-	-	-	-	-	-
Seneca (PA)	-	-	-	-34,036	-	-	-	-	-	-	-
Seward (PA)	112,915	1,138	-	-	-	-	52	2	-	142	1
Shawville (PA)	330,513	3,302	-	-	-	-	142	5	-	133	10
Warren (PA)	41,840	1,330	105	-	-	-	23	4	2	31	9
Wayne (PA)	-	1,955	-	-	-	-	-	4	-	-	20
Williamsburg (PA)	2,412	21	-	-	-	-	1	*	-	4	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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 (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pennsylvania Power & Light Co ..	2,053,429	532,828	-	58,086	1,489,397	-	849	856	-	7,560	1,047
* Central Storage *	-	-	-	-	-	-	-	-	-	5,228	-
Allentown (PA)	-	1,269	-	-	-	-	-	4	-	-	5
Brunner Island (PA)	648,929	3,246	-	-	-	-	262	7	-	614	6
Fishbach (PA)	-	338	-	-	-	-	-	1	-	-	2
Harrisburg (PA)	-	1,579	-	-	-	-	-	5	-	-	4
Harwood (PA)	-	704	-	-	-	-	-	2	-	-	2
Holtwood (PA)	42,352	9,233	-	48,679	-	-	28	*	-	128	1
Jenkins (PA)	-	432	-	-	-	-	-	1	-	-	2
Loch Haven (PA)	-	390	-	-	-	-	-	1	-	-	2
Martins Creek (PA)	124,329	488,119	-	-	-	-	53	829	-	70	1,002
Montour (PA)	1,031,816	79	-	-	-	-	395	*	-	406	11
Sunbury (PA)	206,003	26,081	-	-	-	-	112	2	-	1,114	5
Susquehanna (PA)	-	-	-	-	1,489,397	-	-	-	-	-	-
Wallenpaupack (PA)	-	-	-	9,407	-	-	-	-	-	-	-
West Shore (PA)	-	643	-	-	-	-	-	2	-	-	2
Williamsport (PA)	-	715	-	-	-	-	-	2	-	-	2
Pennsylvania Power Co	1,332,802	4,832	-	-	-	-	581	7	-	1,213	61
Mansfield, Bruce (PA)	1,188,697	4,188	-	-	-	-	510	6	-	1,060	60
New Castle (PA)	144,105	644	-	-	-	-	71	1	-	152	1
Peru City Of Lt & Pwr Dept	1,872	7	-	-	-	-	1	*	-	1	*
Peru (IN)	1,872	7	-	-	-	-	1	*	-	1	*
Peru City Of Mun Pwr Plant	-	38	-16	-	-	-	-	*	-	-	1
Peru (IL)	-	38	-16	-	-	-	-	*	-	-	1
Petersburg Municipal Light & Power	-	3	-	833	-	-	-	*	-	-	*
Petersburg (VA)	-	3	-	833	-	-	-	*	-	-	*
Philadelphia Electric Company	121,090	339,849	11,589	61,837	2,278,055	-	63	624	128	236	360
* Central Storage *	-	-	-	-	-	-	-	-	-	-	39
Chester (PA)	-	731	-	-	-	-	-	2	-	-	6
Conowingo (MD)	-	-	-	125,013	-	-	-	-	-	-	-
Cromby (PA)	38,159	59,011	-	-	-	-	18	96	-	51	28
Croydon (PA)	-	14,856	-	-	-	-	-	34	-	-	88
Delaware (PA)	-	61,896	-	-	-	-	-	113	-	-	51
Eddystone (PA)	82,931	146,762	11,589	-	-	-	45	267	128	185	60
Falls (PA)	-	1,531	-	-	-	-	-	4	-	-	10
Limerick (PA)	-	-	-	-	863,882	-	-	-	-	-	-
Moser (PA)	-	1,655	-	-	-	-	-	4	-	-	10
Muddy Run (PA)	-	-	-	-63,376	-	-	-	-	-	-	-
Peach Bottom (PA)	-	-	-	-	1,414,173	-	-	-	-	-	-
Richmond (PA)	-	5,192	-	-	-	-	-	12	-	-	57
Schuylkill (PA)	-	47,389	-	-	-	-	-	90	-	-	5
Southwark (PA)	-	826	-	-	-	-	-	2	-	-	6
Piggott Public Improvement Dist											
1	-	2	-	-	-	-	-	*	-	-	1
Piggott (AR)	-	2	-	-	-	-	-	*	-	-	1
Piqua Municipal Power System	11,457	37	-	-	-	-	9	*	-	1	3
Piqua (OH)	11,457	37	-	-	-	-	9	*	-	1	3
Placer County Water Agency	-	-	-	146,223	-	-	-	-	-	-	-
French Meadows (CA)	-	-	-	10,983	-	-	-	-	-	-	-
Hell Hole (WA)	-	-	-	419	-	-	-	-	-	-	-
Middle Fork (CA)	-	-	-	78,996	-	-	-	-	-	-	-
Oxbow (CA)	-	-	-	3,595	-	-	-	-	-	-	-
Fialston (CA)	-	-	-	52,230	-	-	-	-	-	-	-
Plains Elec Gen & Trans Coop, Inc	136,533	-	22	-	-	-	77	-	*	169	9
Algodones (NM)	-	-	-	-	-	-	-	-	-	-	-
Escalante (NM)	136,533	-	22	-	-	-	77	-	*	169	9

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	-	-	55	-	-	-	-	-	1	-	-
Plaquemine (LA)	-	-	55	-	-	-	-	-	1	-	-
Platte River Power Auth	175,682	153	-	-	-	-	104	*	-	200	4
Rawhide (CO)	175,682	153	-	-	-	-	104	*	-	200	4
Ponca City Mun Wtr & Lt Dept	-	15	6,429	-	-	-	-	*	80	-	2
Ponca Steam (OK)	-	-	6,290	-	-	-	-	-	79	-	-
Ponca Steam (OK)	-	15	139	-	-	-	-	*	2	-	2
Portland City Of Electric Dept	-	-	-	57	-	-	-	-	-	-	*
Jenkins, Frank (MI)	-	-	-	-	-	-	-	-	-	-	*
Portland (MI)	-	-	-	57	-	-	-	-	-	-	-
Portland General Electric											
Company	-1,406	-	147,563	152,700	417,319	-	-	*	1,375	581	231
Beaver (OR)	-	-	147,563	-	-	-	-	-	1,375	-	209
Bethel (OR)	-	-	-	-	-	-	-	-	-	-	12
Boardman (OR)	-1,406	-	-	-	-	-	-	*	-	581	10
Bull Run (OR)	-	-	-	6,623	-	-	-	-	-	-	-
Faraday (OR)	-	-	-	5,418	-	-	-	-	-	-	-
North Fork (OR)	-	-	-	6,509	-	-	-	-	-	-	-
Oak Grove (OR)	-	-	-	14,259	-	-	-	-	-	-	-
Pelton (OR)	-	-	-	29,766	-	-	-	-	-	-	-
Pelton Re Regulation (OR)	-	-	-	5,959	-	-	-	-	-	-	-
Portland Hydro Proj 1 (OR)	-	-	-	3,214	-	-	-	-	-	-	-
Portland Hydro Proj 2 (OR)	-	-	-	-	-	-	-	-	-	-	-
River Mill (OR)	-	-	-	3,982	-	-	-	-	-	-	-
Round Butte (OR)	-	-	-	67,205	-	-	-	-	-	-	-
Sullivan (OR)	-	-	-	9,765	-	-	-	-	-	-	-
Summit (OR)	-	-	-	-	-	-	-	-	-	-	1
Trojan (OR)	-	-	-	-	417,319	-	-	-	-	-	-
Potomac Edison Co (APS)	31,629	337	-	3,576	-	-	14	*	-	32	1
Dam 4 (WV)	-	-	-	680	-	-	-	-	-	-	-
Dam 5 (WV)	-	-	-	701	-	-	-	-	-	-	-
Harpers Ferry (WV)	-	-	-	10	-	-	-	-	-	-	-
Luray (VA)	-	-	-	370	-	-	-	-	-	-	-
Millville (WV)	-	-	-	975	-	-	-	-	-	-	-
Newport (VA)	-	-	-	400	-	-	-	-	-	-	-
Shenandoah (VA)	-	-	-	200	-	-	-	-	-	-	-
Smith, R P (MD)	31,629	337	-	-	-	-	14	*	-	32	1
Warren (VA)	-	-	-	240	-	-	-	-	-	-	-
Potomac Electric Power Co	1,659,224	438,420	65,865	-	-	-	637	856	745	1,061	946
Benning (DC)	-	120,545	-	-	-	-	-	260	-	-	55
Buzzard Point (DC)	-	6,881	-	-	-	-	-	20	-	-	19
Chalk Point (MD)	416,741	290,908	65,865	-	-	-	158	535	745	221	486
Dickerson (MD)	328,390	1,373	-	-	-	-	126	2	-	259	5
Morgantown (MD)	676,864	17,773	-	-	-	-	253	36	-	488	380
Potomac River (VA)	237,229	940	-	-	-	-	101	2	-	93	1
SMECO CT (MD)	-	-	-	-	-	-	-	-	-	-	-
Power Authority Of The State Of											
NY	-	27,262	153,512	1,689,181	1,181,812	-	-	50	1,700	-	362
Ashokan (NY)	-	-	-	2,625	-	-	-	-	-	-	-
Astoria (NY)	-	27,262	153,512	-	-	-	-	50	1,700	-	362
Blenheim (NY)	-	-	-	-57,815	-	-	-	-	-	-	-
Crescent (NY)	-	-	-	2,147	-	-	-	-	-	-	-
Fitzpatrick (NY)	-	-	-	-	479,830	-	-	-	-	-	-
Hinckley (NY)	-	-	-	1,622	-	-	-	-	-	-	-
Indian Point (NY)	-	-	-	-	701,982	-	-	-	-	-	-
Kensico (NY)	-	-	-	1,596	-	-	-	-	-	-	-
Lewiston (NY)	-	-	-	-34,137	-	-	-	-	-	-	-
Moses Niagara (NY)	-	-	-	1,143,873	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	629,270	-	-	-	-	-	-	-
Vlacher Ferry (NY)	-	-	-	-	-	-	-	-	-	-	-
Pratt City Of	-	-	5,821	-	-	-	-	-	93	-	2
Pratt (KS)	-	-	5,821	-	-	-	-	-	93	-	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	-	147	-	-	-	-	-	*	-	-	1
Princeton (MN)	-	147	-	-	-	-	-	*	-	-	1
Princeton Municipal Utilities	-	46	96	-	-	-	-	*	1	-	1
Princeton (IL)	-	46	96	-	-	-	-	*	1	-	1
Proctor Public Util Comm	-	1	1	-	-	-	-	*	*	-	*
Tecumseh (NE)	-	1	1	-	-	-	-	*	*	-	*
Providence Lt & Wtr	-	-	-	-	-	-	-	-	-	-	-
Providence (RI)	-	-	-	-	-	-	-	-	-	-	-
Provo City Corporation Dept Of Util	-	29	66	-	-	-	-	*	4	-	*
Provo (UT)	-	29	66	-	-	-	-	*	4	-	*
Public Serv Co Of Oklahoma (CSW)	575,838	-	818,441	-	-	-	324	*	7,949	585	2
Comanche (OK)	-	-	148,072	-	-	-	-	-	1,214	-	-
Northeastern (OK)	575,838	-	245,822	-	-	-	324	*	2,356	585	*
Riverside (OK)	-	-	346,739	-	-	-	-	*	3,521	-	1
Southwestern (OK)	-	-	77,723	-	-	-	-	*	849	-	1
Tulsa (OK)	-	-	-	-	-	-	-	-	-	-	*
Weleetka (OK)	-	-	85	-	-	-	-	-	8	-	*
Public Service Co Of Colorado	1,120,168	768	10,841	13,559	-	-	630	1	130	1,471	132
Alamosa (CO)	-	-	17	-	-	-	-	-	1	-	6
Arapahoe (CO)	61,340	-	733	-	-	-	33	-	9	141	-
Boulder Hydro (CO)	-	-	-	1,356	-	-	-	-	-	-	-
Cabin Creek (CO)	-	-	-	-1,805	-	-	-	-	-	-	-
Cameo (CO)	40,024	1	535	-	-	-	21	*	7	29	*
Cherokee (CO)	333,957	-	7,700	-	-	-	165	-	82	340	3
Comanche (CO)	301,669	496	98	-	-	-	188	1	1	454	5
Fort Lupton (CO)	-	-	69	-	-	-	-	-	2	-	10
Fruita (CO)	-	-	-9	-	-	-	-	-	-	-	*
Georgetown Hydro (CO)	-	-	-	1,085	-	-	-	-	-	-	-
Palisade Hydro (CO)	-	-	-	1,047	-	-	-	-	-	-	-
Pawnee (CO)	279,257	271	-	-	-	-	176	*	-	418	8
Salida No. 1 Hydro (CO)	-	-	-	567	-	-	-	-	-	-	-
Salida No. 2 Hydro (CO)	-	-	-	367	-	-	-	-	-	-	-
Shoshone Hydro (CO)	-	-	-	10,942	-	-	-	-	-	-	-
Valmont (CO)	103,921	-	288	-	-	-	47	-	3	89	9
Zuni (CO)	-	-	1,430	-	-	-	-	-	25	-	91
Public Service Co Of Ind, Inc	2,380,733	8,712	-	27,072	-	-	1,128	15	-	2,344	41
Cayuga (IN)	574,739	579	-	-	-	-	269	1	-	447	3
Connersville (IN)	-	184	-	-	-	-	-	1	-	-	10
Edwardsport (IN)	10,377	248	-	-	-	-	8	1	-	33	4

