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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-

icients 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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Petroleum Fuel-Switching Capability in the Electric Utility Industry

by Jeffrey Jones

Because oil is the most expensive input fuel used for the generation of electricity, during the past decade electric utilities have decreased their reliance on oil-fired plants and, when the need for additional new capacity has occurred, have built primarily coal-fired and nuclear plants. Oil-fired plants produced 149 billion kilowatthours of electricity in 1988, accounting for 6 percent of total generation (Table FE1). Although oil-fired generation increased slightly to 158 billion kilowatthours in 1989, its share remained at 6 percent of total generation of electricity (Table FE2).

The options available to the electric utility industry for reducing its consumption of oil include increasing production from units burning other fuels, switching to an alternate fuel in dual-fired units currently burning oil, or purchasing power from other electric utilities. Electric utilities may also be able to lower their consumption of oil by purchasing power from nonutility producers of electricity, but insufficient data are available at this time to estimate how much or how quickly additional supplies could be obtained from these sources. Other options for reducing consumption of oil within the industry, such as building new plants or converting oil-fired units to burn other fuels, would require several years and therefore are not viable for the short term.

In those Federal regions (Table FE3) that depend heavily upon oil for their production of electricity, the existing coal-fired, nuclear-powered, and hydroelectric plants are already fully utilized. Consequently, these regions are unable to displace their oil-fired generation through increased use of those alternative fuels. Any further reduction in consumption of oil through increased power purchases also has little potential since interregional transmission lines are heavily loaded because utilities have been using bulk-power transfers already to reduce their use of oil.

The primary option available for reducing consumption of oil by electric utilities is to switch to the use of natural gas as an input fuel. Some electric utilities have gas-fired steam units that could be utilized more intensively or dual-fired units currently burning oil that could be switched to the use of natural gas. Increased production from gas-fired steam plants would displace primarily residual fuel oil, which accounted for about 90 percent of total consumption of oil by electric utilities in 1989. Although electric utilities consume distillate fuel oil, it is too expensive to use in steam plants, other than for start-up or flame stabilization purposes. Most consumption of distillate fuel oil by electric utilities occurs in combustion turbines and combined cycle units; electric utilities already use natural gas whenever possible in these units.

The ability of electric utilities to substitute natural gas for residual fuel oil is subject to regional and seasonal variation. In some regions, utilities have gas-fired plants or dual-fired gas/oil plants, which could be utilized more fully to increase gas-fired generation in the region, thereby displacing some oil-fired generation (Table FE4). However, consumption of gas by electric utilities fluctuates during the year and in some regions, the capacity of gas pipelines may constrain any potential for increased gas-fired generation. During late fall and winter, consumption of natural gas by electric utilities is generally at its lowest level because competing requirements for natural gas (such as the need for residential space heating) have priority. The capability of electric utilities to switch input fuels is limited during these seasons. When the demand for natural gas in other sectors declines in the spring, electric utilities typically begin to switch from the use of oil to the use of natural gas for generation of electricity. In the summer, when the demand for electricity is usually at its peak, the demand for natural gas by electric utilities also reaches its maximum level, so increases in gas-fired generation are again limited.

For 1988 and 1989, reductions in consumption of oil by the electric utility industry are estimated to indicate any potential for fuel switching that could have occurred during a disruption of oil supplies.¹ Two estimates of potential displacement of oil by gas during the last 2 quarters of 1990 and first 2 quarters of 1991 are also provided.² In the *low-oil-price* case, potential reductions in oil consumption by utilities are estimated, based on expected consumption of oil and gas assuming the price of imported crude oil, in nominal dollars, is \$15 per barrel during the third quarter of 1990, \$16 per barrel during the fourth quarter of 1990, and \$17 per barrel during the first 2 quarters of 1991. In the *high-oil-price* case, estimates of switching from the use of oil to the use of gas are based on revised consumption of oil and gas by electric utilities, assuming the price of imported crude oil is \$23 per barrel during the third quarter of 1990 and \$25 per barrel during each of the next 3 quarters.

Potential increases in gas-fired generation are determined by examining data regarding the generation of electricity from 1980 through 1990. For each State, it is assumed that the maximum capability of electric utilities to use gas is represented by the maximum monthly gas-fired generation during this period (accounting for unit retirements). However, electric utilities in California have experienced gas curtailments during the past two winters so the maximum monthly generation for December through February in this State was limited to the maximum monthly generation for those 2 years.

For 1988 and 1989, the difference between the maximum monthly and actual gas-fired generation is assumed to represent the potential displacement of oil by gas. For the last half of 1990 and the first half of 1991, estimates of monthly oil- and gas-fired generation are available only at the national level. These totals are distributed among the States based on the patterns observed in 1989. The difference between the maximum monthly gas-fired generation during 1980 through 1990 and the expected gas-fired generation for 1990 and 1991 represents the estimated potential for switching from use of oil to that of natural gas during the next 12 months.

This methodology assumes that the current deliverability of gas to electric utilities could support the maximum historical gas-fired generation for each month. Since the capacity of gas pipelines limits total consumption of gas in some Federal regions, the resulting estimates could overstate the potential for switching fuels if electric utilities were unable to obtain additional sup-

plies of natural gas. For instance, a particularly cold winter could increase the quantity of gas required for home heating thus reducing available supplies for electric utilities. On the other hand, in the summer, consumption of gas by electric utilities is usually higher than in other seasons because demand for electricity reaches its peak (due to air conditioning and refrigeration) and more gas is available since the demand for gas by residential and commercial customers is lower. However, if an abnormally hot summer occurs, more gas would be demanded and less gas-fired generating capacity would be available to displace oil-fired capacity.

In 1988, electric utilities consumed an average of 680 thousand barrels of oil per day, an increase of almost 25 percent from 1987.³ Consumption of residual fuel oil (grades 4, 5, and 6) was about 628 thousand barrels per day. Had an oil supply disruption occurred in 1988, electric utility consumption of residual fuel oil could have been reduced by an estimated 126 thousand barrels per day (annual average) by increasing gas-fired generation (Table FE5). The potential displacement of oil ranges from an average of 82 thousand barrels per day in the second quarter to an average of 204 thousand barrels per day in the fourth quarter.

Estimated fuel switching from oil to natural gas is lower for 1989 than for 1988. Although electric utility use of oil increased by an average of 51 thousand barrels per day between 1988 and 1989, consumption of natural gas by electric utilities also increased during this period. As a consequence, any potential for displacement of oil-fired generation with gas-fired generation was limited. For 1989, switching from the use of oil to the use of natural gas could have lowered consumption of oil by electric utilities by an estimated 84 thousand barrels per day (annual average), ranging from an average of 54 thousand barrels per day in the second quarter to an average of 117 thousand barrels per day in the fourth quarter (Table FE6).

The estimated displacement of oil by natural gas in this methodology is higher than it was in earlier estimates by the Energy Information Administration, particularly during the winter months. In 1988 and 1989, electric utilities used more oil and less gas during the winter than in previous years, in part because the price of oil was more competitive with the price of gas. As a result, electric utilities had excess gas-fired generating capability available during the past two winters, and as a consequence had more potential for displacement of

¹A prior analysis of fuel-switching potential by electric utilities is contained in Energy Information Administration, *Estimates of Short-Term Petroleum Fuel Switching Capability* DOE/EIA-0526, (Washington, DC, May 1989) and Energy Information Administration, "Electric Power Monthly," DOE/EIA-0226(89/07), (Washington, DC, October 1989). In this analysis, estimates of fuel-switching capability in 1989 were based on projected consumption of residual fuel oil by electric utilities. Actual consumption of residual fuel oil by electric utilities in 1989 was higher than the projected consumption used in the earlier analysis.

²Estimates of fuel-switching from oil to natural gas during the next 12 months are based on two "excursions" from the *Short-Term Energy Outlook*, DOE/EIA-0702(90/2Q) (Washington, DC, April 1990).

³Energy Information Administration, *Monthly Energy Review*, DOE/EIA(90/01) (Washington, DC, April 1990), p. 79.

oil with gas (assuming available gas supplies were comparable to those in previous years).

Potential reductions in consumption of oil by electric utilities during the last half of 1990 and the first half of 1991 are estimated to be comparable to the potential for reduction in 1989. In the *low-oil-price* case, electric utilities are expected to consume an average of 576 thousand barrels per day during these 4 quarters and the maximum displacement of oil use by increasing gas-fired generation, on an average annual basis, is estimated to be 95 thousand barrels per day (Table FE7). In the *high-oil-price* case, oil use by electric utilities is expected to be 508 thousand barrels per day and the maximum displacement of oil use by increasing gas-fired generation is estimated to be 84 thousand barrels per day (Table FE8).

The ability of electric utilities to displace oil with natural gas varies depending upon the duration of a supply disruption. Potential savings in consumption of oil by electric utilities during a disruption of 3 months or less, which are based on estimates for the third quarter of 1990, are expected to be small (Table FE9). The potential savings would be much greater for a 6-month disruption during the third and fourth quarters of 1990. This is because utilities have greater flexibility to increase their consumption of gas in the fall, when demand for electricity is lower than during other seasons and the demands for natural gas by competitor industries are less. However, a longer disruption lasting up to a year would not result in greater savings (on an average daily basis) because additional strategies for displacing oil, such as building new power plants or converting existing oil-fired plants, would require several years to complete.

Table FE1. Net Generation of Electricity by Federal Region and Fuel Type, 1988
(Billion Kilowatthours)

Federal Region	Oil ¹	Coal	Gas	Nuclear	Hydroelectric/ ² Other ³	Total
New England	37.8	17.0	1.9	32.5	4.2	93.4
New York/New Jersey	44.9	29.9	18.3	48.1	23.7	164.9
Middle Atlantic	17.9	237.5	1.0	70.6	2.2	329.2
South Atlantic	27.0	377.8	18.2	137.7	18.1	578.9
Midwest	3.1	377.5	2.0	119.2	3.6	505.5
Southwest	1.2	199.7	148.5	26.5	6.2	382.1
Central	.4	107.7	2.2	25.6	3.6	139.5
North Central	.2	139.4	.7	.7	18.7	159.7
West	15.9	45.2	57.1	53.8	43.5	215.5
Northwest	.4	9.0	2.7	12.3	111.2	135.6
U.S. Total	148.9	1,540.7	252.8	527.0	234.9	2,704.3

¹ Includes petroleum coke.

² Station losses include energy used for pumped storage. Energy used for pumping in 1988 was 21,921 million kilowatthours.

³ Includes geothermal, solar, wood, waste, and wind.

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

Table FE2. Net Generation of Electricity by Federal Region and Fuel Type, 1989
(Billion Kilowatthours)

Federal Region	Oil ¹	Coal	Gas	Nuclear	Hydroelectric/ ² Other ³	Total
New England	37.0	17.2	5.2	33.1	4.8	97.4
New York/New Jersey	46.7	33.6	21.8	45.9	23.7	171.6
Middle Atlantic	21.9	240.8	3.1	56.1	4.0	325.9
South Atlantic	28.0	371.0	21.8	150.8	42.5	614.2
Midwest	3.1	381.7	1.8	130.6	4.1	521.3
Southwest	2.8	204.8	145.0	31.2	7.3	391.2
Central	.3	108.3	1.9	29.3	3.0	142.8
North Central	.2	137.4	.7	.5	19.2	158.1
West	17.8	47.7	58.6	40.4	48.5	213.0
Northwest	.5	9.3	4.9	11.4	119.3	145.4
U.S. Total	158.2	1,551.9	265.0	529.4	276.4	2,780.8

¹ Includes petroleum coke.

² Station losses include energy used for pumped storage. Energy used in 1989 for pumping was 23,935 million kilowatthours.

³ Includes geothermal, solar, wood, waste, and wind.

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

Table FE3. States Included in the U.S. Federal Regions

Number	Region	States
1	New England	Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island
2	New York/New Jersey	New York, New Jersey
3	Middle Atlantic	Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware
4	South Atlantic	Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida
5	Midwest	Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio
6	Southwest	Texas, New Mexico, Oklahoma, Arkansas, Louisiana
7	Central	Kansas, Missouri, Iowa, Nebraska
8	North Central	Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado
9	West	California, Nevada, Arizona, Hawaii
10	Northwest	Washington, Oregon, Idaho, Alaska

Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.

Table FE4. Electric Generating Summer Capability by Federal Region, as of December 31, 1989 (Gigawatts)

Federal Region	Steam			Coal	Natural Gas ¹	Combined Cycle and Oil/Gas Turbines	Nuclear	Hydro-electric and Other ³	Total
	Oil ¹	Gas/Oil	Coal/Oil						
New England	7.0	2.0	2.0	0.8	0.0	1.8	5.4	3.2	22.2
New York/New Jersey	8.0	9.2	.4	5.1	.0	8.0	8.6	5.5	44.8
Middle Atlantic	5.7	2.9	3.9	37.3	.0	4.2	13.8	5.7	73.5
South Atlantic	5.8	11.7	3.6	73.1	.6	10.4	26.9	14.8	146.9
Midwest	6.1	.8	7.5	73.8	.2	7.2	21.8	3.1	120.5
Southwest	.0	47.7	2.8	31.6	8.4	4.9	6.2	3.5	105.1
Central	.0	2.2	4.4	20.1	.4	5.4	4.0	1.4	37.9
North Central	.0	.5	2.4	19.0	*	.9	.0	6.4	29.2
West	1.2	23.2	3.0	4.5	.5	5.4	9.3	18.2	65.3
Northwest	.1	.0	.0	1.9	.0	2.4	2.2	32.6	39.2
U.S. Total	33.9	100.2	30.0	267.2	10.1	50.6	98.2	94.4	684.6

¹ Excludes units having dual-fired capability.

² Includes units that cannot burn alternative fuels continuously. It is estimated that two-thirds of the gas/oil generating capability can burn the alternative fuel continuously, whereas the coal/oil units currently capable of burning coal continuously are already doing so.

³ Other includes geothermal, wood, waste, and solar.

* Less than 0.05 gigawatts.

Note: Totals may not equal the sum of components because of independent rounding.

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

Table FE5. Estimated Displacement of Utility Oil Consumption by Natural Gas, 1988 (Thousand Barrels Per Day)

Federal Region	Quarter				Average Annual
	1	2	3	4	
New England	6	26	35	19	21
New York/New Jersey	36	30	28	74	42
Middle Atlantic	4	7	10	7	7
South Atlantic	19	9	12	48	22
Midwest	3	7	12	9	8
Southwest	9	0	2	2	4
Central	0	1	0	1	1
North Central	0	0	0	0	0
West	8	3	28	43	21
Northwest	0	0	0	0	0
U.S. Total	66	82	129	204	126

Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.

Table FE6. Estimated Displacement of Utility Oil Consumption by Natural Gas, 1989
(Thousand Barrels Per Day)

Federal Region	Quarter				Average Annual
	1	2	3	4	
New England	3	9	13	4	7
New York/New Jersey	49	14	24	41	32
Middle Atlantic	1	2	3	4	3
South Atlantic	15	11	4	22	13
Midwest	5	6	12	9	8
Southwest	14	0	0	9	6
Central	1	0	0	1	0
North Central	0	0	0	0	0
West	20	11	3	26	15
Northwest	0	0	0	0	0
U.S. Total	109	54	59	117	84

Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.

Table FE7. Estimated Displacement of Utility Oil Consumption: Low-Oil-Price Case, 1990-1991
(Thousand Barrels Per Day)

Federal Region	Quarter (1990)		Quarter (1991)		Average Annual
	3	4	1	2	
New England	14	10	4	12	10
New York/New Jersey	29	54	50	21	39
Middle Atlantic	4	7	2	4	4
South Atlantic	7	31	13	15	16
Midwest	12	10	4	5	8
Southwest	0	7	10	0	4
Central	0	0	0	0	0
North Central	0	0	0	0	0
West	3	29	12	8	13
Northwest	0	0	0	0	0
U.S. Total	69	148	95	66	95

Note: Estimated displacement of oil is based on an "excursion" from the *Short-Term Energy Outlook*, DOE/EIA-0202(2Q), (Washington, DC, April 1990). The price of imported crude oil, in nominal dollars, is assumed to be \$15 per barrel during the third quarter, \$16 per barrel during the fourth quarter, and \$17 per barrel during the first two quarters of 1991. Utility oil consumption, without the estimated displacement, is expected to be an average of 576 thousand barrels per day.

Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.

**Table FE8. Estimated Displacement of Utility Oil Consumption:
High-Oil-Price Case, 1990-1991**
(Thousand Barrels Per Day)

Federal Region	Quarter (1990)		Quarter (1991)		Average Annual
	3	4	1	2	
New England	12	9	3	11	9
New York/New Jersey	23	51	46	18	35
Middle Atlantic	3	6	1	4	4
South Atlantic	4	28	11	12	14
Midwest	10	9	4	5	7
Southwest	0	6	9	0	4
Central	0	0	0	0	0
North Central	0	0	0	0	0
West	2	28	11	8	12
Northwest	0	0	0	0	0
U.S. Total	55	136	86	58	84

Note: Estimated displacement of oil is based on an "excursion" from the *Short-Term Energy Outlook*, DOE/EIA-0202(2Q), (Washington, DC, April 1990). The price of imported crude oil, in nominal dollars, is assumed to be \$23 per barrel during the third quarter of 1990 and \$25 per barrel during each of the next 3 quarters. Utility oil consumption, without the estimated displacement, is expected to be an average of 508 thousand barrels per day.

Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.

**Table FE9. Potential Displacement of
Utility Oil Consumption
by Natural Gas, 1990-1991**
(Thousand Barrels Per Day)

Time Period ¹	Low-Oil-Price Case	High-Oil-Price Case
30 days	69	55
3 months	69	55
6 months	109	96
1 year	95	84

¹ Estimates for 30 days and 3 months are based on the third quarter of 1990. The 6-month estimates are the average of the third and fourth quarter results. The 1-year estimates are the average annual savings for the last half of 1990 and the first half of 1991.

Note: Results are based on 2 "excursions" from the *Short-Term Energy Outlook*, DOE/EIA-0202(90/2Q), (Washington, DC, April 1990).

Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.

The Month in Review

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

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

Generation. Hotter-than-normal June temperatures contributed to an increase in the demand for electricity; temperatures (measured by cooling degree days) in June were 17 percent warmer than in 1989 and 11 percent warmer than normal. Total U.S. net generation of electricity was 249 billion kilowatthours (Table 2), 6 percent above the amount reported during June 1989. Higher levels of generation were reported for all major energy sources for June 1990 compared with the corresponding period last year.

Electric utilities met the increased demand for electricity by relying primarily on fossil fuels and nuclear power to satisfy the needs of consumers. Net generation from gas-fired plants was at its highest monthly level thus far this year (28 billion kilowatthours), 15 percent above the level reported during June 1989. Monthly gas-fired generation accounted for 11.3 percent of total U.S. generation, third behind coal and nuclear. Generation from petroleum-fired plants was also at its highest monthly level during 1990, 13 billion kilowatthours, 6 percent above the corresponding period in 1989. Production from coal-fired plants was 132 billion kilowatthours of electricity, 3 percent above the amount reported during June of last year. Coal-fired generation provided 53.2 percent of total U.S. generation, slightly below the amount reported during June 1989.

Generation from nuclear units continued to show strong gains in output of electricity, producing 8 percent above the level reported during June 1989. For the ninth consecutive month, nuclear generation levels rose more than the monthly output for the previous year. Nuclear units in the three largest nuclear-producing Census divisions (South Atlantic, East North Central, and Middle Atlantic) generated a combined 30 billion kilowatthours, 66 percent of total nuclear-powered generation for the Nation (Table 11).

During June 1990, hydroelectric plants produced 28 billion kilowatthours of electricity, 7 percent more than the amount reported during the corresponding period in 1989 (Table 10). The Pacific Contiguous Census Division, the largest producer of hydroelectric power, generated 20 percent more electricity from hydroelectric units than during June 1989. The division produced 59 percent of the total hydroelectric generation for the Nation. Sixty-nine percent of the total electricity generation in this Census division came from hydroelectric power.

Sales. During June 1990, sales of electricity to ultimate consumers in the United States were 225 billion kilowatthours (Table 2), 2 percent higher than the level reported during June 1989. All end-use sectors had higher levels of sales during June 1990 compared with the levels at this time last year.