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)
Public Service Co Of Ind, Inc											
Gallagher, R (IN)	227,280	1,956	-	-	-	-	113	3	-	244	1
Gibson (IN)	1,334,134	3,261	-	-	-	-	618	5	-	1,430	9
Markland (IN)	-	-	-	27,072	-	-	-	-	-	-	-
Miami Wabash (IN)	-	162	-	-	-	-	-	1	-	-	8
Noblesville (IN)	5,632	96	-	-	-	-	4	*	-	13	*
Wabash River (IN)	228,571	2,226	-	-	-	-	117	4	-	177	4
Public Service Co Of New Hampshire	251,401	77,181	-	19,268	500,476	-	98	152	-	383	479
Amoskeag (NH)	-	-	-	4,925	-	-	-	-	-	-	-
Ayers Island (NH)	-	-	-	3,131	-	-	-	-	-	-	-
Canaan (VT)	-	-	-	826	-	-	-	-	-	-	-
Eastman Falls (NH)	-	-	-	1,796	-	-	-	-	-	-	-
Garvin Falls (NH)	-	-	-	2,472	-	-	-	-	-	-	-
Gorham (NH)	-	-	-	1,201	-	-	-	-	-	-	-
Hooksett (NH)	-	-	-	849	-	-	-	-	-	-	-
Jackman (NH)	-	-	-	22	-	-	-	-	-	-	-
Lost Nation (NH)	-	-9	-	-	-	-	-	-	-	-	2
Merrimack (NH) ..	251,401	76	-	-	-	-	98	*	-	245	3
Newington (NH)	-	34,125	-	-	-	-	-	61	-	-	1
Schiller (NH)	-	42,993	-	-	-	-	-	91	-	138	470
Seabrook (NH)	-	-	-	-	500,476	-	-	-	-	-	-
Smith (NH)	-	-	-	4,046	-	-	-	-	-	-	-
Swans Falls (ME)	-	2	-	-	-	-	-	*	-	-	*
White Lake (NH)	-	-6	-	-	-	-	-	-	-	-	2
Public Service Co Of New Mexico	860,773	1,927	805	-	-	-	526	4	59	546	34
Las Vegas (NM)	-	-15	-	-	-	-	-	*	-	-	5
Person (NM)	-	-	-	-	-	-	-	-	-	-	-
Reeves (NM)	-	-	805	-	-	-	-	-	59	-	-
San Juan (NM)	860,773	1,942	-	-	-	-	526	4	-	546	29
Public Service Elec And Gas Co	608,675	194,933	496,585	-	1,237,036	-	224	410	5,650	600	1,116
Bayonne (NJ)	-	71	-	-	-	-	-	1	-	-	6
Bergen (NJ)	-	99	175,502	-	-	-	-	*	1,890	-	294
Burlington (NJ)	-	41,250	-	-	-	-	-	89	-	-	145
Edison (NJ)	-	1,100	13	-	-	-	-	3	*	-	52
Essex (NJ)	-	-	40,640	-	-	-	-	-	538	-	1
Hope Creek (NJ)	-	-	-	-	757,962	-	-	-	-	-	-
Hudson (NJ)	293,378	1,133	176,339	-	-	-	115	4	1,828	298	109
Kearny (NJ)	-	38,137	1,898	-	-	-	-	85	32	-	171
Linden (NJ)	-	101,590	3,871	-	-	-	-	198	79	-	222
Mercer (NJ)	315,297	2,658	6,013	-	-	-	110	9	56	302	19
National Park (NJ)	-	74	-	-	-	-	-	*	-	-	2
Salem (NJ)	-	145	-	-	479,074	-	-	*	-	-	14
Sewaren (NJ)	-	8,676	92,289	-	-	-	-	22	1,227	-	81
Puget Sound Power & Light Company	-	-45	5,308	127,416	-	-	-	*	65	-	186
Crystal Mountain (WA)	-	-	-	-	-	-	-	-	-	-	-
Electron (WA)	-	-	-	16,269	-	-	-	-	-	-	-
Frederickson (WA)	-	-	1,972	-	-	-	-	-	24	-	75
Fredonia (WA)	-	-	-	-	-	-	-	*	-	-	50
Lower Baker (WA)	-	-	-	40,185	-	-	-	-	-	-	-
Nooksack (WA)	-	-	-	788	-	-	-	-	-	-	-
Shuffleton (WA)	-	-45	-	-	-	-	-	-	-	-	*
Snoqualmie (WA)	-	-	-	21,119	-	-	-	-	-	-	-
South Whidbey (WA)	-	-	-	-	-	-	-	-	-	-	5
Upper Baker (WA)	-	-	-	45,660	-	-	-	-	-	-	-
White River (WA)	-	-	-	3,316	-	-	-	-	-	-	-
Whitehorn (WA)	-	-	3,336	-	-	-	-	-	40	-	55
Radford Mun Power Plant	-	-	-	376	-	-	-	-	-	-	-
Radford (VA)	-	-	-	376	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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 ...	2,919	-	-	-	-	-	2	-	-	2	-
Raton (NM)	2,919	-	-	-	-	-	2	-	-	2	-
Rayne Elec Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Rayne (LA)	-	-	-	-	-	-	-	-	-	-	-
Red Bud City Of	-	42	-	-	-	-	-	*	-	-	2
Red Bud (IL)	-	42	-	-	-	-	-	*	-	-	2
Red Cloud City Of Mun Lt & Pwr	-	43	-	-	-	-	-	*	-	-	*
Red Cloud (NE)	-	43	-	-	-	-	-	*	-	-	*
Redding City Of	-	-	-	603	-	-	-	-	-	-	-
Whiskeytown (CA)	-	-	-	603	-	-	-	-	-	-	-
Redlands Water & Power Co	-	-	-	638	-	-	-	-	-	-	-
Redlands (CO)	-	-	-	638	-	-	-	-	-	-	-
Redwood Falls Pub Util Comm	-	304	-	185	-	-	-	1	-	-	1
Redwood Falls (MN)	-	304	-	185	-	-	-	1	-	-	1
Remsen Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Remsen (IA)	-	-	-	-	-	-	-	-	-	-	-
Rensselaer City Of Mun Power											
Plant	-	1	-	-	-	-	-	*	-	-	1
Rensselaer (IN)	-	1	-	-	-	-	-	*	-	-	1
Renwick Light & Power Plant	-	-	-	-	-	-	-	-	-	-	-
Renwick (IA)	-	-	-	-	-	-	-	-	-	-	-
Rich Hill City Of	-	-	-	-	-	-	-	-	-	-	-
Rich Hill (MO)	-	-	-	-	-	-	-	-	-	-	-
Richmond Power & Light	48,886	-	-	-	-	-	26	-	-	39	1
Whitewater Valley (IN)	48,886	-	-	-	-	-	26	-	-	39	1
River Falls Municipal Utilities	-	119	710	191	-	-	-	*	6	-	4
Junction (WI)	-	119	710	122	-	-	-	*	6	-	4
Powell Falls (WI)	-	-	-	69	-	-	-	-	-	-	-
Robstown City Of	-	168	2,390	-	-	-	-	*	27	-	7
Robstown (TX)	-	168	2,390	-	-	-	-	*	27	-	7
Rochelle Municipal Utilities	-	55	4,363	-	-	-	-	*	106	-	2
Rochelle No. 1 (IL)	-	55	303	-	-	-	-	*	4	-	1
Rochelle No. 2 (IL)	-	-	4,060	-	-	-	-	-	102	-	*
Rochester City Of Elec Dept	18,688	600	4,384	1,919	-	-	9	2	49	31	2
Cascade Creek (MN)	-	600	-	-	-	-	-	2	-	-	2
Rochester (MN)	-	-	-	1,919	-	-	-	-	-	-	-
Silver Lake (MN)	18,688	-	4,384	-	-	-	9	-	49	31	-
Rochester Gas & Elec Corp	165,656	641	507	8,339	351,218	-	66	1	8	178	5
Glina (NY)	-	-	-	-	351,218	-	-	-	-	-	-
Station 160 (NY)	-	-	-	204	-	-	-	-	-	-	-
Station 170 (NY)	-	-	-	40	-	-	-	-	-	-	-
Station 172 (NY)	-	-	-	40	-	-	-	-	-	-	-
Station 2 (NY)	-	-	-	2,050	-	-	-	-	-	-	-
Station 26 (NY)	-	-	-	629	-	-	-	-	-	-	-
Station 3 (NY)	42,443	70	-	-	-	-	16	*	-	38	3
Station 5 (NY)	-	-	-	5,376	-	-	-	-	-	-	-
Station 7 (NY)	123,213	571	-	-	-	-	50	1	-	140	1
Station 9 (NY)	-	-	507	-	-	-	-	-	8	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	-	11	109	-	-	-	-	*	1	-	*
Rockport (MO)	-	11	109	-	-	-	-	*	1	-	*
Rock Rapids City Of (Util Div)	-	4	-	-	-	-	-	*	-	-	*
Rock Rapids (IA)	-	4	-	-	-	-	-	*	-	-	*
Rockford Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Rockford (IA)	-	-	-	-	-	-	-	-	-	-	-
Rockville Center El Lt Dept	-	758	5,695	-	-	-	-	2	72	-	2
Rockville (NY)	-	758	5,695	-	-	-	-	2	72	-	2
Roseau, Village Of	-	-2	-	-	-	-	-	*	-	-	*
Roseau (MN)	-	-2	-	-	-	-	-	*	-	-	*
Russell City Of	-	545	4,409	-	-	-	-	1	51	-	3
Russell (KS)	-	545	4,409	-	-	-	-	1	51	-	3
Ruston Water & Light Plant	-	-	14,192	-	-	-	-	-	161	-	-
Ruston (LA)	-	-	14,192	-	-	-	-	-	161	-	-
Sabetha City Of	-	287	630	-	-	-	-	1	9	-	1
Sabetha (KS)	-	287	630	-	-	-	-	1	9	-	1
Sacramento Municipal Utility Dist	-	1	1,243	163,095	-	71,153	-	*	19	-	2
Camino (CA)	-	-	-	38,820	-	-	-	-	-	-	-
Camp Far W (CA)	-	-	-	2,710	-	-	-	-	-	-	-
Coldwater Creek (CA)	-	-	-	-	-	19,454	-	-	-	-	-
Jaybird (CA)	-	-	-	60,850	-	-	-	-	-	-	-
Jones Fork (CA)	-	-	-	481	-	-	-	-	-	-	-
Loon Lake (CA)	-	-	-	7,327	-	-	-	-	-	-	-
McClellan (CA)	-	1	1,243	-	-	-	-	*	19	-	2
Rancho Seco (CA)	-	-	-	-	-	-	-	-	-	-	-
Robbs Peak (CA)	-	-	-	2,078	-	-	-	-	-	-	-
Slab Creek (CA)	-	-	-	286	-	-	-	-	-	-	-
Smudgeo (CA)	-	-	-	-	-	51,437	-	-	-	-	-
Solar (CA)	-	-	-	-	-	262	-	-	-	-	-
Union Valley (CA)	-	-	-	15,954	-	-	-	-	-	-	-
White Rock (CA)	-	-	-	34,589	-	-	-	-	-	-	-
Safe Harbor Water Power Corp ...	-	-	-	73,869	-	-	-	-	-	-	-
Safe Harbor (PA)	-	-	-	73,869	-	-	-	-	-	-	-
Salt River Proj Agri Imp Pwr Dist 2,043,787	3,235	169,612	53,191	-	-	-	974	5	1,775	2,273	648
* Central Storage *	-	-	-	-	-	-	-	-	-	-	42
Agua Fria (AZ)	-	2	75,840	-	-	-	-	*	870	-	242
Coronado (AZ)	406,438	1,645	-	-	-	-	217	3	-	443	19
Crosscut (AZ)	-	-4	-	-	-	-	-	-	-	-	2
Horse Mesa (AZ)	-	-	-	23,921	-	-	-	-	-	-	-
Kyrene (AZ)	-	4	2,233	-	-	-	-	*	40	-	144
Mormon Flat (AZ)	-	-	-	11,798	-	-	-	-	-	-	-
Navajo (AZ)	1,637,349	1,588	-	-	-	-	757	2	-	1,831	73
Roosevelt (AZ)	-	-	-	10,443	-	-	-	-	-	-	-
San Tan (AZ)	-	-	91,539	-	-	-	-	-	865	-	126
South Con (AZ)	-	-	-	-	-	-	-	-	-	-	-
Stewart Mtn (AZ)	-	-	-	7,029	-	-	-	-	-	-	-
San Antonio Public Service Bd	458,355	988	458,719	-	-	-	290	2	4,691	605	552
Braunig, V H (TX)	-	-	166,013	-	-	-	-	-	1,731	-	327
Deely, J T (TX)	458,355	882	-	-	-	-	290	2	-	605	-
Leon Creek (TX)	-	-	336	-	-	-	-	-	7	-	2
Mission Road (TX)	-	-	196	-	-	-	-	-	7	-	-
Sommers, O W (TX)	-	86	285,066	-	-	-	-	*	2,859	-	171
Tuttle, W B (TX)	-	-	7,108	-	-	-	-	-	87	-	52
San Diego Gas & Electric	-	23,745	519,253	-	-	-153	-	41	5,549	-	1,681
Company	-	-	-	-	-	-	-	-	-	-	3
* Central Storage *	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	44	-	-	-	-	-	*	-	-	-
El Cajon (CA)	-	-	69	-	-	-	-	*	1	-	1
Encina (CA)	-	17,963	287,344	-	-	-	-	31	2,924	-	1,313
Heber (CA)	-	-	-	-	-	-153	-	-	-	-	-
Kearny (CA)	-	26	3,333	-	-	-	-	*	57	-	41
Miramar (CA)	-	-	3,483	-	-	-	-	-	54	-	3
Naval Station (CA)	-	2	529	-	-	-	-	*	7	-	10
Naval Training Ctr (CA)	-	2	450	-	-	-	-	*	8	-	1
North Island (CA)	-	31	284	-	-	-	-	*	5	-	1
Silver Gate (CA)	-	-	-	-	-	-	-	-	-	-	-
South Bay (CA)	-	5,877	243,858	-	-	-	-	9	2,484	-	308
Station B (CA)	-	-	-97	-	-	-	-	-	8	-	-
San Miguel Electric Coop	271,674	660	-	-	-	-	272	2	-	392	17
San Miguel (TX)	271,674	660	-	-	-	-	272	2	-	392	17
Sanborn Municipal Light Plant											
Sanborn (IA)	-	-	-	-	-	-	-	-	-	-	-
Santa Clara City Of											
Cogen Plant (CA)	-	-	4,443	1,419	-	-	-	-	68	-	2
Glanera (CA)	-	-	3,069	-	-	-	-	-	49	-	*
Highline (CA)	-	-	1,374	-	-	-	-	-	19	-	2
Stony Gorge (CA)	-	-	-	207	-	-	-	-	-	-	-
Stony Gorge (CA)	-	-	-	1,212	-	-	-	-	-	-	-
Sargent City Of											
Sargent (NE)	-	-	-	-	-	-	-	-	-	-	*
Savannah Electric & Power Co											
Boulevard (GA)	221,114	10,474	13,787	-	-	-	89	18	139	149	104
McIntosh (GA)	-	-	383	-	-	-	-	-	8	-	14
Port Wentworth (GA)	101,601	51	-	-	-	-	41	*	-	60	41
Riverside (GA)	119,513	10,423	8,936	-	-	-	48	18	87	89	40
Riverside (GA)	-	-	4,468	-	-	-	-	-	43	-	9
Seaford Lt & Power											
Seaford (DE)	-	126	-	-	-	-	-	*	-	-	1
Seaford (DE)	-	126	-	-	-	-	-	*	-	-	1
Seattle Dept Of Lighting											
Boundary (WA)	-	-	-	731,970	-	-	-	-	-	-	-
Cedar Falls (WA)	-	-	-	446,791	-	-	-	-	-	-	-
Diablo (WA)	-	-	-	1,526	-	-	-	-	-	-	-
Gorge (WA)	-	-	-	93,007	-	-	-	-	-	-	-
New Halem (WA)	-	-	-	99,978	-	-	-	-	-	-	-
Ross Dam (WA)	-	-	-	1,546	-	-	-	-	-	-	-
Ross Dam (WA)	-	-	-	89,122	-	-	-	-	-	-	-
Sebewaing Lt & Wtr Dept											
Main Street (MI)	-	-	-	-	-	-	-	-	-	-	1
Pine Street (MI)	-	-	-	-	-	-	-	-	-	-	1
Sebring Utilities Commission											
S Dinner Lk (FL)	-	11,583	25	-	-	-	-	18	2	-	58
S Phillips (FL)	-	-	25	-	-	-	-	-	2	-	-
Sebring (FL)	-	11,355	-	-	-	-	-	17	-	-	57
Sebring (FL)	-	228	-	-	-	-	-	*	-	-	1
Sequin City Of											
Sequin (TX)	-	1	-	84	-	-	-	*	-	-	*
Sequin (TX)	-	1	-	84	-	-	-	*	-	-	*
Seminole Electric Coop Inc											
Seminole (FL)	798,156	1,668	-	-	-	-	337	2	-	477	8
Seminole (FL)	798,156	1,668	-	-	-	-	337	2	-	477	8
Seneca Hydroelectric Company											
Inc	-	-	-	169	-	-	-	-	-	-	-
Seneca (NY)	-	-	-	169	-	-	-	-	-	-	-
Seward Electric System											
Schoonmaker (AK)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	-	1	8	-	-	-	-	*	*	-	*
Sharon Spring (KS)	-	1	8	-	-	-	-	*	*	-	*
Shelby Mun Light Plant	6,713	-	15	-	-	-	5	-	*	13	*
Shelby (OH)	6,713	-	15	-	-	-	5	-	*	13	*
Sho Me Power Cooperative	-	-	-	776	-	-	-	-	-	-	-
Niangua (MO)	-	-	-	776	-	-	-	-	-	-	-
Shrewsbury El Lt Plant	-	83	-	-	-	-	-	*	-	-	2
Shrewsbury (MA)	-	83	-	-	-	-	-	*	-	-	2
Sibley Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Sibley (IA)	-	-	-	-	-	-	-	-	-	-	-
Sidney City Of (Electric Util)	-	4	39	-	-	-	-	*	1	-	1
Sidney (NE)	-	4	39	-	-	-	-	*	1	-	1
Sierra Pacific Power Company	275,833	2,377	198,142	4,518	-	-	135	4	2,088	343	283
Battle Mt (NV)	-	-23	-	-	-	-	-	*	-	-	*
Brunswick (NV)	-	-18	-	-	-	-	-	*	-	-	*
Elko (NV)	-	-9	-	-	-	-	-	-	-	-	*
Fallon (NV)	-	-	-1	-	-	-	-	-	-	-	-
Farad (CA)	-	-	-	1,063	-	-	-	-	-	-	-
Fleish (NV)	-	-	-	1,171	-	-	-	-	-	-	-
Fort Churchill (NV)	-	1,628	116,574	-	-	-	-	3	1,201	-	100
Gabbs (NV)	-	-8	-	-	-	-	-	*	-	-	1
Kings Beach (CA)	-	-29	-	-	-	-	-	*	-	-	1
Lahontan (NV)	-	-	-	907	-	-	-	-	-	-	-
North Valmy (NV)	275,833	741	-	-	-	-	135	1	-	343	3
Portola (CA)	-	-20	-	-	-	-	-	-	-	-	*
Tracy (NV)	-	138	81,516	-	-	-	-	*	894	-	176
Valley Road (NV)	-	-23	-	-	-	-	-	-	-	-	*
Verdi (NV)	-	-	-	915	-	-	-	-	-	-	-
Washoe (NV)	-	-	-	-2	-	-	-	-	-	-	-
Winnemucca (NV)	-	-	53	-	-	-	-	*	2	-	*
26 Foot Drop (NV)	-	-	-	484	-	-	-	-	-	-	-
Sikeston Bd Of Mun Utilities	154,790	59	-	-	-	-	74	*	-	118	2
Coleman, E. F. (MO)	-	4	-	-	-	-	-	*	-	-	*
Sikeston (MO)	154,790	55	-	-	-	-	74	*	-	118	2
Sioux Center Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Sioux Center (IA)	-	-	-	-	-	-	-	-	-	-	-
Sioux Falls Mun Lt & Pwr Dept	-	-	-	-	-	-	-	-	-	-	-
Sioux Falls (SD)	-	-	-	-	-	-	-	-	-	-	-
Sitka City Of (Electric Dept)	-	49	-	6,475	-	-	-	*	-	-	4
Blue Lake (AK)	-	-	-	1,811	-	-	-	-	-	-	-
Green Lake (AK)	-	-	-	4,864	-	-	-	-	-	-	-
Halibut Point (AK)	-	-	-	-	-	-	-	-	-	-	-
Indian River (AK)	-	49	-	-	-	-	-	*	-	-	4
Skaneateles City Of	-	-	-	-	-	-	-	-	-	-	-
Skaneateles (NY)	-	-	-	-	-	-	-	-	-	-	-
Sleepy Eye Public Util Comm	-	1	-	-	-	-	-	*	-	*	1
Sleepy Eye (MN)	-	1	-	-	-	-	-	*	-	*	1
Soda Springs City Of	-	-	-	202	-	-	-	-	-	-	-
Soda Springs (ID)	-	-	-	202	-	-	-	-	-	-	-
South Beloit Wtr Gas & Elec Co ..	-	-	-	522	-	-	-	-	-	-	-
Rockton (IL)	-	-	-	522	-	-	-	-	-	-	-
South Carolina Electric & Gas Co	1,083,317	1,318	189,561	887	608,082	-	433	2	1,717	995	224
Burton (SC)	-	-	97	-	-	-	-	-	2	-	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	113,877	170	84,465	-	-	-	52	*	789	216	3
Coit (SC)	-	-	84	-	-	-	-	-	2	-	2
Columbia Hydro (SC)	-	-	-	2,778	-	-	-	-	-	-	-
Faber Place (SC)	-	-	22	-	-	-	-	-	*	-	-
Fairfield County (SC)	-	-	-	-27,219	-	-	-	-	-	-	-
Hagood (SC)	-	-	928	-	-	-	-	-	11	-	11
Hardeeville (SC)	-	-	-	-	-	-	-	-	-	-	*
Mcmeekin (SC)	115,618	85	43,311	-	-	-	46	*	353	148	3
Neal Shoals (SC)	-	-	-	1,702	-	-	-	-	-	-	-
Parr (SC)	-	-	780	-	-	-	-	-	11	-	6
Parr Hydro (SC)	-	-	-	4,382	-	-	-	-	-	-	-
Saluda Hydro (SC)	-	-	-	11,503	-	-	-	-	-	-	-
Stevens Creek Hydro (GA) ..	-	-	-	7,741	-	-	-	-	-	-	-
Urquhart (SC)	102,239	22	58,338	-	-	-	45	*	527	114	1
V. C. Summer (SC)	-	-	-	-	608,082	-	-	-	-	-	-
Wateree (SC)	394,604	1,041	-	-	-	-	156	1	-	241	6
Williams (SC)	357,179	-	536	-	-	-	134	-	21	279	190
Williams (SC)	-	-	-	-	-	-	-	-	-	-	-
South Carolina Public Service											
Auth	1,189,247	3,565	-	19,259	-	-	479	5	-	795	114
Cross (SC)	337,127	441	-	-	-	-	122	1	-	203	4
Grainger, Dolphus M (SC)	89,310	81	-	-	-	-	36	*	-	33	*
Hilton Head (SC)	-	-41	-	-	-	-	-	-	-	-	24
Jefferies (SC)	166,651	1,701	-	17,592	-	-	68	2	-	100	54
Myrtle Beach (SC)	-	-12	-	-	-	-	-	-	-	-	25
Spillway (SC)	-	-	-	1,052	-	-	-	-	-	-	-
St. Stephen (SC)	-	-	-	615	-	-	-	-	-	-	-
Winyah (SC)	596,159	1,395	-	-	-	-	254	2	-	460	7
South Mississippi Elec Pwr Assn	233,502	153	49,056	-	-	-	97	*	608	258	50
Benndale (MS)	-	-	-	-	-	-	-	-	-	-	-
Morrow (MS)	233,502	123	-	-	-	-	97	*	-	258	10
Moselle (MS)	-	-	49,056	-	-	-	-	-	608	-	40
Paulding (MS)	-	30	-	-	-	-	-	*	-	-	1
South Norwalk Elec Wks, The	-	51	-	-	-	-	-	*	-	-	2
South Norwalk (CT)	-	51	-	-	-	-	-	*	-	-	2
South Texas Elec Coop, Inc	-	-	152	-	-	-	-	-	3	-	23
Rayburn, Sam (TX)	-	-	152	-	-	-	-	-	3	-	23
Southern California Edison											
Company	872,979	6,132	2,518,452	402,786	769,616	-	377	10	24,131	704	6,743
* Central Storage *	-	-	-	-	-	-	-	-	-	-	3,291
Alamitos (CA)	-	-	592,255	-	-	-	-	-	5,674	-	677
Baker Dam (CA)	-	-	-	-	-	-	-	-	-	-	-
Balsam Meadow (CA)	-	-	-	19,202	-	-	-	-	-	-	-
Big Creek 1 (CA)	-	-	-	37,890	-	-	-	-	-	-	-
Big Creek 2 (CA)	-	-	-	31,639	-	-	-	-	-	-	-
Big Creek 2a (CA)	-	-	-	44,077	-	-	-	-	-	-	-
Big Creek 3 (CA)	-	-	-	74,778	-	-	-	-	-	-	-
Big Creek 4 (CA)	-	-	-	58,376	-	-	-	-	-	-	-
Big Creek 6 (CA)	-	-	-	27,780	-	-	-	-	-	-	-
Bishop Creek 2 (CA)	-	-	-	3,358	-	-	-	-	-	-	-
Bishop Creek 3 (CA)	-	-	-	2,987	-	-	-	-	-	-	-
Bishop Creek 4 (CA)	-	-	-	4,105	-	-	-	-	-	-	-
Bishop Creek 5 (CA)	-	-	-	1,587	-	-	-	-	-	-	-
Bishop Creek 6 (CA)	-	-	-	995	-	-	-	-	-	-	-
Borel (CA)	-	-	-	24	-	-	-	-	-	-	-
Cool Water (CA)	-	62	219,896	-	-	-	-	*	2,214	-	423
El Segundo (CA)	-	-	247,335	-	-	-	-	-	2,473	-	212
Elthwood (CA)	-	-3	-9	-	-	-	-	*	*	-	4
Etiwanda (CA)	-	-	106,825	-	-	-	-	-	1,145	-	609
Fontana (CA)	-	-	-	194	-	-	-	-	-	-	-
Highgrove (CA)	-	-	7	-	-	-	-	-	4	-	43
Huntington Beach (CA)	-	20	125,577	-	-	-	-	*	1,250	-	191

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)
Southern California Edison Company											
Kaweah 1 (CA)	-	-	-	1,120	-	-	-	-	-	-	-
Kaweah 2 (CA)	-	-	-	869	-	-	-	-	-	-	-
Kaweah 3 (CA)	-	-	-	762	-	-	-	-	-	-	-
Kern River 1 (CA)	-	-	-	17,254	-	-	-	-	-	-	-
Kern River 3 (CA)	-	-	-	3,987	-	-	-	-	-	-	-
Long Beach (CA)	-	-	92,245	-	-	-	-	-	973	-	124
Lundy (CA)	-	-	-	654	-	-	-	-	-	-	-
Lytle Creek (CA)	-	-	-	93	-	-	-	-	-	-	-
Mammoth Pool (CA)	-	-	-	57,033	-	-	-	-	-	-	-
Mandalay (CA)	-	3,797	150,370	-	-	-	-	6	1,344	-	251
Mill Creek 1 (CA)	-	-	-	205	-	-	-	-	-	-	-
Mill Creek 2&3 (CA)	-	-	-	-	-	-	-	-	-	-	-
Mill Creek 3 (CA)	-	-	-	470	-	-	-	-	-	-	-
Mohave (NV)	872,979	-	21,950	-	-	-	377	-	194	704	-
Ontario 1 (CA)	-	-	-	194	-	-	-	-	-	-	-
Ontario 2 (CA)	-	-	-	79	-	-	-	-	-	-	-
Ormond Beach (CA)	-	-	491,649	-	-	-	-	-	4,742	-	522
Pebbly Beach (CA)	-	2,256	-	-	-	-	-	4	-	-	3
Poole (CA)	-	-	-	2,342	-	-	-	-	-	-	-
Portal (CA)	-	-	-	7,191	-	-	-	-	-	-	-
Redondo Beach (CA)	-	-	462,724	-	-	-	-	-	4,026	-	320
Rush Creek (CA)	-	-	-	3,003	-	-	-	-	-	-	-
San Bernardino (CA)	-	-	7,628	-	-	-	-	-	91	-	71
San Geronio (CA)	-	-	-	68	-	-	-	-	-	-	-
San Geronio (CA)	-	-	-	-	-	-	-	-	-	-	-
San Onofre (CA)	-	-	-	-	769,616	-	-	-	-	-	-
Santa Ana 1 (CA)	-	-	-	257	-	-	-	-	-	-	-
Santa Ana 2 (CA)	-	-	-	109	-	-	-	-	-	-	-
Santa Ana 3 (CA)	-	-	-	-2	-	-	-	-	-	-	-
Sierra (CA)	-	-	-	139	-	-	-	-	-	-	-
Tule River (CA)	-	-	-	157	-	-	-	-	-	-	-
Wind (CA)	-	-	-	-	-	-	-	-	-	-	-
Southern Illinois Power Coop	111,233	200	-	-	-	-	64	*	-	331	3
Marion (IL)	111,233	200	-	-	-	-	64	*	-	331	3
Southern Indiana Gas & Electric Co											
A. B. Brown (IN)	468,166	663	1,850	-	-	-	225	1	27	522	3
Broadway (IN)	224,769	617	-	-	-	-	107	1	-	179	2
Culley (IN)	-	-	1,330	-	-	-	-	-	20	-	1
Northeast (IN)	224,116	46	86	-	-	-	109	*	1	130	*
Warrick (IN)	-	-	95	-	-	-	-	-	2	-	-
Warrick (IN)	19,281	-	339	-	-	-	10	-	4	213	-
Southwest Public Power District											
Palisade (NE)	-	-	-	-	-	-	-	-	-	-	-
Southwestern Elec Power Co (CSW)											
Arsenal Hill (LA)	1,384,565	1,043	259,286	-	-	-	968	2	2,645	3,283	128
Flint Creek (AR)	240,185	109	-	-	-	-	160	*	-	551	16
Knox Lee (TX)	-	-	98,077	-	-	-	-	-	941	-	66
Lieberman (LA)	-	-	56,451	-	-	-	-	-	564	-	8
Lone Star (TX)	-	-	-	-	-	-	-	-	-	-	14
Pirkey (TX)	320,719	-	299	-	-	-	273	-	3	376	13
Welsh (TX)	823,661	934	-	-	-	-	535	2	-	2,336	8
Wilkes (TX)	-	-	104,459	-	-	-	-	-	1,137	-	4
Southwestern Public Service Co											
Carlsbad (NM)	1,335,249	108	509,806	-	-	24,989	755	*	5,174	1,076	67
Celanese (TX)	-	-	80	-	-	-	-	-	1	-	-
Cunningham (NM)	-	-	143,138	-	-	24,989	-	-	-	-	-
Harrington (TX)	657,392	-	484	-	-	-	378	-	5	674	-
Jones (TX)	-	-	139,408	-	-	-	-	-	1,415	-	48
Maddox (NM)	-	-	75,990	-	-	-	-	-	763	-	-
Nichols (TX)	-	-	59,683	-	-	-	-	-	864	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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)	-	93	90,095	-	-	-	-	*	938	-	18
Tolk Station (TX)	677,857	-	948	-	-	-	377	-	9	402	-
Tucumcari (NM)	-	15	-	-	-	-	-	*	-	-	1
Spalding Mun Lt & Pwr Co	-	-	-	44	-	-	-	-	-	-	*
Spalding (NE)	-	-	-	44	-	-	-	-	-	-	*
Spartanburg City Of	-	-	-	6	-	-	-	-	-	-	-
Spartanburg (SC)	-	-	-	6	-	-	-	-	-	-	-
Spencer Municipal Utilities	-	29	-	-	-	-	-	*	-	-	14
Spencer (IA)	-	29	-	-	-	-	-	*	-	-	14
Spokane City Of (Water Division)	-	-	-	-	-	-	-	-	-	-	-
Upriver (WA)	-	-	-	-	-	-	-	-	-	-	-
Spring Valley City Of	-	-	7	-	-	-	-	*	*	-	*
Spring Valley (MN)	-	-	7	-	-	-	-	*	*	-	*
Springfield City Of	174,445	710	-	-	-	-	97	2	-	89	9
Dallman (IL)	157,104	221	-	-	-	-	85	*	-	87	-
Factory (IL)	-	158	-	-	-	-	-	*	-	-	4
Lakeside (IL)	17,341	201	-	-	-	-	12	*	-	2	3
Reynolds (IL)	-	130	-	-	-	-	-	*	-	-	1
Springfield City Of	-	-	-	-	-	-	-	-	-	-	-
Springfield (CO)	-	-	-	-	-	-	-	-	-	-	-
Springfield Public Utilities	-	-	-	-	-	-	-	-	-	-	1
Springfield (MN)	-	-	-	-	-	-	-	-	-	-	1
Springfield Utilities	212,681	6	8,399	-	-	-	102	*	104	164	8
James River (MO)	105,133	-	7,293	-	-	-	54	-	89	132	3
Main Street (MO)	-	6	-	-	-	-	-	*	-	-	1
Southwest (MO)	107,548	-	1,106	-	-	-	48	-	16	31	4
Springville Electric System	-	-	-	170	-	-	-	-	-	-	-
Springville (NY)	-	-	-	170	-	-	-	-	-	-	-
Springville Municipal Corporation	-	2	11	254	-	-	-	*	*	-	*
Bartholomew (UT)	-	-	-	218	-	-	-	-	-	-	-
Hobble Creek (UT)	-	-	-	36	-	-	-	-	-	-	-
Spring Creek (UT)	-	-	-	-	-	-	-	-	-	-	-
Whitehead (UT)	-	2	11	-	-	-	-	*	*	-	*
St Cloud Public Utilities	-	544	3,989	-	-	-	-	1	44	-	2
St Cloud (FL)	-	544	3,989	-	-	-	-	1	44	-	2
St Francis City Of	-	-	1	-	-	-	-	*	*	-	*
St Francis (KS)	-	-	1	-	-	-	-	*	*	-	*
St George City Corp Util											
Commission	-	663	-	-	-	-	-	2	-	-	2
Gunlock Hydro (UT)	-	-	-	-	-	-	-	-	-	-	-
No 2 Diesel (ID)	-	661	-	-	-	-	-	1	-	-	1
St. George (UT)	-	2	-	-	-	-	-	1	-	-	*
St John City Of	-	25	237	-	-	-	-	*	3	-	*
St John (KS)	-	25	237	-	-	-	-	*	3	-	*
St Joseph Light & Power Co	22,263	65	3,450	-	-	-	12	*	52	28	49
Lake Road (MO)	22,263	65	3,450	-	-	-	12	*	52	28	49
St Louis Electric Utility	-	-	-	-	-	-	-	-	-	-	*
Saint Louis (MI)	-	-	-	-	-	-	-	-	-	-	*
St Marys Mun Lt & Pwr Plant	4,478	-	-	-	-	-	3	*	-	*	*
Saint Marys (OH)	4,478	-	-	-	-	-	3	*	-	*	*

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	-	49	598	-	-	-	-	*	9	-	*
Stafford (KS)	-	49	598	-	-	-	-	*	9	-	*
Stanberry Power Co	-	-	-	-	-	-	-	-	-	-	-
Stanberry (MO)	-	-	-	-	-	-	-	-	-	-	-
Starke Mun Lt & Wtr Plant	-	53	372	-	-	-	-	*	6	-	1
Starke (FL)	-	53	372	-	-	-	-	*	6	-	1
State Center Mun Lt Plant	-	9	-	-	-	-	-	*	-	-	*
State Center (IA)	-	9	-	-	-	-	-	*	-	-	*
Sterling City Of	-	109	309	-	-	-	-	*	3	-	2
Sterling (KS)	-	109	309	-	-	-	-	*	3	-	2
Stillwater City Of	-	-	-	-	-	-	-	-	-	-	1
Boomer Lake (OK)	-	-	-	-	-	-	-	-	-	-	1
Stockton City Of	-	26	403	-	-	-	-	*	6	-	*
Stockton (KS)	-	26	403	-	-	-	-	*	6	-	*
Story City Mun Elec Utility	-	-	-	-	-	-	-	-	-	-	-
Story City (IA)	-	-	-	-	-	-	-	-	-	-	-
Strawberry Point Lt & Wtr Dept ..	-	19	5	-	-	-	-	*	*	-	*
Strawberry Point (IA)	-	19	5	-	-	-	-	*	*	-	*
Strawberry Water Users Assoc ...	-	-	-	1,158	-	-	-	-	-	-	-
Payson (UT)	-	-	-	131	-	-	-	-	-	-	-
Spanish Fork (UT)	-	-	-	1,027	-	-	-	-	-	-	-
Stuart Light & Power Plant	-	-	-	-	-	-	-	-	-	-	*
Stuart (NE)	-	-	-	-	-	-	-	-	-	-	*
Stuart Light & Power System	-	-	11	-	-	-	-	*	2	-	*
Stuart (IA)	-	-	11	-	-	-	-	*	2	-	*
Sturgis City Of	-	54	155	702	-	-	-	*	2	-	1
Centerville (MI)	-	-	-	702	-	-	-	-	-	-	-
Sturgis (MI)	-	54	155	-	-	-	-	*	2	-	1
Sullivan City Of	-	210	3,326	-	-	-	-	*	33	-	2
Sullivan (IL)	-	210	3,326	-	-	-	-	*	33	-	2
Summer Municipal Light Dept	-	2	17	-	-	-	-	*	*	-	2
Summer (IA)	-	2	17	-	-	-	-	*	*	-	2
Sunflower Electric Coop	198,117	-	1,518	-	-	-	120	-	19	132	-
Garden City (KS)	-	-	756	-	-	-	-	-	10	-	-
Holcomb (KA)	198,117	-	762	-	-	-	120	-	9	132	-
Superior Water Lt & Pwr Co.	-	-	-	-	-	-	-	-	-	-	-
Winslow (WI)	-	-	-	-	-	-	-	-	-	-	-
Swans Island Electric Coop, Inc ..	-	-	-	-	-	-	-	-	-	-	*
Minturn (ME)	-	-	-	-	-	-	-	-	-	-	*
Swanton Electric Department	-	-	-	1,501	-	-	-	-	-	-	-
Higate Falls (VT)	-	-	-	1,501	-	-	-	-	-	-	-
System Energy Resources	-	-	-	-	650,194	-	-	-	-	-	-
Grand Gulf (MS)	-	-	-	-	650,194	-	-	-	-	-	-
Tacoma Dept Of Pub Util (Light Div)	-	-	-	168,291	-	-	-	-	-	-	-
Alder (WA)	-	-	-	16,516	-	-	-	-	-	-	-
Cushman 1 (WA)	-	-	-	3,098	-	-	-	-	-	-	-
Cushman 2 (WA)	-	-	-	6,438	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	25,738	-	-	-	-	-	-	-
Mayfield (WA)	-	-	-	41,230	-	-	-	-	-	-	-
Mossyrock (WA)	-	-	-	75,271	-	-	-	-	-	-	-
Tallahassee City Of	-	-	146,419	159	-	-	-	-	1,576	-	328
Hopkins, Arvah B (FL)	-	-	130,951	-	-	-	-	-	1,354	-	194
Jackson Bluff (FL)	-	-	-	159	-	-	-	-	-	-	-
Purdum, S O (FL)	-	-	15,468	-	-	-	-	-	222	-	134
Tampa Electric Company	1,282,436	13,067	-	-	-	-	539	30	-	1,966	61
* Central Storage *	-	-	-	-	-	-	-	-	-	1,018	-
B'g Bend (FL)	744,580	9,866	-	-	-	-	312	25	-	705	58
Gannon, F J (FL)	537,856	3,201	-	-	-	-	227	5	-	243	3
Hookers Point (FL)	-	-	-	-	-	-	-	-	-	-	-
Tapoco, Inc	-	-	-	163,730	-	-	-	-	-	-	-
Calderwood (TN)	-	-	-	70,460	-	-	-	-	-	-	-
Cheoah (NC)	-	-	-	64,055	-	-	-	-	-	-	-
Chilhowee (TN)	-	-	-	20,465	-	-	-	-	-	-	-
Santeetlah (NC)	-	-	-	8,750	-	-	-	-	-	-	-
Taunton Mun Lighting Plant	-	2,364	23,842	-	-	-	-	5	262	-	55
Cleary, B F (MA)	-	2,364	23,842	-	-	-	-	5	262	-	55
Tennessee Valley Authority	7,518,130	14,764	33,963	1,035,084	1,809,482	-	3,210	26	446	7,188	460
Allen (TN)	331,684	885	17,497	-	-	-	137	2	223	144	131
Apalachia (TN)	-	-	-	38,184	-	-	-	-	-	-	-
Blue Ridge (GA)	-	-	-	4,566	-	-	-	-	-	-	-
Boone (TN)	-	-	-	14,011	-	-	-	-	-	-	-
Browns Ferry (AL)	-	-	-	-	-9,020	-	-	-	-	-	-
Bull Run (TN)	627,815	58	-	-	-	-	245	-	-	206	4
Chatuge (NC)	-	-	-	1,794	-	-	-	-	-	-	-
Cherokee (TN)	-	-	-	36,739	-	-	-	-	-	-	-
Chickamauga (TN)	-	-	-	67,273	-	-	-	-	-	-	-
Colbert (AL)	451,427	356	16,466	-	-	-	195	1	223	691	95
Cumberland (TN)	924,726	4,018	-	-	-	-	412	6	-	1,831	9
Douglas (TN)	-	-	-	23,010	-	-	-	-	-	-	-
Fontana (NC)	-	-	-	132,415	-	-	-	-	-	-	-
Fort Loudoun (TN)	-	-	-	68,976	-	-	-	-	-	-	-
Fort Patrick Henry (TN)	-	-	-	8,258	-	-	-	-	-	-	-
Gallatin (TN)	611,028	1,710	-	-	-	-	240	4	-	233	38
Great Falls (TN)	-	-	-	1,152	-	-	-	-	-	-	-
Guntersville (AL)	-	-	-	52,179	-	-	-	-	-	-	-
Hiwassee (NC)	-	-	-	21,475	-	-	-	-	-	-	-
Johnsonville (TN)	486,852	2,480	-	-	-	-	243	7	-	571	171
Kentucky (KY)	-	-	-	91,358	-	-	-	-	-	-	-
Kingston (TN)	855,096	1,176	-	-	-	-	336	2	-	512	3
Melton Hill (TN)	-	-	-	12,647	-	-	-	-	-	-	-
Nickajack (TN)	-	-	-	50,278	-	-	-	-	-	-	-
Norris (TN)	-	-	-	43,315	-	-	-	-	-	-	-
Nottely (GA)	-	-	-	4,268	-	-	-	-	-	-	-
Ocoee 1 (TN)	-	-	-	-16	-	-	-	-	-	-	-
Ocoee 2 (TN)	-	-	-	-30	-	-	-	-	-	-	-
Ocoee 3 (TN)	-	-	-	17,326	-	-	-	-	-	-	-
Paradise (KY)	1,477,848	-	-	-	-	-	650	-	-	1,668	5
Pickwick (TN)	-	-	-	86,229	-	-	-	-	-	-	-
Raccoon Mountain (TN)	-	-	-	-61,408	-	-	-	-	-	-	-
Sequoyah (TN)	-	-	-	-	1,618,502	-	-	-	-	-	-
Sevier, John (TN)	479,423	175	-	-	-	-	180	-	-	493	1
Shawnee (KY)	548,385	1,834	-	-	-	-	243	3	-	499	1
South Holston (TN)	-	-	-	14,625	-	-	-	-	-	-	-
Tims Ford (TN)	-	-	-	2,100	-	-	-	-	-	-	-
Watauga (TN)	-	-	-	11,864	-	-	-	-	-	-	-
Watts Bar (TN)	-167	-	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	71,062	-	-	-	-	-	-	-
Wheeler (AL)	-	-	-	76,621	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	724,013	2,071	-	-	-	-	325	3	-	340	2
Wilbur (TN)	-	-	-	2,082	-	-	-	-	-	-	-
Wilson (AL)	-	-	-	142,731	-	-	-	-	-	-	-
Texas Municipal Power Agency ...	281,485	109	-	-	-	-	277	*	-	129	11
Gibbons Creek (TX)	281,485	109	-	-	-	-	277	*	-	129	11
Texas Utils Electric Co (TU)	3,642,212	3,490	3,657,592	-	521,970	-	3,159	10	37,546	1,468	2,116
Big Brown (TX)	705,129	-	4,081	-	-	-	598	-	71	267	-
Collin (TX)	-	-	28,335	-	-	-	-	-	307	-	51
Comanche Peak (TX)	-	-	-	-	521,970	-	-	-	-	-	-
Dallas (TX)	-	-	452	-	-	-	-	-	17	-	36
De Cordova (TX)	-	197	362,889	-	-	-	-	1	3,651	-	140
Eagle Mountain (TX)	-	-	64,352	-	-	-	-	-	798	-	59
Graham (TX)	-	-	208,731	-	-	-	-	-	1,963	-	42
Handley (TX)	-	-	230,911	-	-	-	-	-	2,494	-	257
Lake Creek (TX)	-	-	71,509	-	-	-	-	*	704	-	134
Lake Hubbard (TX)	-	-	298,907	-	-	-	-	-	3,122	-	199
Martin Lake (TX)	1,406,718	1,494	-	-	-	-	1,155	4	-	694	18
Monticello (TX)	1,153,677	1,317	-	-	-	-	1,070	4	-	506	29
Morgan Creek (TX)	-	-	353,091	-	-	-	-	-	3,521	-	205
Mountain Creek (TX)	-	-	294,007	-	-	-	-	-	3,056	-	115
North Lake (TX)	-	-	189,161	-	-	-	-	-	1,984	-	185
North Main (TX)	-	-	1,433	-	-	-	-	-	18	-	16
Parkdale (TX)	-	-	46,427	-	-	-	-	-	611	-	58
Permian Basin (TX)	-	-	280,504	-	-	-	-	-	2,852	-	160
River Crest (TX)	-	-	13,956	-	-	-	-	-	159	-	39
Sandow (TX)	376,688	482	-	-	-	-	336	1	-	-	-
Stryker Creek (TX)	-	-	219,297	-	-	-	-	*	2,214	-	69
Tradinghouse Creek (TX)	-	-	621,406	-	-	-	-	-	6,231	-	143
Trinidad (TX)	-	-	51,474	-	-	-	-	-	535	-	37
Valley (TX)	-	-	316,669	-	-	-	-	-	3,239	-	123
Texas-New Mexico Power Co	85,637	-	200	-	-	-	72	-	3	73	-
Lordsburg (NM)	-	-	-	-	-	-	-	-	-	-	-
TNP One (TX)	85,637	-	200	-	-	-	72	-	3	73	-
Thief River Falls Wtr & Lt Dept ...	-	-	-	-	-	-	-	-	-	-	*
Thief River Falls (MN)	-	-	-	-	-	-	-	-	-	-	*
Thumb Elec Coop Of Michigan	-	-	-	-	-	-	-	-	-	-	1
Caro (MI)	-	-	-	-	-	-	-	-	-	-	1
Ubyly (MI)	-	-	-	-	-	-	-	-	-	-	1
Toledo Edison Company	324,499	865	80	-	511,730	-	121	3	1	171	9
Acme (OH)	17,891	558	80	-	-	-	10	2	1	31	2
Bay Shore (OH)	306,608	307	-	-	-	-	112	1	-	141	3
Davis-Besse (OH)	-	-	-	-	511,730	-	-	-	-	-	-
Richland (OH)	-	-	-	-	-	-	-	-	-	-	3
Stryker (OH)	-	-	-	-	-	-	-	-	-	-	1
Traer Municipal Utilities	-	-	2	-	-	-	-	-	*	-	*
Traer (IA)	-	-	2	-	-	-	-	-	*	-	*
Traverse City Of	7,146	-	-	1,313	-	-	4	-	-	20	-
Bayside (MI)	7,146	-	-	-	-	-	4	-	-	20	-
Boardman (MI)	-	-	-	569	-	-	-	-	-	-	-
Brown Bridge (MI)	-	-	-	271	-	-	-	-	-	-	-
Elk Rapids (MI)	-	-	-	198	-	-	-	-	-	-	-
Sabin (MI)	-	-	-	275	-	-	-	-	-	-	-
Trenton Light & Power Plant	-	-	-	-	-	-	-	-	-	-	-
Trenton (NE)	-	-	-	-	-	-	-	-	-	-	-
Trenton Municipal Utilities	-	126	-	-	-	-	-	*	-	-	2
Trenton (MO)	-	8	-	-	-	-	-	*	-	-	1
Trenton PKG (MO)	-	118	-	-	-	-	-	*	-	-	2

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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 ..	-	8	-	-	-	-	-	*	-	-	16
Burlington (CO)	-	8	-	-	-	-	-	*	-	-	16
Trinidad Mun Pwr & Lt Dept	-	-	-	-	-	-	-	-	-	1	1
Trinidad (CO)	-	-	-	-	-	-	-	-	-	1	1
Truman Public Util Comm	-	-	-	-	-	-	-	-	-	-	*
Truman (MN)	-	-	-	-	-	-	-	-	-	-	*
Tucson Gas & Electric Company	57,195	-	10,670	-	-	-	28	-	137	122	17
De Moss Petrie (AZ)	-	-	281	-	-	-	-	-	5	-	3
Livingston (AZ)	57,195	-	10,077	-	-	-	28	-	126	122	7
North Loop (AZ)	-	-	312	-	-	-	-	-	6	-	7
Tulla Light & Power Plant	-	-	-	-	-	-	-	-	*	-	*
Tulla (TX)	-	-	-	-	-	-	-	-	*	-	*
Turlock Irrigation Dist	-	-	560	65,014	-	-	-	-	10	-	3
Hickman (CA)	-	-	-	792	-	-	-	-	-	-	-
Lagrange (CA)	-	-	-	-5	-	-	-	-	-	-	-
New Don Pedro (CA)	-	-	-	60,305	-	-	-	-	-	-	-
Turlock Lake (CA)	-	-	-	1,744	-	-	-	-	-	-	-
Uppr Dawson (CA)	-	-	-	2,178	-	-	-	-	-	-	-
Walnut (CA)	-	-	560	-	-	-	-	-	10	-	3
Two Harbors Wtr & Lt Dept	-	-	-	-	-	-	-	-	-	-	-
Two Harbors (MN)	-	-	-	-	-	-	-	-	-	-	-
Tyndall Lt & Wtr Plant	-	-	-	-	-	-	-	-	-	-	-
Tyndall (SD)	-	-	-	-	-	-	-	-	-	-	-
Ugi Corporation	27,906	107	-	-	-	-	20	*	-	48	*
Hunlock Creek (PA)	27,906	107	-	-	-	-	20	*	-	48	*
Unalakleet Village Elec Assoc	-	219	-	-	-	-	-	*	-	-	1
Unalakleet (AK)	-	-	-	-	-	-	-	-	-	-	-
Unalakleet (AK)	-	219	-	-	-	-	-	*	-	-	1
Union City Village Of	-	-	-	128	-	-	-	-	-	-	-
Riley (MI)	-	-	-	128	-	-	-	-	-	-	-
Union City (MI)	-	-	-	-	-	-	-	-	-	-	-
Union Electric Company	2,196,737	4,790	3,903	153,719	841,553	-	1,021	10	92	2,559	96
Callaway (MO)	-	-	-	-	841,553	-	-	-	-	-	-
Canton (MO)	-	-1	-	-	-	-	-	-	-	-	*
Howard Bend (MO)	-	84	-	-	-	-	-	*	-	-	3
Jefferson City (MO)	-	405	-	-	-	-	-	1	-	-	3
Keokuk (IA)	-	-	-	79,278	-	-	-	-	-	-	-
Kirksville (MO)	-	-	-13	-	-	-	-	-	-	-	-
Labadie (MO)	1,145,760	2,235	-	-	-	-	518	4	-	1,152	30
Meramec (MO)	135,865	582	878	-	-	-	67	1	10	208	6
Mexico (MO)	-	371	-	-	-	-	-	1	-	-	4
Moberly (MO)	-	-	-	-	-	-	-	-	-	-	*
Moberly (MO)	-	402	-	-	-	-	-	1	-	-	4
Montgomery (MO)	-	-	-	-	-	-	-	-	-	-	*
Moreau (MO)	-	422	-	-	-	-	-	1	-	-	4
Osage (MO)	-	-	-	79,134	-	-	-	-	-	-	-
Portable (MO)	-	-	-	-	-	-	-	-	-	-	*
Rush Island (MO)	518,854	193	-	-	-	-	264	*	-	415	3
Sioux (MO)	396,258	94	-	-	-	-	172	*	-	785	1
Taum Sauk (MO)	-	-	-	-4,693	-	-	-	-	-	-	-
Venice No. 2 (IL)	-	3	3,048	-	-	-	-	*	82	-	38
Viaduct (MO)	-	-	-10	-	-	-	-	-	*	-	-
Unionville City Of	-	7	-	-	-	-	-	*	-	-	1
Unionville (MO)	-	7	-	-	-	-	-	*	-	-	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	195,111	256,957	44,572	-	-	-	78	379	420	172	616
Bridgeport Harbor (CT)	195,111	102,737	-	-	-	-	78	138	-	172	248
English (CT)	-	914	-	-	-	-	-	3	-	-	4
New Haven Harbor (CT)	-	153,306	44,572	-	-	-	-	237	420	-	364
Steel Point (CT)	-	-	-	-	-	-	-	-	-	-	-
United Power Association	117,045	178	540	-	-	17,975	95	1	9	261	6
Cambridge (MN)	-	1	-	-	-	-	-	-	-	-	1
Elk River (MN)	-	128	540	-	-	17,975	-	-	9	-	1
Maple Lake (MN)	-	14	-	-	-	-	-	-	-	-	1
Rock Lake (MN)	-	22	-	-	-	-	-	-	-	-	2
Stanton (ND)	117,045	13	-	-	-	-	95	-	-	261	1
Upper Peninsula Power Co	19,330	-4	-	6,921	-	-	11	-	-	21	10
AuTrain (MI)	-	-	-	352	-	-	-	-	-	-	-
Cataract (MI)	-	-	-	188	-	-	-	-	-	-	-
Escanaba (MI)	9,935	-	-	-	-	-	6	-	-	6	-
Gladstone (MI)	-	-12	-	-	-	-	-	-	-	-	2
Holst (MI)	-	-	-	854	-	-	-	-	-	-	-
McClure (MI)	-	-	-	2,705	-	-	-	-	-	-	-
Portage (MI)	-	8	-	-	-	-	-	-	-	-	7
Prickett (MI)	-	-	-	470	-	-	-	-	-	-	-
Victoria (MI)	-	-	-	2,352	-	-	-	-	-	-	-
Warden, John H (MI)	9,395	-	-	-	-	-	5	-	-	15	-
Usbia Flathead Project	-	-	-	280	-	-	-	-	-	-	-
Hellroaring (MT)	-	-	-	280	-	-	-	-	-	-	-
Usbia Wapato Irrigation Project ..	-	-	-	2,094	-	-	-	-	-	-	-
Drop 2 (WA)	-	-	-	1,711	-	-	-	-	-	-	-
Drop 3 (WA)	-	-	-	383	-	-	-	-	-	-	-
Usbr Rio Grande-Falcon Project ..	-	-	-	11,741	-	-	-	-	-	-	-
Amistad (TX)	-	-	-	6,862	-	-	-	-	-	-	-
Falcon (TX)	-	-	-	4,879	-	-	-	-	-	-	-
USBIA San Carlos Proj	-	-	-	-	-	-	-	-	-	-	-
Coolidge (AZ)	-	-	-	-	-	-	-	-	-	-	-
USBR - Lower Colorado Reg	-	-	-	689,334	-	-	-	-	-	-	-
Davis (AZ)	-	-	-	128,541	-	-	-	-	-	-	-
Hoover (NV)	-	-	-	205,432	-	-	-	-	-	-	-
Hoover Dam (AZ)	-	-	-	298,202	-	-	-	-	-	-	-
Parker (CA)	-	-	-	57,159	-	-	-	-	-	-	-
USBR - Lower Missouri Reg	-	-	-	228,074	-	-	-	-	-	-	-
Alcova (WY)	-	-	-	12,325	-	-	-	-	-	-	-
Big Thompson (CO)	-	-	-	2,615	-	-	-	-	-	-	-
Boysen (WY)	-	-	-	6,641	-	-	-	-	-	-	-
Canyon Ferry (MT)	-	-	-	20,546	-	-	-	-	-	-	-
Estes (CO)	-	-	-	5,333	-	-	-	-	-	-	-
Flatiron (CO)	-	-	-	17,129	-	-	-	-	-	-	-
Fremont Canyon (WY)	-	-	-	28,930	-	-	-	-	-	-	-
Glendo (WY)	-	-	-	19,501	-	-	-	-	-	-	-
Green Mountain (CO)	-	-	-	3,015	-	-	-	-	-	-	-
Guernsey (WY)	-	-	-	1,169	-	-	-	-	-	-	-
Heart Mtn (WY)	-	-	-	4,387	-	-	-	-	-	-	-
Kortes (WY)	-	-	-	6,167	-	-	-	-	-	-	-
Marys Lake (CO)	-	-	-	1,635	-	-	-	-	-	-	-
Mount Elbert (CO)	-	-	-	14,911	-	-	-	-	-	-	-
Pilot Butte (WY)	-	-	-	750	-	-	-	-	-	-	-
Pole Hill (CO)	-	-	-	13,216	-	-	-	-	-	-	-
Seminole (WY)	-	-	-	5,304	-	-	-	-	-	-	-
Yellowtail (MT)	-	-	-	64,500	-	-	-	-	-	-	-
USBR - Mid Pacific Region	-	-	-	582,496	-	-	-	-	-	-	-
Folsom (CA)	-	-	-	88,432	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	81,679	-	-	-	-	-	-	-
Keswick (CA)	-	-	-	48,234	-	-	-	-	-	-	-
Lewiston (CA)	-	-	-	97	-	-	-	-	-	-	-
New Melones (CA)	-	-	-	34,861	-	-	-	-	-	-	-
Nimbus (CA)	-	-	-	9,954	-	-	-	-	-	-	-
Oneill (CA)	-	-	-	1,196	-	-	-	-	-	-	-
Shasta (CA)	-	-	-	151,506	-	-	-	-	-	-	-
Spring Creek (CA)	-	-	-	82,045	-	-	-	-	-	-	-
Stampede (CA)	-	-	-	213	-	-	-	-	-	-	-
Trinity (CA)	-	-	-	64,279	-	-	-	-	-	-	-
USBR - Pacific NW Region											
Anderson Ranch (ID)	-	-	-	2,534,567	-	-	-	-	-	-	-
Black Canyon (ID)	-	-	-	25,913	-	-	-	-	-	-	-
Boise River Div (ID)	-	-	-	3,877	-	-	-	-	-	-	-
Chandler (WA)	-	-	-	2,315	-	-	-	-	-	-	-
Grand Coulee (WA)	-	-	-	2,329,538	-	-	-	-	-	-	-
Green Springs (OR)	-	-	-	6,777	-	-	-	-	-	-	-
Hungry Horse (MT)	-	-	-	55,246	-	-	-	-	-	-	-
Minidoka (ID)	-	-	-	9,554	-	-	-	-	-	-	-
Palisades (ID)	-	-	-	94,802	-	-	-	-	-	-	-
Roza (WA)	-	-	-	6,545	-	-	-	-	-	-	-
USBR - Upper Colorado Reg											
Blue Mesa (CO)	-	-	-	483,789	-	-	-	-	-	-	-
Crystal (CO)	-	-	-	22,289	-	-	-	-	-	-	-
Deer Creek (UT)	-	-	-	15,282	-	-	-	-	-	-	-
Elephant Butte (NM)	-	-	-	3,675	-	-	-	-	-	-	-
Flaming Gorge (UT)	-	-	-	14,508	-	-	-	-	-	-	-
Fontenelle (WY)	-	-	-	22,496	-	-	-	-	-	-	-
Glen Canyon (AZ)	-	-	-	7,449	-	-	-	-	-	-	-
Lower Molina (CO)	-	-	-	370,503	-	-	-	-	-	-	-
Morrow Point (CO)	-	-	-	-	-	-	-	-	-	-	-
Upper Molina (CO)	-	-	-	24,620	-	-	-	-	-	-	-
Upper Molina (CO)	-	-	-	2,967	-	-	-	-	-	-	-
USCE - Blakely Mtn											
Blakely Mountain (AR)	-	-	-	19,680	-	-	-	-	-	-	-
Degruy (AR)	-	-	-	15,236	-	-	-	-	-	-	-
Narrows (AR)	-	-	-	2,519	-	-	-	-	-	-	-
Narrows (AR)	-	-	-	1,925	-	-	-	-	-	-	-
USCE - Fort Worth District											
R. D. Willis (TX)	-	-	-	18,859	-	-	-	-	-	-	-
Rayburn, Sam (TX)	-	-	-	4,325	-	-	-	-	-	-	-
Whitney (TX)	-	-	-	11,563	-	-	-	-	-	-	-
Whitney (TX)	-	-	-	2,971	-	-	-	-	-	-	-
USCE - Hartwell & Clarkhill											
Clark Hill (SC)	-	-	-	100,811	-	-	-	-	-	-	-
Hartwell Lake (GA)	-	-	-	46,248	-	-	-	-	-	-	-
Hartwell Lake (GA)	-	-	-	24,932	-	-	-	-	-	-	-
R B Russell Proj (GA)	-	-	-	29,631	-	-	-	-	-	-	-
USCE - Kansas City Dist											
Harry Truman (MO)	-	-	-	52,742	-	6	-	-	-	-	-
Stockton (MO)	-	-	-	37,723	-	-	-	-	-	-	-
Wilson (KS)	-	-	-	15,019	-	-	-	-	-	-	-
Wilson (KS)	-	-	-	-	-	6	-	-	-	-	-
USCE - Little Rock											
Reaver (AR)	-	-	-	334,068	-	-	-	-	-	-	-
Bull Shoals (AR)	-	-	-	4,844	-	-	-	-	-	-	-
Bull Shoals (AR)	-	-	-	170,081	-	-	-	-	-	-	-
Dardanelle (AR)	-	-	-	41,232	-	-	-	-	-	-	-
Greers Ferry Lake (AR)	-	-	-	45,343	-	-	-	-	-	-	-
Norfolk (AR)	-	-	-	1,523	-	-	-	-	-	-	-
Ozark (AR)	-	-	-	24,926	-	-	-	-	-	-	-
Table Rock (MO)	-	-	-	46,119	-	-	-	-	-	-	-
USCE - Mobile District											
Allatoona (GA)	-	-	-	129,572	-	-	-	-	-	-	-
Allatoona (GA)	-	-	-	10,817	-	-	-	-	-	-	-
Buford (GA)	-	-	-	18,513	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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)	-	-	-	16,576	-	-	-	-	-	-	-
George, Walter F (GA)	-	-	-	18,332	-	-	-	-	-	-	-
Jones Bluff (AL)	-	-	-	16,607	-	-	-	-	-	-	-
Millers Ferry (AL)	-	-	-	23,259	-	-	-	-	-	-	-
West Point (GA)	-	-	-	14,706	-	-	-	-	-	-	-
Woodruff, J (FL)	-	-	-	10,662	-	-	-	-	-	-	-
USCE - Nashville				198,667							
Barkley (KY)	-	-	-	49,750	-	-	-	-	-	-	-
Center Hill (TN)	-	-	-	12,704	-	-	-	-	-	-	-
Cheatham (TN)	-	-	-	12,054	-	-	-	-	-	-	-
Cordell Hull (TN)	-	-	-	25,414	-	-	-	-	-	-	-
Dale Hollow (TN)	-	-	-	10,599	-	-	-	-	-	-	-
Laurel (KY)	-	-	-	1,582	-	-	-	-	-	-	-
Old Hickory (TN)	-	-	-	27,618	-	-	-	-	-	-	-
Priest, J P (TN)	-	-	-	908	-	-	-	-	-	-	-
Wolf Creek (KY)	-	-	-	58,038	-	-	-	-	-	-	-
USCE - North Pacific Div				5,010,731							
Albeni Falls (ID)	-	-	-	30,343	-	-	-	-	-	-	-
Big Cliff (OR)	-	-	-	4,274	-	-	-	-	-	-	-
Bonneville (OR)	-	-	-	453,644	-	-	-	-	-	-	-
Chief Joseph (WA)	-	-	-	1,205,174	-	-	-	-	-	-	-
Cougar (OR)	-	-	-	10,991	-	-	-	-	-	-	-
Dalles (WA)	-	-	-	730,892	-	-	-	-	-	-	-
Day, John (OR)	-	-	-	933,683	-	-	-	-	-	-	-
Detroit (OR)	-	-	-	19,173	-	-	-	-	-	-	-
Dexter (OR)	-	-	-	3,355	-	-	-	-	-	-	-
Dworshak (ID)	-	-	-	126,619	-	-	-	-	-	-	-
Foster (OR)	-	-	-	3,664	-	-	-	-	-	-	-
Green Peter (OR)	-	-	-	8,811	-	-	-	-	-	-	-
Hills Creek (OR)	-	-	-	5,568	-	-	-	-	-	-	-
Ice Harbor (WA)	-	-	-	100,896	-	-	-	-	-	-	-
Libby (MT)	-	-	-	312,125	-	-	-	-	-	-	-
Little Goose (WA)	-	-	-	135,156	-	-	-	-	-	-	-
Lookout Point (OR)	-	-	-	16,930	-	-	-	-	-	-	-
Lost Creek (OR)	-	-	-	29,249	-	-	-	-	-	-	-
Lower Granite (WA)	-	-	-	135,425	-	-	-	-	-	-	-
Lower Monumental (WA)	-	-	-	106,233	-	-	-	-	-	-	-
McNary (OR)	-	-	-	638,526	-	-	-	-	-	-	-
USCE - Omaha District				760,240							
Big Bend (SD)	-	-	-	80,660	-	-	-	-	-	-	-
Fort Peck (MT)	-	-	-	69,388	-	-	-	-	-	-	-
Fort Randall (SD)	-	-	-	161,549	-	-	-	-	-	-	-
Garrison (ND)	-	-	-	171,324	-	-	-	-	-	-	-
Gavins Point (NE)	-	-	-	65,694	-	-	-	-	-	-	-
Oat., (SD)	-	-	-	211,625	-	-	-	-	-	-	-
USCE - St Louis Dist				19,739							
Clarence Canyon (MO)	-	-	-	19,739	-	-	-	-	-	-	-
USCE - St Marys Falls				12,457							
Saint Marys Falls (MI)	-	-	-	12,457	-	-	-	-	-	-	-
USCE - Tulsa District				134,604							
Broken Bow (OK)	-	-	-	5,249	-	-	-	-	-	-	-
Denison (TX)	-	-	-	21,795	-	-	-	-	-	-	-
Eufaula (OK)	-	-	-	11,448	-	-	-	-	-	-	-
Fort Gibson (OK)	-	-	-	14,978	-	-	-	-	-	-	-
Kerr, Robert S (OK)	-	-	-	35,809	-	-	-	-	-	-	-
Keystone (OK)	-	-	-	18,938	-	-	-	-	-	-	-
Tenkiller Ferry (OK)	-	-	-	9,716	-	-	-	-	-	-	-
Webbers Falls (OK)	-	-	-	16,671	-	-	-	-	-	-	-
USCE - Wilmington				31,726							
Kerr, John H (VA)	-	-	-	29,237	-	-	-	-	-	-	-
Philpott Lake (VA)	-	-	-	2,489	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
July 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	-	1	-	-	-	-	-	*	-	-	2
Vandalla (MO)	-	1	-	-	-	-	-	*	-	-	2
Vermillion City Of	-	-	-	-	-	-	-	-	-	-	-
Vermillion (SD)	-	-	-	-	-	-	-	-	-	-	-
Vermont Electric Cooperative	-	-	-	408	-	-	-	-	-	-	-
N Hartland (VT)	-	-	-	408	-	-	-	-	-	-	-
Vermont Marble Company	-	-	-	2,723	-	-	-	-	-	-	-
Beldens (VT)	-	-	-	775	-	-	-	-	-	-	-
Center Rutland (VT)	-	-	-	87	-	-	-	-	-	-	-
Huntington Falls (VT)	-	-	-	950	-	-	-	-	-	-	-
Proctor (VT)	-	-	-	911	-	-	-	-	-	-	-
Vermont Yankee Nuclear Power Co	-	-	-	-	343,218	-	-	-	-	-	-
Vt. Yankee (VT)	-	-	-	-	343,218	-	-	-	-	-	-
Vero Beach Mun Pwr System	-	-3	26,756	-	-	-	-	*	352	-	26
Municipal Plant (FL)	-	-3	26,756	-	-	-	-	*	352	-	26
Villisca Mun Pwr Plant	-	-	-	-	-	-	-	-	-	-	-
Villisca (IA)	-	-	-	-	-	-	-	-	-	-	-
Vineland Electric Utility	-	20,905	-	-	-	-	-	56	-	13	30
Down, Howard (NJ)	-	19,446	-	-	-	-	-	52	-	13	20
West (NJ)	-	1,459	-	-	-	-	-	4	-	-	10
Vinton Municipal Lt Plant	-	88	518	-	-	-	-	*	7	-	*
Vinton (IA)	-	88	518	-	-	-	-	*	7	-	*
Viola Municipal Elec Utility	-	-	-	-	-	-	-	-	-	-	-
Viola (WI)	-	-	-	-	-	-	-	-	-	-	-
Virginia Electric & Power Co	2,263,377	407,922	134,780	-38,925	2,321,437	3	913	636	980	1,641	2,803
* Central Storage *	-	-	-	-	-	-	-	-	-	-	1,761
Bath County (VA)	-	-	-	-83,782	-	-	-	-	-	-	-
Bremo Bluff (VA)	34,080	168	-	-	-	-	15	*	-	128	4
Chesterfield (VA)	603,277	3,835	118,630	-	-	-	238	5	803	482	96
Cushaw (VA)	-	-	-	1,356	-	-	-	-	-	-	-
Darbytown (VA)	-	8,873	-	-	-	-	-	18	-	-	101
Gaston (NC)	-	-	-	21,560	-	-	-	-	-	-	-
Gravel Neck (VA)	-	5,674	10,752	-	-	-	-	13	131	-	102
Kitty Hawk (NC)	-	379	-	-	-	-	-	1	-	-	26
Low Moor (VA)	-	523	-	-	-	-	-	2	-	-	32
Mt Storm (WV)	967,897	1,971	-	-	-	-	385	3	-	593	6
North Anna (VA)	-	-	-	19	1,237,195	3	-	-	-	-	-
Northern Neck (VA)	-	485	-	-	-	-	-	1	-	-	33
Portsmouth (VA)	344,801	1,809	-	-	-	-	137	3	-	181	32
Possum Point (VA)	146,845	262,661	-	-	-	-	70	421	-	143	441
Roanoke Rapids (NC)	-	-	-	21,922	-	-	-	-	-	-	-
Surry (VA)	-	-	-	-	1,084,242	-	-	-	-	-	-
Yorktown (VA)	166,477	121,544	5,398	-	-	-	69	169	46	113	168
Virginia Pub Utils Comm	4,130	-	7	-	-	-	3	-	*	-	-
Virginia (MN)	4,130	-	7	-	-	-	3	-	*	-	-
Wahoo Municipal Light Plant	-	-50	-	-	-	-	-	*	*	-	*
Wahoo (NE)	-	-50	-	-	-	-	-	*	*	-	*
Wallingford City Of	-	35	-	-	-	-	-	*	-	-	8
Pierce (CT)	-	35	-	-	-	-	-	*	-	-	8
Wamego City Of	-	21	670	-	-	-	-	*	31	-	1
Wamego (KS)	-	21	670	-	-	-	-	*	31	-	1