Sales of electricity during June 1990 in the residential sector were 73 billion kilowatthours, 3 percent higher than in June 1989. Residential sales were highest in the South Atlantic Census Division, which represented 24 percent of total sales in this sector, at 17 billion kilowatthours (Table 33). In the commercial sector, sales were 64 billion kilowatthours, 3 percent more than a year ago. At the Census division level, commercial sales were highest in the South Atlantic division at 13 billion kilowatthours, 3 percent higher than during June 1989. Industrial sales reached 80 billion kilowatthours of electricity, 2 percent more than a year ago. The highest industrial sales for June 1990 occurred in the East North Central division at 17 billion kilowatthours, 9 percent more than the level reported for the same month last year.

Revenue per Kilowatthour. The average revenue per kilowatthour of electricity sold to ultimate consumers in the United States during June 1990 was 6.7 cents (Table 2), 2 percent more than during June 1989 and a 4-percent increase from May 1990. Average revenue per kilowatthour of electricity sold in the residential sector (8.1 cents) was 1 percent higher than the June 1989 level. In the commercial sector, average revenue per kilowatthour was 7.5 cents, 2 percent more than the same month last year. Average revenue per kilowatthour in the industrial sector was 4.9 cents, slightly higher than in June 1989.

During June 1990, average revenue per kilowatthour of electricity sold in the residential sector was the highest at 10.6 cents in the Middle Atlantic Census Division (Table 37), followed by the New England and Pacific Noncontiguous divisions at 10.0 cents, each. In the commercial sector, the highest average revenue per kilowatthour (9.7 cents) was reported by both the Middle Atlantic and the Pacific Noncontiguous Census Divisions. The highest average revenue per kilowatthour in the industrial sector occurred in the New England division at 7.6 cents, an increase of 9 percent compared with May 1990. The West South Central division reported the lowest average revenue per kilowatthour of electricity sold in both the commercial (6.2 cents) and the industrial (4.0 cents) sectors. This was a 4-percent decrease from May 1990 for the division in both sectors. In the residential sector, the East South Central Census Division had the lowest average revenue per kilowatthour at 6.4 cents, which constituted a 2-percent increase from the previous month.

May 1990 -- Fuel Receipts/Costs

Coal. During May 1990, electric utilities received a total of 65 million short tons of coal, an increase of 1 million short tons from April 1990 and virtually no change from May 1989 (Table 2). For the first 5 months of 1990, receipts of coal were 326 million short tons, 17 million short tons more than during the first 5 months of 1989. The increase in receipts of coal combined with a decrease in its consumption at electric

utilities (because of moderate weather) has resulted in a significant increase in coal stockpiles. Stocks as of the end of the first 5 months of 1990 were 163 million short tons compared with 151 million short tons for the corresponding period in 1989 (Table 17).

Receipts of coal under contract totaled 54 million short tons (Table 23), an increase of 1 million short tons from April 1990. Receipts of coal purchased in the spot market were 11 million short tons (unchanged from those in April 1990).

The average cost of coal delivered to electric utilities in May 1990 was \$30.99 per short ton (Table 24), an increase of \$0.05 from April 1990 and \$0.47 more than the average delivered cost reported in May 1989. This is the highest average delivered cost for coal since that reported for May 1988. The average cost of coal delivered under contract was \$31.27 per short ton, an increase of \$0.11 per short ton from April 1990. Coal purchased in the spot market and delivered in May 1990 averaged \$29.60 per short ton, a decrease of \$0.29 per short ton from April 1990.

Petroleum. Electric utilities received 16 million barrels of petroleum in May 1990, an increase of 2 million barrels from April 1990 but 6 million barrels less than during May 1989 (Table 2). Stocks of petroleum as of

the end of April 1990 were 70 million barrels compared with 61 million barrels at the end of April 1989 (Table 17), which may have contributed to lower receipts of petroleum during May 1990 versus May 1989.

The average cost of petroleum delivered to electric utilities in May 1990 was \$15.81 per barrel, a decrease of \$0.63 per barrel from April 1990 and \$3.69 per barrel less than in May 1989. Through May 1990, the cost of petroleum delivered to electric utilities continued to decrease from a high of \$25.56 in January 1990. A weather-related surge in demand for fuel oil during December 1989 and January 1990 resulted in high fuel oil prices. A decline in the price of fuel oil delivered to electric utilities occurred since January 1990, as supply and demand for petroleum products returned to more normal levels.

Gas. Electric utilities in May 1990 received a total of 220 billion cubic feet of gas, an increase of 39 billion cubic feet from April 1990 and 7 billion cubic feet less than in May 1989 (Table 2). Seasonal use of gas by electric utilities, with the highest volume typically being reported during the summer months, contributed to increased receipts of gas in May versus April 1990. The average price of gas delivered to electric utilities in May 1990 was \$2.18 per thousand cubic feet (Table 31), a decrease of \$0.11 per thousand cubic feet from April 1990 and down by \$0.20 from May 1989.

**Table 1. Newly Added Units by Company, Plant, and State,
January 1990 Through June 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	^a 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
Total Capability of Newly Added Units	-	-	-	3,543.4	-	-
Total Capability of Retired Units	-	-	-	82.6	-	-
U.S. Total Capability	-	-	-	687,479.5	-	-

¹ Net summer capability is estimated.

^a Newly received data.

Notes: •These newly added units represent only those units that became operable in January through June 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	June 1990 ¹	May 1990 ¹	June 1989 ¹	Year-to-Date		
				1990 ¹	1989 ¹	Percent Difference
Net Generation (Million kWh)²						
Coal	132,459	119,644	128,454	740,566	751,550	-1.5
Petroleum ³	13,348	9,351	12,591	63,909	83,848	-23.8
Gas	28,238	22,752	24,546	113,359	120,946	-6.3
Hydroelectric Power ⁴	27,634	27,002	25,881	155,675	140,200	11.0
Nuclear Power	46,332	42,945	42,976	278,963	239,499	16.5
Other Sources ⁵	882	868	945	5,264	5,608	-6.1
Total	248,895	222,563	235,394	1,357,735	1,341,650	1.2
Consumption						
Coal (1,000 short tons)	65,167	59,042	63,623	366,548	369,050	-7
Petroleum (1,000 barrels) ⁶	22,156	15,720	21,322	107,043	139,793	-23.4
Gas (1,000 Mcf)	295,305	239,415	258,343	1,188,891	1,266,191	-6.1
Stocks (end-of-month)						
Coal (1,000 short tons)	162,745	163,233	148,968	-	-	-
Petroleum (1,000 barrels) ⁷	68,444	70,608	66,544	-	-	-
Sales (Million kWh)⁸						
Residential	73,496	62,715	71,470	442,449	438,315	.9
Commercial	64,073	58,541	62,476	355,075	348,625	1.9
Industrial	79,950	78,509	78,376	460,246	444,297	3.6
Other ⁹	7,861	7,697	7,733	45,923	44,205	3.9
Total	225,379	207,462	220,054	1,303,693	1,275,441	2.2
Average Revenue per Kilowatthour (Cents)¹⁰						
Residential	8.13	7.98	8.03	7.64	7.45	2.6
Commercial	7.51	7.31	7.39	7.22	7.07	2.1
Industrial	4.85	4.63	4.83	4.65	4.64	.2
Other ⁹	6.19	6.22	5.68	6.10	6.33	-3.6
Total	6.72	6.46	6.59	6.42	6.32	1.6
	May 1990 ¹¹	April 1990 ¹¹	May 1989 ¹¹	Year-to-Date		
				1990 ¹¹	1989 ¹¹	Percent Difference
Receipts¹²						
Coal (1,000 short tons)	64,958	63,888	64,796	326,281	309,167	5.5
Petroleum (1,000 barrels) ¹³	15,551	13,978	21,211	92,127	112,395	-18.0
Gas (1,000 Mcf) ¹⁴	220,164	180,912	226,859	807,147	890,449	-9.4
Cost (cents/million Btu)¹⁵						
Coal	147.5	147.1	145.3	146.3	144.2	1.5
Petroleum ¹⁶	250.8	260.5	310.1	326.6	282.0	15.8
Gas ¹⁴	212.4	221.9	232.0	239.1	233.4	2.4

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 are 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 June 1990 for pumping was 1,962 million kilowatthours.

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

⁶ The June 1990 petroleum coke consumption was 66,396 short tons.

⁷ The June 1990 petroleum coke stocks were 110,351 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 May 1990 petroleum coke receipts were 65,600 short tons.

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

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

¹⁶ May 1990 petroleum coke cost was 77.8 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 and 1990 are preliminary.
 Source: Energy Information Administration, Form EIA-826, "Monthly Electric Utilities 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 June 1990. Data for 1988 are revised; data for 1989 and 1990 are preliminary.
Source: Energy Information Administration, Form EIA-826, 'Monthly Electric Utilities 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 June 1990. Data for 1988 are revised; data for 1989 and 1990 are preliminary.
Source: Energy Information Administration, Form EIA-826, 'Monthly Electric Utilities 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
Year to Date							
1990⁵	1,357,735	54.5	4.7	8.3	11.5	20.5	.4
1989⁴	1,341,650	56.0	6.2	9.0	10.4	17.9	.4

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

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

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

⁴ Data for 1989 are revised.

⁵ Data for 1990 are preliminary.

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

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

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

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

Year and Month	Total Generation	Coal ¹	Petroleum ²	Gas	Hydroelectric ³	Nuclear	Other ⁴
1980	2,286,439	1,161,562	245,994	346,240	276,021	251,116	5,506
1981	2,294,812	1,203,203	206,421	345,777	260,684	272,674	6,054
1982	2,241,211	1,192,004	146,797	305,260	309,213	242,773	5,164
1983	2,310,285	1,258,424	144,499	274,098	332,130	293,677	6,456
1984	2,416,304	1,341,681	119,808	297,394	321,150	327,634	8,638
1985	2,469,841	1,402,128	100,202	291,946	281,149	383,691	10,724
1986	2,487,310	1,385,831	136,585	243,508	290,844	414,038	11,503
1987	2,572,127	1,463,781	118,493	272,621	249,695	455,270	12,267
1988	2,704,250	1,540,653	148,900	252,801	222,940	526,973	11,984
1989 ⁵							
January	232,396	134,968	15,333	13,876	20,930	46,328	961
February	219,711	127,194	17,748	16,550	18,620	38,725	874
March	226,580	126,706	16,668	19,928	22,642	39,636	1,000
April	207,749	115,271	11,569	22,451	24,077	33,495	886
May	219,820	118,956	9,940	23,595	28,049	38,339	942
June	235,394	128,454	12,591	24,546	25,881	42,976	945
July	256,737	138,467	12,081	30,211	22,670	52,331	977
August	258,336	141,710	10,983	29,546	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
Year to Date							
1990 ⁶	1,357,735	740,566	63,909	113,359	155,675	278,963	5,264
1989 ⁵	1,341,650	751,550	83,848	120,946	140,200	239,499	5,608

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 June 1990 was 1,962 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	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
ECAR	40,416	38,105	38,725	238,580	233,997	2.0
ERCOT	19,881	16,214	16,897	88,010	88,183	-2.0
MAAC	15,894	14,850	16,483	94,043	93,121	1.0
MAIN	17,375	15,699	16,440	97,422	96,315	1.1
MAPP (U.S.)	11,308	10,477	10,671	67,230	64,904	3.6
NPCC (U.S.)	18,854	17,230	19,260	113,669	112,970	.6
SERC	55,463	48,372	53,546	236,307	283,647	.9
SPP	25,843	20,543	21,591	120,937	118,264	2.3
WSCC (U.S.)	42,894	40,064	40,820	245,395	244,188	.5
Contiguous U.S.	247,929	221,555	234,434	1,351,593	1,335,590	1.2
Alaska	314	331	308	2,250	2,213	1.7
Hawaii	652	677	652	3,891	3,848	1.1
Total	248,895	222,563	235,394	1,357,735	1,341,650	1.2

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

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

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

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	7,309	7,034	7,677	46,838	47,435	-1.3
Connecticut	2,555	2,262	2,339	16,320	16,686	-2.2
Maine	455	586	900	4,515	5,984	-24.5
Massachusetts	3,246	3,079	3,325	19,355	18,626	3.9
New Hampshire	581	526	602	3,583	3,883	-7.7
Rhode Island	48	53	35	260	230	12.9
Vermont	424	528	476	2,805	2,025	38.5
Middle Atlantic	27,100	25,284	26,982	163,847	153,892	6.5
New Jersey	2,919	1,618	3,531	16,021	19,873	-19.4
New York	10,945	9,630	11,078	63,254	62,636	1.0
Pennsylvania	13,236	14,036	12,373	84,572	71,383	18.5
East North Central	41,212	38,527	39,709	239,761	234,111	2.4
Illinois	11,051	10,045	10,488	60,947	61,231	-0.5
Indiana	7,805	7,834	7,315	48,275	41,814	15.5
Michigan	7,983	7,374	7,476	47,288	43,658	8.3
Ohio	10,609	9,767	10,879	61,457	66,075	-7.0
Wisconsin	3,763	3,508	3,551	21,794	21,332	2.2
West North Central	18,676	16,269	17,204	104,083	102,075	2.0
Iowa	2,396	2,035	2,169	14,314	14,271	.3
Kansas	3,231	2,257	2,798	15,411	16,409	-6.1
Minnesota	3,178	3,248	2,969	19,365	18,558	4.3
Missouri	5,313	4,702	4,753	28,396	27,908	1.8
Nebraska	1,987	1,499	1,735	10,205	9,151	11.5
North Dakota	1,989	1,909	2,059	13,401	12,347	8.5
South Dakota	582	618	721	2,992	3,431	-12.8
South Atlantic	48,930	43,151	47,941	253,056	261,566	-3.3
Delaware	694	509	719	3,448	3,979	-13.3
District of Columbia	63	4	110	117	244	-52.1
Florida	12,427	10,620	11,711	57,059	57,478	-0.7
Georgia	8,846	7,987	8,494	45,432	44,179	2.8
Maryland	2,735	2,401	3,263	14,682	19,289	-23.9
North Carolina	7,646	6,204	8,097	37,987	43,611	-12.9
South Carolina	5,730	5,598	5,713	33,715	31,447	7.2
Virginia	4,254	3,520	3,309	23,485	19,012	23.5
West Virginia	6,534	6,308	6,443	37,130	42,327	-12.3
East South Central	22,412	19,125	21,098	119,328	115,160	3.6
Alabama	7,017	6,192	6,874	37,024	37,153	-0.3
Kentucky	6,760	5,602	5,881	35,914	33,987	5.7
Mississippi	2,567	1,937	2,309	10,869	8,930	21.7
Tennessee	6,069	5,394	6,034	35,521	35,090	1.2
West South Central	38,734	31,466	32,582	175,308	173,456	1.1
Arkansas	3,800	3,137	2,841	17,209	15,654	9.9
Louisiana	6,018	4,676	4,933	26,189	25,023	4.7
Oklahoma	4,565	3,549	3,780	21,959	21,399	2.6
Texas	24,352	20,104	21,028	109,951	111,380	-1.3
Mountain	19,989	18,896	19,245	116,012	112,455	3.2
Arizona	5,288	4,409	4,199	26,821	25,994	3.2
Colorado	2,782	2,359	2,635	15,488	15,328	1.0
Idaho	1,032	951	948	4,484	4,605	-2.6
Montana	2,008	1,763	1,805	12,738	11,514	10.6
Nevada	1,400	1,195	1,863	8,301	9,739	-14.8
New Mexico	2,509	2,649	2,691	14,148	13,573	4.2
Utah	2,597	2,624	2,539	15,765	14,287	10.3
Wyoming	2,372	2,945	2,565	18,267	17,415	4.9
Pacific Contiguous	23,567	21,803	21,996	133,362	135,440	-1.5
California	9,585	9,162	11,145	53,894	63,387	-15.0
Oregon	4,234	3,979	3,696	25,095	25,889	-3.1
Washington	9,748	8,662	7,155	54,373	46,164	17.8
Pacific Noncontiguous	966	1,008	960	6,142	6,061	1.3
Alaska	314	331	308	2,250	2,213	1.7
Hawaii	652	677	652	3,891	3,848	1.1
Total	248,895	222,563	235,394	1,357,735	1,341,650	1.2

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

Notes: •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

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

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date				
				Coal Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	884	995	1,543	7,471	6,307	-10.1	18.0	17.5
Connecticut	191	219	227	1,221	847	44.1	7.5	5.1
Maine	-	-	-	-	-	-	-	-
Massachusetts	634	702	1,058	5,107	6,004	-14.9	26.4	32.2
New Hampshire	60	74	258	1,143	1,455	-21.4	31.9	37.5
Rhode Island	-	-	-	-	-	NM	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	10,928	9,984	10,742	67,030	67,560	-0.8	40.9	43.9
New Jersey	702	289	615	3,422	4,310	-20.6	21.4	21.7
New York	1,968	1,961	2,047	12,287	12,390	-0.8	19.4	19.8
Pennsylvania	8,258	7,735	8,080	51,321	50,860	.9	60.7	71.2
East North Central	30,158	28,262	28,875	178,056	173,284	2.8	74.3	74.0
Illinois	4,660	4,333	3,413	27,038	23,015	17.5	44.4	37.6
Indiana	7,687	7,685	7,235	47,478	41,340	14.8	98.3	98.9
Michigan	5,667	5,065	5,691	32,234	32,956	-2.2	68.2	75.5
Ohio	9,691	8,820	10,178	55,791	60,840	-8.3	90.8	92.1
Wisconsin	2,453	2,358	2,359	15,515	15,133	2.5	71.2	70.6
West North Central	13,272	11,696	12,519	78,297	76,967	1.7	75.2	75.4
Iowa	2,014	1,632	1,757	11,841	12,121	-2.3	82.7	84.9
Kansas	2,060	1,758	1,791	11,726	11,124	5.4	76.1	67.8
Minnesota	1,887	1,888	1,908	12,594	12,046	4.6	65.0	64.9
Missouri	4,201	3,548	3,913	21,829	23,790	-8.2	76.9	85.2
Nebraska	1,071	933	1,087	6,748	5,409	24.8	66.1	59.1
North Dakota	1,818	1,743	1,864	12,432	11,351	9.5	92.8	91.9
South Dakota	220	195	199	1,128	1,126	.2	37.7	32.8
South Atlantic	29,143	26,127	29,178	148,510	165,344	-10.2	58.7	63.2
Delaware	432	324	416	2,240	2,389	-6.2	65.0	60.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,204	5,130	5,427	28,282	28,181	.4	49.6	49.0
Georgia	6,422	5,511	5,568	30,323	30,993	-2.2	66.7	70.2
Maryland	2,128	1,971	2,181	11,474	11,791	-2.7	78.1	61.1
North Carolina	4,464	3,541	4,740	20,153	25,153	-19.9	53.1	57.7
South Carolina	2,301	2,142	2,454	10,737	12,106	-11.3	31.8	38.5
Virginia	1,720	1,273	2,014	8,590	12,815	-33.0	36.6	67.4
West Virginia	6,472	6,235	6,377	36,711	41,916	-12.4	98.9	99.0
East South Central	16,938	14,325	14,472	84,350	83,530	1.0	70.7	72.5
Alabama	5,339	4,373	4,561	23,080	24,696	-6.5	62.3	66.5
Kentucky	6,494	5,345	5,495	34,222	31,847	7.5	95.3	93.7
Mississippi	1,103	886	1,035	4,155	3,729	11.4	38.2	41.8
Tennessee	4,002	3,720	3,381	22,893	23,258	-1.6	64.4	66.3
West South Central	16,498	13,637	15,801	83,910	85,657	-2.0	47.9	49.4
Arkansas	1,865	1,415	1,470	7,834	8,077	-3.0	45.5	51.6
Louisiana	1,388	1,106	1,764	7,706	9,266	-16.8	29.4	37.0
Oklahoma	2,275	1,724	2,013	11,795	11,315	4.2	53.7	52.9
Texas	10,970	9,392	10,554	56,575	57,000	-0.7	51.5	51.2
Mountain	14,500	14,206	15,049	89,834	87,049	3.2	77.4	77.4
Arizona	3,191	2,519	2,938	15,371	14,987	2.6	57.3	57.7
Colorado	2,540	2,225	2,296	14,637	13,959	4.9	94.5	91.1
Idaho	-	-	-	-	-	-	-	-
Montana	864	909	969	7,283	7,264	.3	57.2	63.1
Nevada	929	768	1,473	6,406	7,705	-16.9	77.2	79.1
New Mexico	2,156	2,358	2,444	12,802	12,235	4.6	90.5	90.1
Utah	2,520	2,551	2,454	15,381	13,839	11.1	97.6	96.9
Wyoming	2,300	2,877	2,475	17,954	17,062	5.2	98.3	98.0
Pacific Contiguous	114	394	248	2,949	3,700	-20.3	2.2	2.7
California	-	-	-	-	-	-	-	-
Oregon	-	-	-	-12	440	NM	-	1.7
Washington	114	394	248	2,960	3,260	-9.2	5.4	7.1
Pacific Noncontiguous	25	18	27	160	151	5.6	2.6	2.5
Alaska	25	18	27	160	151	5.6	7.1	6.8
Hawaii	-	-	-	-	-	-	-	-
Total	132,450	119,644	128,454	740,586	751,550	-1.5	54.5	58.0