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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 (bbis)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbis)
Warren City Of	-	-	-	-	-	-	-	-	-	-	-
Warren (MN)	-	-	-	-	-	-	-	-	-	-	-
Washington City Of	-	126	126	-	-	-	-	*	1	-	*
Washington (KS)	-	126	126	-	-	-	-	*	1	-	*
Washington Electric Cooperative	-	-	-	239	-	-	-	-	-	-	-
Wrightsville (VT)	-	-	-	239	-	-	-	-	-	-	-
Washington Island Elec Coop	-	-	-	-	-	-	-	-	-	-	1
Washington Island (WI)	-	-	-	-	-	-	-	-	-	-	1
Washington Public Power Supply	-	-	-	13,785	-9,968	-	-	-	-	-	-
Sys	-	-	-	13,785	-9,968	-	-	-	-	-	-
Hanford (WA)	-	-	-	-	-	-	-	-	-	-	-
Packwood (WA)	-	-	-	13,785	-	-	-	-	-	-	-
WNP-2 (WA)	-	-	-	-	-9,968	-	-	-	-	-	-
Washington Wtr Pwr Co, The	-	-	281	413,133	-	25,522	-	-	4	-	-
Cabinet Gorge (ID)	-	-	-	122,077	-	-	-	-	-	-	-
Kettle Fls (WA)	-	-	-	-	-	25,522	-	-	*	-	-
Little Falls (WA)	-	-	-	14,176	-	-	-	-	-	-	-
Long Lake (WA)	-	-	-	34,909	-	-	-	-	-	-	-
Meyers Falls (WA)	-	-	-	765	-	-	-	-	-	-	-
Monroe Street (WA)	-	-	-	-	-	-	-	-	-	-	-
Nine Mile (WA)	-	-	-	8,322	-	-	-	-	-	-	-
Northeast (WA)	-	-	281	-	-	-	-	-	4	-	-
Noxon Rapids (MT)	-	-	-	219,103	-	-	-	-	-	-	-
Post Falls (ID)	-	-	-	8,856	-	-	-	-	-	-	-
Upper Falls (WA)	-	-	-	6,925	-	-	-	-	-	-	-
Waterloo City Light & Power	-	13	64	-	-	-	-	*	1	-	*
Waterloo (IL)	-	13	64	-	-	-	-	*	1	-	*
Watertown City Of	-	-	-	1,699	-	-	-	-	-	-	-
Watertown (NY)	-	-	-	1,699	-	-	-	-	-	-	-
Wauchula City Of	-	-	-	-	-	-	-	-	-	-	2
Wauchula (FL)	-	-	-	-	-	-	-	-	-	-	2
Waverly City Of	-	29	92	247	-	-	-	*	1	-	1
East Hydro (IA)	-	-	-	247	-	-	-	-	-	-	-
East Plant (IA)	-	-	-	-	-	-	-	-	-	-	*
North Plant (IA)	-	29	92	-	-	-	-	*	1	-	1
Wayne City Of	-	21	-	-	-	-	-	*	-	-	1
Wayne (NE)	-	21	-	-	-	-	-	*	-	-	1
Weatherford City Of	-	-	-	-	-	-	-	-	-	-	-
Weatherford (TX)	-	-	-	-	-	-	-	-	-	-	-
Weber Basin Water Conservancy	-	-	-	3,230	-	-	-	-	-	-	-
Dist	-	-	-	3,230	-	-	-	-	-	-	-
Gateway (UT)	-	-	-	1,953	-	-	-	-	-	-	-
Wanship (UT)	-	-	-	1,277	-	-	-	-	-	-	-
Webster City Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Webster City (IA)	-	-	-	-	-	-	-	-	-	-	-
Wellington City Of	-	-	5,432	-	-	-	-	-	81	-	4
Wellington (KS)	-	-	5,432	-	-	-	-	-	81	-	4
Wells Electric Association	-	1	54	-	-	-	-	*	1	-	*
Wells (MN)	-	1	54	-	-	-	-	*	1	-	*
Welsh City Of	-	-	-	-	-	-	-	-	-	-	-
Welsh (LA)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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	-	-	-	-	-	-	-	-	-	-	*
West Bend (IA)	-	-	-	-	-	-	-	-	-	-	*
West Liberty Municipal Elec Util ..	-	7	-	-	-	-	-	*	*	-	*
West Liberty (IA)	-	7	-	-	-	-	-	*	*	-	*
West Penn Power Co (APS)	981,434	2,488	-	9,723	-	-	397	3	-	700	72
Armstrong (PA)	153,035	414	-	-	-	-	66	1	-	185	*
Hatfields Ferry (PA)	699,146	2,072	-	-	-	-	276	3	-	471	4
Lake Lynn (WV)	-	-	-	9,723	-	-	-	-	-	-	-
Mitchell (PA)	129,253	-	-	-	-	-	56	-	-	64	68
Springdale (PA)	-	-	-	-	-	-	-	-	-	-	-
West Point Light & Water Works ..	-	30	259	-	-	-	-	*	3	-	*
West Point (NE)	-	30	259	-	-	-	-	*	3	-	*
West Texas Utilities Co (CSW)	390,458	273	379,102	-	-	-	239	*	3,986	494	278
* Central Storage *	-	-	-	-	-	-	-	-	-	-	2
Abilene (TX)	-	-	-25	-	-	-	-	-	-	-	4
Concho (TX)	-	-	-30	-	-	-	-	-	-	-	7
Fort Phantom (TX)	-	-	157,744	-	-	-	-	-	1,633	-	102
Ft Stockton (TX)	-	-	10	-	-	-	-	-	*	-	-
Lake Pauline (TX)	-	-	-133	-	-	-	-	-	1	-	12
Oak Creek (TX)	-	-	33,543	-	-	-	-	-	308	-	30
Oklaunion (TX)	390,458	253	-	-	-	-	239	*	-	494	8
Paint Creek (TX)	-	-	33,864	-	-	-	-	-	375	-	71
Presidio (TX)	-	20	-	-	-	-	-	*	-	-	*
Rio Pecos (TX)	-	-	86,365	-	-	-	-	-	1,094	-	19
San Angelo (TX)	-	-	67,770	-	-	-	-	-	574	-	23
Vernon (TX)	-	-	-8	-	-	-	-	-	-	-	1
Westbrook Mun Lt & Pwr Plant ..	-	-	-	-	-	-	-	-	-	-	*
Westbrook (MN)	-	-	-	-	-	-	-	-	-	-	*
Western Farmers Elec Coop	212,057	129	229,045	-	-	-	132	*	1,943	228	44
Anadarko (OK)	-	-	145,824	-	-	-	-	-	1,130	-	41
Cherokee (OK)	-	-	-	-	-	-	-	-	-	-	-
Hugo (OK)	212,057	129	-	-	-	-	132	*	-	228	3
Mooreland (OK)	-	-	83,221	-	-	-	-	-	812	-	-
Woodward (OK)	-	-	-	-	-	-	-	-	-	-	-
Western Illinois Pwr Coop, Inc	14,554	203	-	-	-	-	9	*	-	18	3
Pearl Station (IL)	14,554	53	-	-	-	-	9	*	-	18	3
Pittsfield (IL)	-	101	-	-	-	-	-	*	-	-	*
Winchester (IL)	-	49	-	-	-	-	-	*	-	-	*
Western Mass Electric Co (NU) ...	-	7,662	17,328	-16,033	-	-	-	15	206	-	140
Cabot (MA)	-	-	-	18,667	-	-	-	-	-	-	-
Cobble Mountain (MA)	-	-	-	1,706	-	-	-	-	-	-	-
Doreen (MA)	-	44	-	-	-	-	-	*	-	-	1
Dwight (MA)	-	-	-	470	-	-	-	-	-	-	-
Gardners Falls (MA)	-	-	-	543	-	-	-	-	-	-	-
Indian Orchard (MA)	-	-	-	256	-	-	-	-	-	-	-
Northfield Mountain (MA)	-	-	-	-39,928	-	-	-	-	-	-	-
Putts Bridge (MA)	-	-	-	517	-	-	-	-	-	-	-
Red Bridge (MA)	-	-	-	646	-	-	-	-	-	-	-
Silver Lake (MA)	-	49	-	-	-	-	-	*	-	-	6
Turners Falls (MA)	-	-	-	1,090	-	-	-	-	-	-	-
West Springfield (MA)	-	7,482	17,328	-	-	-	-	15	206	-	132
Woodland Road (MA)	-	87	-	-	-	-	-	*	-	-	1
Whittemore Mun Lt & Pwr Co	-	-	-	-	-	-	-	-	-	-	-
Whittemore (IA)	-	-	-	-	-	-	-	-	-	-	-
Wilber City Of	-	-	-	-	-	-	-	-	-	-	-
Wilber (NE)	-	-	-	-	-	-	-	-	-	-	-
Wilmar Municipal Util Comm	3,666	-	-	-	-	-	4	-	-	7	-
Wilmar (MN)	3,666	-	-	-	-	-	4	-	-	7	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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 (bbis)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbis)
Wilton Mun Lt & Pwr System	-	-	-	-	-	-	-	-	-	-	-
Wilton Junction (IA)	-	-	-	-	-	-	-	-	-	-	-
Windom Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Windom (MN)	-	-	-	-	-	-	-	-	-	-	-
Winfield Mun Light & Power Plt ...	-	-	8,923	-	-	-	-	-	99	-	9
Winfield (KS)	-	-	222	-	-	-	-	-	4	-	9
Winfield (KS)	-	-	8,701	-	-	-	-	-	95	-	-
Winnetka, Village Of	-	18	3,887	-	-	-	-	*	60	*	1
Winnetka (IL)	-	18	3,887	-	-	-	-	*	60	*	1
Winterset City Of	-	-	-	-	-	-	-	-	-	-	2
Winterset (IA)	-	-	-	-	-	-	-	-	-	-	2
Wisconsin Electric Power Co	1,380,873	2,548	6,124	21,391	621,332	-	772	5	63	1,935	57
* Central Storage *	-	-	-	-	-	-	-	-	-	-	20
Appleton (WI)	-	-	-	1,032	-	-	-	-	-	-	-
Big Quinnesec 61 (MI)	-	-	-	-	-	-	-	-	-	-	-
Big Quinnesec 92 (MI)	-	-	-	5,631	-	-	-	-	-	-	-
Brule (MI)	-	-	-	643	-	-	-	-	-	-	-
Chalk Hill (MI)	-	-	-	1,730	-	-	-	-	-	-	-
Germantown (WI)	-	575	-	-	-	-	-	2	-	-	12
Hemlock Falls (MI)	-	-	-	573	-	-	-	-	-	-	-
Kingsford (MI)	-	-	-	1,547	-	-	-	-	-	-	-
Lower Paint (MI)	-	-	-	62	-	-	-	-	-	-	-
Michigamme Falls (MI)	-	-	-	1,725	-	-	-	-	-	-	-
Oconto Falls (WI)	-	-	-	501	-	-	-	-	-	-	-
Peavy Falls (MI)	-	-	-	3,023	-	-	-	-	-	-	-
Pine (WI)	-	-	-	813	-	-	-	-	-	-	-
Pleasant Prairie (WI)	704,883	89	1,144	-	-	-	471	*	13	842	8
Point Beach (WI)	-	3	-	-	621,332	-	-	*	-	-	2
Port Washington (WI)	7,904	-4	-	-	-	-	5	*	-	104	3
Presque Isle (MI)	219,681	1,107	-	-	-	-	113	2	-	707	3
South Oak Creek (WI)	402,057	777	4,491	-	-	-	157	1	44	279	9
Sturgeon (MI)	-	-	-	265	-	-	-	-	-	-	-
Twin Falls (MI)	-	-	-	1,664	-	-	-	-	-	-	-
Valley (WI)	46,351	1	489	-	-	-	26	*	7	2	*
Way (MI)	-	-	-	320	-	-	-	-	-	-	-
Weyauwega (WI)	-	-	-	6	-	-	-	-	-	-	-
White Rapids (MI)	-	-	-	1,856	-	-	-	-	-	-	-
Wisconsin Power & Light Co	987,119	723	798	14,909	-	-	569	1	17	931	22
Blackhawk (WI)	-	-	294	336	-	-	-	-	6	-	-
Columbia (WI)	518,986	156	-	-	-	-	321	*	-	440	6
Dewey, Nelson (WI)	80,370	48	-	-	-	-	45	*	-	202	*
Edgewater (WI)	355,479	427	-	-	-	-	186	1	-	259	2
Janesville (WI)	-	-	-	246	-	-	-	-	-	-	-
Kilbourn (WI)	-	-	-	4,406	-	-	-	-	-	-	-
Portable (WI)	-	-	-	-	-	-	-	-	-	-	-
Prairie Du Sac (WI)	-	-	-	9,611	-	-	-	-	-	-	-
Rock River (WI)	32,284	91	502	-	-	-	17	*	11	30	8
Shawano (WI)	-	-	-	310	-	-	-	-	-	-	-
Sheepskin (WI)	-	1	2	-	-	-	-	*	*	-	4
Wisconsin Public Service Corp	336,384	261	2,914	14,285	366,324	3	183	1	38	481	32
Alexander (WI)	-	-	-	1,302	-	-	-	-	-	-	-
Caldron Falls (WI)	-	-	-	789	-	-	-	-	-	-	-
Eagle River (WI)	-	12	-	-	-	-	-	*	-	-	1
Grand Rapids (MI)	-	-	-	2,166	-	-	-	-	-	-	-
Grandfather Falls (WI)	-	-	-	3,338	-	-	-	-	-	-	-
Hat Rapids (WI)	-	-	-	330	-	-	-	-	-	-	-
High Falls (WI)	-	-	-	718	-	-	-	-	-	-	-
Jersey (WI)	-	-	-	139	-	-	-	-	-	-	-
Johnson Falls (WI)	-	-	-	565	-	-	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	-	3	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	386,324	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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)	-	-	-	773	-	-	-	-	-	-	-
Otter Rapids (WI)	-	-	-	80	-	-	-	-	-	-	-
Peshigo (WI)	-	-	-	296	-	-	-	-	-	-	-
Potato Rapids (WI)	-	-	-	394	-	-	-	-	-	-	-
Pulliam (WI)	110,255	-	2,608	-	-	-	56	-	33	237	1
Sandstone Rapids (WI)	-	-	-	651	-	-	-	-	-	-	-
Tomahawk (WI)	-	-	-	781	-	-	-	-	-	-	-
Wausau (WI)	-	-	-	1,963	-	-	-	-	-	-	-
West Marinette (WI)	-	2	63	-	-	-	-	-	2	-	11
Weston (WI)	226,129	247	243	-	-	-	127	1	3	224	19
Wisconsin River Power Company	-	-	-	12,413	-	-	-	-	-	-	-
Castle Rock (WI)	-	-	-	6,319	-	-	-	-	-	-	-
Petenwell (WI)	-	-	-	6,094	-	-	-	-	-	-	-
Wisner Elec Lt & Wtr Dept	-	-	-	-	-	-	-	-	-	-	-
Wisner (NE)	-	-	-	-	-	-	-	-	-	-	-
Wolf Creek Nuclear Corporation	-	-	-	-	836,259	-	-	-	-	-	-
Wolf Creek (KS)	-	-	-	-	836,259	-	-	-	-	-	-
Wolverine Electric Coop, Inc	16,705	404	15,193	599	-	-	8	1	158	42	14
Advance (MI)	16,705	158	-	-	-	-	8	-	-	42	-
Beaver Island (MI)	-	-5	-	-	-	-	-	-	-	-	2
Johnson, George (MI)	-	21	311	-	-	-	-	-	4	-	2
Kleber (MI)	-	-	-	433	-	-	-	-	-	-	-
Scottville (MI)	-	-10	-	-	-	-	-	-	-	-	1
Tower (MI)	-	113	-	-	-	-	-	-	-	-	5
Tower Hydro (MI)	-	-	-	166	-	-	-	-	-	-	-
Vandyke, Claude (MI)	-	45	14,882	-	-	-	-	-	154	-	3
Vestaburg (MI)	-	75	-	-	-	-	-	-	-	-	1
Winder, C A (MI)	-	7	-	-	-	-	-	-	-	-	1
Wolverine Power Corporation	-	-	-	1,306	-	-	-	-	-	-	-
Edenville (MI)	-	-	-	672	-	-	-	-	-	-	-
Sanford (MI)	-	-	-	328	-	-	-	-	-	-	-
Secord (MI)	-	-	-	194	-	-	-	-	-	-	-
Smallwood (MI)	-	-	-	112	-	-	-	-	-	-	-
Woodsfield Elec Light Plant	-	-	-	-	-	-	-	-	-	-	-
Anadarko (OH)	-	-	-	-	-	-	-	-	-	-	-
Wrangell Light Plant	-	-	-	-	-	-	-	-	-	-	-
Wrangell (AK)	-	-	-	-	-	-	-	-	-	-	-
Wyandotte Dept Of Mun Service	23,230	-	-	-	-	-	12	-	-	43	-
Wyandotte (MI)	23,230	-	-	-	-	-	12	-	-	43	-
Yadkin, Inc	-	-	-	57,025	-	-	-	-	-	-	-
Falls (NC)	-	-	-	7,890	-	-	-	-	-	-	-
High Rock (NC)	-	-	-	10,025	-	-	-	-	-	-	-
Narrows (NC)	-	-	-	29,543	-	-	-	-	-	-	-
Tuckertown (NC)	-	-	-	9,567	-	-	-	-	-	-	-
Yakutat Power Inc	-	388	-	-	-	-	-	1	-	-	-
Yakutat (AK)	-	388	-	-	-	-	-	1	-	-	-
Yankee Atomic Electric Company	-	-	-	-	-	-	-	-	-	-	-
Yankee - Rowe (MA)	-	-	-	-	-	-	-	-	-	-	-
Yazoo City Public Service Comm	-	-	-	-	-	-	-	-	-	-	-
Yazoo (MS)	-	-	-	-	-	-	-	-	-	-	-
Yuba County Water Agency	-	-	-	84,985	-	-	-	-	-	-	-
Fish Power (CA)	-	-	-	102	-	-	-	-	-	-	-
New Colgate (CA)	-	-	-	72,662	-	-	-	-	-	-	-
New Narrows (CA)	-	-	-	12,221	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, July 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 ..	-	165	1,756	-	-	-	-	*	18	-	1
Zeeland (MI)	-	165	1,756	-	-	-	-	*	18	-	1
U. S. Total	144,232,355	12,815,060	30,985,215	23,855,644	53,644,726	907,375	71,020	21,649	324,965	154,979	71,886