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

- = For detailed data, the absolute value of the number is less than 0.5. For percentage calculations, the absolute value of the number 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	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date				
				Petroleum Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	3,214	2,516	2,532	18,379	19,908	-7.7	39.2	42.0
Connecticut	1,055	796	749	5,718	6,514	-12.2	35.0	39.0
Maine	283	350	92	1,545	1,573	-1.8	34.2	26.3
Massachusetts	1,595	1,057	1,449	9,465	9,850	-3.9	48.9	52.9
New Hampshire	265	311	228	1,515	1,776	-14.7	42.3	45.8
Rhode Island	16	2	13	136	184	-26.0	52.2	79.7
Vermont	.	.	1	1	10	-92.0	.	.5
Middle Atlantic	3,937	2,421	4,328	21,905	29,046	-24.6	13.4	18.9
New Jersey	247	83	420	929	3,035	-69.4	5.8	15.3
New York	3,179	2,197	3,130	19,038	21,468	-11.3	30.1	34.3
Pennsylvania	512	142	778	1,937	4,543	-57.4	2.3	6.4
East North Central	2,24	142	190	912	916	-.3	.4	.4
Illinois	77	18	25	186	88	112.1	.3	.1
Indiana	61	57	32	314	97	225.5	.7	.2
Michigan	66	34	91	255	498	-48.7	.5	1.1
Ohio	25	27	37	137	203	-32.4	.2	.3
Wisconsin	5	5	5	19	30	-36.3	.1	.1
West North Central	66	12	49	214	392	-45.4	.2	.4
Iowa	9	-20	3	18	18	NM	.	.1
Kansas	9	4	5	30	37	-19.7	.2	.2
Minnesota	38	51	28	167	221	-24.4	.9	1.2
Missouri	6	-27	7	2	45	-96.4	.	.2
Nebraska	2	1	1	4	43	-90.5	.	.5
North Dakota	3	2	4	9	22	-57.9	.1	.2
South Dakota	.	1	1	2	6	-61.3	.1	.2
South Atlantic	4,706	2,857	4,680	14,173	21,153	-33.0	5.6	8.1
Delaware	184	144	243	905	1,291	-29.9	26.2	32.4
District of Columbia	63	4	110	117	244	-52.1	100.0	100.0
Florida	3,893	2,455	3,035	10,952	13,677	-19.9	19.2	23.8
Georgia	30	12	15	65	54	19.5	.1	.1
Maryland	391	161	644	1,687	2,790	-39.6	11.5	14.5
North Carolina	15	14	26	90	129	-30.1	.2	.3
South Carolina	4	9	18	27	54	-49.4	.1	.2
Virginia	95	35	569	191	2,782	-93.1	.8	14.6
West Virginia	31	22	21	139	132	5.4	.4	.3
East South Central	370	-3	64	539	721	-25.2	.5	.6
Alabama	3	7	7	40	52	-22.8	.1	.1
Kentucky	8	-31	9	10	61	-83.6	.	.2
Mississippi	340	13	35	434	542	-20.0	4.0	6.1
Tennessee	19	7	14	56	66	-15.3	.2	.2
West South Central	27	38	26	256	1,556	-83.5	.1	.9
Arkansas	7	9	5	37	82	-55.7	.2	.5
Louisiana	8	12	3	34	80	-58.2	.1	.3
Oklahoma	1	2	2	17	12	41.9	.1	.1
Texas	11	15	17	169	1,381	-87.8	.2	1.2
Mountain	55	36	47	286	455	-37.1	.2	.4
Arizona	10	13	6	63	90	-29.9	.2	.3
Colorado	3	2	7	16	14	12.0	.1	.1
Idaho	.	.	.	.	1	NM	.	.
Montana	2	5	5	12	17	-25.4	.1	.1
Nevada	26	5	17	132	255	-43.3	1.6	2.6
New Mexico	3	2	3	15	22	-31.1	.1	.2
Utah	5	3	4	22	27	-17.8	.1	.2
Wyoming	6	7	6	25	29	-10.7	.1	.2
Pacific Contiguous	67	633	10	3,181	5,682	-44.0	2.4	4.2
California	65	632	9	3,174	5,567	-43.0	5.9	8.8
Oregon	.	.	.	.	35	NM	.	.1
Washington	1	2	1	7	80	-91.3	.	.2
Pacific Noncontiguous	672	698	665	4,063	4,019	1.1	66.2	66.3
Alaska	22	25	18	188	197	-4.6	8.4	8.9
Hawaii	650	674	647	3,875	3,822	1.4	99.6	99.3
Total	13,348	9,351	12,591	63,909	83,848	-23.8	4.7	6.2

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

. = For detailed data, the absolute value of the number is less than 0.5. For percentage calculations, the absolute value of the number 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. Gas-Fired Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date				
				Gas Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	510	837	821	2,122	1,995	6.3	4.5	4.2
Connecticut	7	15	20	22	156	-88.1	.1	.9
Maine	-	-	-	-	-	-	-	-
Massachusetts	466	768	579	1,960	1,793	9.3	10.1	9.6
New Hampshire	-	-	-	-	1	-	-	-
Rhode Island	32	50	22	124	47	165.5	47.8	20.3
Vermont	5	5	-	16	-	-	.8	-
Middle Atlantic	2,299	1,928	2,904	9,148	10,936	-18.3	5.6	7.1
New Jersey	314	124	786	918	2,450	-62.6	5.7	12.3
New York	1,969	1,790	2,090	8,151	8,310	-1.9	12.9	13.3
Pennsylvania	16	12	28	79	175	-54.7	.1	.2
East North Central	209	183	153	983	765	28.5	.4	.3
Illinois	93	57	83	298	261	14.3	.5	.4
Indiana	23	58	13	262	191	37.7	.5	.5
Michigan	65	45	35	314	229	37.1	.7	.5
Ohio	6	4	11	23	19	17.3	-	-
Wisconsin	22	20	11	86	66	31.1	.4	.3
West North Central	462	266	247	1,185	832	42.4	1.1	.8
Iowa	33	22	12	90	75	19.9	.6	.5
Kansas	347	177	190	807	511	58.0	5.2	3.1
Minnesota	33	32	24	143	116	23.6	.7	.6
Missouri	29	5	12	46	34	37.6	.2	.1
Nebraska	18	30	10	97	90	4.1	1.0	1.0
North Dakota	-	-	-	-	-	NM	-	-
South Dakota	1	-	-	1	3	-71.6	-	.1
South Atlantic	1,669	1,737	2,182	9,043	9,953	-9.1	3.6	3.8
Delaware	79	40	60	304	299	1.6	8.8	7.5
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,345	1,645	1,699	8,291	8,408	-1.4	14.5	14.6
Georgia	14	6	14	26	30	-11.7	.1	.1
Maryland	87	31	201	234	810	-71.1	1.6	4.2
North Carolina	29	10	23	56	38	47.1	.1	.1
South Carolina	39	2	58	43	77	-43.6	.1	.2
Virginia	74	2	126	78	283	-72.6	.3	1.5
West Virginia	1	1	1	11	8	41.9	-	-
East South Central	383	332	482	1,559	1,753	-11.0	1.3	1.5
Alabama	52	38	29	177	103	71.6	.5	.3
Kentucky	2	1	4	15	16	-5.0	-	-
Mississippi	321	294	449	1,359	1,634	-16.9	12.5	18.3
Tennessee	8	-	-	9	-	NM	-	-
West South Central	17,514	13,391	12,535	64,959	67,198	-3.3	37.1	38.7
Arkansas	400	229	204	867	1,192	-27.2	5.0	7.6
Louisiana	3,210	2,080	2,340	10,724	9,875	8.6	41.0	39.5
Oklahoma	1,838	1,364	1,429	7,899	8,668	-8.9	36.0	40.5
Texas	12,065	9,718	8,562	45,468	47,463	-4.2	41.4	42.6
Mountain	1,001	783	856	3,061	4,384	-11.9	3.3	3.9
Arizona	383	245	441	1,408	1,948	-27.7	5.3	7.5
Colorado	39	38	22	188	405	-53.6	1.2	2.6
Idaho	-	-	-	-	-	-	-	-
Montana	4	2	3	17	22	-20.1	.1	.2
Nevada	247	226	170	1,001	798	25.4	12.1	8.2
New Mexico	324	265	219	1,215	1,180	3.0	8.6	8.7
Utah	4	6	-	28	28	.2	.2	.2
Wyoming	1	1	1	3	4	-13.5	-	-
Pacific Contiguous	4,000	3,078	4,369	19,088	21,704	-12.1	14.3	16.0
California	4,000	3,077	4,145	18,891	20,762	-9.0	35.1	32.8
Oregon	-	-	212	195	425	-54.2	.8	1.6
Washington	-	1	12	2	517	-99.6	-	1.1
Pacific Noncontiguous	192	218	199	1,411	1,426	-1.1	23.0	23.5
Alaska	192	218	199	1,411	1,426	-1.1	62.7	64.4
Hawaii	-	-	-	-	-	-	-	-
Total	28,238	22,752	24,546	113,359	120,946	-6.3	8.3	9.0

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

- For detailed data, the absolute value of the number is less than 0.5. For percentage calculations, the absolute value of the number 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 10. Hydroelectric Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date				
				Hydroelectric Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	416	625	505	2,972	2,447	21.4	6.3	5.2
Connecticut	34	63	45	282	228	23.6	1.7	1.4
Maine	171	236	189	1,052	916	14.8	23.3	15.3
Massachusetts	19	54	44	205	139	47.5	1.1	.7
New Hampshire	108	139	116	775	651	19.1	21.6	16.8
Rhode Island	-	-	-	-	-	-	-	-
Vermont	84	133	111	658	513	28.2	23.5	25.4
Middle Atlantic	2,173	2,547	2,340	14,270	12,653	12.8	8.7	8.2
New Jersey	-13	-8	-30	-70	-128	NM	-4	-6
New York	2,085	2,356	2,160	13,281	11,799	12.6	21.0	18.8
Pennsylvania	101	200	210	1,058	982	7.8	1.3	1.4
East North Central	360	384	302	1,656	1,691	-2.0	.7	.7
Illinois	5	6	5	32	24	32.9	.1	.1
Indiana	34	33	35	220	187	17.7	.5	.4
Michigan	112	108	95	489	530	-7.8	1.0	1.2
Ohio	18	16	6	91	63	45.3	.1	.1
Wisconsin	191	221	161	825	887	-7.0	3.8	4.2
West North Central	1,169	1,271	1,092	5,821	5,406	7.7	5.6	5.3
Iowa	72	89	74	396	430	-7.7	2.8	3.0
Kansas	1	1	1	6	4	67.4	.1	.1
Minnesota	84	86	81	361	403	-10.4	1.9	2.2
Missouri	372	392	102	1,671	738	126.6	5.9	2.6
Nebraska	111	116	122	566	563	.6	5.5	6.2
North Dakota	168	164	192	960	974	-1.5	7.2	7.9
South Dakota	361	423	521	1,861	2,296	-18.9	62.2	66.9
South Atlantic	992	1,487	1,373	11,544	7,158	61.3	4.6	2.7
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	19	23	18	119	100	18.8	.2	.2
Georgia	246	394	327	3,361	1,521	120.9	7.4	3.4
Maryland	136	245	245	1,269	1,136	11.7	8.6	5.9
North Carolina	432	578	624	4,255	3,104	37.1	11.2	7.1
South Carolina	92	196	91	1,841	862	113.4	5.5	2.7
Virginia	36	2	24	430	163	164.1	1.8	.9
West Virginia	31	49	44	269	272	-9	.7	.6
East South Central	1,417	1,989	2,570	14,065	13,842	1.6	11.8	12.0
Alabama	509	863	1,152	7,128	6,607	7.9	19.3	17.8
Kentucky	255	287	374	1,667	2,063	-19.2	4.6	6.1
Mississippi	-	-	-	-	-	-	-	-
Tennessee	652	839	1,045	5,270	5,172	1.9	14.8	14.7
West South Central	1,162	1,108	860	5,625	4,363	28.9	3.2	2.5
Arkansas	490	339	280	2,254	2,111	6.8	13.1	13.5
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	451	458	337	2,247	1,405	60.0	10.2	6.6
Texas	222	311	244	1,123	847	32.7	1.0	.8
Mountain	3,514	2,921	3,135	16,008	15,293	4.7	13.8	13.6
Arizona	803	703	813	4,073	4,082	-2	15.2	15.7
Colorado	200	94	172	647	694	-6.8	4.2	4.5
Idaho	1,032	951	948	4,484	4,604	-2.6	100.0	100.0
Montana	1,135	842	827	5,394	4,178	29.1	42.3	36.3
Nevada	198	196	204	762	981	-22.3	9.2	10.1
New Mexico	26	23	25	115	136	-15.1	.8	1.0
Utah	54	50	63	248	297	-16.5	1.6	2.1
Wyoming	65	61	83	285	321	-11.4	1.6	1.8
Pacific Contiguous	16,352	14,597	13,639	83,212	76,896	8.2	62.4	56.8
California	2,468	2,354	3,281	11,682	14,532	-19.6	21.7	22.9
Oregon	4,243	3,982	3,488	22,894	22,470	1.9	91.2	86.8
Washington	9,642	8,261	6,870	48,635	39,894	21.9	89.4	86.4
Pacific Noncontiguous	78	72	66	502	451	11.4	8.2	7.4
Alaska	76	70	64	491	439	12.0	21.8	19.8
Hawaii	2	2	2	11	12	-9.6	.3	.3
Total	27,634	27,002	25,881	155,675	140,200	11.0	11.5	10.4

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* = For detailed data, the absolute value of the number is less than 0.5. For percentage calculations, the absolute value of the number 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 June 1990 for pumping was 1,962 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.

Table 11. Nuclear Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date				
				Nuclear Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	2,240	2,010	2,429	15,624	14,580	7.2	33.4	30.7
Connecticut	1,229	1,130	1,261	8,864	8,835	.3	54.3	52.9
Maine	1	-	620	1,919	3,495	-45.1	42.5	58.4
Massachusetts	532	499	197	2,619	840	211.7	13.5	4.5
New Hampshire	148	2	-	150	-	-	4.2	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	330	379	352	2,073	1,410	47.0	73.9	69.7
Middle Atlantic	7,763	8,405	6,668	51,494	33,699	52.8	31.4	21.9
New Jersey	1,669	1,131	1,741	10,822	10,207	6.0	67.5	51.4
New York	1,745	1,327	1,650	10,496	8,669	21.1	16.6	13.8
Pennsylvania	4,349	5,947	3,277	30,176	14,823	103.6	35.7	20.8
East North Central	10,214	9,522	10,154	57,940	57,225	1.2	24.2	24.4
Illinois	6,216	5,632	6,963	33,394	37,843	-11.8	54.8	61.8
Indiana	-	-	-	-	-	-	-	-
Michigan	2,074	2,122	1,565	13,996	9,445	48.2	29.6	21.6
Ohio	846	879	624	5,285	4,798	10.2	8.6	7.3
Wisconsin	1,078	889	1,002	5,265	5,139	2.5	24.2	24.1
West North Central	3,671	2,986	3,277	18,357	18,368	-1	17.6	18.0
Iowa	266	311	320	1,979	1,614	22.6	13.8	11.3
Kansas	815	317	812	2,843	4,734	-40.0	18.4	28.8
Minnesota	1,102	1,155	909	5,898	5,677	3.9	30.5	30.6
Missouri	703	784	720	4,848	3,301	46.9	17.1	11.8
Nebraska	785	419	516	2,789	3,042	-8.3	27.3	33.2
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	12,420	10,942	10,528	69,786	57,954	20.4	27.6	22.2
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,965	1,366	1,533	9,415	7,112	32.4	16.5	12.4
Georgia	2,133	2,065	2,571	11,657	11,580	.7	25.7	26.2
Maryland	-7	-7	-8	19	2,757	-99.3	.1	14.3
North Carolina	2,706	2,061	2,683	13,432	15,188	-11.6	35.4	34.8
South Carolina	3,294	3,249	3,093	21,067	18,348	14.8	62.5	58.3
Virginia	2,329	2,208	656	14,196	2,969	378.2	60.4	15.6
West Virginia	-	-	-	-	-	-	-	-
East South Central	3,304	2,482	3,510	18,814	15,315	22.8	15.8	13.3
Alabama	1,113	910	1,125	6,599	5,695	15.9	17.8	15.3
Kentucky	-	-	-	-	-	-	-	-
Mississippi	802	745	790	4,921	3,025	62.7	45.3	33.9
Tennessee	1,388	827	1,595	7,294	6,594	10.6	20.5	18.8
West South Central	3,509	3,274	3,342	20,429	14,629	39.6	11.7	8.4
Arkansas	1,037	1,146	883	6,217	4,191	48.3	36.1	26.8
Louisiana	1,413	1,477	826	7,725	5,802	33.2	29.5	23.2
Oklahoma	-	-	-	-	-	-	-	-
Texas	1,059	650	1,633	6,487	4,636	39.9	5.9	4.2
Mountain	901	929	139	5,905	5,143	14.8	5.1	4.6
Arizona	901	929	-	5,905	4,887	20.8	22.0	18.8
Colorado	-	-	139	-	256	-	-	1.7
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	2,310	2,396	2,928	20,614	22,587	-8.7	15.5	16.7
California	2,328	2,404	2,936	15,972	17,847	-10.5	29.6	28.2
Oregon	-9	-3	-3	2,017	2,495	-19.2	8.0	9.6
Washington	-10	-5	-4	2,626	2,245	16.9	4.8	4.9
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
Total	46,332	42,945	42,976	278,963	239,499	16.5	20.5	17.9

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

Notes: •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Does not include imports of electricity or generation purchased by electric utilities from nonutilities.

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

Table 12. Other Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date				
				Other Generation			Percent of Total Generation	
				1990 ¹	1989 ²	Percent Difference	1990 ¹	1989 ²
New England	44	51	47	270	197	36.7	0.6	0.4
Connecticut	40	40	35	213	106	100.8	1.3	.6
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	5	11	11	57	91	-37.9	2.0	4.5
Middle Atlantic	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	37	36	36	213	230	-7.0	.1	.1
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-
Ohio	23	22	23	131	153	-14.5	.2	.2
Wisconsin	14	14	13	83	77	7.8	.4	.4
West North Central	36	37	21	209	110	90.4	.2	.1
Iowa	2	1	2	8	14	-44.8	.1	.1
Kansas	*	*	*	*	*	NM	*	*
Minnesota	34	36	19	202	96	109.6	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	24	18	18	129	53	144.7	.1	*
Arkansas	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Texas	24	18	18	129	53	144.7	.1	*
Mountain	17	20	19	117	130	-10.1	.1	.1
Arizona	-	-	-	-	-	-	-	-
Colorado	*	-	*	*	1	NM	*	*
Idaho	-	-	-	-	-	-	-	-
Montana	3	6	3	31	34	-7.5	.2	.3
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	14	14	17	86	96	-10.5	.5	.7
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	724	705	802	4,318	4,870	-11.3	3.2	3.6
California	724	696	774	4,175	4,678	-10.7	7.7	7.4
Oregon	-	*	-	1	25	-97.7	*	.1
Washington	*	10	29	143	168	-14.9	.3	.4
Pacific Noncontiguous	-	1	3	6	14	-55.9	.1	.2
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	1	3	6	14	-55.9	.2	.4
Total	882	868	945	5,264	5,608	-6.1	.4	.4

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* = For detailed data, the absolute value of the number is less than 0.5. For percentage calculations, the absolute value of the number 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 13. 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	38	258,343
July	97	62,306	7,302	69,705	2,180	18,643	20,822	58	318,005
August	95	63,256	7,121	70,471	1,530	17,133	18,663	58	307,804
September	81	56,513	6,295	62,889	1,526	15,642	17,168	54	266,052
October	87	54,755	5,699	60,541	1,180	12,807	13,987	39	252,494
November	85	54,518	6,294	60,896	1,484	17,762	19,247	33	187,381
December	81	64,971	7,215	72,267	5,781	31,374	37,156	50	169,975
1989 Total	1,049	687,436	77,335	765,820	25,485	241,351	266,836	517	2,767,903
1990 ⁵									
January	92	58,748	7,220	66,060	1,234	18,294	19,528	40	143,634
February	85	51,605	6,313	58,003	974	14,769	15,743	62	131,273
March	91	54,425	6,101	60,616	912	16,068	16,979	62	182,435
April	81	52,203	5,376	57,661	1,035	15,882	16,917	61	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
Year to Date									
1990 ⁴	529	328,128	37,890	366,548	6,857	100,187	107,043	369	1,188,891
1989 ⁴	524	331,117	37,409	369,050	11,803	127,990	139,793	226	1,266,191

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

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date		
				1990 ¹	1989 ²	Percent Difference
New England	344	382	582	2,857	3,123	-8.5
Connecticut	78	88	91	503	346	45.3
Maine	-	-	-	-	-	-
Massachusetts	241	263	392	1,908	2,227	-14.3
New Hampshire	25	31	99	446	550	-18.9
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic	4,467	4,085	4,424	27,077	27,439	-1.3
New Jersey	275	116	239	1,321	1,661	-20.5
New York	788	788	827	4,944	4,956	-.2
Pennsylvania	3,404	3,181	3,358	20,812	20,821	*
East North Central	14,248	13,467	13,460	84,478	80,381	5.1
Illinois	2,377	2,180	1,692	13,712	11,473	19.5
Indiana	3,833	3,863	3,549	23,664	20,043	17.6
Michigan	2,558	2,326	2,515	14,693	14,427	1.8
Ohio	4,108	3,744	4,362	23,802	25,861	-8.0
Wisconsin	1,371	1,354	1,342	8,707	8,577	1.5
West North Central	8,283	7,333	7,969	49,422	47,946	3.1
Iowa	1,222	1,003	1,071	7,339	7,268	1.0
Kansas	1,307	1,116	1,167	7,434	7,219	3.0
Minnesota	1,262	1,143	1,256	7,780	7,440	4.6
Missouri	2,042	1,792	1,981	10,873	11,684	-6.9
Nebraska	683	598	684	4,270	3,405	25.4
North Dakota	1,559	1,494	1,622	10,653	9,840	8.3
South Dakota	208	186	188	1,073	1,090	-1.6
South Atlantic	11,545	10,318	11,796	58,748	65,669	-10.5
Delaware	178	136	178	936	994	-5.8
District of Columbia	-	-	-	-	-	-
Florida	2,113	2,060	2,234	11,411	11,457	-.4
Georgia	2,604	2,241	2,356	12,280	12,731	-3.5
Maryland	808	759	838	4,409	4,496	-1.9
North Carolina	1,721	1,360	1,850	7,743	9,625	-19.6
South Carolina	912	846	979	4,280	4,789	-10.6
Virginia	677	492	821	3,349	5,105	-34.4
West Virginia	2,532	2,422	2,540	14,340	16,472	-12.9
East South Central	7,141	6,036	6,147	35,694	35,044	1.9
Alabama	2,186	1,807	1,889	9,585	10,023	-4.4
Kentucky	2,842	2,326	2,411	14,929	13,870	7.6
Mississippi	451	368	430	1,701	1,539	10.6
Tennessee	1,663	1,534	1,416	9,478	9,612	-1.4
West South Central	11,290	9,493	11,040	57,907	59,809	-3.2
Arkansas	1,153	893	900	4,876	4,911	-.7
Louisiana	919	763	1,150	5,133	6,093	-15.7
Oklahoma	1,335	1,018	1,213	6,963	6,784	2.6
Texas	7,883	6,818	7,777	40,934	42,021	-2.6
Mountain	7,747	7,644	8,016	48,262	47,062	2.5
Arizona	1,595	1,275	1,466	7,690	7,461	3.1
Colorado	1,356	1,202	1,223	7,838	7,470	4.9
Idaho	-	-	-	-	-	-
Montana	548	575	623	4,588	4,643	-1.2
Nevada	444	406	724	3,167	3,774	-16.1
New Mexico	1,289	1,346	1,413	7,482	7,190	4.1
Utah	1,090	1,086	1,063	6,592	6,050	9.0
Wyoming	1,425	1,754	1,505	10,905	10,474	4.1
Pacific Contiguous	81	268	164	1,963	2,435	-19.4
California	-	-	-	-	-	-
Oregon	-	-	-	-	306	-
Washington	81	268	164	1,963	2,130	-7.8
Pacific Noncontiguous	21	16	24	141	142	-.4
Alaska	21	16	24	141	142	-.4
Hawaii	-	-	-	-	-	-
Total	65,167	59,042	63,623	366,548	389,050	-7

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

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

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

Table 15. Consumption of Petroleum to Produce Electricity by Census Division and State
(Thousand Barrels)

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date		
				1990 ¹	1989 ²	Percent Difference
New England	5,319	4,216	4,194	30,454	32,853	-7.3
Connecticut	1,688	1,276	1,225	9,265	10,781	-14.1
Maine	473	580	171	2,574	2,669	-3.6
Massachusetts	2,657	1,802	2,366	15,669	15,901	-1.5
New Hampshire	465	551	397	2,644	3,076	-14.0
Rhode Island	34	7	31	299	397	-24.7
Vermont	1	.	3	3	29	-91.2
Middle Atlantic	6,395	3,985	7,290	35,993	48,037	-25.1
New Jersey	452	182	778	1,756	5,675	-69.1
New York	5,129	3,589	5,209	31,041	35,073	-11.5
Pennsylvania	814	213	1,303	3,195	7,289	-56.2
East North Central	531	297	464	2,083	2,202	-5.4
Illinois	245	148	141	1,012	366	176.4
Indiana	70	26	34	209	159	31.4
Michigan	151	69	202	545	1,153	-52.7
Ohio	55	44	76	271	454	-40.3
Wisconsin	11	10	11	45	70	-34.8
West North Central	72	48	48	290	407	-28.8
Iowa	20	9	7	56	49	15.5
Kansas	17	8	10	69	81	-14.6
Minnesota	6	6	3	30	31	-5.2
Missouri	15	15	16	86	104	-16.8
Nebraska	3	2	2	10	82	-87.7
North Dakota	9	6	8	26	42	-37.8
South Dakota	1	2	2	13	19	-32.6
South Atlantic	7,762	4,706	7,886	23,669	35,018	-32.4
Delaware	264	233	362	1,394	1,960	-28.9
District of Columbia	139	14	239	299	560	-46.7
Florida	6,292	3,979	4,978	17,719	22,128	-19.9
Georgia	63	19	37	126	114	10.5
Maryland	766	357	1,225	3,440	5,259	-34.6
North Carolina	30	25	61	169	281	-39.9
South Carolina	8	14	32	46	109	-57.6
Virginia	159	35	920	290	4,405	-93.4
West Virginia	41	30	32	186	202	-7.7
East South Central	613	70	120	1,000	1,281	-21.9
Alabama	5	10	11	59	86	-31.4
Kentucky	17	21	17	94	117	-19.6
Mississippi	559	27	66	755	953	-20.8
Tennessee	33	11	26	93	126	-26.3
West South Central	57	79	52	534	2,815	-81.0
Arkansas	16	19	10	77	155	-50.1
Louisiana	16	21	6	68	149	-54.3
Oklahoma	2	4	3	33	27	23.5
Texas	22	36	33	356	2,484	-85.7
Mountain	114	71	90	545	834	-34.7
Arizona	19	21	12	112	171	-34.2
Colorado	6	4	15	30	37	-18.3
Idaho	.	.	.	.	3	.
Montana	9	9	9	30	35	-12.1
Nevada	51	11	29	247	441	-43.9
New Mexico	7	5	6	31	46	-33.3
Utah	9	6	7	38	47	-19.2
Wyoming	13	16	10	55	55	0.0
Pacific Contiguous	128	1,044	21	5,405	9,329	-42.1
California	125	1,041	19	5,390	9,071	-40.6
Oregon	.	.	.	.	76	.
Washington	3	3	2	14	181	-92.1
Pacific Noncontiguous	1,166	1,204	1,159	7,071	7,017	.8
Alaska	49	48	35	365	379	-3.8
Hawaii	1,116	1,156	1,124	6,707	6,638	1.0
Total	22,156	15,720	21,322	107,043	139,793	-23.4

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

. = For detailed data, the absolute value of the number is less than 0.5. For percentage calculations, the absolute value of the number 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 June 1990 petroleum coke consumption was 66,396 short tons.

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

Table 16. Consumption of Gas to Produce Electricity by Census Division and State
(Million Cubic Feet)

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Year-to-Date		Percent Difference
				1990 ¹	1989 ²	
New England	5,431	8,666	6,564	22,163	20,838	6.4
Connecticut	72	168	232	243	1,568	-84.5
Maine	-	-	-	-	-	-
Massachusetts	4,901	7,819	6,054	20,194	18,668	8.2
New Hampshire	-	-	3	-	7	-
Rhode Island	403	629	276	1,550	596	160.2
Vermont	55	49	-	176	-	-
Middle Atlantic	24,637	20,217	31,202	97,844	117,765	-16.9
New Jersey	3,853	1,594	9,075	11,253	28,867	-61.0
New York	20,603	18,466	21,761	85,541	86,677	-1.3
Pennsylvania	181	156	367	1,049	2,221	-52.8
East North Central	3,944	3,362	3,185	19,124	17,997	6.3
Illinois	1,125	681	1,081	3,686	3,642	1.2
Indiana	243	634	60	2,803	2,206	27.1
Michigan	2,211	1,718	1,727	11,108	10,910	1.8
Ohio	80	49	159	306	304	.8
Wisconsin	284	280	158	1,221	935	30.6
West North Central	5,617	3,201	3,132	15,029	11,149	34.8
Iowa	440	301	183	1,247	1,122	11.1
Kansas	4,052	2,071	2,338	9,884	6,663	48.3
Minnesota	467	376	326	1,952	1,647	18.5
Missouri	395	83	172	684	526	29.9
Nebraska	239	370	113	1,236	1,122	10.2
North Dakota	-	-	-	-	-	-
South Dakota	24	1	-	28	69	-59.5
South Atlantic	18,748	19,093	23,908	98,527	107,121	-8.0
Delaware	1,081	680	560	4,381	2,757	58.9
District of Columbia	-	-	-	-	-	-
Florida	14,856	17,557	18,536	88,262	90,078	-2.0
Georgia	204	74	160	364	363	.3
Maryland	1,147	556	2,454	3,349	9,717	-65.5
North Carolina	390	163	344	910	593	53.4
South Carolina	404	28	653	476	923	-48.4
Virginia	660	25	1,189	700	2,628	-73.4
West Virginia	7	10	11	84	62	36.0
East South Central	5,293	3,914	5,382	20,630	19,703	4.7
Alabama	542	318	249	1,600	908	76.3
Kentucky	26	12	50	145	173	-16.1
Mississippi	4,612	3,585	5,083	18,761	18,622	.7
Tennessee	113	-	-	123	-	-
West South Central	177,491	138,147	128,805	663,375	685,157	-3.2
Arkansas	4,491	2,612	2,153	10,078	12,464	-19.1
Louisiana	32,409	21,448	24,374	109,677	103,053	6.4
Oklahoma	17,968	13,624	14,333	77,930	86,077	-9.5
Texas	122,624	100,463	87,945	465,691	483,563	-3.7
Mountain	10,903	8,416	9,294	41,827	47,818	-12.5
Arizona	4,130	2,583	4,713	14,920	20,723	-28.0
Colorado	518	469	264	2,472	5,166	-52.2
Idaho	-	-	-	-	-	-
Montana	48	27	20	173	174	-7
Nevada	2,754	2,458	2,012	10,942	8,903	22.9
New Mexico	3,366	2,751	2,276	12,802	12,354	3.6
Utah	81	122	2	487	463	5.1
Wyoming	6	7	7	32	36	-12.2
Pacific Contiguous	40,592	31,829	44,505	193,936	222,664	-12.9
California	40,590	31,820	42,285	192,181	212,441	-9.5
Oregon	-	-	2,086	1,731	4,368	-60.4
Washington	1	9	134	24	5,855	-99.6
Pacific Noncontiguous	2,649	2,570	2,366	16,436	15,978	2.9
Alaska	2,649	2,570	2,366	16,436	15,978	2.9
Hawaii	-	-	-	-	-	-
Total	295,305	239,415	258,343	1,188,891	1,266,191	-6.1

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

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

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

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

Stocks

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

Table 17. 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	26,094	102,042	128,136	42
1982	6,080	170,480	4,573	181,132	23,369	95,515	118,884	41
1983	6,507	145,250	3,841	155,598	18,801	70,573	89,375	55
1984	6,710	167,118	5,899	179,727	19,116	68,503	87,619	50
1985	7,189	142,144	7,043	156,376	16,386	57,304	73,689	49
1986	7,099	148,665	6,042	161,806	16,269	56,841	73,111	40
1987	6,940	156,670	7,187	170,797	15,759	55,069	70,827	51
1988	6,561	133,434	6,512	146,507	15,099	54,187	69,285	86
1989 ⁴								
January	6,513	129,802	6,088	142,403	14,809	55,845	70,654	58
February	6,494	124,643	6,217	137,354	13,980	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	147,131	15,332	56,258	71,590	115
December	6,403	123,001	6,490	135,894	13,824	47,586	61,410	105
1990 ⁵								
January	6,360	125,829	6,169	138,358	15,458	54,332	69,790	114
February	6,315	131,176	5,922	143,413	15,622	58,136	73,758	108
March	6,294	138,636	5,879	150,808	15,117	57,706	72,823	104
April	6,298	144,537	5,482	156,318	14,811	55,331	70,142	93
May	6,315	150,362	6,557	163,233	15,459	55,149	70,608	102
June	6,376	149,945	6,424	162,745	15,338	53,106	68,444	110

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

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Monthly Percent Change	Yearly Percent Difference
New England	1,558	1,312	1,279	18.8	21.8
Connecticut	187	178	140	5.2	34.1
Maine	-	-	-	-	-
Massachusetts	931	844	861	10.3	8.1
New Hampshire	412	262	250	57.1	64.7
Rhode Island	28	28	28	-	-
Vermont	-	-	-	-	-
Middle Atlantic	16,285	15,087	14,247	1.2	14.3
New Jersey	1,001	983	669	1.8	49.7
New York	1,816	1,653	1,454	6.9	24.8
Pennsylvania	13,468	13,405	12,124	.5	11.1
East North Central	37,777	37,394	37,337	1.0	1.2
Illinois	7,862	8,071	10,060	-2.6	-21.9
Indiana	9,762	9,489	8,847	2.9	10.3
Michigan	7,094	6,958	7,402	2.0	-4.2
Ohio	8,979	8,892	6,419	1.0	39.9
Wisconsin	4,080	3,983	4,609	2.4	-11.5
West North Central	20,928	21,311	20,952	-1.8	-1.1
Iowa	4,142	4,137	3,999	.1	3.6
Kansas	3,576	3,844	3,789	-7.0	-5.6
Minnesota	2,476	2,289	2,368	8.2	4.6
Missouri	5,522	5,779	5,097	-4.5	8.3
Nebraska	1,611	1,604	1,750	.4	-8.0
North Dakota	3,321	3,372	3,651	-1.5	-9.0
South Dakota	280	287	298	-2.2	-6.0
South Atlantic	29,288	30,023	22,947	-2.4	27.6
Delaware	440	467	482	-5.8	-8.8
District of Columbia	-	-	-	-	-
Florida	5,431	5,287	5,611	2.7	-3.2
Georgia	6,464	6,711	5,290	-3.7	22.2
Maryland	1,705	1,736	1,347	-1.8	26.5
North Carolina	4,895	5,195	3,075	-5.8	59.2
South Carolina	2,088	2,142	1,451	-2.6	43.8
Virginia	1,713	1,869	1,255	-8.4	36.5
West Virginia	6,552	6,617	4,435	-1.0	47.7
East South Central	17,839	17,915	15,136	-4	17.9
Alabama	5,198	5,452	4,907	-4.7	5.9
Kentucky	7,375	7,306	4,996	1.0	47.6
Mississippi	1,075	1,137	1,096	-5.5	-1.9
Tennessee	4,192	4,021	4,138	4.2	1.3
West South Central	18,391	19,060	17,194	-3.5	7.0
Arkansas	2,264	2,471	2,444	-8.4	-7.4
Louisiana	2,557	2,531	2,341	1.0	9.2
Oklahoma	3,371	3,703	3,071	-9.0	9.8
Texas	10,199	10,354	9,338	-1.5	9.2
Mountain	18,415	18,289	17,740	.7	3.8
Arizona	3,690	3,698	4,054	-2	-9.0
Colorado	3,864	3,889	4,282	-7	-9.8
Idaho	-	-	-	-	-
Montana	870	856	789	1.7	10.3
Nevada	1,359	1,378	1,148	-1.4	18.5
New Mexico	1,377	1,388	1,285	-7	7.2
Utah	3,739	3,909	3,085	-4.4	21.2
Wyoming	3,515	3,172	3,097	10.8	13.5
Pacific Contiguous	2,261	1,839	2,134	22.9	5.9
California	-	-	-	-	-
Oregon	480	480	480	-	-
Washington	1,781	1,359	1,654	31.0	7.7
Pacific Noncontiguous	4	2	2	102.6	71.8
Alaska	4	2	2	102.6	71.8
Hawaii	-	-	-	-	-
Total	162,745	163,233	148,968	-3	9.2

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* = For detailed data, the absolute value of the number is less than 0.5. For percentage calculations, the absolute value of the number 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 19. Stocks of Petroleum by Census Division and State
(Thousand Barrels)

Census Division and State	June 1990 ¹	May 1990 ¹	June 1989 ²	Monthly Percent Change	Yearly Percent Difference
New England	6,466	6,803	7,061	-4.9	-8.4
Connecticut	2,387	2,453	2,767	-2.7	-13.7
Maine	677	718	561	-5.7	20.7
Massachusetts	3,124	3,238	3,209	-3.5	-2.7
New Hampshire	131	214	284	-38.7	-53.8
Rhode Island	103	136	202	-24.4	-49.2
Vermont	44	44	38	-4	15.9
Middle Atlantic	13,565	15,085	14,017	-10.1	-3.2
New Jersey	2,064	2,287	2,131	-9.8	-3.2
New York	9,462	10,284	9,523	-8.0	-6
Pennsylvania	2,039	2,515	2,364	-18.9	-13.7
East North Central	3,219	3,223	4,065	-1	-20.8
Illinois	1,374	1,437	2,120	-4.3	-35.2
Indiana	195	198	201	-1.5	-3.2
Michigan	1,075	1,069	1,187	.6	-9.4
Ohio	371	366	357	1.5	4.0
Wisconsin	204	154	200	32.5	2.0
West North Central	1,794	1,724	1,755	4.0	2.2
Iowa	197	189	215	4.3	-8.6
Kansas	706	678	648	4.1	9.0
Minnesota	152	115	153	32.5	-9
Missouri	386	389	365	-8	5.9
Nebraska	220	219	240	.2	-8.3
North Dakota	55	55	56	-2	-1.4
South Dakota	78	79	79	-1.5	-1.1
South Atlantic	13,723	14,934	13,867	-8.1	-1.0
Delaware	491	600	509	-18.1	-3.6
District of Columbia	59	104	64	-43.2	-8.2
Florida	6,538	7,214	7,909	-9.4	-17.3
Georgia	524	547	598	-4.1	-12.3
Maryland	1,824	2,083	1,586	-12.4	15.1
North Carolina	254	253	203	.5	25.4
South Carolina	513	519	496	-1.2	3.5
Virginia	3,357	3,455	2,323	-2.8	44.5
West Virginia	162	161	179	.5	-9.7
East South Central	1,327	1,472	1,447	-9.9	-8.3
Alabama	162	157	116	3.1	40.0
Kentucky	103	103	109		-5.4
Mississippi	696	828	845	-15.9	-17.6
Tennessee	365	384	377	-4.9	-3.2
West South Central	7,664	7,695	6,530	-4	17.4
Arkansas	276	287	176	-3.9	56.9
Louisiana	1,220	1,218	1,208	.1	1.0
Oklahoma	438	421	445	4.0	-1.6
Texas	5,730	5,769	4,701	-7	21.9
Mountain	1,757	1,748	1,744	.5	.7
Arizona	843	840	823	.3	2.3
Colorado	255	253	266	.5	-4.1
Idaho	13	13	14	2.9	-4.9
Montana	15	14	11	8.0	37.1
Nevada	463	453	398	2.4	16.4
New Mexico	110	112	171	-2.1	-36.0
Utah	34	36	35	-4.6	-5
Wyoming	24	27	26	-12.7	-8.5
Pacific Contiguous	17,786	16,836	14,643	5.6	21.5
California	17,443	16,492	14,433	5.8	20.9
Oregon	228	228	109	-1	108.9
Washington	115	116	102	-7	12.9
Pacific Noncontiguous	1,145	1,088	1,414	5.3	-19.0
Alaska	176	193	185	-9.0	-4.7
Hawaii	969	894	1,230	8.4	-21.2
Total	68,444	70,608	66,544	-3.1	2.9

¹ Data for 1990 are preliminary.