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, July 1990

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity		Average Delivered Cost		Quantity	Average Delivered Cost		Avg. Sulfur %	Quantity		Average Delivered Cost	Coal	Petroleum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)	Avg. Sulfur %		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	151	161.5	38.00	1.49	1	419.9	23.01	0.10	-	-	-	100	*	-
Lowman (AL)	151	161.5	38.00	1.49	1	419.9	23.01	.10	-	-	-	100	*	-
Alabama Power Co	1,234	216.2	53.22	1.29	4	413.4	23.77	.00	226	191.5	1.97	99	*	1
Barry (AL)	127	218.7	55.63	.98	-	-	-	-	56	171.0	1.76	98	-	2
Gadsden (AL)	10	212.5	54.70	1.86	-	-	-	-	4	338.0	3.46	98	-	2
Gaston (AL)	257	181.9	44.61	2.10	2	410.5	23.71	.00	-	-	-	100	*	-
Gorgas 2 and 3 (AL)	429	201.7	48.56	1.40	1	406.2	23.35	.00	-	-	-	100	*	-
Greene (AL)	81	207.9	52.32	1.43	1	436.8	24.68	.00	-	-	-	100	*	-
James Miller (AL)	329	261.9	65.28	.57	-	-	-	-	166	194.9	2.01	98	-	2
Alamo Co	167	192.3	35.07	.59	1	433.0	25.91	.20	-	-	-	100	*	-
Springerville (AZ)	167	192.3	35.07	.59	1	433.0	25.91	.20	-	-	-	100	*	-
Ames City Of	18	125.0	21.98	.19	1	389.5	23.16	.30	-	-	-	98	2	-
Ames (IA)	18	125.0	21.98	.19	1	389.5	23.16	.30	-	-	-	98	2	-
Appalachian Power Co (AEP)	786	153.9	38.40	.76	13	428.8	24.89	.00	-	-	-	100	*	-
Amos (WV)	373	171.0	42.59	.78	1	643.6	37.49	.00	-	-	-	100	*	-
Clinch River (VA)	141	115.4	29.08	.80	1	249.1	14.65	.00	-	-	-	100	*	-
Glen Lyn (VA)	26	187.7	46.33	.76	1	382.1	22.31	.00	-	-	-	99	1	-
Kanawha River (WV)	48	148.0	36.72	.80	1	346.2	20.04	.00	-	-	-	100	*	-
Mountaineer (WV)	197	146.4	36.51	.69	10	434.7	25.19	.00	-	-	-	99	1	-
Arizona Electric Pwr Coop Inc	72	175.6	41.35	.41	-	-	-	-	272	198.0	2.04	86	-	14
Apache (AZ)	72	175.6	41.35	.41	-	-	-	-	272	198.0	2.04	86	-	14
Arizona Public Service Co	981	104.6	18.58	.71	-	-	-	-	813	228.5	2.35	95	-	5
Cholla (AZ)	136	122.8	24.40	.43	-	-	-	-	3	354.3	3.70	100	-	*
Four Corners (NM)	845	101.3	17.65	.76	-	-	-	-	58	237.6	2.46	100	-	*
Ocotillo (AZ)	-	-	-	-	-	-	-	-	342	220.3	2.26	-	-	100
Saguaro (AZ)	-	-	-	-	-	-	-	-	193	218.8	2.26	-	-	100
Yucca (AZ)	-	-	-	-	-	-	-	-	217	245.7	2.53	-	-	100
Arkansas Power & Light Co (MSU)	882	147.6	26.09	.32	7	469.9	27.14	.30	5,990	150.5	1.52	72	*	28
Couch (AR)	-	-	-	-	-	-	-	-	516	117.5	1.26	-	-	100
Independence (AR)	505	136.7	24.19	.20	5	473.8	27.45	.30	-	-	-	100	*	-
Lake Catherine (AR)	-	-	-	-	-	-	-	-	1,779	148.4	1.49	-	-	100
Ritchie (AR)	-	-	-	-	-	-	-	-	3,696	156.4	1.57	-	-	100
Whitebluff (AR)	376	162.4	28.63	.48	3	462.3	26.55	.30	-	-	-	100	*	-
Associated Electric Coop Inc	447	136.5	29.64	3.32	-	-	-	-	-	-	-	100	-	-
Hill (MO)	132	174.5	36.81	4.05	-	-	-	-	-	-	-	100	-	-
Madrid (MO)	316	121.3	26.65	3.01	-	-	-	-	-	-	-	100	-	-
Atlantic City Electric Co (ACE)	44	183.4	48.26	2.64	89	266.1	16.91	.84	-	-	-	67	33	-
England (NJ)	44	183.4	48.26	2.64	89	266.1	16.91	.84	-	-	-	67	33	-
Austin City Of	-	-	-	-	-	-	-	-	1,552	185.9	1.90	-	-	100
Decker Creek (TX)	-	-	-	-	-	-	-	-	1,210	185.9	1.90	-	-	100
Holly (TX)	-	-	-	-	-	-	-	-	341	185.9	1.90	-	-	100
Baltimore Gas & Electric Co	174	156.9	40.41	1.00	493	250.0	15.70	.97	993	218.2	2.27	52	36	12
Brandon Shores (MD)	74	154.6	39.28	.70	-	-	-	-	-	-	-	100	-	-
Crane (MD)	27	157.2	41.05	2.17	-	-	-	-	-	-	-	100	-	-
Gould St (MD)	-	-	-	-	70	249.5	15.67	.98	-	-	-	-	100	-
Riverside (MD)	-	-	-	-	164	244.7	15.37	.97	308	222.3	2.32	-	76	24
Wagner (MD)	73	159.2	41.31	.87	172	256.1	16.08	.97	685	216.4	2.25	51	29	19
Westport (MD)	-	-	-	-	87	248.3	15.60	.98	-	-	-	-	100	-
Basin Electric Power Coop	1,298	60.7	9.26	.50	3	389.2	22.54	.34	-	-	-	100	*	-
Antelope Valley (ND)	412	67.1	9.00	.65	-	-	-	-	-	-	-	100	-	-
Laramie River (WY)	737	53.1	8.85	.41	3	389.2	22.54	.34	-	-	-	100	*	-
Leland Olds (ND)	149	90.2	12.05	.57	-	-	-	-	-	-	-	100	-	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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			
Big Rivers Electric Corp	411	123.7	27.81	3.46	-	-	-	-	6	255.9	2.56	100	-	*
Coleman (KY)	109	109.8	24.92	2.56	-	-	-	-	6	255.9	2.56	100	-	*
R D Green (KY)	140	122.1	26.33	3.95	-	-	-	-	-	-	-	100	-	-
Reld-Henderson (KY)	60	122.2	30.17	2.69	-	-	-	-	-	-	-	100	-	-
Wilson (KY)	102	142.1	31.57	4.21	-	-	-	-	-	-	-	100	-	-
Boston Edison Co	-	-	-	-	639	228.2	14.42	0.93	6,062	191.3	2.01	-	39	61
Mystic (MA)	-	-	-	-	341	244.8	15.51	.96	2,791	191.3	2.04	-	42	58
New Boston (MA)	-	-	-	-	298	209.1	13.17	.89	3,271	191.4	1.98	-	36	64
Brazos Electric Power Coop Inc	-	-	-	-	-	-	-	-	1,738	166.5	1.70	-	-	100
Miller (TX)	-	-	-	-	-	-	-	-	1,721	166.4	1.69	-	-	100
North Texas (TX)	-	-	-	-	-	-	-	-	17	180.2	2.08	-	-	100
Bryan City Of	-	-	-	-	-	-	-	-	476	156.0	1.69	-	-	100
Bryan (TX)	-	-	-	-	-	-	-	-	97	162.0	1.71	-	-	100
Dansby (TX)	-	-	-	-	-	-	-	-	379	154.5	1.69	-	-	100
Burbank City Of	-	-	-	-	-	-	-	-	369	286.4	2.95	-	-	100
Magnolia-Olive (CA)	-	-	-	-	-	-	-	-	369	286.4	2.95	-	-	100
Cajun Electric Power Coop Inc	326	174.6	30.36	.46	6	398.1	23.41	.00	758	158.3	1.69	87	1	12
Big Cajun No.1 (LA)	-	-	-	-	-	-	-	-	758	158.3	1.69	-	-	100
Big Cajun No.2 (LA)	326	174.6	30.36	.46	6	398.1	23.41	.00	-	-	-	99	1	-
Cambridge Electric Light Co (CES)	-	-	-	-	11	245.4	15.50	.43	179	219.1	2.19	-	28	72
Kendall Square (MA)	-	-	-	-	11	245.4	15.50	.43	179	219.1	2.19	-	28	72
Canal Electric Co (CES)	-	-	-	-	716	196.3	12.37	2.14	-	-	-	-	100	-
Canal (MA)	-	-	-	-	716	196.3	12.37	2.14	-	-	-	-	100	-
Cardinal Operating Co (AEP)	245	148.8	34.73	1.70	11	359.9	20.90	.00	-	-	-	99	1	-
Cardinal (OH)	245	148.8	34.73	1.70	11	359.9	20.90	.00	-	-	-	99	1	-
Carolina Power & Light Co	639	179.8	45.33	.97	11	385.5	22.34	.20	-	-	-	100	*	-
Asheville (NC)	91	140.5	37.06	1.20	1	385.6	22.35	.20	-	-	-	100	*	-
Cape Fear (NC)	34	214.5	54.65	1.00	-	-	-	-	-	-	-	100	-	-
LG& (NC)	21	203.5	51.47	1.06	-	-	-	-	-	-	-	100	-	-
Mayo (NC)	85	192.8	46.54	.62	3	382.2	22.15	.20	-	-	-	99	1	-
Robinson (SC)	20	186.7	46.83	1.30	1	409.9	23.76	.20	-	-	-	98	2	-
Roxboro (NC)	325	177.4	44.45	.95	6	381.7	22.12	.20	-	-	-	100	*	-
Sutton (NC)	50	200.3	51.17	1.10	-	-	-	-	-	-	-	100	-	-
Weatherspoon (NC)	14	223.2	57.83	1.13	-	-	-	-	-	-	-	100	-	-
Cedar Falls City Of	-	-	-	-	-	-	-	-	2	230.6	2.31	-	-	100
Streeter (IA)	-	-	-	-	-	-	-	-	2	230.6	2.31	-	-	100
Centel Corp	-	-	-	-	-	-	-	-	656	131.9	1.27	-	-	100
Cimarron River (KS)	-	-	-	-	-	-	-	-	160	177.8	1.80	-	-	100
Large (KS)	-	-	-	-	-	-	-	-	496	116.0	1.10	-	-	100
Mullergren (KS)	-	-	-	-	-	-	-	-	-	934.1	9.14	-	-	100
Central Electric Pwr Coop-MO	3	125.7	26.72	3.56	-	-	-	-	-	-	-	100	-	-
Chamais (MO)	3	125.7	26.72	3.56	-	-	-	-	-	-	-	100	-	-
Central Hudson Gas & Elec Corp ...	63	206.9	54.23	.58	1,108	229.6	14.65	1.43	595	237.9	2.45	18	76	7
Danskammer (NY)	63	206.9	54.23	.58	-	-	-	-	595	237.9	2.45	73	-	27
Roseton (NY)	-	-	-	-	1,108	229.6	14.65	1.43	-	-	-	-	100	-
Central Illinois Light Co	189	179.5	43.78	1.85	1	416.7	24.27	.19	-	-	-	100	*	-
Duck Creek (IL)	73	184.0	39.23	3.36	-	457.4	26.15	.16	-	-	-	100	*	-
Edwards (IL)	116	177.2	46.65	.90	1	412.2	23.95	.19	-	-	-	100	*	-
Central Illinois Pub Serv Co	351	161.0	36.19	2.54	5	398.8	23.14	.24	-	-	-	100	*	-
Coffeen (IL)	145	162.9	34.74	3.55	1	388.2	22.55	.16	-	-	-	100	*	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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 bbbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Central Illinois Pub Serv Co														
Grand Tower (IL)	30	165.1	38.11	2.91	1	407.3	23.60	0.18	-	-	-	99	1	-
Hutsonville (IL)	17	142.5	33.29	2.90	1	421.0	24.37	.34	-	-	-	99	1	-
Meredosia (IL)	40	146.7	33.11	2.57	1	387.2	22.52	.19	-	-	-	99	1	-
Newton (IL)	120	165.0	38.89	1.17	2	397.1	23.04	.28	-	-	-	100	*	-
Central Iowa Power Coop	25	117.7	25.78	3.02	-	-	-	-	1	329.4	3.41	100	-	*
Fair Station (IA)	25	117.7	25.78	3.02	-	-	-	-	1	329.4	3.41	100	-	*
Central Louisiana Elec Co Inc	442	152.4	22.76	.51	-	-	-	-	3,392	215.0	2.24	65	-	35
Coughlin (LA)	-	-	-	-	-	-	-	-	394	226.8	2.40	-	-	100
Dolet Hills (LA)	299	128.9	17.63	.52	-	-	-	-	7	210.9	2.17	100	-	*
Rodemacher (LA)	143	190.6	33.48	.49	-	-	-	-	1,725	212.3	2.19	58	-	42
Teche (LA)	-	-	-	-	-	-	-	-	1,266	215.1	2.25	-	-	100
Central Maine Power Co	-	-	-	-	354	214.9	13.41	.59	-	-	-	-	100	-
Wyman (ME)	-	-	-	-	354	214.9	13.41	.59	-	-	-	-	100	-
Central Nebraska Pub P&I Dist	-	-	-	-	-	-	-	-	*	386.0	3.68	-	-	100
Canaday (NE)	-	-	-	-	-	-	-	-	*	386.0	3.68	-	-	100
Central Operating Co (AEP)	144	140.3	34.62	1.20	11	407.2	23.51	.00	-	-	-	98	2	-
Sporn (WV)	144	140.3	34.62	1.20	11	407.2	23.51	.00	-	-	-	98	2	-
Central Power & Light Co (CSW) ..	106	202.3	42.89	.37	10	402.8	23.43	.33	8,748	202.6	2.16	19	*	80
Bates (TX)	-	-	-	-	-	-	-	-	521	187.1	2.19	-	-	100
Coletto Creek (TX)	106	202.3	42.89	.37	-	-	-	-	-	-	-	100	-	-
Davis (TX)	-	-	-	-	-	-	-	-	2,513	249.8	2.55	-	-	100
Hill (TX)	-	-	-	-	-	-	-	-	1,253	160.3	1.71	-	-	100
Joslin (TX)	-	-	-	-	10	402.8	23.43	.33	878	154.0	1.64	-	6	94
La Palma (TX)	-	-	-	-	-	-	-	-	783	185.0	2.04	-	-	100
Laredo (TX)	-	-	-	-	-	-	-	-	739	241.9	2.67	-	-	100
Nueces Bay (TX)	-	-	-	-	-	-	-	-	1,880	193.1	2.04	-	-	100
Victoria (TX)	-	-	-	-	-	-	-	-	180	163.5	1.76	-	-	100
Cincinnati Gas & Electric Co	741	143.3	33.54	1.83	9	406.2	23.36	.42	-	-	-	100	*	-
Beckjord (OH)	263	140.9	32.54	2.02	3	404.3	23.32	.47	-	-	-	100	*	-
East Bend (KY)	129	151.2	35.03	1.89	1	418.2	23.77	.32	-	-	-	100	*	-
Miami Fort (OH)	319	144.7	34.32	1.50	5	404.6	23.30	.42	-	-	-	100	*	-
Zimmer (OH)	31	116.7	27.87	3.38	-	-	-	-	-	-	-	100	-	-
Cleveland Electric Illum Co	447	155.2	39.27	2.82	3	360.5	21.11	.44	-	-	-	100	*	-
Ashtabula (OH)	80	149.5	38.39	3.32	1	406.7	23.71	.42	-	-	-	100	*	-
Avon Lake (OH)	142	156.2	38.45	2.18	-	-	-	-	-	-	-	100	-	-
Eastlake (OH)	191	153.1	38.97	3.00	1	389.1	22.56	.42	-	-	-	100	*	-
Lake Shore (OH)	34	176.3	46.50	.59	1	307.0	18.12	.46	-	-	-	99	1	-
Coffeyville City Of	-	-	-	-	-	-	-	-	117	238.0	2.38	-	-	100
Coffeyville (KS)	-	-	-	-	-	-	-	-	117	238.0	2.38	-	-	100
Colorado Springs City Of	70	144.7	30.84	.45	-	-	-	-	3	412.7	4.03	100	-	*
Birdsall (CO)	-	-	-	-	-	-	-	-	1	412.7	4.03	-	-	100
Drake (CO)	30	151.9	31.92	.46	-	-	-	-	2	412.7	4.03	100	-	*
Nixon (CO)	40	139.3	30.03	.44	-	-	-	-	-	-	-	100	-	-
Colorado Ute Electric Assn Inc	394	85.6	17.66	.43	-	-	-	-	20	255.3	2.66	100	-	*
Craig (CO)	228	88.7	17.92	.40	-	-	-	-	16	254.1	2.64	100	-	*
Hayden (CO)	146	75.9	16.14	.44	-	-	-	-	4	260.7	2.71	100	-	*
Nucla (CO)	19	125.0	26.29	.57	-	-	-	-	-	-	-	100	-	-
Columbia City Of	6	213.0	59.72	.64	-	-	-	-	-	-	-	100	-	-
Columbia (MO)	6	213.0	59.72	.64	-	-	-	-	-	-	-	100	-	-
Columbus & Southern Ohio El Co ..	285	153.3	35.93	3.28	4	380.6	22.33	.00	-	-	-	100	*	-
Conesville (OH)	266	156.0	36.62	3.31	3	379.5	22.25	.00	-	-	-	100	*	-
Picway (OH)	18	113.2	25.91	2.87	*	400.2	23.73	.00	-	-	-	100	*	-

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
July 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			
Columbus City Of	3	169.9	41.83	0.67	-	-	-	-	-	-	-	100	-	-
Refuse & Coal (OH)	3	169.9	41.83	.67	-	-	-	-	-	-	-	100	-	-
Commonwealth Edison Co	671	254.3	49.74	1.12	287	277.8	17.55	0.66	531	295.0	3.02	85	12	4
Collins (IL)	-	-	-	-	258	268.2	17.09	.71	-	-	-	-	100	-
Crawford (IL)	29	319.2	60.77	.39	-	-	-	-	72	419.9	4.32	88	-	12
Fisk (IL)	42	319.5	60.82	.39	-	-	-	-	97	416.6	4.28	89	-	11
Joliet (IL)	137	294.8	56.30	.37	-	-	-	-	281	220.0	2.25	90	-	10
Kincaid (IL)	168	138.0	28.63	3.40	-	-	-	-	3	330.1	3.45	100	-	*
Powerton (IL)	134	280.0	54.09	.32	-	-	-	-	16	405.9	4.06	99	-	1
State Line (IN)	11	293.0	56.60	.32	-	-	-	-	41	290.0	2.97	83	-	17
Waukegan (IL)	62	282.4	53.73	.39	4	390.8	22.59	.25	21	224.0	2.29	96	2	2
Will County (IL)	88	315.4	60.56	.35	25	368.8	21.48	.26	-	-	-	92	8	-
Commonwealth Electric Co (CES) ..	-	-	-	-	-	-	-	-	127	206.3	2.06	-	-	100
Cannon (MA)	-	-	-	-	-	-	-	-	127	206.3	2.06	-	-	100
Connecticut Light & Power Co	-	-	-	-	957	248.7	15.73	.77	243	198.5	2.04	-	96	4
Devon (CT)	-	-	-	-	217	240.9	15.41	1.00	-	-	-	-	100	-
Middletown (CT)	-	-	-	-	415	259.7	16.28	.50	-	-	-	-	100	-
Montville (CT)	-	-	-	-	100	244.4	15.52	.90	243	198.5	2.04	-	72	28
Norwalk Harbor (CT)	-	-	-	-	225	238.1	15.12	.98	-	-	-	-	100	-
Consolidated Edison Co-NY Inc	-	-	-	-	1,494	284.8	17.74	.28	11,791	190.7	1.97	-	43	57
Astoria (NY)	-	-	-	-	208	289.1	18.06	.26	4,578	190.7	1.97	-	22	78
East River (NY)	-	-	-	-	99	265.3	16.46	.29	666	190.6	1.97	-	47	53
Hudson Avenue (NY)	-	-	-	-	242	276.3	17.16	.29	-	-	-	-	100	-
Ravenswood (NY)	-	-	-	-	-	-	-	-	5,836	190.7	1.97	-	-	100
Storage Facility #3	-	-	-	-	273	297.4	18.50	.28	-	-	-	-	100	-
Storage Facility #4	-	-	-	-	342	287.2	17.85	.29	-	-	-	-	100	-
Storage Facility #5	-	-	-	-	258	293.0	18.35	.28	-	-	-	-	100	-
Storage Facility #6	-	-	-	-	71	237.9	14.86	.28	-	-	-	-	100	-
Waterside (NY)	-	-	-	-	-	-	-	-	711	190.7	1.97	-	-	100
Consumers Power Co	630	162.0	38.79	.75	45	289.3	18.26	.96	-	-	-	98	2	-
Campbell (MI)	242	171.5	43.13	.75	-	-	-	-	-	-	-	100	-	-
Cobb (MI)	147	151.3	32.59	.59	-	-	-	-	-	-	-	100	-	-
Karn-Weadock (MI)	119	159.0	38.78	.88	45	289.3	18.26	.96	-	-	-	91	9	-
Weadock (MI)	98	156.9	37.47	.80	-	-	-	-	-	-	-	100	-	-
Whiting (MI)	24	157.9	38.57	.89	-	-	-	-	-	-	-	100	-	-
Coop Power Assn	539	62.7	7.91	.77	-	-	-	-	-	-	-	100	-	-
Coal Creek (ND)	539	62.7	7.91	.77	-	-	-	-	-	-	-	100	-	-
Dairyland Power Coop	224	134.4	26.24	1.20	2	368.2	21.65	.50	-	-	-	100	*	-
Alma-Madgett (WI)	95	137.7	24.91	.58	2	365.6	21.50	.50	-	-	-	99	1	-
Genoa No.3 (WI)	129	132.3	27.22	1.67	-	-	-	-	-	-	-	100	-	-
Stoneman (WI)	-	-	-	-	-	394.1	23.17	.50	-	-	-	-	100	-
Dayton Power & Light Co	918	145.1	34.36	1.30	1	402.5	23.26	.48	15	319.7	3.26	100	*	*
Hutchings (OH)	8	148.4	36.97	.79	-	-	-	-	15	319.7	3.26	93	-	7
Killen (OH)	163	142.7	35.82	.65	-	-	-	-	-	-	-	100	-	-
Stuart (OH)	746	145.6	34.00	1.45	1	402.5	23.26	.48	-	-	-	100	*	-
Deepwater Operating Co (ACE)	15	181.2	46.55	.80	139	261.4	16.43	.97	177	230.9	2.41	27	61	13
Deepwater (NJ)	15	181.2	46.55	.80	139	261.4	16.43	.97	177	230.9	2.41	27	61	13
Delmarva Power & Light Co (DMV) ..	165	104.6	48.02	.95	324	219.5	14.03	.98	372	216.4	2.29	64	31	6
Delaware City (DE)	-	-	-	-	1	242.5	15.31	.80	98	253.2	2.76	-	5	95
Edgemoor (DE)	29	200.3	53.98	.64	318	217.2	13.90	.99	273	205.2	2.12	25	66	9
Indian River (DE)	136	181.2	46.89	.97	5	375.6	22.12	.25	-	-	-	99	1	-
Denton City Of	-	-	-	-	-	-	-	-	108	162.0	1.73	-	-	100
Spencer (TX)	-	-	-	-	-	-	-	-	108	162.0	1.73	-	-	100

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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			
Deseret Generation & Tran Coop ..	71	172.1	36.14	0.44	-	-	-	-	-	-	-	100	-	-
Bonanza (UT)	71	172.1	36.14	.44	-	-	-	-	-	-	-	100	-	-
Detroit City Of	-	-	-	-	48	256.5	15.52	0.62	238	260.0	2.64	-	55	45
Mistersky (MI)	-	-	-	-	48	256.5	15.52	.62	238	260.0	2.64	-	55	45
Detroit Edison Co	1,714	164.6	33.75	.47	89	307.4	18.47	.61	1,356	169.0	.17	98	2	*
Belle River (MI)	512	162.3	30.95	.33	4	366.2	21.21	.24	-	-	-	100	*	-
Greenwood (MI)	-	-	-	-	72	294.7	17.86	.69	-	-	-	-	100	-
Harbor Beach (MI)	-	-	-	-	-	376.0	21.77	.33	-	-	-	-	100	-
Monroe (MI)	486	170.7	38.46	.74	5	369.5	21.36	.29	-	-	-	100	*	-
River Rouge (MI)	81	159.3	39.91	.66	-	-	-	-	1,356	169.0	.17	94	-	6
St Clair (MI)	543	154.0	28.99	.33	8	357.0	20.66	.34	-	-	-	100	*	-
Trenton Channel (MI)	92	199.4	47.00	.65	-	-	-	-	-	-	-	100	-	-
Dover City Of	-	-	-	-	73	223.0	14.18	2.01	176	221.0	2.29	-	72	28
McKee Run (DE)	-	-	-	-	73	223.0	14.18	2.01	176	221.0	2.29	-	72	28
Duke Power Co	769	172.4	43.33	1.02	13	388.9	22.63	.30	-	-	-	100	*	-
Allen (NC)	83	178.8	45.10	.96	3	378.7	21.99	.30	-	-	-	99	1	-
Belews Creek (NC)	213	187.9	46.71	.99	5	396.5	23.09	.30	-	-	-	99	1	-
Buck (NC)	9	155.0	39.34	1.14	-	-	-	-	-	-	-	100	-	-
Cliffside (NC)	63	182.6	45.92	1.07	1	405.3	23.63	.30	-	-	-	100	*	-
Dan River (NC)	20	158.4	38.68	.99	-	-	-	-	-	-	-	100	-	-
Lee (SC)	41	153.1	38.55	1.07	-	-	-	-	-	-	-	100	-	-
Marshall (NC)	287	161.0	40.55	1.03	4	382.8	22.29	.30	-	-	-	100	*	-
Riverbend (NC)	53	173.1	45.04	1.02	-	-	-	-	-	-	-	100	-	-
Duquesne Light Co	187	131.8	32.55	1.75	1	405.0	23.31	.42	6	273.2	2.84	100	*	*
Cheswick (PA)	110	139.4	34.62	1.49	-	-	-	-	6	273.2	2.84	100	-	*
Elrama (PA)	77	120.8	29.59	2.13	1	405.0	23.31	.43	-	-	-	100	*	-
East Kentucky Power Coop	205	119.2	28.90	1.22	1	382.7	22.28	.15	-	-	-	100	*	-
Cooper (KY)	47	120.2	29.03	1.66	-	386.0	22.47	.20	-	-	-	100	*	-
Dale (KY)	17	120.2	29.80	.91	-	381.0	22.18	.12	-	-	-	99	1	-
Spurlock (KY)	141	118.7	28.74	1.11	-	-	-	-	-	-	-	100	-	-
El Paso Electric Co	-	-	-	-	-	-	-	-	1,776	182.8	1.88	-	-	100
Newman (TX)	-	-	-	-	-	-	-	-	1,091	174.0	1.80	-	-	100
Rio Grande (TX)	-	-	-	-	-	-	-	-	685	197.0	2.01	-	-	100
Electric Energy Inc	232	120.2	27.80	1.79	1	464.2	27.17	.36	-	-	-	100	*	-
Joppa (IL)	232	120.2	27.80	1.79	1	464.2	27.17	.36	-	-	-	100	*	-
Empire District Electric Co	84	119.9	23.98	1.23	1	344.3	20.68	.00	140	173.0	1.79	92	*	8
Asbury (MO)	63	120.0	23.95	1.29	1	344.3	20.68	.00	-	-	-	100	*	-
Riverton (KS)	21	119.7	24.09	1.05	-	-	-	-	140	173.0	1.79	75	-	25
Florida Power & Light Co	-	-	-	-	3,941	229.1	14.55	1.10	9,839	222.1	2.22	-	72	28
Cape Canaveral (FL)	-	-	-	-	339	209.4	13.13	1.44	874	222.1	2.22	-	71	29
Cutler (FL)	-	-	-	-	-	-	-	-	246	222.1	2.22	-	-	100
Fort Myers (FL)	-	-	-	-	532	216.6	13.82	1.50	-	-	-	-	100	-
Lauderdale (FL)	-	-	-	-	-	-	-	-	499	222.1	2.22	-	-	100
Manatee (FL)	-	-	-	-	1,342	226.7	14.44	.97	-	-	-	-	100	-
Martin (FL)	-	-	-	-	580	264.6	16.63	.69	2,697	222.1	2.22	-	57	43
Port Everglades (FL)	-	-	-	-	367	220.6	14.04	1.00	1,766	222.2	2.22	-	57	43
Riviera (FL)	-	-	-	-	120	223.7	14.24	1.00	1,977	222.1	2.22	-	28	72
Sanford (FL)	-	-	-	-	449	225.5	14.36	1.45	447	222.1	2.22	-	86	14
Turkey Point (FL)	-	-	-	-	212	236.7	15.11	.97	1,333	222.1	2.22	-	50	50
Florida Power Corp	452	174.9	44.26	.82	1,030	222.0	14.07	1.51	581	206.1	2.11	62	35	3
Anclote (FL)	-	-	-	-	7	379.0	22.54	.16	-	-	-	-	100	-
Bartow (FL)	-	-	-	-	-	366.2	21.78	.16	-	-	-	-	100	-
Crystal River (FL)	452	174.9	44.26	.82	11	391.1	23.25	.16	-	-	-	99	1	-
Higgins (FL)	-	-	-	-	28	199.7	12.56	1.65	-	-	-	-	100	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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														
Storage Facility #1	-	-	-	-	953	219.1	13.01	1.51	-	-	-	-	100	-
Suwannee (FL)	-	-	-	-	5	293.3	18.28	.94	333	205.0	2.09	-	8	92
Turner (FL)	-	-	-	-	28	234.2	14.85	2.44	248	207.5	2.14	-	41	59
Fort Pierre City Of														
H D King (FL)	-	-	-	-	-	-	-	-	151	223.4	2.30	-	-	100
	-	-	-	-	-	-	-	-	151	223.4	2.30	-	-	100
Fremont City Of														
Wright (NE)	24	81.1	13.85	.31	-	-	-	-	6	178.4	1.78	99	-	1
	24	81.1	13.85	.31	-	-	-	-	6	178.4	1.78	99	-	1
Gainesville City Of														
Deerhaven (FL)	37	172.0	44.50	.85	8	267.7	17.06	1.50	568	227.4	2.34	60	3	36
	37	172.0	44.50	.85	6	268.0	17.11	1.50	411	227.7	2.34	68	2	30
Jr Kelly (FL)	-	-	-	-	2	267.0	16.93	1.50	158	226.7	2.33	-	8	92
Garland City Of														
Newman (TX)	-	-	-	-	-	-	-	-	1,152	158.0	1.65	-	-	100
	-	-	-	-	-	-	-	-	21	162.0	1.69	-	-	100
Olinger (TX)	-	-	-	-	-	-	-	-	1,131	157.9	1.65	-	-	100
Georgia Power Co (SC)														
Arkwright (GA)	2,499	170.8	40.45	1.48	41	371.9	21.85	.95	79	294.4	3.03	99	*	*
	18	163.2	40.73	2.12	-	-	-	-	7	298.4	3.05	98	-	2
Atkinson-McDonough (GA)	159	153.2	38.50	1.93	-	-	-	-	72	294.0	3.03	98	-	2
Bowen (GA)	771	169.7	41.23	1.54	3	423.5	24.55	.50	-	-	-	100	*	-
Hammond (GA)	116	181.4	47.69	1.58	1	423.0	24.52	.50	-	-	-	100	*	-
Hardee Branch (GA)	490	171.3	42.95	1.25	1	443.0	25.68	.50	-	-	-	100	*	-
Mcmanus (GA)	-	-	-	-	27	341.2	20.19	1.18	-	-	-	-	100	-
Mitchell (GA)	37	215.9	53.64	1.29	9	431.6	25.02	.50	-	-	-	95	5	-
Scherer (GA)	424	178.4	36.21	.48	-	-	-	-	-	-	-	100	-	-
Wansley (GA)	332	166.7	37.04	2.51	-	-	-	-	-	-	-	100	-	-
Yates (GA)	152	165.7	41.00	1.88	1	447.2	25.92	.50	-	-	-	100	*	-
Glendale City Of														
Glendale (CA)	-	-	-	-	-	-	-	-	219	223.0	2.34	-	-	100
	-	-	-	-	-	-	-	-	219	223.0	2.34	-	-	100
Grand Island City Of														
Burdick (NE)	22	68.9	11.54	.36	-	-	-	-	20	168.9	1.59	95	-	5
	-	-	-	-	-	-	-	-	20	168.9	1.59	-	-	100
Platte (NE)	22	68.9	11.54	.36	-	-	-	-	-	-	-	100	-	-
Grand River Dam Authority														
GRDA No 1 (OK)	322	100.6	17.24	.39	-	-	-	-	10	202.2	2.02	100	-	*
	322	100.6	17.24	.39	-	-	-	-	10	202.2	2.02	100	-	*
Greenville City Of														
Greenville (TX)	-	-	-	-	-	-	-	-	142	162.0	1.76	-	-	100
	-	-	-	-	-	-	-	-	142	162.0	1.76	-	-	100
Gulf Power Co														
Crist (FL)	307	195.8	46.99	2.82	1	373.1	21.47	.45	119	166.8	1.67	98	*	2
	206	199.9	47.97	2.83	-	-	-	-	119	166.8	1.67	98	-	2
Scholtz (FL)	8	162.1	40.50	2.85	-	-	-	-	-	-	-	100	-	-
Smith (FL)	94	189.5	45.39	2.80	1	373.1	21.47	.45	-	-	-	100	*	-
Gulf States Utilities Co														
Lewis Creek (TX)	175	196.9	34.62	.50	90	251.1	15.62	.25	18,677	172.2	1.80	13	2	84
	-	-	-	-	-	-	-	-	2,845	176.4	1.84	-	-	100
Nelson (LA)	175	196.9	34.62	.50	1	424.1	24.59	.25	3,127	157.2	1.69	48	*	52
Sabine (TX)	-	-	-	-	-	-	-	-	6,826	176.0	1.82	-	-	100
Willow Glen (LA)	-	-	-	-	89	249.5	15.53	.25	5,879	173.8	1.83	-	8	92
Hamilton City Of														
Hamilton (OH)	6	162.3	40.17	.65	-	-	-	-	232	187.8	1.88	39	-	61
	6	162.3	40.17	.65	-	-	-	-	232	187.8	1.88	39	-	61
Hastings City Of														
Hastings (NE)	11	104.7	18.30	.23	-	-	-	-	-	-	-	100	-	-
	11	104.7	18.30	.23	-	-	-	-	-	-	-	100	-	-
Hawaiian Electric Co Inc														
Kahe (HI)	-	-	-	-	1,157	282.4	17.63	.46	-	-	-	-	100	-
	-	-	-	-	332	290.3	18.31	.48	-	-	-	-	100	-
Storage Facility #1	-	-	-	-	769	279.1	17.36	.45	-	-	-	-	100	-
Waiau (HI)	-	-	-	-	56	280.7	17.28	.47	-	-	-	-	100	-