² Data for 1989 are revised.

* For detailed data, the absolute value of the number is less than 0.5. For percentage calculations, the absolute value of the number 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 June 1990 petroleum coke stocks were 110,351 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 20. 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	3,086,814	219.9	192.8
1981	579,374	153.2	327,477	533.4	341,544	542.5	3,573,558	200.5	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	402.8	2,732,240	347.4	220.6
1984	684,111	166.4	193,832	481.2	202,372	486.3	2,878,808	ⁿ 360.3	219.1
1985	666,743	164.0	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	2,387,622	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	146.6	230,234	240.5	236,924	243.9	2,362,721	226.3	164.3
1989 ⁵									
January	62,443	142.7	25,855	264.1	26,516	267.4	124,572	257.5	164.8
February	56,634	145.0	20,489	251.9	21,179	256.0	150,950	237.2	164.6
March	63,216	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	14,067	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	147,783	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	182.6
February	62,280	146.4	19,190	336.2	19,883	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	63,889	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
Year-to-Date									
1990 ⁵	326,281	146.3	89,223	321.8	92,127	326.6	807,147	239.1	168.2
1989 ⁵	309,167	144.2	109,171	278.6	112,395	282.0	890,449	233.4	166.2

¹ Data include lignite, bituminous coal, subbituminous coal, and anthracite.

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

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

⁴ Data for 1980-1982 do not include small quantities of re-refined motor oil and liquefied petroleum gas.

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

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 21. Receipts of Coal by Type of Coal, Census Division, and State, May 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	-	-	600	15,757	-	-	-	-	600	15,757
Connecticut	-	-	120	3,168	-	-	-	-	120	3,168
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	413	10,830	-	-	-	-	413	10,830
New Hampshire	-	-	67	1,759	-	-	-	-	67	1,759
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	77	1,158	4,981	123,736	-	-	-	-	5,058	124,894
New Jersey	-	-	193	5,258	-	-	-	-	193	5,258
New York	-	-	975	24,988	-	-	-	-	975	24,988
Pennsylvania	77	1,158	3,813	93,490	-	-	-	-	3,890	94,649
East North Central	-	-	10,756	250,661	4,048	72,428	-	-	14,805	323,089
Illinois	-	-	1,932	43,332	507	9,631	-	-	2,439	52,964
Indiana	-	-	3,040	67,491	1,055	18,054	-	-	4,096	85,545
Michigan	-	-	1,359	34,301	1,314	24,594	-	-	2,672	58,895
Ohio	-	-	3,838	91,286	-	-	-	-	3,838	91,286
Wisconsin	-	-	587	14,250	1,172	20,150	-	-	1,759	34,400
West North Central	-	-	1,956	43,635	4,489	76,827	1,908	25,140	8,353	145,602
Iowa	-	-	332	7,306	1,076	18,182	-	-	1,408	25,488
Kansas	-	-	228	4,978	872	14,602	-	-	1,100	19,580
Minnesota	-	-	18	407	1,280	22,416	-	-	1,298	22,823
Missouri	-	-	1,378	30,944	676	11,717	-	-	2,054	42,662
Nebraska	-	-	-	-	585	9,909	-	-	585	9,909
North Dakota	-	-	-	-	-	-	1,726	22,943	1,726	22,943
South Dakota	-	-	-	-	-	-	182	2,197	182	2,197
South Atlantic	-	-	10,900	270,779	72	1,261	-	-	10,972	272,040
Delaware	-	-	190	4,920	-	-	-	-	190	4,920
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	-	-	2,158	53,413	-	-	-	-	2,158	53,413
Georgia	-	-	2,322	56,392	72	1,261	-	-	2,394	57,654
Maryland	-	-	778	19,737	-	-	-	-	778	19,737
North Carolina	-	-	1,434	35,731	-	-	-	-	1,434	35,731
South Carolina	-	-	810	20,425	-	-	-	-	810	20,425
Virginia	-	-	537	13,573	-	-	-	-	537	13,573
West Virginia	-	-	2,672	66,588	-	-	-	-	2,672	66,588
East South Central	-	-	7,328	173,816	39	670	-	-	7,367	174,486
Alabama	-	-	1,892	45,824	-	-	-	-	1,892	45,824
Kentucky	-	-	3,207	74,382	39	670	-	-	3,246	75,051
Mississippi	-	-	449	11,163	-	-	-	-	449	11,163
Tennessee	-	-	1,781	42,448	-	-	-	-	1,781	42,448
West South Central	-	-	320	7,281	5,243	90,153	4,097	51,973	9,660	149,407
Arkansas	-	-	-	-	908	15,816	-	-	908	15,816
Louisiana	-	-	44	1,150	648	11,059	319	4,404	1,011	16,613
Oklahoma	-	-	75	1,862	989	17,259	-	-	1,064	19,122
Texas	-	-	201	4,269	2,698	46,018	3,778	47,569	6,677	97,856
Mountain	-	-	3,259	71,589	4,457	80,740	3	34	7,719	152,363
Arizona	-	-	872	18,380	245	4,824	-	-	1,117	23,204
Colorado	-	-	480	10,375	792	14,838	-	-	1,272	25,213
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	567	9,767	3	34	570	9,802
Nevada	-	-	437	9,932	-	-	-	-	437	9,932
New Mexico	-	-	-	-	1,419	26,090	-	-	1,419	26,090
Utah	-	-	1,283	29,280	-	-	-	-	1,283	29,280
Wyoming	-	-	188	3,622	1,433	25,220	-	-	1,621	28,842
Pacific	-	-	-	-	424	6,885	-	-	424	6,885
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	424	6,885	-	-	424	6,885
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U. S. Total	77	1,158	40,101	957,255	18,773	328,963	6,007	77,147	64,958	1,364,524

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 22. Receipts of Coal and Average Cost by Census Division and State

Census Division and State	May 1990 ¹		May 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	600	15,757	609	15,795	74,918	66,550	179.1	166.7
Connecticut	120	3,168	20	521	12,231	7,774	211.2	218.3
Maine	-	-	-	-	-	-	-	-
Massachusetts	413	10,830	492	12,711	48,498	48,410	171.2	158.5
New Hampshire	67	1,759	96	2,563	14,189	10,366	178.3	166.3
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	5,058	124,894	4,836	120,652	639,275	596,485	154.6	146.1
New Jersey	193	5,258	316	8,498	37,523	39,757	178.7	173.4
New York	975	24,988	938	24,065	117,006	106,341	161.4	157.4
Pennsylvania	3,890	94,649	3,583	88,089	484,746	450,387	151.1	141.0
East North Central	14,805	323,089	14,030	310,495	1,549,311	1,424,647	153.0	154.6
Illinois	2,439	52,964	2,101	45,034	240,866	222,332	175.1	182.2
Indiana	4,096	85,545	3,247	70,148	440,683	347,663	141.4	138.8
Michigan	2,672	58,895	2,788	62,298	210,787	215,794	166.9	179.2
Ohio	3,838	91,286	4,349	102,994	517,323	502,264	151.5	145.9
Wisconsin	1,759	34,400	1,544	30,021	139,652	136,594	136.6	143.3
West North Central	8,353	145,602	8,418	148,485	763,401	712,615	115.5	115.2
Iowa	1,408	25,488	1,486	27,050	110,469	97,841	110.3	123.5
Kansas	1,100	19,580	1,251	22,784	121,664	111,466	125.1	122.6
Minnesota	1,298	22,823	1,285	22,461	127,613	105,958	133.2	128.8
Missouri	2,054	42,662	2,015	41,888	215,983	218,871	138.4	131.5
Nebraska	585	9,909	675	11,773	60,048	51,036	76.8	88.8
North Dakota	1,726	22,943	1,586	21,055	118,472	117,538	68.9	69.3
South Dakota	182	2,197	120	1,474	9,154	9,906	119.4	125.6
South Atlantic	10,972	272,040	11,410	283,860	1,408,052	1,344,350	168.1	163.5
Delaware	190	4,920	187	4,791	25,038	23,107	182.2	178.2
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,158	53,413	2,265	56,147	255,050	245,262	185.8	177.5
Georgia	2,394	57,654	2,053	49,591	269,137	252,828	173.4	174.4
Maryland	778	19,737	835	21,175	108,672	91,415	164.9	157.7
North Carolina	1,434	35,731	1,734	43,495	211,539	187,263	179.8	175.5
South Carolina	810	20,425	754	19,031	92,509	94,230	172.1	172.8
Virginia	537	13,573	906	23,073	80,555	109,914	159.4	151.7
West Virginia	2,672	66,588	2,677	66,557	365,553	340,331	145.9	140.5
East South Central	7,367	174,486	6,789	160,373	834,891	758,993	142.9	142.9
Alabama	1,892	45,824	2,068	49,729	219,953	224,465	185.4	186.1
Kentucky	3,246	75,051	2,628	60,367	361,524	303,135	118.7	113.2
Mississippi	449	11,163	351	8,882	40,935	36,597	163.8	174.3
Tennessee	1,781	42,448	1,742	41,395	212,480	194,796	135.9	133.6
West South Central	9,660	149,407	10,251	158,406	735,492	760,479	149.8	147.8
Arkansas	908	15,816	744	12,993	70,682	77,371	173.8	164.8
Louisiana	1,011	16,613	1,105	18,039	67,067	75,284	169.6	159.1
Oklahoma	1,064	19,122	1,283	22,696	113,467	106,541	137.4	134.2
Texas	6,677	97,856	7,110	104,678	484,275	501,283	146.5	146.3
Mountain	7,719	152,363	8,009	156,321	816,276	770,549	114.7	111.6
Arizona	1,117	23,204	1,231	25,670	136,138	122,304	146.9	140.6
Colorado	1,272	25,213	1,249	24,784	125,544	131,591	109.2	106.6
Idaho	-	-	-	-	-	-	-	-
Montana	570	9,802	711	12,064	69,570	66,800	65.5	54.2
Nevada	437	9,932	501	11,271	68,693	65,410	156.5	146.6
New Mexico	1,419	26,090	1,580	28,905	113,283	104,922	131.6	127.1
Utah	1,283	29,280	1,141	25,845	141,134	117,360	113.6	125.7
Wyoming	1,621	28,842	1,598	27,782	161,914	162,161	84.5	83.2
Pacific Contiguous	424	6,885	444	7,228	37,497	39,430	159.6	153.8
California	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-
Washington	424	6,885	444	7,228	37,497	39,430	159.6	153.8
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	64,958	1,364,524	64,796	1,361,614	6,859,114	6,474,098	146.3	144.2

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 23. Receipts of Coal and Average Cost by Type of Purchase and Mining Method, Census Division and State, May 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	432	182.5	47.83	168	183.5	48.49	65	166.7	42.94	535	184.7	48.83
Connecticut	94	217.2	57.54	26	193.0	50.33	-	-	-	120	212.0	55.98
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	280	170.7	44.46	133	181.2	48.14	65	166.7	42.94	348	175.5	46.15
New Hampshire	58	182.7	48.36	9	189.5	48.32	-	-	-	67	183.6	48.35
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	3,874	155.9	38.77	1,185	144.2	34.78	2,199	148.2	35.97	2,859	157.0	39.28
New Jersey	181	176.4	48.28	11	183.5	48.18	47	179.1	47.52	145	176.1	48.52
New York	649	157.4	41.28	326	161.7	39.46	404	156.6	38.36	571	160.2	42.31
Pennsylvania	3,043	154.2	37.67	847	136.8	32.80	1,748	145.3	35.11	2,143	154.6	37.84
East North Central	11,711	159.6	34.59	3,094	131.2	29.41	9,990	148.8	31.18	4,815	162.3	38.33
Illinois	2,012	181.4	38.63	428	134.9	31.94	1,318	194.5	41.13	1,121	148.1	33.13
Indiana	3,472	143.7	30.13	623	119.8	24.50	3,129	131.2	26.89	967	167.1	36.99
Michigan	2,274	166.7	36.67	398	146.2	32.63	2,018	158.9	32.99	654	175.2	45.58
Ohio	2,655	166.5	39.37	1,183	131.0	31.57	2,097	147.9	34.94	1,741	164.3	39.41
Wisconsin	1,298	137.5	26.82	461	128.6	25.34	1,427	128.3	23.31	332	156.2	39.87
West North Central	7,191	119.2	20.47	1,162	104.9	19.95	7,651	110.7	18.73	703	167.7	38.58
Iowa	937	129.6	23.50	472	93.3	16.80	1,337	115.1	20.58	72	152.6	33.83
Kansas	1,044	126.9	22.27	56	131.2	29.43	1,080	124.9	22.11	20	222.9	50.99
Minnesota	1,283	137.5	24.12	15	154.0	32.03	1,292	137.3	24.10	6	196.5	48.06
Missouri	1,596	139.1	29.05	457	121.1	24.68	1,448	119.5	23.67	605	167.3	38.64
Nebraska	424	79.0	13.45	162	67.7	11.31	585	75.9	12.86	-	-	-
North Dakota	1,726	71.8	9.54	-	-	-	1,726	71.8	9.54	-	-	-
South Dakota	182	112.0	13.52	-	-	-	182	112.0	13.52	-	-	-
South Atlantic	8,571	175.0	43.50	2,401	144.6	35.54	3,678	167.4	41.11	7,294	168.9	42.09
Delaware	154	179.5	46.56	35	194.2	50.32	9	174.7	46.34	181	182.6	47.31
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,668	187.4	46.37	490	152.1	37.66	697	177.1	43.05	1,461	180.4	45.03
Georgia	1,651	181.5	43.91	743	153.2	36.53	945	166.1	39.87	1,449	177.2	42.75
Maryland	581	165.7	42.06	197	161.3	40.94	446	170.0	42.65	332	157.5	40.59
North Carolina	1,413	185.6	46.22	21	145.3	36.77	628	183.7	45.64	806	186.0	46.42
South Carolina	611	180.9	45.41	198	157.8	40.40	82	167.9	44.19	727	176.0	44.18
Virginia	467	156.2	39.61	69	158.5	39.47	212	152.5	38.25	325	159.1	40.47
West Virginia	2,024	157.5	39.41	647	115.4	28.41	659	146.1	35.92	2,013	147.8	37.02
East South Central	5,468	150.9	35.64	1,900	123.1	29.38	3,432	141.4	33.33	3,935	145.6	34.64
Alabama	1,432	199.6	48.76	461	124.6	29.40	790	176.2	42.93	1,103	186.0	44.84
Kentucky	2,363	121.5	27.71	883	118.6	28.44	1,854	119.0	27.76	1,392	123.0	28.12
Mississippi	295	169.8	43.19	154	146.0	34.77	65	164.0	39.73	384	161.7	40.41
Tennessee	1,379	142.8	34.00	402	122.5	29.34	724	157.0	36.54	1,057	125.9	30.49
West South Central	9,295	155.4	23.81	365	130.2	24.88	9,532	153.6	23.60	128	184.7	42.58
Arkansas	908	159.5	27.79	-	-	-	908	159.5	27.79	-	-	-
Louisiana	1,011	166.2	27.32	-	-	-	967	163.3	26.11	44	205.5	54.23
Oklahoma	945	140.2	24.71	119	119.5	24.66	1,064	137.5	24.71	-	-	-
Texas	6,432	155.5	22.57	245	136.1	24.98	6,593	154.3	22.48	84	171.4	36.54
Mountain	7,037	118.3	23.45	682	83.2	15.77	5,789	112.4	21.07	1,930	122.5	27.87
Arizona	1,117	153.7	31.92	-	-	-	1,038	151.8	31.21	80	174.7	41.08
Colorado	1,148	104.9	20.56	124	105.1	22.90	959	100.9	19.37	313	115.6	25.15
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	570	63.6	10.94	-	-	-	570	63.6	10.94	-	-	-
Nevada	437	172.5	39.24	-	-	-	182	185.0	36.19	254	177.5	41.42
New Mexico	1,419	127.1	23.37	-	-	-	1,419	127.1	23.37	-	-	-
Utah	1,136	111.0	25.16	147	100.1	23.94	-	-	-	1,283	109.7	25.02
Wyoming	1,210	93.1	17.02	411	65.5	10.70	1,621	86.7	15.42	-	-	-
Pacific	401	164.1	26.58	23	124.6	21.07	424	161.9	26.29	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	401	164.1	26.58	23	124.6	21.07	424	161.9	26.29	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	53,980	151.3	31.27	10,978	130.4	29.60	42,760	140.3	27.14	22,198	158.6	36.40

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 24. Receipts of Coal and Average Cost by Sulfur Content,
Census Division and State, May 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	-	-	-	140	209.8	55.26	422	174.6	45.77
Connecticut	-	-	-	120	212.0	55.98	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	403	174.1	45.65
New Hampshire	-	-	-	20	195.8	50.89	19	186.5	48.37
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	23	195.9	48.90	481	173.4	42.89	838	145.4	35.41
New Jersey	-	-	-	154	177.0	48.60	1	183.2	47.01
New York	19	204.9	54.15	103	205.2	52.80	96	163.4	37.20
Pennsylvania	4	133.8	24.19	224	153.6	34.41	741	143.2	35.17
East North Central	3,869	157.0	28.29	2,695	170.3	40.99	1,048	159.6	37.47
Illinois	507	296.2	56.28	313	163.5	41.35	100	113.6	25.26
Indiana	1,116	141.8	24.66	225	197.8	47.62	348	156.4	34.17
Michigan	1,192	148.8	27.97	1,201	175.5	43.05	176	162.0	42.43
Ohio	-	-	-	753	155.1	37.35	377	173.1	41.41
Wisconsin	1,054	109.7	19.02	203	177.2	34.46	47	153.4	37.67
West North Central	3,876	108.8	18.87	2,364	105.7	15.62	412	149.2	27.69
Iowa	1,107	105.9	18.02	22	129.0	27.60	-	-	-
Kansas	1,035	124.4	21.76	-	-	-	-	-	-
Minnesota	519	130.1	22.87	761	141.7	24.75	6	196.5	48.06
Missouri	630	100.0	17.87	109	110.3	19.94	198	194.5	45.61
Nebraska	585	75.9	12.86	-	-	-	-	-	-
North Dakota	-	-	-	1,289	75.5	9.94	208	73.3	10.08
South Dakota	-	-	-	182	112.0	13.52	-	-	-
South Atlantic	72	125.0	21.86	4,028	175.9	44.03	2,933	173.2	43.31
Delaware	-	-	-	138	188.8	48.95	37	168.4	44.00
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	-	-	-	779	172.8	43.31	361	196.5	49.85
Georgia	72	125.0	21.86	426	208.5	52.70	934	166.8	40.95
Maryland	-	-	-	283	158.6	40.46	116	152.2	38.52
North Carolina	-	-	-	906	186.7	46.01	528	182.1	46.21
South Carolina	-	-	-	180	176.0	44.26	533	174.0	44.06
Virginia	-	-	-	397	158.8	40.05	139	150.2	38.30
West Virginia	-	-	-	918	163.4	40.69	284	166.4	40.25
East South Central	232	203.9	47.56	1,943	164.9	40.41	607	152.9	37.47
Alabama	156	236.9	58.17	683	191.7	46.74	115	205.9	50.95
Kentucky	76	124.6	25.95	847	134.1	33.15	242	133.6	32.02
Mississippi	-	-	-	142	165.9	43.01	67	200.3	50.43
Tennessee	-	-	-	270	195.6	45.81	183	126.6	31.44
West South Central	5,447	173.3	30.06	2,410	117.4	15.48	1,497	133.1	17.17
Arkansas	908	159.5	27.79	-	-	-	-	-	-
Louisiana	648	176.1	30.04	363	146.6	22.45	-	-	-
Oklahoma	991	137.6	24.03	20	152.3	36.74	14	145.4	38.31
Texas	2,900	189.3	32.83	2,028	110.4	14.02	1,483	132.8	16.96
Mountain	3,851	106.5	21.71	3,868	124.7	23.82	-	-	-
Arizona	753	131.5	28.38	364	205.3	39.22	-	-	-
Colorado	1,230	104.9	20.73	42	103.3	22.73	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	3	116.3	15.35	567	63.4	10.92	-	-	-
Nevada	79	186.7	41.63	358	169.4	38.71	-	-	-
New Mexico	-	-	-	1,419	127.1	23.37	-	-	-
Utah	1,099	106.0	24.04	184	130.9	30.88	-	-	-
Wyoming	687	62.2	10.16	934	102.3	19.29	-	-	-
Pacific	23	124.6	21.07	401	164.1	26.58	-	-	-
California	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	23	124.6	21.07	401	164.1	26.58	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U. S. Total	17,393	139.9	25.53	18,330	152.1	31.19	7,758	160.7	35.47

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 24. Receipts of Coal and Average Cost by Sulfur Content,
Census Division and State, May 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		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)		(Cents per 10 ⁶ Btu)
New England	10	174.4	45.47	28	173.4	46.57	-	-	-	182.8	48.01
Connecticut	-	-	-	-	-	-	-	-	-	212.0	55.98
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	10	174.4	45.47	-	-	-	-	-	-	174.1	45.64
New Hampshire	-	-	-	28	173.4	46.57	-	-	-	183.6	48.35
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,356	151.4	37.17	1,804	153.6	38.50	557	149.0	36.15	153.3	37.84
New Jersey	-	-	-	38	176.0	46.97	-	-	-	176.8	48.27
New York	302	157.8	40.59	455	146.2	38.16	-	-	-	158.8	40.67
Pennsylvania	1,053	149.4	36.19	1,311	155.6	38.38	557	149.0	36.15	150.5	36.61
East North Central	719	140.4	34.34	2,836	140.8	32.25	3,637	148.4	33.18	153.5	33.51
Illinois	165	118.5	27.39	463	134.7	29.83	892	151.8	32.57	172.5	37.45
Indiana	65	104.5	24.04	1,089	126.7	27.97	1,252	136.9	30.15	140.2	29.28
Michigan	-	-	-	84	148.4	34.92	19	206.9	48.45	163.6	36.07
Ohio	271	150.4	37.31	962	150.9	36.42	1,475	155.0	35.93	155.4	36.97
Wisconsin	218	153.0	38.97	237	168.2	38.76	-	-	-	135.2	26.43
West North Central	359	94.1	15.90	700	146.8	32.66	642	143.7	31.68	117.0	20.40
Iowa	42	139.5	31.39	184	146.6	32.23	53	179.3	40.20	117.5	21.26
Kansas	-	-	-	60	164.0	37.12	5	120.8	29.35	127.1	22.63
Minnesota	12	164.8	36.00	-	-	-	-	-	-	137.7	24.21
Missouri	76	137.3	31.70	457	144.6	32.25	584	140.6	30.93	135.2	28.08
Nebraska	-	-	-	-	-	-	-	-	-	75.9	12.86
North Dakota	229	50.0	6.77	-	-	-	-	-	-	71.8	9.54
South Dakota	-	-	-	-	-	-	-	-	-	112.0	13.52
South Atlantic	1,226	162.0	40.35	1,666	166.9	40.64	1,047	137.4	33.48	168.4	41.76
Delaware	15	154.9	39.46	-	-	-	-	-	-	182.2	47.26
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	34	196.9	52.03	851	181.0	43.94	133	154.5	36.73	179.3	44.39
Georgia	237	168.0	42.15	489	167.2	39.52	237	155.2	34.09	172.8	41.62
Maryland	351	174.6	43.96	27	153.0	41.14	-	-	-	164.6	41.77
North Carolina	-	-	-	-	-	-	-	-	-	185.0	46.08
South Carolina	96	180.2	44.73	-	-	-	-	-	-	175.1	44.18
Virginia	-	-	-	-	-	-	-	-	-	156.5	39.59
West Virginia	494	143.9	35.29	299	129.7	33.03	677	128.9	32.63	147.4	36.75
East South Central	1,049	137.0	32.95	2,054	138.4	32.59	1,482	111.9	24.87	143.7	34.03
Alabama	265	166.4	40.05	516	172.9	41.80	156	117.8	27.29	181.9	44.04
Kentucky	165	125.9	29.25	599	113.6	26.11	1,316	111.0	24.55	120.7	27.91
Mississippi	-	-	-	230	149.1	36.11	9	127.8	29.72	162.0	40.31
Tennessee	619	127.3	30.90	709	129.4	30.22	-	-	-	138.2	32.95
West South Central	288	95.1	11.16	-	-	-	18	105.9	26.46	154.2	23.85
Arkansas	-	-	-	-	-	-	-	-	-	159.5	27.79
Louisiana	-	-	-	-	-	-	-	-	-	166.2	27.32
Oklahoma	21	142.4	34.70	-	-	-	18	105.9	26.46	137.5	24.71
Texas	267	86.9	9.35	-	-	-	-	-	-	154.6	22.66
Mountain	-	-	-	-	-	-	-	-	-	115.3	22.77
Arizona	-	-	-	-	-	-	-	-	-	153.7	31.92
Colorado	-	-	-	-	-	-	-	-	-	104.9	20.79
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	63.6	10.94
Nevada	-	-	-	-	-	-	-	-	-	172.5	39.24
New Mexico	-	-	-	-	-	-	-	-	-	127.1	23.37
Utah	-	-	-	-	-	-	-	-	-	109.7	25.02
Wyoming	-	-	-	-	-	-	-	-	-	86.7	15.42
Pacific	-	-	-	-	-	-	-	-	-	161.9	26.29
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	161.9	26.29
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	5,006	144.8	33.66	9,088	148.4	35.18	7,383	139.1	31.63	147.5	30.99

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 25. Receipts of Petroleum by Type of Petroleum, Census Division, and State,
May 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	4	25	-	-	-	-	5,381	34,149	5,385	34,175
Connecticut	2	12	-	-	-	-	1,699	10,781	1,701	10,793
Maine	-	2	-	-	-	-	832	5,221	832	5,223
Massachusetts	1	9	-	-	-	-	2,486	15,757	2,487	15,766
New Hampshire	-	2	-	-	-	-	364	2,391	365	2,394
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	37	216	-	-	-	-	4,762	29,964	4,799	30,180
New Jersey	-	2	-	-	-	-	381	2,373	381	2,375
New York	20	115	-	-	-	-	4,005	25,206	4,025	25,321
Pennsylvania	17	99	-	-	-	-	376	2,385	393	2,484
East North Central	135	783	-	-	-	-	179	1,119	314	1,903
Illinois	21	121	-	-	-	-	39	245	60	367
Indiana	32	187	-	-	-	-	-	-	32	187
Michigan	39	225	-	-	-	-	140	874	179	1,099
Ohio	24	141	-	-	-	-	-	-	24	141
Wisconsin	19	109	-	-	-	-	-	-	19	109
West North Central	15	85	-	-	-	-	-	-	15	85
Iowa	1	5	-	-	-	-	-	-	1	5
Kansas	-	1	-	-	-	-	-	-	-	1
Minnesota	5	28	-	-	-	-	-	-	5	28
Missouri	1	7	-	-	-	-	-	-	1	7
Nebraska	-	-	-	-	-	-	-	-	-	-
North Dakota	5	29	-	-	-	-	-	-	5	29
South Dakota	2	14	-	-	-	-	-	-	2	14
South Atlantic	219	1,276	38	229	-	-	3,863	24,504	4,120	26,009
Delaware	7	40	-	-	-	-	303	1,931	310	1,970
District of Columbia	1	6	38	229	-	-	-	-	39	235
Florida	83	490	-	-	-	-	3,287	20,860	3,370	21,350
Georgia	32	185	-	-	-	-	-	-	32	185
Maryland	32	183	-	-	-	-	273	1,713	305	1,896
North Carolina	18	103	-	-	-	-	-	-	18	103
South Carolina	5	30	-	-	-	-	-	-	5	30
Virginia	8	45	-	-	-	-	-	-	8	45
West Virginia	33	195	-	-	-	-	-	-	33	195
East South Central	37	214	-	-	-	-	23	145	60	359
Alabama	7	39	-	-	-	-	-	-	7	39
Kentucky	19	110	-	-	-	-	-	-	19	110
Mississippi	8	45	-	-	-	-	23	145	31	190
Tennessee	3	19	-	-	-	-	-	-	3	19
West South Central	49	287	-	-	-	-	13	83	62	370
Arkansas	17	97	-	-	-	-	-	-	17	97
Louisiana	11	64	-	-	-	-	8	53	19	117
Oklahoma	-	2	-	-	-	-	-	-	-	2
Texas	21	123	-	-	-	-	5	30	26	153
Mountain	48	282	-	-	-	-	26	161	74	443
Arizona	20	115	-	-	-	-	-	-	20	115
Colorado	2	12	-	-	-	-	-	-	2	12
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	7	41	-	-	-	-	-	-	7	41
Nevada	2	12	-	-	-	-	26	161	28	173
New Mexico	5	29	-	-	-	-	-	-	5	29
Utah	4	24	-	-	-	-	-	-	4	24
Wyoming	9	50	-	-	-	-	-	-	9	50
Pacific	4	24	-	-	-	-	11	71	15	94
California	-	-	-	-	-	-	11	71	11	71
Oregon	-	-	-	-	-	-	-	-	-	-
Washington	4	24	-	-	-	-	-	-	4	24
Pacific Noncontiguous	-	-	-	-	-	-	707	4,438	707	4,438
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	707	4,438	707	4,438
U. S. Total	548	3,192	38	229	-	-	14,965	94,635	15,551	98,056

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 26. Receipts of Petroleum and Average Cost by Census Division and State

Census Division and State	May 1990 ¹		May 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	5,385	34,175	4,534	28,822	163,755	185,300	280.9	261.8
Connecticut	1,701	10,793	1,791	11,299	48,722	64,447	290.4	280.2
Maine	832	5,223	-	-	13,935	13,734	274.8	270.7
Massachusetts	2,487	15,766	1,922	12,174	85,473	86,252	283.4	256.1
New Hampshire	365	2,394	627	4,122	13,634	17,495	227.4	215.0
Rhode Island	-	-	193	1,227	1,990	3,372	354.4	260.6
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	4,799	30,180	6,045	38,190	208,739	256,235	346.1	288.5
New Jersey	381	2,375	770	4,837	13,117	33,921	347.1	294.6
New York	4,025	25,321	4,538	28,696	176,901	185,696	347.3	288.5
Pennsylvania	393	2,484	737	4,657	18,720	36,619	334.2	283.3
East North Central	314	1,903	623	3,796	11,394	15,294	371.8	322.7
Illinois	60	367	101	1,195	3,528	6,093	396.1	330.5
Indiana	32	187	50	286	872	859	451.3	398.2
Michigan	179	1,099	341	2,074	5,073	5,677	326.1	298.0
Ohio	24	141	41	239	1,764	2,455	412.3	329.0
Wisconsin	19	109	-	1	157	210	405.0	378.4
West North Central	15	85	57	348	796	1,074	408.8	337.3
Iowa	1	5	3	20	116	126	446.5	396.5
Kansas	-	1	5	29	141	166	424.7	413.8
Minnesota	5	28	1	7	69	51	443.8	436.3
Missouri	1	7	3	19	350	174	384.5	301.5
Nebraska	-	-	32	205	-	307	-	218.7
North Dakota	5	29	7	41	91	223	378.8	399.3
South Dakota	2	14	5	28	29	28	484.7	467.1
South Atlantic	4,120	26,009	7,563	47,512	111,889	176,507	287.7	276.3
Delaware	310	1,970	72	440	5,723	9,177	278.6	267.1
District of Columbia	39	235	49	294	970	1,562	383.1	325.7
Florida	3,370	21,350	5,709	36,065	75,321	113,525	267.9	274.1
Georgia	32	185	32	192	591	504	511.5	372.3
Maryland	305	1,896	321	2,026	18,190	24,531	315.0	265.6
North Carolina	18	103	16	93	644	434	462.8	385.4
South Carolina	5	30	5	26	181	172	519.9	391.3
Virginia	8	45	1,313	8,108	9,566	25,288	340.2	283.9
West Virginia	33	195	46	269	704	1,312	521.2	439.2
East South Central	60	359	192	1,198	1,761	6,694	343.3	282.2
Alabama	7	39	8	49	210	347	442.3	396.4
Kentucky	19	110	18	106	308	413	500.9	459.6
Mississippi	31	190	153	970	1,197	5,627	282.6	256.3
Tennessee	3	19	13	73	47	307	417.2	388.9
West South Central	62	370	71	411	3,650	6,400	475.6	359.0
Arkansas	17	97	24	140	403	768	477.8	373.3
Louisiana	19	117	7	43	346	845	442.9	452.2
Oklahoma	-	2	6	33	2	69	401.8	390.2
Texas	26	153	34	195	2,899	4,717	479.3	339.5
Mountain	74	443	87	525	2,727	3,537	389.6	299.2
Arizona	20	115	31	181	1,120	626	420.1	401.1
Colorado	2	12	-	-	105	19	494.6	385.2
Idaho	-	-	-	-	-	-	-	-
Montana	7	41	4	24	95	71	464.9	412.6
Nevada	28	173	36	224	977	2,250	305.6	240.6
New Mexico	5	29	3	19	109	161	454.3	392.8
Utah	4	24	6	35	71	112	449.3	415.5
Wyoming	9	50	7	42	251	298	462.8	400.5
Pacific Contiguous	15	94	1,224	7,471	49,344	29,161	423.2	314.9
California	11	71	1,220	7,447	49,265	28,876	423.1	314.9
Oregon	-	-	-	-	-	48	-	427.8
Washington	4	24	4	24	79	237	509.9	290.6
Pacific Noncontiguous	707	4,438	815	5,074	23,725	25,068	396.8	318.0
Alaska	-	-	-	-	-	-	-	-
Hawaii	707	4,438	815	5,074	23,725	25,068	396.8	318.0
U.S. Total	15,551	98,056	21,211	133,348	577,780	705,270	326.6	282.0

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 May 1990 petroleum coke receipts were 65,600 short tons and the cost was 77.8 cents per million Btu.

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

**Table 27. Receipts of Petroleum and Average Cost by Type of Petroleum,
Census Division and State, May 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	4,933	234.2	14.87	448	221.3	13.96	425.4	24.75	-	-	233.1	14.80
Connecticut	1,609	240.6	15.28	90	230.1	14.46	417.8	24.31	-	-	240.1	15.23
Maine	832	245.2	15.39	-	-	-	377.7	22.15	-	-	245.2	15.39
Massachusetts	2,128	232.6	14.75	358	219.0	13.83	452.9	26.27	-	-	230.6	14.62
New Hampshire	364	192.1	12.61	-	-	-	408.3	23.77	-	-	192.1	12.61
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	3,546	245.8	15.49	1,216	266.2	16.68	443.5	25.93	-	-	251.0	15.79
New Jersey	381	271.3	16.90	-	-	-	395.9	22.99	-	-	271.3	16.90
New York	2,796	244.8	15.44	1,209	266.2	16.68	451.6	26.44	-	-	251.2	15.81
Pennsylvania	369	227.6	14.44	7	273.2	17.12	435.0	25.39	-	-	228.4	14.49
East North Central	39	283.5	17.92	140	291.4	18.21	413.2	23.98	-	-	289.6	18.15
Illinois	39	283.5	17.92	-	-	-	425.9	24.76	-	-	283.5	17.92
Indiana	-	-	-	-	-	-	411.5	23.76	-	-	-	-
Michigan	-	-	-	140	291.4	18.21	415.3	24.13	-	-	291.4	18.21
Ohio	-	-	-	-	-	-	421.9	24.37	-	-	-	-
Wisconsin	-	-	-	-	-	-	386.2	22.65	-	-	-	-
West North Central	-	-	-	-	-	-	428.0	24.93	-	-	-	-
Iowa	-	-	-	-	-	-	409.4	24.02	-	-	-	-
Kansas	-	-	-	-	-	-	431.2	24.99	-	-	-	-
Minnesota	-	-	-	-	-	-	420.7	24.40	-	-	-	-
Missouri	-	-	-	-	-	-	460.9	27.29	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	431.8	25.01	-	-	-	-
South Dakota	-	-	-	-	-	-	424.3	24.05	-	-	-	-
South Atlantic	2,245	230.1	14.62	1,618	238.5	15.10	418.8	24.44	311.6	18.81	233.6	14.82
Delaware	303	231.9	14.77	-	-	-	425.3	24.42	-	-	231.9	14.77
District of Columbia	-	-	-	-	-	-	392.2	22.66	311.6	18.81	-	-
Florida	1,669	229.1	14.58	1,618	238.5	15.10	405.6	23.81	-	-	233.8	14.84
Georgia	-	-	-	-	-	-	421.2	24.41	-	-	-	-
Maryland	273	234.0	14.68	-	-	-	418.6	24.29	-	-	234.0	14.68
North Carolina	-	-	-	-	-	-	404.6	23.48	-	-	-	-
South Carolina	-	-	-	-	-	-	415.1	24.06	-	-	-	-
Virginia	-	-	-	-	-	-	396.5	23.20	-	-	-	-
West Virginia	-	-	-	-	-	-	463.1	27.08	-	-	-	-
East South Central	23	250.9	15.93	-	-	-	430.1	25.06	-	-	250.9	15.93
Alabama	-	-	-	-	-	-	403.8	23.24	-	-	-	-
Kentucky	-	-	-	-	-	-	461.3	26.94	-	-	-	-
Mississippi	23	250.9	15.93	-	-	-	395.3	23.17	-	-	250.9	15.93
Tennessee	-	-	-	-	-	-	386.1	22.44	-	-	-	-
West South Central	9	330.0	20.71	4	285.0	18.18	452.6	26.35	-	-	314.9	19.87
Arkansas	-	-	-	-	-	-	487.9	28.11	-	-	-	-
Louisiana	4	306.3	19.37	4	285.0	18.18	449.1	26.63	-	-	295.1	18.75
Oklahoma	-	-	-	-	-	-	401.8	23.25	-	-	-	-
Texas	5	350.0	21.83	-	-	-	427.8	24.85	-	-	350.0	21.83
Mountain	26	303.6	18.95	-	-	-	481.3	28.01	-	-	303.6	18.95
Arizona	-	-	-	-	-	-	489.9	28.50	-	-	-	-
Colorado	-	-	-	-	-	-	433.6	24.95	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	473.4	28.04	-	-	-	-
Nevada	26	303.6	18.95	-	-	-	492.5	28.65	-	-	303.6	18.95
New Mexico	-	-	-	-	-	-	487.6	27.85	-	-	-	-
Utah	-	-	-	-	-	-	461.9	27.16	-	-	-	-
Wyoming	-	-	-	-	-	-	482.5	27.93	-	-	-	-
Pacific	11	259.8	16.50	-	-	-	520.2	30.81	-	-	259.8	16.50
California	11	259.8	16.50	-	-	-	-	-	-	-	259.8	16.50
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	520.2	30.81	-	-	-	-
Pacific Noncontiguous	707	334.8	21.01	-	-	-	-	-	-	-	334.8	21.01
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	707	334.8	21.01	-	-	-	-	-	-	-	334.8	21.01
U. S. Total	11,539	243.5	15.42	3,426	248.2	15.64	429.5	25.01	311.6	18.81	244.6	15.47