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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			
Holland City Of	26	174.0	46.24	0.84	-	-	-	-	145	179.0	1.86	82	-	18
James De Young (MI)	26	174.0	46.24	.84	-	-	-	-	145	179.0	1.86	82	-	18
Holyoke Water Power Co (NU)	24	177.3	45.74	1.30	*	487.9	28.55	0.30	-	-	-	100	*	-
Mount Tom (MA)	24	177.3	45.74	1.30	*	487.9	28.55	.30	-	-	-	100	*	-
Hoosier Energy R E C Inc	205	108.4	24.02	3.97	*	488.1	27.76	.20	-	-	-	100	*	-
Frank E Ratts (IN)	53	129.4	28.79	3.96	*	488.1	27.76	.20	-	-	-	100	*	-
Merom (IN)	152	101.0	22.35	3.97	-	-	-	-	-	-	-	100	*	-
Houston Lighting & Power Co	1,808	192.7	29.77	.84	10	538.2	32.21	.83	26,055	159.2	1.86	48	*	52
Bertron (TX)	-	-	-	-	-	297.0	17.76	.70	1,510	157.9	1.66	-	*	100
Cedar Bayou (TX)	-	-	-	-	2	350.0	21.83	1.00	8,719	156.4	1.61	-	*	100
Deepwater (TX)	-	-	-	-	-	-	-	-	361	171.8	1.76	-	-	100
Green Bayou (TX)	-	-	-	-	1	613.0	35.96	.50	1,788	160.6	1.68	-	*	100
Limestone (TX)	686	126.4	17.03	.96	6	613.0	36.17	.50	318	157.5	1.69	96	*	4
Parish (TX)	923	232.0	39.24	.41	-	-	-	-	4,917	166.3	1.74	75	-	25
Robinson (TX)	-	-	-	-	-	-	-	-	6,335	156.1	1.63	-	-	100
Webster (TX)	-	-	-	-	-	-	-	-	1,254	160.7	1.65	-	-	100
Wharton (TX)	-	-	-	-	-	-	-	-	854	162.2	1.72	-	-	100
Illinois Power Co	487	150.6	33.80	2.47	36	214.2	13.41	.85	93	284.7	2.68	97	2	1
Baldwin (IL)	274	148.0	32.30	3.12	-	-	-	-	-	-	-	100	-	-
Havana (IL)	55	151.6	36.74	.66	36	214.2	13.41	.85	-	-	-	86	14	-
Hennepin (IL)	48	161.9	34.75	2.85	-	-	-	-	21	259.0	2.66	98	-	2
Vermillion (IL)	42	121.8	26.44	2.75	-	-	-	-	-	-	-	100	-	-
Wood River (IL)	68	167.7	41.31	.82	-	-	-	-	73	266.3	2.68	96	-	4
Imperial Irrigation District	-	-	-	-	26	227.4	14.28	1.20	671	280.1	2.87	-	19	81
El Centro (CA)	-	-	-	-	26	227.4	14.28	1.20	671	280.1	2.87	-	19	81
Independence City Of	1	166.2	39.08	3.02	-	-	-	-	12	194.7	1.95	64	-	36
Blue Valley (MO)	1	166.2	39.08	3.02	-	-	-	-	12	194.7	1.95	64	-	36
Indiana & Michigan Power Co (AEP)	1,113	130.2	23.75	.60	15	367.1	21.28	.00	-	-	-	100	*	-
Breed (IN)	20	149.6	32.52	4.04	1	369.9	21.40	.00	-	-	-	99	1	-
Rockport (IN)	928	120.1	20.67	.93	15	367.1	21.28	.00	-	-	-	99	1	-
Tanners Creek (IN)	165	169.3	40.01	1.73	*	361.4	21.00	.00	-	-	-	100	*	-
Indiana-Kentucky Electric Corp	361	104.0	23.21	3.33	*	443.2	25.62	.30	-	-	-	100	*	-
Clifty Creek (IN)	361	104.0	23.21	3.33	*	443.2	25.62	.30	-	-	-	100	*	-
Indianapolis Power & Light Co	523	104.5	23.50	2.41	-	-	-	-	-	-	-	100	-	-
Petersburg (IN)	377	97.6	21.91	2.67	-	-	-	-	-	-	-	100	-	-
Pritchard (IN)	49	115.1	26.09	2.06	-	-	-	-	-	-	-	100	-	-
Stout (IN)	97	126.0	28.34	1.58	-	-	-	-	-	-	-	100	-	-
Interstate Power Co	174	181.9	34.88	1.15	1	369.2	21.71	.00	82	176.8	1.77	98	*	2
Dubuque (IA)	13	190.2	42.20	2.90	-	-	-	-	7	224.7	2.25	98	-	2
Fox Lake (MN)	6	162.5	36.02	1.90	-	-	-	-	70	162.8	1.63	66	-	34
Kapp (IA)	51	130.9	29.47	2.02	-	-	-	-	5	301.4	3.10	100	-	*
Lansing (IA)	104	215.1	36.58	.47	1	369.2	21.71	.00	-	-	-	100	*	-
Iowa Electric Light & Power Co	91	146.4	30.62	1.84	4	367.2	21.36	.00	113	291.1	2.91	93	1	6
Prairie Creek (IA)	59	158.6	35.24	2.26	*	387.0	22.51	.00	42	313.3	3.13	97	*	3
Sutherland (IA)	24	101.1	17.64	.64	3	365.0	21.23	.00	22	215.4	2.15	91	4	5
8th St (IA)	8	162.5	35.51	2.33	-	-	-	-	49	306.1	3.06	78	-	22
Iowa Power & Light Co	186	101.9	16.93	.33	-	-	-	-	6	249.8	2.50	100	-	*
Council Bluffs (IA)	186	101.9	16.93	.33	-	-	-	-	6	249.8	2.50	100	-	*
Iowa Public Service Co	389	85.4	14.92	.39	*	359.4	20.83	.00	26	287.4	2.87	100	*	*
George Neal 1-4 (IA)	389	85.4	14.92	.39	*	359.4	20.83	.00	26	287.4	2.87	100	*	*

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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	159	102.2	18.48	1.06	2	417.0	24.15	0.04	-	-	-	100	*	-
Burlington (IA)	51	114.6	23.86	2.56	1	420.3	24.34	.04	-	-	-	100	*	-
Ottumwa (IA)	108	95.1	15.97	.36	2	415.2	24.04	.04	-	-	-	99	1	-
Iowa-Illinois Gas & Electric Co	225	107.3	19.08	.79	-	-	-	-	43	322.2	3.33	99	-	1
Louisa (IA)	183	102.4	17.20	.38	-	-	-	-	7	229.0	2.35	100	-	*
Riverside (IA)	42	123.4	27.28	2.60	-	-	-	-	36	340.2	3.52	96	-	4
Jacksonville Electric Authority	190	171.4	42.57	.90	382	201.7	12.83	1.36	293	231.8	2.43	63	33	4
Kennedy (FL)	-	-	-	-	159	210.0	13.41	.98	158	231.8	2.43	-	86	14
Northside (FL)	-	-	-	-	201	193.0	12.24	1.71	2	231.8	2.43	-	100	*
Southside (FL)	-	-	-	-	21	210.0	13.41	.98	134	231.8	2.43	-	49	51
St Johns River (FL)	190	171.4	42.57	.90	1	389.7	22.75	.35	-	-	-	100	*	-
Jamestown City Of	8	146.0	37.10	1.92	-	-	-	-	-	-	-	100	-	-
Samuel A Carlson (NY)	8	146.0	37.10	1.92	-	-	-	-	-	-	-	100	-	-
Jersey Central Power & Light Co (GPS)	-	-	-	-	172	292.8	18.14	.26	399	232.9	2.40	-	72	28
Gilbert (NJ)	-	-	-	-	33	360.7	21.00	.11	134	229.0	2.36	-	58	42
Sayreville (NJ)	-	-	-	-	100	274.9	17.28	.29	266	234.8	2.42	-	70	30
Werner (NJ)	-	-	-	-	39	285.5	17.89	.30	-	-	-	-	100	-
Kansas City City Of	160	134.9	24.80	.83	*	452.1	26.20	.00	50	176.2	1.81	98	*	2
Kaw (KS)	15	234.1	53.99	2.79	*	452.1	26.20	.00	17	201.5	2.07	95	*	5
Nearman (KS)	109	99.9	16.59	.38	-	-	-	-	-	-	-	100	-	-
Quindaro (KS)	37	172.0	37.56	1.39	-	-	-	-	33	163.2	1.67	96	-	4
Kansas City Power & Light Co	725	102.8	18.59	.60	22	359.9	20.90	.16	7	318.7	3.31	99	1	*
Hawthorne (MO)	112	95.7	16.95	.20	-	-	-	-	7	318.7	3.31	100	-	*
Jatan (MO)	188	84.4	14.86	.35	5	357.1	20.81	.20	-	-	-	99	1	-
La Cygne (KS)	324	115.4	21.74	.98	-	-	-	-	-	-	-	100	-	-
Montrose (MO)	101	101.6	17.27	.33	3	421.1	24.07	.18	-	-	-	99	1	-
Storage Facility #1	-	-	-	-	15	348.6	20.28	.15	-	-	-	-	100	-
Kansas Gas & Electric Co	-	-	-	-	-	-	-	-	1,825	174.3	1.78	-	-	100
Evans (KS)	-	-	-	-	-	-	-	-	897	156.3	1.60	-	-	100
Gill (KS)	-	-	-	-	-	-	-	-	728	196.8	1.99	-	-	100
Kansas Power & Light Co	716	134.0	23.82	.35	-	-	-	-	1,255	147.8	1.45	91	-	9
Hutchinson (KS)	-	-	-	-	-	-	-	-	1,190	145.8	1.43	-	-	100
Jeffrey Energy Cnt (KS)	542	136.1	22.73	.33	-	-	-	-	-	-	-	100	-	-
Lawrence (KS)	124	128.8	27.24	.40	-	-	-	-	46	185.5	1.92	98	-	2
Tecumseh (KS)	49	129.0	27.22	.41	-	-	-	-	20	173.2	1.85	98	-	2
Kentucky Power Co (AEP)	200	126.2	30.17	.98	-	-	-	-	-	-	-	100	-	-
Big Sandy (KY)	200	126.2	30.17	.98	-	-	-	-	-	-	-	100	-	-
Kentucky Utilities Co	527	126.7	30.93	1.63	3	464.8	27.33	.40	-	-	-	100	*	-
Brown (KY)	147	117.0	28.32	1.98	*	514.3	30.24	.40	-	-	-	100	*	-
Ghent (KY)	335	132.9	32.68	1.43	2	464.3	27.30	.40	-	-	-	100	*	-
Green River (KY)	41	109.7	25.88	2.16	-	-	-	-	-	-	-	100	-	-
Tyrone (KY)	4	132.0	32.57	.73	*	461.5	27.14	.40	-	-	-	98	2	-
Lafayette City Of	-	-	-	-	-	-	-	-	598	164.8	1.72	-	-	100
Bonlin (LA)	-	-	-	-	-	-	-	-	598	164.8	1.72	-	-	100
Lake Worth City Of	-	-	-	-	-	-	-	-	105	213.0	2.19	-	-	100
Tom G Smith (FL)	-	-	-	-	-	-	-	-	105	213.0	2.19	-	-	100
Lakeland City Of	80	210.0	51.77	1.14	60	244.9	15.38	2.14	271	230.0	2.37	75	14	11
Larsen Mem (FL)	-	-	-	-	-	-	-	-	15	230.0	2.37	-	-	100
Plant 3-McIntosh (FL)	80	210.0	51.77	1.14	60	244.9	15.38	2.14	256	230.0	2.37	75	14	10
Lansing City Of	92	180.4	46.97	.89	1	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, July 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 bbbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Lansing City Of														
Eckert (MI)	57	181.4	47.43	0.86	1	442.0	25.62	0.30	-	-	-	100	*	-
Erickson (MI)	35	178.7	46.22	.92	-	442.0	25.62	.30	-	-	-	100	*	-
Long Island Lighting Co	-	-	-	-	1,569	241.3	15.31	.88	3,818	185.4	1.92	-	72	28
Barrett (NY)	-	-	-	-	-	-	-	-	2,295	187.2	1.93	-	-	100
Far Rockaway (NY)	-	-	-	-	-	-	-	-	492	194.2	2.01	-	-	100
Glenwood (NY)	-	-	-	-	-	-	-	-	1,031	177.3	1.83	-	-	100
Northport (NY)	-	-	-	-	1,122	240.2	16.25	.86	-	-	-	-	100	-
Port Jefferson (NY)	-	-	-	-	447	243.9	15.47	.84	-	-	-	-	100	-
Los Angeles City Of	399	146.6	33.91	.53	-	-	-	-	6,092	272.7	2.84	59	-	41
Harbor (CA)	-	-	-	-	-	-	-	-	256	272.7	2.84	-	-	100
Haynes (CA)	-	-	-	-	-	-	-	-	3,330	272.7	2.85	-	-	100
Intermountain (UT)	399	146.6	33.91	.53	-	-	-	-	-	-	-	100	-	-
Scattergood (CA)	-	-	-	-	-	-	-	-	1,717	272.7	2.82	-	-	100
Valley (CA)	-	-	-	-	-	-	-	-	789	272.7	2.83	-	-	100
Louisiana Power & Light Co (MSU)	-	-	-	-	1	518.8	29.76	.34	12,744	147.3	1.54	-	*	100
Little Gypsy (LA)	-	-	-	-	-	-	-	-	3,836	142.4	1.49	-	-	100
Nine Mile (LA)	-	-	-	-	-	-	-	-	5,884	143.1	1.50	-	-	100
Sterlington (LA)	-	-	-	-	1	518.8	29.76	.34	170	171.5	1.80	-	3	97
Waterford (LA)	-	-	-	-	-	-	-	-	2,854	161.2	1.69	-	-	100
Louisville Gas & Electric Co	442	113.8	26.19	2.94	14	442.0	25.99	.25	15	240.4	2.46	99	1	*
Cane Run (KY)	76	112.2	25.38	2.80	-	-	-	-	8	240.4	2.46	100	-	*
Mill Creek (KY)	347	114.9	26.56	2.99	14	442.0	25.99	.25	7	240.4	2.46	99	1	*
Trimble County (KY)	18	99.5	22.54	2.62	-	-	-	-	-	-	-	100	-	-
Lower Colorado River Authority	415	128.9	22.20	.40	-	-	-	-	1,713	160.4	1.65	80	-	20
Gideon (TX)	-	-	-	-	-	-	-	-	953	162.3	1.65	-	-	100
S Seymour-Fayette (TX)	415	128.9	22.20	.40	-	-	-	-	-	-	-	100	-	-
T C Ferguson (TX)	-	-	-	-	-	-	-	-	760	158.0	1.64	-	-	100
Lubbock City Of	-	-	-	-	-	-	-	-	660	209.0	2.12	-	-	100
Holly Ave (TX)	-	-	-	-	-	-	-	-	660	209.0	2.12	-	-	100
Madison Gas & Electric Co	9	163.8	39.99	2.21	-	-	-	-	41	255.3	2.57	84	-	16
Blount (WI)	9	163.8	39.99	2.21	-	-	-	-	41	255.3	2.57	84	-	16
Manitowoc City Of	10	183.9	49.37	.73	-	-	-	-	-	-	-	100	-	-
Manitowoc (WI)	10	183.9	49.37	.73	-	-	-	-	-	-	-	100	-	-
Marquette City Of	18	178.8	31.64	.48	-	-	-	-	-	-	-	100	-	-
Shiras (MI)	18	178.8	31.64	.48	-	-	-	-	-	-	-	100	-	-
Metropolitan Edison Co (GPS)	106	167.0	44.25	1.58	3	365.9	21.35	.18	-	-	-	99	1	-
Portland (PA)	37	161.0	42.14	1.67	2	367.9	21.50	.20	-	-	-	99	1	-
Titus (PA)	70	170.1	45.37	1.53	1	363.4	21.16	.15	-	-	-	100	*	-
Michigan South Central Pwr Agcy ...	22	208.6	48.76	3.41	-	-	-	-	-	-	-	100	-	-
Project I (MI)	22	208.6	48.76	3.41	-	-	-	-	-	-	-	100	-	-
Minnesota Power & Light Co	178	152.0	26.19	.64	1	397.9	22.90	.00	-	-	-	100	*	-
Aurora-Syl Laskin (MN)	12	188.1	33.32	.64	-	385.1	22.16	.00	-	-	-	100	*	-
Boswell (MN)	166	149.4	25.69	.64	1	401.1	23.08	.00	-	-	-	100	*	-
Minnkota Power Coop Inc	366	43.3	5.89	.77	*	421.4	24.78	.40	-	-	-	100	*	-
Young (ND)	366	43.3	5.89	.77	*	421.4	24.78	.40	-	-	-	100	*	-
Mississippi Power & Light Co														
(MSU)	-	-	-	-	94	232.1	14.74	2.87	7,219	160.8	1.66	-	7	93
Brown (MS)	-	-	-	-	-	-	-	-	1,016	165.4	1.73	-	-	100
Delta (MS)	-	-	-	-	-	-	-	-	211	156.6	1.63	-	-	100
Gerald Andrus (MS)	-	-	-	-	7	228.7	14.57	2.80	2,855	153.3	1.61	-	1	99
Wilson (MS)	-	-	-	-	88	232.4	14.75	2.88	3,137	166.6	1.72	-	15	85

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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)	252	155.0	38.88	1.98	3	262.1	16.11	1.89	1,879	167.8	1.74	78	*	23
Daniel (MS)	68	164.9	43.05	.70	-	-	-	-	-	-	-	100	-	-
Eaton (MS)	-	-	-	-	2	210.2	13.23	2.72	145	170.5	1.73	-	9	91
Sweatt (MS)	-	-	-	-	1	380.8	22.17	.14	183	172.0	1.83	-	3	97
Watson (MS)	183	151.1	37.33	2.45	-	-	-	-	1,551	167.0	1.73	74	-	26
Missouri Public Service Comm	79	166.7	36.79	3.08	-	-	-	-	-	-	-	100	-	-
Sibley (MO)	79	166.7	36.79	3.08	-	-	-	-	-	-	-	100	-	-
Monongahela Power Co (APS)	825	130.4	33.12	2.74	10	414.8	24.56	.28	49	330.6	3.31	100	*	*
Albright (WV)	36	113.6	27.91	1.62	1	402.4	23.83	.00	-	-	-	100	*	-
Ft Martin (WV)	184	150.3	37.27	1.80	2	420.1	24.88	.30	-	-	-	100	*	-
Harrison (WV)	338	135.3	35.46	3.25	1	401.0	23.75	.30	42	342.2	3.42	99	*	*
Pleasants (WV)	237	109.7	27.38	3.12	6	416.6	24.67	.30	-	-	-	99	1	-
Rivesville (WV)	19	136.4	32.21	.95	*	397.4	23.53	.30	2	258.6	2.59	99	*	1
Willow Island (WV)	11	131.5	32.56	1.43	*	424.7	25.15	.30	4	258.7	2.59	98	*	2
Montana Power Co	582	68.8	11.99	.64	2	454.4	26.91	.00	12	244.5	2.98	100	*	*
Colstrip (MT)	582	68.8	11.99	.64	2	454.4	26.91	.00	-	-	-	100	*	-
Corette (MT)	-	-	-	-	-	-	-	-	12	244.5	2.98	-	-	100
Montana-Dakota Utilities Co	233	80.5	11.10	1.17	1	413.4	23.71	.30	3	373.1	4.23	100	*	*
Coyote (ND)	184	73.2	10.09	1.27	1	413.4	23.71	.30	-	-	-	100	*	-
Heskett (ND)	36	103.9	14.59	.92	-	-	-	-	-	-	-	100	-	-
Lewis and Clark (MT)	14	116.2	15.61	.44	-	-	-	-	3	373.1	4.23	98	-	2
Montaup Electric Co	-	-	-	-	5	399.6	23.31	.22	-	-	-	-	100	-
Somerset (MA)	-	-	-	-	5	399.6	23.31	.22	-	-	-	-	100	-
Muscataine City Of	46	193.4	43.66	3.19	-	-	-	-	1	235.8	2.36	100	-	*
Muscataine (IA)	46	193.4	43.66	3.19	-	-	-	-	1	235.8	2.36	100	-	*
Nebraska Public Power District	464	83.0	14.61	.36	-	-	-	-	17	258.6	2.47	100	-	*
Gerald Gentleman (NE)	399	83.6	14.70	.35	-	-	-	-	16	242.5	2.30	100	-	*
Sheldon (NE)	65	78.2	14.05	.42	-	-	-	-	2	403.1	4.03	100	-	*
Nevada Power Co	182	181.2	43.37	.63	28	261.6	16.33	1.04	989	290.6	3.00	79	3	18
Clark (NV)	-	-	-	-	28	261.6	16.33	1.04	654	290.6	3.00	-	21	79
Gardner (NV)	182	181.2	43.37	.63	-	-	-	-	-	-	-	100	-	-
Sunrise (NV)	-	-	-	-	-	-	-	-	315	290.6	3.00	-	-	100
New England Power Co (NEES)	272	177.7	46.89	1.15	912	237.9	15.13	1.73	609	192.2	1.99	53	43	5
Brayton (MA)	233	175.0	46.09	1.13	211	198.9	12.67	1.48	-	-	-	82	18	-
Manchester St (RI)	-	-	-	-	-	-	-	-	292	192.2	1.99	-	-	100
Salem Harbor (MA)	40	193.3	51.55	1.29	701	249.6	15.87	1.81	-	-	-	19	81	-
South St (RI)	-	-	-	-	-	-	-	-	317	192.2	1.99	-	-	100
New Orleans Public Service Inc (MSU)	-	-	-	-	-	-	-	-	2,686	163.5	1.67	-	-	100
Michoud (LA)	-	-	-	-	-	-	-	-	2,686	163.5	1.67	-	-	100
New York State Elec & Gas Corp	306	150.5	37.60	2.26	1	454.6	26.16	.14	-	-	-	100	*	-
Goudey (NY)	24	159.2	41.62	1.98	1	453.3	26.08	.14	-	-	-	100	*	-
Greenidge (NY)	36	158.3	38.61	2.04	*	456.8	26.28	.14	-	-	-	100	*	-
Hickling (NY)	25	153.1	33.34	1.15	-	-	-	-	-	-	-	100	-	-
Jennison (NY)	14	173.0	37.54	.81	-	-	-	-	-	-	-	100	-	-
Milliken (NY)	70	164.1	40.14	1.98	-	-	-	-	-	-	-	100	-	-
Somerset (NY)	136	138.1	36.11	2.86	-	-	-	-	-	-	-	100	-	-
Niagara Mohawk Power Corp	201	148.5	38.87	2.12	1,059	242.5	15.24	1.02	1,937	202.7	2.10	38	48	14
Albany (NY)	-	-	-	-	353	203.1	12.68	1.26	1,600	198.5	2.06	-	57	43
Dunkirk (NY)	138	144.7	37.76	2.31	-	-	-	-	-	-	-	100	-	-
Huntley (NY)	63	156.7	41.32	1.69	-	-	-	-	-	-	-	100	-	-
Oswego (NY)	-	-	-	-	707	262.0	16.51	.91	337	223.1	2.30	-	93	7