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 28. Receipts of Heavy Oil and Average Cost by Sulfur Content, Census Division and State, May 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	-	-	-	312	265.6	16.76	2,609	237.5	15.02
Connecticut	-	-	-	311	265.5	16.76	1,388	234.4	14.89
Maine	-	-	-	-	-	-	710	253.0	15.84
Massachusetts	-	-	-	1	273.3	17.23	512	224.7	14.23
New Hampshire	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	2,310	272.5	16.98	109	264.4	16.67	1,089	234.6	14.81
New Jersey	373	271.6	16.91	-	-	-	8	257.7	16.38
New York	1,937	272.7	16.99	35	289.7	18.14	779	239.0	15.06
Pennsylvania	-	-	-	74	252.6	15.98	302	222.5	14.12
East North Central	-	-	-	-	-	-	179	289.6	18.15
Illinois	-	-	-	-	-	-	39	283.5	17.92
Indiana	-	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	140	291.4	18.21
Ohio	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
South Atlantic	-	-	-	-	-	-	2,164	238.0	15.10
Delaware	-	-	-	-	-	-	259	231.0	14.72
District of Columbia	-	-	-	-	-	-	38	311.6	18.81
Florida	-	-	-	-	-	-	1,594	238.2	15.15
Georgia	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	273	234.0	14.68
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	23	250.9	15.93	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	23	250.9	15.93	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	-	-	-	-	-	-	6	342.0	21.37
Arkansas	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	1	303.9	19.21
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	5	350.0	21.83
Mountain	26	303.6	18.95	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	26	303.6	18.95	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific	11	259.8	16.50	-	-	-	-	-	-
California	11	259.8	16.50	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	707	334.8	21.01	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	707	334.8	21.01	-	-	-
U. S. Total	2,370	272.5	16.99	1,128	308.8	19.41	6,047	238.8	15.11

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 28. Receipts of Heavy Oil and Average Cost by Sulfur Content, Census Division and State, May 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 ⁴ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁴ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁴ Btu)	(\$ per bbl)	(Cents per 10 ⁴ Btu)	(\$ per bbl)
New England	922	255.0	16.49	1,537	205.7	13.00	-	-	-	233.1	14.80
Connecticut	-	-	-	-	-	-	-	-	-	240.1	15.23
Maine	-	-	-	122	200.0	12.75	-	-	-	245.2	15.39
Massachusetts	557	297.2	19.03	1,416	206.2	13.02	-	-	-	230.6	14.62
New Hampshire	364	192.1	12.61	-	-	-	-	-	-	192.1	12.61
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,254	225.3	14.38	-	-	-	-	-	-	251.0	15.79
New Jersey	-	-	-	-	-	-	-	-	-	271.3	16.90
New York	1,254	225.3	14.38	-	-	-	-	-	-	251.2	15.81
Pennsylvania	-	-	-	-	-	-	-	-	-	228.4	14.49
East North Central	-	-	-	-	-	-	-	-	-	289.6	18.15
Illinois	-	-	-	-	-	-	-	-	-	283.5	17.92
Indiana	-	-	-	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-	-	291.4	18.21
Ohio	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-
West North Central	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	1,481	232.5	14.73	256	213.9	13.53	-	-	-	234.4	14.86
Delaware	44	237.0	15.08	-	-	-	-	-	-	231.9	14.77
District of Columbia	-	-	-	-	-	-	-	-	-	311.6	18.81
Florida	1,437	232.3	14.72	256	213.9	13.53	-	-	-	233.8	14.84
Georgia	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	234.0	14.68
North Carolina	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-	-	250.9	15.93
Alabama	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	250.9	15.93
Tennessee	-	-	-	-	-	-	-	-	-	-	-
West South Central	7	293.9	18.69	-	-	-	-	-	-	314.9	19.87
Arkansas	-	-	-	-	-	-	-	-	-	-	-
Louisiana	7	293.9	18.69	-	-	-	-	-	-	295.1	18.75
Oklahoma	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	350.0	21.83
Mountain	-	-	-	-	-	-	-	-	-	303.6	18.95
Arizona	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	303.6	18.95
New Mexico	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-
Pacific	-	-	-	-	-	-	-	-	-	259.8	16.50
California	-	-	-	-	-	-	-	-	-	259.8	16.50
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	334.8	21.01
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	334.8	21.01
U. S. Total	3,664	235.9	15.06	1,793	206.9	13.07	-	-	-	244.8	15.48

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 29. Receipts of Gas by Type of Gas, Census Division, and State, May 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	7,773	8,140	-	-	-	-	7,773	8,140
Connecticut	190	197	-	-	-	-	190	197
Maine	-	-	-	-	-	-	-	-
Massachusetts	7,079	7,424	-	-	-	-	7,079	7,424
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	504	519	-	-	-	-	504	519
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	19,514	20,186	-	-	-	-	19,514	20,186
New Jersey	1,365	1,413	-	-	-	-	1,365	1,413
New York	18,130	18,755	-	-	-	-	18,130	18,755
Pennsylvania	18	19	-	-	-	-	18	19
East North Central	1,738	1,757	1,326	103	-	-	3,064	1,861
Illinois	569	581	-	-	-	-	569	581
Indiana	609	610	-	-	-	-	609	610
Michigan	318	322	1,326	103	-	-	1,644	426
Ohio	32	33	-	-	-	-	32	33
Wisconsin	210	211	-	-	-	-	210	211
West North Central	2,734	2,689	-	-	-	-	2,734	2,689
Iowa	254	255	-	-	-	-	254	255
Kansas	1,808	1,780	-	-	-	-	1,808	1,780
Minnesota	262	263	-	-	-	-	262	263
Missouri	53	55	-	-	-	-	53	55
Nebraska	357	337	-	-	-	-	357	337
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	16,366	16,582	-	-	-	-	16,366	16,582
Delaware	328	345	-	-	-	-	328	345
District of Columbia	-	-	-	-	-	-	-	-
Florida	15,442	15,618	-	-	-	-	15,442	15,618
Georgia	74	76	-	-	-	-	74	76
Maryland	499	520	-	-	-	-	499	520
North Carolina	-	-	-	-	-	-	-	-
South Carolina	12	13	-	-	-	-	12	13
Virginia	-	-	-	-	-	-	-	-
West Virginia	10	10	-	-	-	-	10	10
East South Central	3,099	3,215	-	-	-	-	3,099	3,215
Alabama	323	334	-	-	-	-	323	334
Kentucky	10	10	-	-	-	-	10	10
Mississippi	2,766	2,870	-	-	-	-	2,766	2,870
Tennessee	-	-	-	-	-	-	-	-
West South Central	130,816	135,647	-	-	-	-	130,816	135,647
Arkansas	2,611	2,654	-	-	-	-	2,611	2,654
Louisiana	19,928	20,726	-	-	-	-	19,928	20,726
Oklahoma	11,868	12,403	-	-	-	-	11,868	12,403
Texas	96,409	99,863	-	-	-	-	96,409	99,863
Mountain	6,612	6,816	-	-	-	-	6,612	6,816
Arizona	1,396	1,446	-	-	-	-	1,396	1,446
Colorado	254	250	-	-	-	-	254	250
Idaho	-	-	-	-	-	-	-	-
Montana	26	32	-	-	-	-	26	32
Nevada	2,314	2,392	-	-	-	-	2,314	2,392
New Mexico	2,614	2,688	-	-	-	-	2,614	2,688
Utah	-	-	-	-	-	-	-	-
Wyoming	7	7	-	-	-	-	7	7
Pacific	30,185	31,138	-	-	-	-	30,185	31,138
California	30,185	31,138	-	-	-	-	30,185	31,138
Oregon	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U. S. Total	218,838	226,169	1,326	103	-	-	220,164	226,273

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

Census Division and State	May 1990 ¹		May 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	7,773	8,140	5,385	5,560	15,851	12,858	219.4	249.0
Connecticut	190	197	761	783	199	1,374	215.0	265.7
Maine	-	-	-	-	-	-	-	-
Massachusetts	7,079	7,424	4,383	4,528	14,614	11,148	220.2	246.4
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	504	519	242	249	1,038	336	208.4	267.1
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	19,514	20,186	26,368	27,057	70,204	76,086	240.1	243.4
New Jersey	1,365	1,413	4,180	4,309	6,041	13,477	232.0	254.2
New York	18,130	18,755	22,179	22,738	64,171	62,499	240.8	240.9
Pennsylvania	18	19	10	10	82	110	296.9	371.7
East North Central	3,064	1,861	2,797	1,403	6,797	5,782	270.7	286.7
Illinois	569	581	548	553	2,022	2,042	312.7	335.4
Indiana	609	610	446	446	2,482	2,120	265.1	268.1
Michigan	1,644	426	1,559	159	1,556	869	202.5	181.8
Ohio	32	33	124	124	163	199	376.0	317.6
Wisconsin	210	211	120	120	575	532	301.7	333.9
West North Central	2,734	2,689	1,222	1,202	7,380	5,702	211.0	240.7
Iowa	254	255	165	166	796	792	311.9	279.5
Kansas	1,808	1,780	830	812	4,721	3,155	197.0	230.7
Minnesota	262	263	84	84	853	656	200.9	225.9
Missouri	53	55	68	68	198	241	263.0	244.8
Nebraska	357	337	74	72	812	858	190.8	252.0
North Dakota	-	-	-	-	-	-	388.5	383.9
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	16,366	16,582	18,348	18,688	67,873	73,550	245.1	250.3
Delaware	328	345	145	149	1,782	2,319	282.4	254.8
District of Columbia	-	-	-	-	-	-	-	-
Florida	15,442	15,618	14,997	15,179	63,861	62,341	242.7	248.3
Georgia	74	76	35	36	156	199	341.4	315.4
Maryland	499	520	2,376	2,498	1,968	7,002	271.3	260.2
North Carolina	-	-	-	-	-	-	-	-
South Carolina	12	13	12	12	39	145	420.4	248.6
Virginia	-	-	770	801	-	1,494	-	263.8
West Virginia	10	10	13	13	67	51	522.1	446.7
East South Central	3,099	3,215	5,683	5,807	10,963	12,687	188.8	179.3
Alabama	323	334	189	194	1,098	665	215.0	217.8
Kentucky	10	10	24	24	118	122	332.1	290.6
Mississippi	2,766	2,870	5,470	5,589	9,747	11,900	184.1	176.0
Tennessee	-	-	-	-	-	-	-	-
West South Central	130,816	135,647	134,289	138,815	475,934	536,692	216.1	215.1
Arkansas	2,611	2,654	1,265	1,307	5,780	10,579	154.6	147.8
Louisiana	19,028	20,726	22,976	23,945	74,192	75,641	163.4	166.8
Oklahoma	11,868	12,403	16,303	16,960	51,961	62,680	326.4	291.7
Texas	96,409	99,863	93,745	96,602	344,000	387,792	211.8	213.9
Mountain	6,612	6,816	6,642	6,790	23,572	28,846	211.7	209.2
Arizona	1,396	1,446	2,459	2,531	4,864	8,721	250.5	216.6
Colorado	254	250	202	199	879	3,356	220.0	217.6
Idaho	-	-	-	-	-	-	-	-
Montana	26	32	31	37	148	189	140.5	96.1
Nevada	2,315	2,392	1,706	1,753	8,112	6,531	199.1	194.8
New Mexico	2,614	2,688	2,238	2,264	9,399	10,019	198.1	211.1
Utah	-	-	-	-	141	-	503.5	-
Wyoming	7	7	6	6	28	31	348.7	362.7
Pacific Contiguous	30,185	31,138	26,124	27,103	149,455	158,321	319.0	288.4
California	30,185	31,138	26,124	27,103	149,455	158,321	319.0	288.4
Oregon	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	220,164	226,273	226,859	232,426	828,120	910,504	239.1	233.4

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 31. Receipts of Gas and Average Cost by Type of Purchase, Census Division and State, May 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	9	250.0	2.58	7,574	217.5	2.28	190	211.4	2.19	7,773	217.4	2.28
Connecticut	-	-	-	-	-	-	190	211.4	2.19	190	211.4	2.19
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	9	250.0	2.58	7,070	218.7	2.29	-	-	-	7,079	218.7	2.29
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	504	201.1	2.07	-	-	-	504	201.1	2.07
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	7,560	198.1	2.05	8,899	231.3	2.39	3,055	208.7	2.13	19,514	214.8	2.22
New Jersey	-	-	-	1,365	221.5	2.29	-	-	-	1,365	221.5	2.29
New York	7,560	198.1	2.05	7,515	232.9	2.41	3,055	206.7	2.13	18,130	214.0	2.21
Pennsylvania	-	-	-	18	285.7	2.95	-	-	-	18	285.7	2.95
East North Central	899	244.3	2.46	2,188	245.5	1.08	-	-	-	3,064	244.9	1.49
Illinois	125	369.3	3.77	444	243.5	2.49	-	-	-	569	271.1	2.77
Indiana	608	234.1	2.35	1	320.0	3.29	-	-	-	609	234.2	2.35
Michigan	155	179.0	1.81	1,489	203.9	1.37	-	-	-	1,644	194.7	1.50
Ohio	2	330.1	3.38	30	321.4	3.26	-	-	-	32	321.9	3.28
Wisconsin	9	279.9	2.82	201	293.5	2.96	-	-	-	210	292.9	2.95
West North Central	38	258.8	2.54	2,587	173.9	1.71	129	178.2	1.80	2,734	175.3	1.72
Iowa	20	335.6	3.44	234	196.9	1.97	-	-	-	254	208.1	2.09
Kansas	6	138.9	1.12	1,802	168.0	1.66	-	-	-	1,808	167.9	1.65
Minnesota	-	-	-	133	181.5	1.82	129	178.2	1.80	262	179.9	1.81
Missouri	-	-	-	53	226.6	2.32	-	-	-	53	226.6	2.32
Nebraska	13	170.4	1.78	345	177.5	1.67	-	-	-	357	177.5	1.67
North Dakota	-	-	-	-	388.5	3.92	-	-	-	-	388.5	3.92
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	266	239.4	2.45	16,100	217.7	2.21	-	-	-	16,366	218.0	2.21
Delaware	-	-	-	328	206.3	2.17	-	-	-	328	206.3	2.17
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	256	236.8	2.43	15,187	216.2	2.19	-	-	-	15,442	216.5	2.19
Georgia	11	302.9	3.11	64	329.0	3.38	-	-	-	74	325.3	3.34
Maryland	-	-	-	499	243.0	2.53	-	-	-	499	243.0	2.53
North Carolina	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	12	383.8	3.95	-	-	-	12	383.8	3.95
Virginia	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	10	645.1	6.45	-	-	-	10	645.1	6.45
East South Central	513	167.1	1.79	2,579	173.3	1.79	8	324.6	3.33	3,099	172.6	1.79
Alabama	-	-	-	323	192.5	1.99	-	-	-	323	192.5	1.99
Kentucky	-	-	-	2	263.2	2.63	8	324.6	3.33	10	312.6	3.19
Mississippi	513	167.1	1.79	2,253	170.5	1.76	-	-	-	2,766	169.8	1.76
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	90,937	195.9	2.03	39,880	187.3	1.94	-	-	-	130,816	193.3	2.00
Arkansas	259	86.3	.99	2,352	156.9	1.57	-	-	-	2,611	149.0	1.51
Louisiana	6,188	132.9	1.38	11,740	176.3	1.83	-	-	-	19,928	158.5	1.65
Oklahoma	4,408	310.6	3.29	7,460	281.4	2.92	-	-	-	11,868	292.4	3.06
Texas	78,081	196.3	2.04	18,327	159.6	1.65	-	-	-	96,409	189.3	1.96
Mountain	1,134	200.3	2.06	5,479	184.8	1.91	-	-	-	6,612	187.5	1.93
Arizona	349	221.3	2.29	1,047	222.5	2.31	-	-	-	1,396	222.2	2.30
Colorado	52	259.4	2.55	203	205.5	2.02	-	-	-	254	216.5	2.13
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	24	110.3	1.34	2	372.0	4.19	-	-	-	26	132.5	1.60
Nevada	-	-	-	2,314	174.0	1.80	-	-	-	2,314	174.0	1.80
New Mexico	709	189.4	1.93	1,905	174.5	1.80	-	-	-	2,614	178.5	1.84
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	7	312.0	3.23	-	-	-	7	312.0	3.23
Pacific	-	-	-	30,185	300.9	3.10	-	-	-	30,185	300.9	3.10
California	-	-	-	30,185	300.9	3.10	-	-	-	30,185	300.9	3.10
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U. S. Total	101,355	196.5	2.04	115,426	226.8	2.31	3,382	206.1	2.13	220,164	212.4	2.18

* = Number less than 0.05 rounded to zero.

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

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

Sales/Average Revenue per Kilowatthour

*Electricity sales are recorded on
these meters for later billing.*

Table 32. Sales of Electricity by Sector
(Million Kilowatthours)

Year and Month	Residential		Commercial		Industrial		Other ¹		U.S. Total	
	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³
1980	717,495		488,155		815,067		73,732		2,094,449	
1981	722,265		514,338		825,743		84,756		2,147,103	
1982	729,520		526,397		744,949		85,575		2,086,441	
1983	750,948		543,788		775,999		80,219		2,150,955	
1984	777,654	780,092	578,281	582,621	840,588	837,836	81,849	85,248	2,278,372	2,285,796
1985	790,977	793,934	608,968	605,989	824,523	836,772	85,075	87,279	2,309,543	2,323,974
1986	817,663	819,088	641,469	630,520	808,292	830,531	83,409	88,615	2,350,835	2,368,753
1987	849,613	850,410	673,707	660,433	845,266	858,233	86,854	88,196	2,455,440	2,457,272
1988	892,125	892,866	697,711	699,100	895,751	896,498	82,362	89,598	2,567,949	2,578,062
1989	904,499		723,785		914,834		90,715		2,633,833	
1988										
January	89,508		57,543		70,989		6,881		224,921	
February	80,232		55,468		71,750		6,797		214,247	
March	71,406		53,886		72,487		6,577		204,356	
April	61,390		52,272		71,794		6,385		191,840	
May	57,569		52,911		73,782		6,438		190,700	
June	68,775		60,177		76,255		6,941		212,148	
July	87,007		66,067		76,304		7,246		236,625	
August	94,207		68,374		79,611		7,370		249,561	
September	77,531		63,159		77,573		7,159		225,421	
October	63,761		57,358		76,560		6,982		204,661	
November	63,629		53,889		74,147		6,654		198,319	
December	77,111		56,607		74,500		6,933		215,151	
1989⁴										
January	85,616		59,397		72,315		7,553		224,881	
February	78,189		57,508		71,003		7,141		213,841	
March	77,290		58,461		72,105		7,446		215,301	
April	64,685		54,786		74,168		7,074		200,713	
May	61,065		55,997		76,330		7,258		200,651	
June	71,470		62,476		78,376		7,733		220,054	
July	85,893		67,185		77,780		8,022		238,879	
August	86,100		67,647		80,488		8,025		242,262	
September	78,684		64,953		78,764		7,811		230,211	
October	65,248		58,843		79,760		7,535		211,386	
November	64,815		56,167		76,950		7,374		205,306	
December	85,444		60,366		76,795		7,744		230,348	
1990⁴										
January	95,225		62,009		74,879		8,012		240,125	
February	74,348		56,672		74,366		7,542		212,928	
March	71,633		57,684		76,544		7,506		213,367	
April	65,032		56,097		75,998		7,305		204,431	
May	62,715		58,541		78,509		7,697		207,462	
June	73,496		64,073		79,950		7,861		225,379	
Year to Date										
1990 ⁴	442,449		355,075		460,246		45,923		1,303,693	
1989 ⁴	438,315		348,625		444,297		44,205		1,275,441	
1988	428,880		332,257		437,057		40,018		1,238,211	

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 are 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. •Refinement of sectorial definitions has resulted in some realignment of electricity sales to more appropriate sectors.