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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	448	161.3	33.69	1.41	-	-	-	-	132	236.8	2.37	99	-	1
Bailly (IN)	85	145.4	32.37	2.83	-	-	-	-	16	243.3	2.43	99	-	1
Michigan City (IN)	44	150.9	33.54	2.15	-	-	-	-	54	240.6	2.41	95	-	5
Mitchell (IN)	41	133.3	25.47	.43	-	-	-	-	29	229.5	2.29	96	-	4
Rollin Schaefer (IN)	279	172.1	35.32	1.00	-	-	-	-	33	233.8	2.34	99	-	1
Northern States Power Co	938	124.7	22.02	.43	-	-	-	-	112	170.8	1.72	99	-	1
Black Dog (MN)	46	130.1	22.88	.32	-	-	-	-	95	170.0	1.71	89	-	11
High Bridge (MN)	26	92.7	16.40	.30	-	-	-	-	-	-	-	100	-	-
King (MN)	108	135.5	24.12	.27	-	-	-	-	-	-	-	100	-	-
Riverside (MN)	74	92.0	16.24	.27	-	-	-	-	17	175.1	1.76	99	-	1
Sherburne County (MN)	684	127.4	22.47	.48	-	-	-	-	-	-	-	100	-	-
Ohio Edison Co	651	130.8	31.80	2.04	7	412.1	23.77	0.24	-	-	-	100	*	-
Burger (OH)	119	121.6	28.53	2.99	*	412.7	23.92	.34	-	-	-	100	*	-
Edgewater (OH)	18	138.0	32.86	1.62	*	396.3	22.79	.27	-	-	-	99	1	-
Gorge Steam (OH)	6	130.7	32.10	2.12	*	418.8	24.08	.27	-	-	-	99	1	-
N. s (OH)	31	107.7	25.93	2.61	*	396.0	22.82	.22	-	-	-	100	*	-
Sammis (OH)	454	135.6	33.37	1.68	6	413.4	23.85	.23	-	-	-	100	*	-
Toronto (OH)	23	104.1	24.48	3.89	*	407.9	23.54	.21	-	-	-	100	*	-
Ohio Power Co (AEP)	1,035	171.6	39.88	3.41	5	404.1	23.16	.00	-	-	-	100	*	-
Gavin (OH)	458	176.8	40.30	3.53	-	-	-	-	-	-	-	100	-	-
Kammer (WV)	144	128.5	31.69	4.32	1	417.8	23.94	.00	-	-	-	100	*	-
Mitchell (WV)	176	186.0	44.13	1.27	-	-	-	-	-	-	-	100	-	-
Muskingum (OH)	257	177.9	40.80	4.16	4	402.5	23.07	.00	-	-	-	100	*	-
Ohio Valley Electric Corp	247	119.3	28.06	3.87	-	-	-	-	-	-	-	100	-	-
Kyger Creek (OH)	247	119.3	28.06	3.87	-	-	-	-	-	-	-	100	-	-
Oklahoma Gas & Electric Co	439	140.2	25.49	.44	-	-	-	-	8,948	266.0	2.76	46	-	54
Horseshoe Lake (OK)	-	-	-	-	-	-	-	-	2,743	264.6	2.74	-	-	100
Muskogee (OK)	230	140.4	25.67	.42	-	-	-	-	659	264.6	2.74	86	-	14
Mustang (OK)	-	-	-	-	-	-	-	-	1,210	266.2	2.76	-	-	100
Seminole (OK)	-	-	-	-	-	-	-	-	4,336	267.0	2.77	-	-	100
Sooner (OK)	208	140.0	25.28	.45	-	-	-	-	-	-	-	100	-	-
Omaha Public Power District	292	65.8	10.91	.33	-	-	-	-	36	232.4	2.33	99	-	1
Nebraska City (NE)	165	65.4	10.86	.33	-	-	-	-	-	-	-	100	-	-
North Omaha (NE)	127	66.3	10.98	.34	-	-	-	-	36	232.4	2.33	98	-	2
Orange & Rockland Utils Inc	62	216.1	56.52	.51	551	279.2	17.35	.35	3,059	217.6	2.25	20	42	39
Bowline (NY)	-	-	-	-	551	279.2	17.35	.35	2,621	216.0	2.23	-	56	44
Lovett (NY)	62	216.1	56.52	.51	-	-	-	-	438	227.0	2.35	78	-	22
Orlando Utilities Comm	76	189.5	48.35	.84	2	359.5	21.23	.48	1,653	227.1	2.33	53	*	47
Indian River (FL)	-	-	-	-	1	395.2	22.72	.30	1,653	227.1	2.33	-	*	100
Stanton Energy (FL)	76	189.5	48.35	.84	1	317.9	19.39	.70	-	-	-	100	*	-
Otter Tail Power Co	200	111.7	13.71	.95	*	390.7	22.97	.31	-	-	-	100	*	-
Big Stone (SD)	197	111.3	13.55	.96	-	-	-	-	-	-	-	100	-	-
Hoot Lake (MN)	3	126.3	23.62	.36	*	390.7	22.97	.31	-	-	-	96	4	-
Owensboro City Of	94	113.1	24.2	2.82	1	464.0	26.89	.38	-	-	-	100	*	-
Smith (KY)	94	113.1	24.23	2.82	1	464.0	26.89	.38	-	-	-	100	*	-
Pacific Gas & Electric Co	-	-	-	-	535	233.3	14.23	.73	21,667	299.3	3.08	-	13	87
Contra Costa (CA)	-	-	-	-	-	-	-	-	1,864	299.3	3.05	-	-	100
Humboldt Bay (CA)	-	-	-	-	-	-	-	-	99	299.3	3.06	-	-	100
Hunters Point (CA)	-	-	-	-	-	-	-	-	1,294	299.3	3.03	-	-	100
Morro Bay (CA)	-	-	-	-	-	-	-	-	3,342	299.3	3.11	-	-	100
Moss Landing (CA)	-	-	-	-	535	233.3	14.23	.73	7,229	299.3	3.11	-	30	70
Pittsburg (CA)	-	-	-	-	-	-	-	-	6,777	299.3	3.05	-	-	100
Potrero (CA)	-	-	-	-	-	-	-	-	1,062	299.3	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, July 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	2,094	102.9	19.46	0.57	4	429.0	25.41	0.30	5	311.9	3.26	100	°	*
Carbon (UT)	40	95.5	22.74	.55	-	-	-	-	-	-	-	100	-	-
Centralia (WA)	433	161.7	26.26	.62	1	429.5	25.43	.30	-	-	-	100	*	-
Emery-Hunter (UT)	245	77.9	17.99	.48	-	-	-	-	-	-	-	100	-	-
Huntington (UT)	197	87.8	20.59	.45	-	-	-	-	-	-	-	100	-	-
Jim Bridger (WY)	542	104.5	20.57	.58	3	428.9	25.40	.30	-	-	-	100	*	-
Johnston (WY)	328	69.3	10.94	.42	-	-	-	-	-	-	-	100	-	-
Naughton (WY)	170	119.4	23.04	.86	-	-	-	-	5	311.9	3.26	100	-	*
Wyodak (WY)	139	60.8	9.74	.66	-	-	-	-	-	-	-	100	-	-
Painesville City Of	8	140.5	34.05	3.19	-	-	-	-	1	438.0	4.38	100	-	*
Painesville (OH)	8	140.5	34.05	3.19	-	-	-	-	1	438.0	4.38	100	-	*
Pasadena City Of	-	-	-	-	-	-	-	-	506	280.6	2.88	-	-	100
Broadway (CA)	-	-	-	-	-	-	-	-	506	280.6	2.88	-	-	100
Pennsylvania Electric Co (GPS)	1,195	150.2	36.41	1.84	16	424.2	24.73	.05	-	-	-	100	*	-
Conemaugh (PA)	366	158.2	39.08	2.30	4	405.8	23.66	.05	-	-	-	100	*	-
Front St (PA)	10	138.6	33.58	1.81	-	-	-	-	-	-	-	100	-	-
Homer City (PA)	365	153.9	36.16	1.47	3	412.3	24.04	.05	-	-	-	100	*	-
Keystone (PA)	285	152.9	37.56	1.73	5	416.7	24.29	.05	-	-	-	100	*	-
Seward (PA)	37	128.2	30.82	1.65	-	-	-	-	-	-	-	100	-	-
Shawville (PA)	117	117.2	28.47	1.91	4	461.1	26.88	.05	-	-	-	99	1	-
Warren (PA)	15	134.6	33.17	1.85	-	-	-	-	-	-	-	100	-	-
Pennsylvania Power & Light Co	897	170.4	41.04	1.82	686	253.4	16.11	.86	-	-	-	83	17	-
Brunner Island (PA)	405	176.1	44.06	2.00	7	374.4	21.97	.08	-	-	-	100	*	-
Holtwood (PA)	35	102.8	17.31	.69	-	-	-	-	-	-	-	100	-	-
Martins Creek (PA)	20	151.9	39.60	2.25	-	-	-	-	-	-	-	100	-	-
Montour (PA)	315	185.0	46.01	1.83	-	-	-	-	-	-	-	100	-	-
Storage Facility #1	-	-	-	-	679	252.2	16.05	.87	-	-	-	-	100	-
Sunbury (PA)	122	121.8	25.20	1.42	-	-	-	-	-	-	-	100	-	-
Pennsylvania Power Co	613	148.7	35.88	3.91	47	367.7	21.27	.32	-	-	-	98	2	-
Bruce Mansfield (PA)	555	151.2	36.51	4.17	46	365.9	21.17	.32	-	-	-	98	2	-
New Castle (PA)	57	124.2	29.81	1.44	1	429.6	24.88	.23	-	-	-	99	1	-
Philadelphia Electric Co	65	162.7	42.51	2.01	526	245.7	15.62	.48	-	-	-	34	66	-
Cromby (PA)	9	158.6	41.93	1.65	-	-	-	-	-	-	-	100	-	-
Delaware (PA)	-	-	-	-	79	251.5	15.98	.46	-	-	-	-	100	-
Eddystone (PA)	56	163.3	42.61	2.07	265	235.7	15.03	.41	-	-	-	46	54	-
Schuylkill (PA)	-	-	-	-	90	271.1	17.18	.49	-	-	-	-	100	-
Storage Facility #1	-	-	-	-	92	244.9	15.48	.70	-	-	-	-	100	-
Plains Elec Gen & Trans Coop Inc	83	126.1	22.84	.64	-	-	-	-	*	420.6	3.74	100	-	*
Escalante (NM)	83	126.1	22.84	.64	-	-	-	-	*	420.6	3.74	100	-	*
Platte River Power Authority	102	75.7	13.33	.33	-	-	-	-	-	-	-	100	-	-
Rawhide (CO)	102	75.7	13.33	.33	-	-	-	-	-	-	-	100	-	-
Portland General Electric Co	101	110.5	18.38	.32	13	347.3	20.28	.48	-	-	-	96	4	-
Boardman (OR)	101	110.5	18.38	.32	13	347.3	20.28	.48	-	-	-	96	4	-
Potomac Edison Co (APS)	11	151.5	40.98	1.13	1	374.1	22.15	.30	-	-	-	99	1	-
Smith (MD)	11	151.5	40.98	1.13	1	374.1	22.15	.30	-	-	-	99	1	-
Potomac Electric Power Co	632	170.2	43.21	1.49	821	239.1	14.89	1.23	641	216.5	2.26	74	23	3
Benning (DC)	-	-	-	-	272	302.5	18.18	.99	-	-	-	-	100	-
Chalk (MD)	63	171.3	43.59	1.87	545	208.1	13.19	1.36	641	216.5	2.26	28	60	12
Dickerson (MD)	138	150.6	37.37	1.50	2	385.3	22.25	.20	-	-	-	100	*	-
Morgantown (MD)	341	174.0	44.23	1.61	-	-	-	-	-	-	-	100	-	-
Potomac River (VA)	89	184.1	47.43	.78	2	391.2	22.52	.20	-	-	-	100	*	-
Power Authority Of State Of NY	-	-	-	-	-	-	-	-	1,852	218.8	2.26	-	-	100
Poletti (NY)	-	-	-	-	-	-	-	-	1,852	218.8	2.26	-	-	100

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
July 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			
Public Service Co Of Colorado	659	114.9	21.64	0.37	2	384.0	22.11	0.29	127	214.7	2.10	99	*	1
Arapahoe (CO)	51	112.1	24.95	.43	-	-	-	-	9	209.4	2.05	99	-	1
Cameo (CO)	18	97.2	22.01	.60	-	-	-	-	7	354.7	3.52	98	-	2
Cherokee (CO)	154	119.2	25.76	.43	-	-	-	-	82	203.6	1.99	98	-	2
Comanche (CO)	191	121.3	20.60	.31	2	384.0	22.11	.29	1	200.9	1.99	100	*	*
Pawnee (CO)	204	110.0	18.26	.33	-	-	-	-	-	-	-	100	-	-
Valmont (CO)	41	106.1	23.58	.43	-	-	-	-	3	275.4	2.67	100	-	*
Zuni (CO)	-	-	-	-	-	-	-	-	25	209.4	2.05	-	-	100
Public Service Co Of IN Inc	1,028	144.6	31.48	2.29	11	390.9	22.49	.30	-	-	-	100	*	-
Cayuga (IN)	247	128.2	27.69	2.24	3	377.4	21.72	.30	-	-	-	100	*	-
Edwardsport (IN)	-	-	-	-	1	377.4	21.71	.30	-	-	-	-	100	-
Gallagher (IN)	102	130.2	28.78	2.27	3	408.9	23.53	.30	-	-	-	99	1	-
Gibson Station (IN)	553	158.2	34.48	2.38	-	-	-	-	-	-	-	100	-	-
Noblesville (IN)	5	130.5	29.59	1.75	-	416.0	23.94	.30	-	-	-	98	2	-
Wabash River (IN)	121	128.6	27.90	2.04	4	386.8	22.26	.30	-	-	-	98	1	-
Public Service Co Of NH	67	175.9	48.73	2.08	499	169.6	11.10	1.99	-	-	-	35	65	-
Merrimack (NH)	67	175.9	46.73	2.08	-	426.9	24.82	.24	-	-	-	100	*	-
Newington Station (NH)	-	-	-	-	404	169.7	11.10	2.01	-	-	-	-	100	-
Schiller (NH)	-	-	-	-	95	169.0	11.05	1.95	-	-	-	-	100	-
Public Service Co Of NM	488	163.5	30.91	.80	6	326.3	19.08	.42	59	322.5	3.49	99	*	1
Reeves (NM)	-	-	-	-	-	-	-	-	59	322.5	3.49	-	-	100
San Juan (NM)	488	163.5	30.91	.80	6	326.3	19.08	.42	-	-	-	100	*	-
Public Service Co Of Oklahoma (CSW)	295	170.3	30.54	.50	-	-	-	-	6,726	331.5	3.49	43	-	57
Northeastern (OK)	295	170.3	30.54	.50	-	-	-	-	2,356	331.5	3.58	68	-	32
Riverside (OK)	-	-	-	-	-	-	-	-	3,521	331.5	3.42	-	-	100
Southwestern (OK)	-	-	-	-	-	-	-	-	849	331.5	3.53	-	-	100
Public Service Electric & Gas Co ...	16	163.4	44.41	.83	375	270.8	16.81	.31	5,052	211.1	2.18	5	29	65
Bergen (NJ)	-	-	-	-	-	-	-	-	1,954	211.0	2.18	-	-	100
Burlington (NJ)	-	-	-	-	71	258.6	16.39	.42	-	-	-	-	100	-
Hudson (NJ)	8	152.0	39.85	.80	-	-	-	-	1,817	211.0	2.18	10	-	90
Kearny (NJ)	-	-	-	-	92	267.9	16.62	.28	-	-	-	-	100	-
Linden (NJ)	-	-	-	-	213	276.3	17.03	.28	-	-	-	-	100	-
Mercer (NJ)	7	175.1	49.46	.85	-	-	-	-	50	211.8	2.19	80	-	20
Sewaren (NJ)	-	-	-	-	-	-	-	-	1,231	211.3	2.18	-	-	100
Richmond City Of	29	157.5	35.16	2.53	-	-	-	-	-	-	-	100	-	-
Whitewater (IN)	29	157.5	35.16	2.53	-	-	-	-	-	-	-	100	-	-
Rochester City Of	9	158.4	37.02	1.92	-	-	-	-	51	197.6	1.99	80	-	20
Silver Lake (MN)	9	158.4	37.02	1.92	-	-	-	-	51	197.6	1.99	80	-	20
Rochester Gas & Electric Corp	65	154.3	40.74	2.13	-	-	-	-	-	-	-	100	-	-
Rochester 3 (NY)	11	155.6	40.63	2.03	-	-	-	-	-	-	-	100	-	-
Rochester 7 (NY)	54	154.1	40.77	2.16	-	-	-	-	-	-	-	100	-	-
Ruston City Of	-	-	-	-	-	-	-	-	160	176.4	1.87	-	-	100
Steam Plant (LA)	-	-	-	-	-	-	-	-	160	176.4	1.87	-	-	100
S Mississippi Elec Pwr Assn	56	204.5	50.93	.99	-	-	-	-	608	163.9	1.66	70	-	30
Moselle (MS)	-	-	-	-	-	-	-	-	608	163.9	1.66	-	-	100
R D Morrow (MS)	56	204.5	50.93	.99	-	-	-	-	-	-	-	100	-	-
Salt River Proj Ag I & P Dist	680	110.0	23.88	.47	33	351.7	21.34	.58	821	219.3	2.26	93	1	5
Agua Fria (AZ)	-	-	-	-	21	342.4	21.19	.81	802	219.3	2.26	-	14	86
Coronado (AZ)	72	208.1	40.71	.43	8	348.0	20.37	.13	-	-	-	97	3	-
Kyrene (AZ)	-	-	-	-	-	-	-	-	19	218.5	2.26	-	-	100
Navajo (AZ)	608	99.6	21.88	.48	4	406.6	23.76	.20	-	-	-	100	*	-
San Antonio City Of	259	126.8	21.19	.44	-	-	-	-	4,691	176.1	1.79	48	-	52

See notes and footnotes at end of table.

**Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
July 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			
San Antonio City Of														
Braunig (TX)	-	-	-	-	-	-	-	-	1,731	176.1	1.79	-	-	100
J T Deely (TX)	259	126.8	21.19	0.44	-	-	-	-	-	-	-	100	-	-
Leon Creek (TX)	-	-	-	-	-	-	-	-	7	176.0	1.83	-	-	100
Mission Rd (TX)	-	-	-	-	-	-	-	-	7	176.1	1.78	-	-	100
Sommers (TX)	-	-	-	-	-	-	-	-	2,859	176.1	1.79	-	-	100
Tuttle (TX)	-	-	-	-	-	-	-	-	87	176.0	1.82	-	-	100
San Diego Gas & Electric Co														
Encina (CA)	-	-	-	-	286	236.0	14.57	.51	5,408	249.7	2.58	-	24	76
South Bay (CA)	-	-	-	-	286	236.0	14.57	.51	2,924	250.0	2.59	-	37	63
	-	-	-	-	-	-	-	-	2,484	249.4	2.57	-	-	100
San Miguel Electric Coop Inc														
San Miguel (TX)	257	85.5	9.64	2.07	-	-	-	-	-	-	-	100	-	-
	257	85.5	9.64	2.07	-	-	-	-	-	-	-	100	-	-
Savannah Electric & Power Co														
McIntosh (GA)	76	168.8	42.79	.94	16	210.3	13.19	2.21	160	275.8	2.82	88	5	7
Port Wentworth (GA)	34	173.7	43.16	.81	-	451.1	26.15	.00	-	-	-	100	*	-
Riverside (GA)	42	165.1	42.49	1.04	16	207.7	13.03	2.23	87	267.5	2.74	85	8	7
	-	-	-	-	-	-	-	-	72	285.7	2.92	-	-	100
Seminole Electric Coop Inc														
Seminole (FL)	259	198.2	48.28	2.86	2	401.1	23.94	.10	-	-	-	100	*	-
	259	198.2	48.28	2.86	2	401.1	23.94	.10	-	-	-	100	*	-
Sierra Pacific Power Co														
Fort Churchill (NV)	119	184.9	39.07	.41	13	280.5	17.43	.89	2,095	153.7	1.59	53	2	46
North Valmy (NV)	-	-	-	-	12	268.8	16.80	.75	1,201	153.7	1.59	-	6	94
Tracy (NV)	119	184.9	39.07	.41	1	430.8	25.06	.00	-	-	-	100	*	-
	-	-	-	-	-	-	-	-	894	153.7	1.59	-	-	100
Sikeston City Of														
Sikeston (MO)	82	164.3	37.23	2.40	-	-	-	-	-	-	-	100	-	-
	82	164.3	37.23	2.40	-	-	-	-	-	-	-	100	-	-
South Carolina Electric & Gas Co ..														
Canadys (SC)	427	166.7	42.55	1.22	-	-	-	-	1,678	165.0	1.69	86	-	14
Hagood (SC)	67	169.1	42.69	1.40	-	-	-	-	788	165.0	1.69	68	-	32
Mcmeekin (SC)	-	-	-	-	-	-	-	-	11	158.4	1.62	-	-	100
Urguhart (SC)	50	163.3	43.09	1.32	-	-	-	-	353	165.4	1.69	78	-	22
Waterree (SC)	42	170.1	42.90	1.28	-	-	-	-	525	165.0	1.69	66	-	34
Williams (SC)	134	166.4	42.32	1.13	-	-	-	-	-	-	-	100	-	-
	134	166.1	42.40	1.18	-	-	-	-	-	-	-	100	-	-
South Carolina Pub Serv Auth														
Cross (SC)	337	175.4	44.25	1.26	-	-	-	-	-	-	-	100	-	-
Grainger (SC)	73	159.2	41.41	1.09	-	-	-	-	-	-	-	100	-	-
Jefferies (SC)	17	165.9	43.34	1.65	-	-	-	-	-	-	-	100	-	-
Winyah (SC)	71	184.5	44.70	1.65	-	-	-	-	-	-	-	100	-	-
	176	179.8	45.34	1.14	-	-	-	-	-	-	-	100	-	-
Southern California Edison Co														
Alamitos (CA)	471	107.2	23.46	.53	-	-	-	-	21,151	258.9	2.61	33	-	67
Cool Water (CA)	-	-	-	-	-	-	-	-	5,674	259.8	2.73	-	-	100
El Segundo (CA)	-	-	-	-	-	-	-	-	207	350.0	3.63	-	-	100
Etiwanda (CA)	-	-	-	-	-	-	-	-	2,473	255.3	2.64	-	-	100
Highgrove (CA)	-	-	-	-	-	-	-	-	1,145	255.3	2.63	-	-	100
Huntington Beach (CA)	-	-	-	-	-	-	-	-	4	255.3	2.62	-	-	100
Mandalay (CA)	-	-	-	-	-	-	-	-	1,250	275.0	2.89	-	-	100
Mohave (NV)	-	-	-	-	-	-	-	-	1,344	255.1	2.74	-	-	100
Ormond Beach (CA)	471	107.2	23.46	.53	-	-	-	-	194	279.7	2.90	98	-	2
Redondo (CA)	-	-	-	-	-	-	-	-	4,742	255.3	2.68	-	-	100
San Bernardino (CA)	-	-	-	-	-	-	-	-	4,026	254.9	2.16	-	-	100
	-	-	-	-	-	-	-	-	91	255.3	2.69	-	-	100
Southern Illinois Power Coop														
Marion (IL)	100	76.1	14.78	2.76	1	435.8	24.87	.00	-	-	-	100	*	-
	100	76.1	14.78	2.76	1	435.8	24.87	.00	-	-	-	100	*	-
Southern Indiana Gas & Elec Co														
A B Brown (IN)	171	157.6	35.72	3.07	1	382.3	22.32	.39	4	320.0	3.29	100	*	*
Culley (IN)	97	154.4	35.27	3.21	1	378.4	22.09	.39	-	-	-	100	*	-
Warrick (IN)	54	174.0	39.27	2.90	-	411.5	24.02	.39	1	320.0	3.29	100	*	*
	20	127.7	28.25	2.88	-	-	-	-	4	320.0	3.29	99	-	1

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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			
Southwestern Electric Power Co														
(CSW)	892	172.6	27.25	0.75	-	-	-	-	2,645	245.4	2.51	84	-	16
Flint Creek (AR)	180	145.4	24.32	.32	-	-	-	-	-	-	-	100	-	-
Knox Lee (TX)	-	-	-	-	-	-	-	-	941	191.9	2.04	-	-	100
Lieberman (LA)	-	-	-	-	-	-	-	-	564	153.8	1.66	-	-	100
Pirkey (TX)	261	121.3	16.38	1.76	-	-	-	-	3	270.4	2.93	100	-	*
Welsh Station (TX)	451	207.5	34.71	.33	-	-	-	-	-	-	-	100	-	-
Wilkes (TX)	-	-	-	-	-	-	-	-	1,137	345.5	3.31	-	-	100
Southwestern Public Service Co														
Cunningham (NM)	755	175.6	30.88	.38	-	-	-	-	5,107	185.7	1.93	71	-	29
Harrington (TX)	-	-	-	-	-	-	-	-	1,450	166.7	1.76	-	-	100
Jones (TX)	378	162.8	28.74	.38	-	-	-	-	4	246.4	2.41	100	-	*
Maddox (NM)	-	-	-	-	-	-	-	-	1,414	186.4	1.96	-	-	100
Nichols (TX)	-	-	-	-	-	-	-	-	629	179.5	1.91	-	-	100
Plant X (TX)	-	-	-	-	-	-	-	-	664	221.8	2.14	-	-	100
Tolk (TX)	377	188.6	33.02	.38	-	-	-	-	937	194.6	2.00	-	-	100
Springfield City Of	49	134.8	31.66	2.44	-	-	-	-	53	158.8	1.62	95	-	5
James River (MO)	6	135.1	31.71	2.46	-	-	-	-	53	158.8	1.62	71	-	29
Southwest (MO)	43	134.8	31.65	2.44	-	-	-	-	1	158.0	1.62	100	-	*
Springfield City Of														
Dallman (IL)	89	136.1	28.16	2.95	-	-	-	-	-	-	-	100	-	-
Lakeside (IL)	77	136.1	28.16	2.95	-	-	-	-	-	-	-	100	-	-
St Joseph Light & Power Co	12	135.1	31.00	2.80	7	152.6	10.08	1.87	34	157.9	1.62	77	13	10
Lakeroad (MO)	12	135.1	31.00	2.80	7	152.6	10.08	1.87	34	157.9	1.62	77	13	10
Sunflower Electric Coop Inc														
Holcomb (KS)	114	96.1	16.35	.34	-	-	-	-	7	121.0	.96	100	-	*
Tallahassee City Of	114	96.1	16.35	.34	-	-	-	-	7	121.0	.96	100	-	*
Tallahassee City Of														
Hopkins (FL)	-	-	-	-	-	-	-	-	1,576	203.2	2.12	-	-	100
Purdum (FL)	-	-	-	-	-	-	-	-	1,354	203.2	2.12	-	-	100
Tampa Electric Co	455	183.5	44.74	2.20	24	392.1	22.90	.43	-	-	-	99	1	-
Big Bend (FL)	403	176.9	42.87	2.34	20	393.0	22.95	.43	-	-	-	99	1	-
Gannon (FL)	52	232.0	59.19	1.12	4	387.4	22.65	.41	-	-	-	98	2	-
Taunton City Of														
Cleary (MA)	-	-	-	-	11	239.0	14.97	1.15	180	218.0	2.25	-	27	73
Tennessee Valley Authority	-	-	-	-	11	239.0	14.97	1.15	180	218.0	2.25	-	27	73
Allen (TN)	2,634	130.2	30.70	2.39	17	391.5	22.72	.50	-	-	-	100	*	-
Bull Run (TN)	91	118.2	27.80	1.96	-	-	-	-	-	-	-	100	-	-
Colbert (AL)	203	215.4	49.61	1.00	-	-	-	-	-	-	-	100	-	-
Cumberland (TN)	155	120.7	28.39	1.72	-	-	-	-	-	-	-	100	-	-
Gallatin (TN)	462	131.7	30.44	2.70	7	419.7	24.31	.50	-	-	-	100	*	-
Johnsonville (TN)	152	122.7	29.70	2.82	3	320.0	18.90	.50	-	-	-	100	*	-
Kingston (TN)	178	131.9	30.62	1.63	-	-	-	-	-	-	-	100	-	-
Paradise (KY)	337	122.0	30.79	1.27	2	382.3	22.14	.50	-	-	-	100	*	-
Sevier (TN)	498	105.6	22.98	4.46	-	-	-	-	-	-	-	100	-	-
Shawnee (KY)	186	128.7	32.89	1.72	-	421.1	24.55	.50	-	-	-	100	*	-
Widows Creek (AL)	129	130.1	31.20	.98	3	398.6	23.04	.50	-	-	-	100	*	-
Texas Municipal Power Agency	244	132.3	32.45	2.46	3	399.9	22.94	.50	-	-	-	100	*	-
Gibbons Creek (TX)	270	146.5	14.49	1.53	-	-	-	-	-	-	-	100	-	-
Texas New Mexico Power Co	270	146.5	14.49	1.53	-	-	-	-	-	-	-	100	-	-
TNP One (Tx)	82	132.2	17.90	1.04	-	-	-	-	3	176.0	1.88	100	-	*
Texas Utilities Electric Co (TU)	82	132.2	17.90	1.04	-	-	-	-	3	176.0	1.88	100	-	*
Texas Utilities Electric Co (TU)														
Big Brown (TX)	2,978	82.9	10.70	.82	10	347.6	20.15	.50	37,507	246.9	2.57	50	*	50
Collin (TX)	603	67.0	9.07	.73	-	-	-	-	71	246.9	2.68	99	-	1
	-	-	-	-	-	-	-	-	307	246.9	2.56	-	-	100

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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			
Texas Utilities Electric Co (TU)														
Dallas (TX)	-	-	-	-	-	-	-	-	17	246.9	2.59	-	-	100
Decordova (TX)	-	-	-	-	-	-	-	-	3,625	246.9	2.55	-	-	100
Eagle Mountain (TX)	-	-	-	-	-	-	-	-	798	246.9	2.56	-	-	100
Graham (TX)	-	-	-	-	-	-	-	-	1,963	246.9	2.69	-	-	100
Handley (TX)	-	-	-	-	-	-	-	-	2,494	246.9	2.57	-	-	100
Lake Creek (TX)	-	-	-	-	-	-	-	-	704	246.9	2.68	-	-	100
Lake Hubbard (TX)	-	-	-	-	-	-	-	-	3,122	246.9	2.58	-	-	100
Martin Lake (TX)	1,208	85.9	11.40	1.10	6	347.6	20.15	0.50	-	-	-	100	*	-
Monticello (TX)	1,108	89.1	10.84	.54	4	347.6	20.15	.50	-	-	-	100	*	-
Morgan Creek (TX)	-	-	-	-	-	-	-	-	3,507	246.9	2.55	-	-	100
Mountain Creek (TX)	-	-	-	-	-	-	-	-	3,056	246.9	2.56	-	-	100
North Lake (TX)	-	-	-	-	-	-	-	-	1,984	246.9	2.54	-	-	100
North Main (TX)	-	-	-	-	-	-	-	-	18	246.9	2.56	-	-	100
Parkdale (TX)	-	-	-	-	-	-	-	-	611	246.9	2.50	-	-	100
Permian Basin (TX)	-	-	-	-	-	-	-	-	2,852	246.9	2.54	-	-	100
River Crest (TX)	-	-	-	-	-	-	-	-	159	246.9	2.67	-	-	100
Sandow No 4 (TX)	59	80.3	10.32	1.09	-	-	-	-	-	-	-	100	-	-
Stryker (TX)	-	-	-	-	-	-	-	-	2,214	246.9	2.59	-	-	100
Tradinghouse (TX)	-	-	-	-	-	-	-	-	6,231	246.9	2.53	-	-	100
Trinidad (TX)	-	-	-	-	-	-	-	-	535	246.9	2.62	-	-	100
Valley (TX)	-	-	-	-	-	-	-	-	3,239	246.9	2.64	-	-	100
Toledo Edison Co														
Acme (OH)	47	194.3	50.56	1.11	1	398.6	23.06	.57	1	311.4	3.19	100	*	*
Bay Shore (OH)	8	174.5	44.01	.60	-	-	-	-	1	311.4	3.19	99	-	1
Bay Shore (OH)	39	198.2	51.90	1.22	1	398.6	23.06	.57	-	-	-	100	*	-
Tucson Electric Power Co														
Irvington (AZ)	21	286.5	58.21	.48	-	-	-	-	124	245.7	2.54	77	-	23
Irvington (AZ)	21	286.5	58.21	.48	-	-	-	-	124	245.7	2.54	77	-	23
Union Electric Co														
Labadie (MO)	766	151.9	33.27	1.94	15	366.9	21.11	.29	92	161.1	1.70	99	1	1
Labadie (MO)	365	139.4	31.58	2.49	15	366.9	21.11	.29	-	-	-	99	1	-
Meramec (MO)	34	219.9	51.46	1.28	-	-	-	-	10	437.7	4.41	99	-	1
Rush Island (MO)	209	140.6	27.81	.84	-	-	-	-	-	-	-	100	-	-
Sioux (MO)	158	178.4	40.50	2.26	-	-	-	-	-	-	-	100	-	-
Venice No.2 (IL)	-	-	-	-	-	-	-	-	82	129.1	1.37	-	-	100
United Illuminating Co														
Bridgeport Harbor (CT)	63	217.3	57.36	.54	437	215.9	13.78	.98	429	197.0	2.03	34	57	9
Bridgeport Harbor (CT)	63	217.3	57.36	.54	168	213.8	13.64	.98	-	-	-	61	39	-
English (CT)	-	-	-	-	3	272.5	17.39	1.00	-	-	-	-	100	-
New Haven Hbr (CT)	-	-	-	-	265	216.6	13.84	.98	429	197.0	2.03	-	79	21
United Power Assn														
Stanton (ND)	94	103.2	14.09	.93	-	-	-	-	-	-	-	100	-	-
Stanton (ND)	94	103.2	14.09	.93	-	-	-	-	-	-	-	100	-	-
Vero Beach City Of														
Vero Beach (FL)	-	-	-	-	-	-	-	-	352	232.1	2.38	-	-	100
Vero Beach (FL)	-	-	-	-	-	-	-	-	352	232.1	2.38	-	-	100
Vineyard City Of														
H M Down (NJ)	-	-	-	-	53	292.9	18.43	.83	-	-	-	-	100	-
H M Down (NJ)	-	-	-	-	53	292.9	18.43	.83	-	-	-	-	100	-
Virginia Electric & Power Co														
Bremo Bluff (VA)	613	151.4	38.03	1.28	36	369.5	21.73	.20	230	197.1	2.06	97	1	2
Bremo Bluff (VA)	8	148.2	37.70	.94	-	-	-	-	-	-	-	100	-	-
Chesapeake Energy (VA)	76	150.0	38.75	1.12	15	354.8	20.86	.20	2	258.6	2.69	96	4	*
Chesterfield (VA)	203	150.5	38.20	1.00	2	358.3	21.07	.20	-	-	-	100	*	-
Mount Storm (WV)	234	153.0	37.51	1.70	4	485.7	28.56	.20	-	-	-	100	*	-
Possum Point (VA)	58	153.4	38.71	.88	14	355.6	20.91	.20	-	-	-	95	5	-
Yorktown (VA)	34	146.0	38.02	1.21	2	347.9	20.46	.20	229	196.6	2.05	78	1	21
West Penn Power Co (APS)														
Armstrong (PA)	352	136.7	34.42	2.00	3	402.2	23.82	.27	-	-	-	100	*	-
Armstrong (PA)	80	121.3	29.72	1.75	1	406.5	24.07	.27	-	-	-	100	*	-
Hatfield (PA)	224	144.0	36.90	2.05	2	404.8	23.97	.27	-	-	-	100	*	-
Mitchell (PA)	47	126.2	30.60	2.16	-	381.5	22.59	.27	-	-	-	100	*	-
West Texas Utilities Co (CSW)														
West Texas Utilities Co (CSW)	294	169.0	28.28	.33	-	-	-	-	3,678	173.9	1.80	56	-	44

See notes and footnotes at end of table.

Table 48. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, July 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)														
Fort Phantom (TX)	-	-	-	-	-	-	-	-	1,634	157.1	1.59	-	-	100
Oak Creek (TX)	-	-	-	-	-	-	-	-	308	157.6	1.83	-	-	100
Oklauinion (TX)	294	169.0	28.28	0.33	-	-	-	-	-	-	-	100	-	-
Paint Creek (TX)	-	-	-	-	-	-	-	-	375	175.1	1.85	-	-	100
Rio Pecos (TX)	-	-	-	-	-	-	-	-	1,024	142.8	1.39	-	-	100
San Angelo (TX)	-	-	-	-	-	-	-	-	337	338.1	3.92	-	-	100
Western Farmers Elec Coop Inc														
Hugo (OK)	115	196.6	33.90	.45	-	-	-	-	814	164.7	1.73	70	-	30
Mooreland (OK)	115	196.6	33.90	.45	-	-	-	-	-	-	-	100	-	-
Mooreland (OK)	-	-	-	-	-	-	-	-	814	164.7	1.73	-	-	100
Western Massachusetts Elec Co														
(NU)	-	-	-	-	19	273.3	17.31	0.94	208	214.8	2.20	-	36	64
West Springfield (MA)	-	-	-	-	19	273.3	17.31	.94	208	214.8	2.20	-	36	64
Wisconsin Electric Power Co														
Oak Creek (WI)	648	138.7	29.67	.88	-	-	-	-	54	277.4	2.80	100	-	*
Pleasant Prairie (WI)	118	152.4	38.80	1.72	-	-	-	-	44	287.4	2.90	99	-	1
Port Washington (WI)	262	90.1	15.28	.35	-	-	-	-	3	281.1	2.86	100	-	*
Presque Isle (MI)	35	166.6	43.38	1.57	-	-	-	-	-	-	-	100	-	-
Valley (WI)	173	164.8	37.22	.72	-	-	-	-	-	-	-	100	-	-
Valley (WI)	60	168.1	44.52	1.63	-	-	-	-	8	218.6	2.20	100	-	*
Wisconsin Power & Light Co														
Blackhawk (WI)	552	130.7	24.14	.88	-	-	-	-	6	223.6	2.24	100	-	*
Columbia (WI)	-	-	-	-	-	-	-	-	6	223.6	2.24	-	-	100
Edgewater (WI)	321	115.7	20.01	.43	-	-	-	-	-	-	-	100	-	-
Nelson Dewey (WI)	135	150.5	29.49	1.07	-	-	-	-	-	-	-	100	-	-
Rock River (WI)	72	128.2	26.15	.60	-	-	-	-	-	-	-	100	-	-
Rock River (WI)	24	195.0	43.52	2.17	-	-	-	-	-	-	-	100	-	-
Wisconsin Public Service Corp														
Pulliam (WI)	197	169.1	33.64	1.04	-	-	-	-	35	280.4	2.82	99	-	1
Weston (WI)	63	200.5	44.39	2.09	-	-	-	-	33	280.4	2.82	98	-	2
Weston (WI)	134	151.8	28.58	.55	-	-	-	-	2	280.4	2.82	100	-	*
U.S. Total	63,427	144.3	29.84	1.30	22,788	243.8	15.36	.99	294,672	214.6	2.21	75	8	17

¹ The July 1990 petroleum coke receipts were 47,000 short tons and the cost was 80.4 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 August 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)	BPA Tripped ³	120	21,000	12:19 PM Same Day
1/30/90	7:07 AM	Juneau, Alaska	Alaska Electric Light and Power Company (ASCC)	Relay Trip ⁴	40	7,500	9:06 AM Same Day
2/10/90	3:00 AM	Alabama	Alabama Power Company (SERC)	Tornadoes ⁵	300	98,000	8:00 PM 2/14/90
2/10/90	8:00 AM	Atlanta and Macon, Georgia	Georgia Power Company (SERC)	Storm ⁶	1500	500,000	6:00 PM 2/11/90
2/14/90	6:00 PM	Southwestern Illinois	Illinois Company (MAIN)	Ice Storm ⁷	NA	50,000	8:00 AM 2/18/90
2/15/90	Early AM	Pontiac and Kankakee, Illinois	Commonwealth Edison Company (MAIN)	Storm ⁸	NA	1,500	8:00 AM 2/16/90
2/16/90	3:37 PM	Reno and Carson City, Nevada	Sierra Pacific Power Company (WSCC)	Storm ⁸	650	160,000	7:05 PM Same Day
2/16/90	NA	Homer, Alaska	Homer Electric Association (ASCC)	Volcano ¹⁰	NA	NA	NA
2/25/90	11:28 AM	Seattle, Washington	Seattle City Light (WSCC)	Transformer ¹¹ Fire	31	NA	4:15 PM Same Day
2/28/90	3:43 PM	Los Angeles, California	Southern California Edison Company (WSCC)	Earthquake ¹²	None	None	7:26 PM Same Day
3/09/90	5:30 AM	Iowa	Several Companies (MAPP)	Storm ¹³	NA	55,400	2:00 PM 3/09/90
3/13/90	5:30 PM	Hesston, Kansas	Kansas Gas and Electric Company (SPP)	Tornado ¹⁴	NA	5,000	5:00 PM 3/16/90
3/20/90	9:40 PM	Plant Vogtle, Georgia	Georgia Power Company	Accident ¹⁵	NA	None	1:47 PM Same Day
4/22/90	9:40 PM	Santa Cruz County, California	Pacific Gas and Electric Company (WSCC)	Sabotage ¹⁶	NA	92,000	AM 4/24/90
5/03/90	3:00 PM	St. Petersburg, Florida	Florida Power Corporation (SERC)	Public ¹⁷ Appeal	None	1.1 million	10:00 PM 5/24/90
5/08/90	11:00 AM	North Little Rock, Arkansas Arkansas	North Little Rock, Arkansas (SPP)	Flood ¹⁸	NA	NA	NA

See endnotes on the next page.

**Table A1. Major Disturbances and Unusual Occurrences,
January through August 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)	Flood ¹⁹	NA	NA	NA
5/08/90	NA	Dardanelle, Arkansas	Southwestern Power Administration (SPP)	Flood ²⁰	NA	NA	NA
5/09/90	12:15 PM	Tuckasegee, North Carolina	Nantahala Power Light Company (SERC)	Outage ²¹	90	NA	1:05 PM Same Day
5/24/90	6:15 AM	Near Benton Harbor, Michigan	Indiana Michigan Power Company (ECAR)	Fire ²²	None	None	NA
5/24/90	2:00 PM	New York, New York	Consolidation Edison Company of New York (NPCC)	VR Test ²³	NA	2,000,000	3:03 PM Same Day
6/02/90	6:25 PM	Indiana	IPL, PSI, HE, IM (ECAR)	Tornadoes ²⁴	NA	50,000	25,000 still out 6/04/90
6/02/90	NA	Illinois	Central Illinois Public Service Company (MAIN)	Tornadoes ²⁴	NA	3,850	6/03/90 Remainder Fall 1990
6/04/90	8:59 AM	El Centro, California	Imperial Irrigation District (WSCC)	Explosion ²⁵	NA	3,000	9:54 AM 6/5/90
6/06/90	9:00 PM	Limon, Colorado	Mountain View Electric Cooperative (WSCC)	Tornado ²⁶	NA	2,000	NA
6/11/90	4:47 PM	Southern, California	Imperial Irrigation District (WSCC)	Storm ²⁷	367	1 Wholesale Customer	NA
6/15/90	Late Evening	Green Bay, Wisconsin	Wisconsin Public Service Corporation (MAIN)	Explosion ²⁸	None	None	6/22/90
6/18/90	4:31 AM	Southern Nevada	Nevada Power Company (WSCC)	Vandalism ²⁹	31	5,000	11:10 AM Same Day
6/19/90	9:45 PM	Wichita area, Kansas	Kansas Gas and Electric Company (SPP)	Storm ³⁰	500	60,000	6/21/90
6/26/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	PA ³¹	NA	NA	7:00 PM Same Day
6/27/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	PA ³²	NA	NA	7:00 PM Same Day
6/27/90	2:00 PM	Arizona	Arizona Public Service Company (WSCC)	Forest ³³ Fires	NA	NA	5:00 PM Same Day
6/28/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	PA ³⁴	NA	NA	7:00 PM Same Day
6/29/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	PA ³⁵	NA	NA	7:00 PM Same Day

See endnotes on the next page.

**Table A1. Major Disturbances and Unusual Occurrences,
January through August 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)	PA ³⁶	NA	NA	7:00 PM Same Day
7/01/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	PA ³⁷	NA	330,000	7:00 PM Same Day
7/02/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	PA ³⁸	NA	330,000	7:00 PM Same Day
7/05/90	1:45 PM	Baltimore, MD and Washington, D.C.	PJM Interconnection (MAAC)	VR, PA ³⁹ LS	770	NA	4:45 PM Same Day
7/12/90	2:00 PM	Southern Nevada	Nevada Power Company (WSCC)	PA ⁴⁰	NA	NA	7:00 PM Same Day
7/25/90	1:45 PM	Florida	Florida Power and Light Company (SERC)	PA ⁴¹ LC	520	NA	6:00 PM Same Day
7/28/90	10:15 PM	Chicago, Illinois	Commonwealth Edison Company, Chicago (MAIN)	Int. ⁴²	310	54,000	5:00 PM 7/31/90
7/28/90	1:04 PM	Baltimore, Maryland	Baltimore Gas and Electric Company (MAAC)	Int. ⁴³	430	93,925	1:07 PM Same Day
8/05/90	9:15 AM	Chicago, Illinois	Commonwealth Edison Company (MAIN)	Substation ⁴⁴ Fire	NA	25,000	5:30 PM Same Day
8/06/90	5:49 PM	Pacific NW	Bonneville Pwr. Admin. and other Utilities (WSCC)	Forest ⁴⁵ 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)	Forest ⁴⁶ Fire	714	162	6:55 PM Same Day
8/07/90	8:10 PM	Pacific NW	Bonneville Pwr. Admin. and Other Utilities (WSCC)	Forest ⁴⁷ 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)	Fire ⁴⁸	300	4,140	12:00 PM 8/20/90
8/29/90	3:22 PM	Jacksonville, Florida	Jacksonville Electric Authority (SERC)	VR ⁴⁹	NA	320,831	4:30 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 64,000 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 Intertie to the Los Angeles area for several hours. Some of the power flow diverted automatically to the 500-kilovolt AC Intertie 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 totaled 3,535 megawatts: 2,100 at Gibson, 1,225 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 Albion 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 shut-down 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. Reid 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. Reid Gardner Unit 3 was unavailable because of boiler repairs. Importation of scheduled energy and capacity from the Cello-Sylmar 500-kilovolt D.C. line was reduced by 100 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 Reid Gardner Unit 3 was unavailable because of ongoing boiler repairs, and Clark Unit 4, a 50-megawatt CT, tripped while running on its alternate fuel (No. 2 fuel oil). Sunrise Unit 2, a 69-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. Reid 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. Reid 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. Reid 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. Reid 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 Cello-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 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 curtailable 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 600 to 800 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 Substation failed due to an internal fault. Personnel working on another transformer load from the faulted transformer in the substation were able to expediate 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 162 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.

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 process.

ture (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"¹ 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.²

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,

¹Kott, P.S., "Nonresponse in a Periodic Sample Survey," *Journal of Business and Economic Statistics*, April 1987, Volume 5, Number 2, pp. 287-293.

²Knaub, 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, July 1990

Census Division and State	Coal (Btu per ton)	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	26,393,809	6,350,572	1,043,972
Connecticut	26,398,000	6,345,011	1,030,838
Maine	-	6,239,020	-
Massachusetts	26,339,920	6,329,824	1,046,108
New Hampshire	26,563,214	6,541,325	-
Rhode Island	-	-	1,035,000
Vermont	-	-	-
Middle Atlantic	24,656,064	6,296,148	1,033,746
New Jersey	26,368,908	6,244,068	1,033,389
New York	25,674,838	6,299,275	1,033,832
Pennsylvania	24,408,321	6,326,797	1,040,000
East North Central	21,853,561	6,173,000	999,864
Illinois	21,580,720	6,297,325	1,027,037
Indiana	20,862,029	5,780,275	1,006,477
Michigan	21,699,843	6,092,722	* 305,454
Ohio	23,758,366	5,790,031	1,001,303
Wisconsin	19,721,929	5,880,000	1,006,556
West North Central	17,456,824	5,897,032	997,908
Iowa	18,190,004	5,827,121	1,007,765
Kansas	18,080,096	5,796,000	996,800
Minnesota	17,655,974	5,790,298	1,004,125
Missouri	20,972,335	5,915,866	1,019,672
Nebraska	17,200,276	-	976,261
North Dakota	13,266,530	5,742,674	-
South Dakota	12,174,000	-	-
South Atlantic	24,735,127	6,320,707	1,016,751
Delaware	26,019,066	6,364,517	1,043,891
District of Columbia	-	6,009,313	-
Florida	24,674,122	6,345,591	1,011,877
Georgia	23,728,656	5,988,469	1,025,110
Maryland	25,449,879	6,310,484	1,042,000
North Carolina	25,169,914	5,809,564	-
South Carolina	25,374,922	5,796,000	1,023,993
Virginia	25,446,945	5,871,629	1,043,378
West Virginia	24,925,102	5,830,324	1,000,000
East South Central	23,801,725	6,190,355	1,038,223
Alabama	24,419,070	5,723,897	1,030,879
Kentucky	23,137,080	5,853,617	1,017,775
Mississippi	25,051,616	6,344,181	1,038,440
Tennessee	23,967,124	5,822,397	-
West South Central	15,382,243	6,098,390	1,040,771
Arkansas	17,508,474	5,776,563	1,010,202
Louisiana	16,272,033	6,194,235	1,049,289
Oklahoma	17,740,468	-	1,044,644
Texas	14,597,133	5,864,519	1,039,469
Mountain	19,491,679	6,102,357	1,038,136
Arizona	21,034,590	6,066,169	1,030,674
Colorado	19,456,612	5,758,998	987,571
Idaho	-	-	-
Montana	17,339,311	5,922,000	1,202,397
Nevada	22,252,226	6,233,236	1,034,631
New Mexico	17,973,430	5,847,000	1,048,984
Utah	23,060,684	-	-
Wyoming	17,554,011	5,854,431	1,045,000
Pacific Contiguous	16,315,783	6,126,537	1,023,009
California	-	6,131,340	1,023,009
Oregon	16,630,000	5,838,000	-
Washington	16,242,272	5,922,000	-
Pacific Noncontiguous	-	6,241,752	-
Alaska	-	-	-
Hawaii	-	6,241,752	-
U.S. Total	20,664,024	6,299,053	1,029,932

* Consists mostly of blast furnace gas which has a 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	91,066	.39
Total	2,633,833	2,646,651	.49
Average Revenue per Kilowatthour (cents)			
Residential	7.64	7.64	.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.

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

Wheeling 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.

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1A. Title of Publication ELECTRIC POWER MONTHLY		1B. PUBLICATION NO. 7 3 2 2 3 0 5		2. Date of Filing 9/25/90							
3. Frequency of Issue MONTHLY		3A. No. of Issues Published Annually 12		3B. Annual Subscription Price DOMESTIC \$66.00 FOREIGN \$82.50							
4. Complete Mailing Address of Known Office of Publication (Street, City, County, State and ZIP+4 Code) (Not printers) U.S. Department of Energy 1000 Independence Ave. SW Energy Information Administration Washington, DC 20585											
5. Complete Mailing Address of the Headquarters of General Business Offices of the Publisher (Not printer) U.S. Department of Energy 1000 Independence Ave. SW Energy Information Administration Washington, DC 20585											
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