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 33. Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, June
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		Total Sales	
	1990	1989	1990	1989	1990	1989	1990	1989	1990	1989
New England	2,659	2,676	2,096	3,023	2,214	2,352	149	159	8,017	8,209
Connecticut	731	752	856	862	509	538	27	28	2,122	2,180
Maine	281	288	204	206	388	369	13	14	887	877
Massachusetts	1,100	1,115	1,466	1,483	829	914	81	91	3,476	3,604
New Hampshire	250	239	161	158	267	301	9	8	687	707
Rhode Island	170	169	193	198	112	122	15	14	490	503
Vermont	127	112	116	115	109	108	4	3	355	338
Middle Atlantic	6,977	7,242	8,366	8,576	7,904	8,060	1,155	1,127	24,403	25,006
New Jersey	1,570	1,694	2,281	2,332	1,298	1,385	33	32	5,182	5,443
New York	2,765	2,801	3,768	3,910	2,726	2,695	1,006	968	10,266	10,374
Pennsylvania	2,642	2,747	2,317	2,334	3,880	3,981	116	127	8,955	9,189
East North Central	10,081	9,913	9,183	9,256	16,733	15,346	1,199	1,359	37,196	35,874
Illinois	2,433	2,366	2,587	2,591	3,287	3,308	624	611	8,930	8,877
Indiana	1,613	1,621	1,304	1,357	3,097	2,924	51	52	6,065	5,955
Michigan	1,918	1,882	1,745	1,712	3,124	3,191	94	259	6,881	7,044
Ohio	2,848	2,814	2,459	2,550	5,597	4,403	376	380	11,281	10,146
Wisconsin	1,270	1,230	1,088	1,046	1,628	1,519	54	57	4,039	3,852
West North Central	5,332	5,048	4,353	4,152	5,421	5,280	420	395	15,526	14,875
Iowa	757	748	552	562	933	940	69	66	2,311	2,316
Kansas	795	689	815	749	717	671	27	28	2,354	2,138
Minnesota	1,096	1,010	681	614	1,885	1,876	66	66	3,728	3,566
Missouri	1,760	1,743	1,604	1,571	1,208	1,097	91	65	4,663	4,476
Nebraska	554	481	463	438	392	376	101	118	1,510	1,413
North Dakota	182	183	132	114	149	174	40	23	502	494
South Dakota	188	195	107	104	138	145	26	28	459	473
South Atlantic	17,428	17,452	13,379	12,995	13,052	13,145	1,483	1,431	45,342	45,023
Delaware	175	187	185	184	270	285	4	4	635	660
District of Columbia	97	110	421	430	265	273	25	24	808	837
Florida	6,704	6,484	4,582	4,421	1,383	1,467	406	389	13,075	12,760
Georgia	2,792	2,629	2,124	1,955	2,361	2,233	74	77	7,351	6,894
Maryland	1,253	1,359	832	828	1,565	1,617	50	48	3,699	3,851
North Carolina	2,346	2,411	1,993	1,937	2,749	2,819	135	140	7,223	7,307
South Carolina	1,373	1,437	1,046	1,012	2,178	2,258	73	73	4,670	4,781
Virginia	2,161	2,313	1,783	1,825	1,389	1,377	709	670	6,042	6,185
West Virginia	526	520	412	403	892	817	8	7	1,839	1,748
East South Central	6,188	5,868	2,973	2,678	9,708	8,708	389	382	19,257	17,637
Alabama	1,933	1,740	1,016	911	2,370	2,259	37	48	5,356	4,958
Kentucky	1,322	1,243	801	746	2,723	2,173	218	207	5,064	4,369
Mississippi	1,059	932	598	558	1,089	925	58	56	2,804	2,471
Tennessee	1,874	1,953	558	464	3,526	3,351	75	72	6,033	5,839
West South Central	12,812	11,751	8,483	8,263	11,273	10,943	1,286	1,110	33,054	32,066
Arkansas	869	801	545	524	820	800	58	56	2,292	2,181
Louisiana	2,212	2,101	1,247	1,261	2,212	2,127	242	284	5,913	5,773
Oklahoma	1,411	1,175	984	901	959	972	201	169	3,555	3,218
Texas	8,320	7,674	5,706	5,576	7,283	7,044	785	602	22,094	20,895
Mountain	3,892	3,696	4,552	4,341	4,503	4,621	645	564	13,593	13,221
Arizona	1,312	1,260	1,268	1,158	802	818	194	247	3,577	3,483
Colorado	721	697	1,187	1,079	478	539	71	65	2,458	2,380
Idaho	252	338	554	634	627	652	32	22	1,564	1,646
Montana	508	231	212	213	571	553	37	18	1,027	1,014
Nevada	570	494	339	337	564	444	84	55	1,558	1,330
New Mexico	298	276	418	400	359	386	122	91	1,196	1,153
Utah	312	292	398	349	487	510	78	57	1,275	1,209
Wyoming	120	109	176	169	614	719	27	9	938	1,006
Pacific Contiguous	7,836	7,538	9,454	8,872	8,783	9,588	1,117	1,192	27,190	27,190
California	5,002	4,860	7,326	6,549	4,372	4,979	803	848	17,502	17,237
Oregon	896	956	851	961	1,198	1,171	25	36	2,969	3,124
Washington	1,939	1,721	1,277	1,361	3,213	3,438	289	309	6,718	6,829
Pacific Noncontiguous	290	286	334	320	357	333	19	12	1,001	951
Alaska	108	106	154	142	36	36	14	8	312	292
Hawaii	183	180	180	178	322	297	5	5	689	659
U.S. Total	73,496	71,470	64,073	62,476	79,950	78,376	7,861	7,733	225,379	220,054

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

² Beginning in April 1989, definitional changes have been incorporated for the commercial and industrial end-use sectors for the municipals and cooperatives that buy power from the Tennessee Valley Authority.

Notes: •Data for 1989 and 1990 are 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 26 to 33 days and which frequently do not correspond exactly to a calendar month. •Refinement of sectorial definitions has resulted in some realignment of electricity sales to more appropriate sectors.

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

**Table 34. Estimated Coefficients of Variation of Sales of Electricity by Census Division, and State,
June 1990
(Percent)**

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	0.1	0.7	0.3	2.6	0.3
Connecticut	.1	.1	.3	.6	.1
Maine	.2	.1	.3	1.7	.2
Massachusetts	.2	1.4	.4	4.8	.6
New Hampshire	.3	1.1	2.0	1.4	.8
Rhode Island	.0	.0	.0	.0	.0
Vermont	1.3	.9	.2	15.3	.6
Middle Atlantic	.4	.2	.2	3.8	.2
New Jersey	.5	.1	.3	1.0	.2
New York	.0	.1	.0	4.4	.4
Pennsylvania	1.0	.5	.5	1.7	.4
East North Central	.5	.2	.6	.8	.3
Illinois	1.9	.6	1.3	.1	.7
Indiana	1.2	.2	.8	2.0	.5
Michigan	.2	.3	2.3	5.0	1.0
Ohio	.2	.1	.5	2.1	.3
Wisconsin	.2	.3	1.5	1.0	.6
West North Central	1.0	1.0	1.3	3.4	.6
Iowa	.4	1.2	.9	7.5	.5
Kansas	1.1	1.3	1.2	11.8	.7
Minnesota	1.1	1.7	.3	8.5	.5
Missouri	2.5	2.3	5.2	.0	1.8
Nebraska	4.6	.5	5.6	10.5	2.3
North Dakota	.8	.9	1.8	7.6	.9
South Dakota	.8	9.3	4.8	16.0	2.8
South Atlantic	.3	.3	.3	.4	.2
Delaware	.2	1.1	1.1	.1	.6
District of Columbia	.0	.0	.0	.0	.0
Florida	.3	.6	.4	.3	.3
Georgia	.6	.6	1.0	.1	.4
Maryland	1.2	.3	.3	3.3	.4
North Carolina	1.2	.5	.4	.1	.5
South Carolina	3.0	3.1	1.0	6.0	1.2
Virginia	.2	.6	1.3	.3	.3
West Virginia	.4	.8	.5	3.2	.3
East South Central³	.4	.4	.2	.8	.2
Alabama	.3	.1	.1	7.7	.1
Kentucky	1.6	1.1	.3	.5	.5
Mississippi	1.2	1.1	1.3	.8	.7
Tennessee	.0	.0	.0	.0	.0
West South Central	1.0	.5	.5	2.5	.4
Arkansas	1.2	.1	.3	5.2	.5
Louisiana	1.3	.6	.9	.5	.6
Oklahoma	1.9	1.3	2.7	6.3	1.2
Texas	1.4	.7	.7	3.7	.6
Mountain	.2	1.6	1.6	2.7	.8
Arizona	.1	.2	.4	2.0	.2
Colorado	.2	5.9	14.6	.7	4.0
Idaho	1.8	.2	.1	31.0	.8
Montana	1.8	1.9	.8	11.1	.8
Nevada	.1	.4	1.5	12.7	.9
New Mexico	.5	.7	3.2	.6	1.0
Utah	.3	2.7	1.4	5.4	1.0
Wyoming	1.5	4.4	.8	26.1	1.3
Pacific Contiguous	.3	3.2	4.2	1.9	1.8
California	.3	4.1	8.3	.1	2.7
Oregon	2.1	2.4	6.0	18.0	2.6
Washington	.4	2.2	.1	7.3	.5
Pacific Noncontiguous	.3	1.5	2.0	15.8	.9
Alaska	.8	3.4	19.8	21.1	3.0
Hawaii	.0	.0	.0	.0	.0
U.S. Total	.2	.5	.5	.8	.2

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

² Total includes all sectors.

³ Beginning in April 1989, definitional changes have been incorporated for the commercial and industrial end-use sectors for the municipalities and cooperatives that buy power from the Tennessee Valley Authority.

Notes: •For an explanation of coefficients of variation, see the technical notes. •These data are estimates. •Data for 1990 are preliminary. •Refinement of sectorial definitions has resulted in some realignment of electricity sales to more appropriate sectors.

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

Table 35. Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, January through June
(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	19,752	19,741	18,423	18,262	13,386	13,598	1,023	1,035	52,583	52,636
Connecticut	5,324	5,324	5,002	4,960	3,023	3,064	187	182	13,536	13,531
Maine	2,124	2,148	1,325	1,313	2,306	2,236	87	91	5,842	5,788
Massachusetts	8,220	8,207	9,145	9,056	4,943	5,188	569	596	22,878	23,046
New Hampshire	1,879	1,908	1,014	1,025	1,743	1,716	58	51	4,694	4,700
Rhode Island	1,218	1,206	1,202	1,172	697	709	96	96	3,212	3,183
Vermont	987	949	734	735	675	685	26	19	2,423	2,388
Middle Atlantic	49,120	48,842	50,118	49,546	45,654	46,656	7,169	6,650	152,061	151,694
New Jersey	9,418	9,816	12,801	12,718	7,283	7,755	233	231	29,735	30,520
New York	19,367	19,189	22,645	22,845	15,757	15,610	6,192	5,694	63,960	63,338
Pennsylvania	20,335	19,837	14,673	13,982	22,613	23,291	744	725	58,366	57,835
East North Central	66,030	65,587	53,535	52,511	97,712	89,509	7,401	8,322	224,679	215,929
Illinois	15,767	15,670	15,250	14,996	19,123	19,182	3,941	3,825	54,081	53,672
Indiana	10,682	10,687	7,401	7,586	17,421	16,637	319	322	35,823	35,232
Michigan	12,478	12,274	10,121	9,695	17,389	18,139	594	1,622	40,583	41,730
Ohio	18,867	19,032	14,601	14,305	34,427	26,392	2,197	2,187	70,092	61,917
Wisconsin	8,236	7,924	6,162	5,929	9,352	9,159	350	366	24,100	23,378
West North Central	33,447	32,171	23,687	23,428	31,021	30,389	2,470	2,346	90,624	88,333
Iowa	4,960	4,904	3,091	3,146	5,191	5,355	418	404	13,661	13,809
Kansas	4,128	4,023	4,224	4,118	3,909	3,765	155	183	12,416	12,088
Minnesota	7,512	7,265	3,970	3,796	11,434	11,007	407	358	23,323	22,427
Missouri	10,462	9,522	8,390	8,452	6,753	6,278	528	399	26,133	24,752
Nebraska	3,308	3,171	2,424	2,435	2,027	2,067	540	665	8,299	8,338
North Dakota	1,645	1,695	902	812	938	1,091	235	168	3,719	3,766
South Dakota	1,432	1,491	666	669	768	824	186	169	3,072	3,153
South Atlantic	98,874	96,957	72,168	69,277	74,438	73,789	8,312	8,035	253,793	248,058
Delaware	1,315	1,280	1,131	1,067	1,617	1,556	26	25	4,089	3,928
District of Columbia	705	702	2,412	2,339	1,409	1,364	155	152	4,682	4,557
Florida	32,142	30,247	24,020	23,004	8,045	8,305	2,140	2,049	66,347	63,605
Georgia	13,145	12,621	10,713	10,130	13,223	12,885	505	434	37,586	36,070
Maryland	9,453	9,402	4,962	4,765	9,377	9,415	333	317	24,126	23,899
North Carolina	16,029	16,277	11,265	10,700	15,078	15,219	777	812	43,149	43,008
South Carolina	8,256	8,295	5,495	5,212	12,392	12,091	403	376	26,546	25,973
Virginia	13,800	14,220	9,692	9,646	7,951	7,764	3,918	3,822	35,361	35,452
West Virginia	4,028	3,914	2,478	2,414	5,346	5,191	54	49	11,906	11,567
East South Central	36,596	36,355	15,082	18,884	56,852	47,100	2,261	2,241	110,792	104,580
Alabama	9,456	9,113	4,926	5,210	13,614	13,059	292	318	28,288	27,699
Kentucky	7,989	7,915	4,261	4,326	17,217	13,131	1,201	1,175	30,668	26,547
Mississippi	5,299	5,182	2,892	3,185	6,124	4,961	315	312	14,629	13,640
Tennessee	13,852	14,146	3,003	6,164	19,898	15,949	453	436	37,206	36,694
West South Central	56,463	55,966	42,343	42,081	62,252	62,599	6,878	5,920	167,937	166,566
Arkansas	4,657	4,554	2,709	2,682	4,502	4,332	311	304	12,178	11,871
Louisiana	8,989	9,008	6,117	6,285	12,304	12,184	1,456	1,549	28,866	29,025
Oklahoma	6,520	6,457	4,785	4,772	5,349	5,464	1,012	975	17,665	17,669
Texas	36,297	35,949	28,732	28,343	40,098	40,619	4,100	3,092	109,227	108,002
Mountain	23,941	23,738	24,229	22,934	25,829	25,305	2,968	3,033	76,967	75,009
Arizona	6,910	6,816	6,396	6,047	4,640	4,654	859	1,256	18,805	18,773
Colorado	5,136	4,999	7,011	6,376	2,883	3,024	376	378	15,405	14,778
Idaho	2,911	3,059	2,254	2,185	3,441	3,343	84	138	8,690	8,724
Montana	1,681	1,803	1,303	1,295	3,255	3,113	267	100	6,506	6,311
Nevada	2,583	2,418	1,785	1,772	3,070	2,439	356	271	7,794	6,899
New Mexico	1,801	1,697	2,195	2,134	2,170	2,264	581	449	6,747	6,543
Utah	1,988	2,037	2,202	2,106	2,709	2,737	367	381	7,266	7,262
Wyoming	932	909	1,082	1,019	3,661	3,730	78	60	5,753	5,718
Pacific Contiguous	56,189	56,972	53,440	49,758	51,055	53,432	7,321	6,534	168,006	166,695
California	31,728	31,607	39,377	35,459	24,557	27,265	5,180	4,476	100,842	98,806
Oregon	7,893	8,324	5,593	5,627	7,327	7,239	166	226	20,979	21,416
Washington	16,568	17,041	8,471	8,672	19,172	18,927	1,975	1,833	46,185	46,473
Pacific Noncontiguous	2,037	1,986	2,049	1,945	2,045	1,922	120	88	6,251	5,941
Alaska	889	883	1,006	941	240	209	91	60	2,226	2,092
Hawaii	1,148	1,103	1,044	1,004	1,805	1,713	29	28	4,025	3,849
U.S. Total	442,449	438,315	355,075	348,625	460,246	444,297	45,923	44,205	1,303,693	1,275,441

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

² Beginning in April 1989, definitional changes have been incorporated for the commercial and industrial end-use sectors for the municipalities and cooperatives that buy power from the Tennessee Valley Authority.

Notes: •Data for 1989 and 1990 are 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. •Refinement of sectorial definitions has resulted in some realignment of electricity sales to more appropriate sectors.

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

Table 36. Average Revenue per Kilowatthour by Sector
(Cents)

Year and Month	Residential ¹		Commercial		Industrial		Other ¹		Total ²	
	Monthly Series ³	Annual Series ⁴	Monthly Series ³	Annual Series ⁴	Monthly Series ³	Annual Series ⁴	Monthly Series ³	Annual Series ⁴	Monthly Series ³	Annual Series ⁴
1980 Average	5.36		5.48		3.69		4.76		4.73	
1981 Average	6.20		6.29		4.29		5.28		5.46	
1982 Average	6.86		6.86		4.95		5.92		6.13	
1983 Average	7.18		7.02		4.96		6.38		6.30	
1984 Average	7.54	7.15	7.33	7.13	5.04	4.83	6.78	5.90	6.52	6.25
1985 Average	7.79	7.39	7.47	7.27	5.16	4.97	6.96	6.09	6.71	6.44
1986 Average	7.41	7.42	7.13	7.20	4.90	4.93	6.64	6.11	6.42	6.44
1987 Average	7.41	7.45	7.01	7.08	4.72	4.77	6.64	6.21	6.32	6.37
1988 Average	7.49	7.48	7.07	7.04	4.62	4.70	6.02	6.20	6.31	6.35
1989 Average	7.64		7.21		4.72		6.19		6.44	
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	7.16		6.89		4.55		6.46		6.21	
February	7.17		6.97		4.62		6.83		6.25	
March	7.24		6.98		4.61		6.62		6.25	
April	7.52		7.08		4.61		6.45		6.28	
May	7.72		7.14		4.62		6.24		6.31	
June	8.03		7.39		4.83		5.68		6.59	
July	8.08		7.44		5.02		5.63		6.79	
August	8.11		7.48		5.00		5.56		6.79	
September	8.02		7.45		4.96		6.09		6.73	
October	7.87		7.48		4.72		6.47		6.51	
November	7.53		7.10		4.51		6.48		6.23	
December	7.28		7.02		4.56		6.58		6.27	
1990⁵										
January	7.18		6.94		4.60		5.81		6.27	
February	7.49		7.13		4.60		5.95		6.33	
March	7.59		7.21		4.61		6.07		6.36	
April	7.70		7.19		4.57		6.36		6.35	
May	7.98		7.31		4.63		6.22		6.46	
June	8.13		7.51		4.85		6.19		6.72	
Year-to-Date Average										
1990 Average⁵	7.64		7.22		4.65		6.10		6.42	
1989 Average⁵	7.45		7.07		4.64		6.33		6.32	
1988 Average	7.26		6.96		4.53		6.15		6.17	

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 are preliminary.

Notes: •Revenue per kilowatthour are calculated by dividing revenue by sales. •Refinement of sectorial definitions has resulted in some realignment of electricity sales to more appropriate sectors. •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 37. Average Revenue per Kilowatthour by Sector, Census Division, and State,
June 1990
(Cents)**

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	10.00	8.69	7.59	11.28	8.87
Connecticut	10.56	9.52	8.05	14.80	9.59
Maine	8.93	7.23	5.25	11.27	6.96
Massachusetts	9.91	8.30	8.16	10.59	8.83
New Hampshire	10.60	9.93	8.27	9.13	9.52
Rhode Island	10.24	9.17	8.77	9.96	9.47
Vermont	8.34	7.55	6.56	11.67	7.58
Middle Atlantic	10.64	9.68	6.17	7.92	8.74
New Jersey	11.18	9.61	7.77	19.58	9.69
New York	11.58	10.72	5.73	7.23	9.29
Pennsylvania	9.33	8.07	5.95	10.66	7.56
East North Central	8.71	7.54	4.70	6.03	6.53
Illinois	11.29	8.29	5.59	4.93	7.88
Indiana	7.39	6.19	3.95	8.75	5.39
Michigan	7.91	8.26	5.86	10.08	7.10
Ohio	8.67	7.73	4.17	6.33	6.15
Wisconsin	6.73	5.82	3.97	7.08	5.37
West North Central	8.12	6.87	4.75	6.35	6.54
Iowa	8.91	7.03	4.29	6.50	6.53
Kansas	8.48	6.64	4.95	8.77	6.77
Minnesota	7.36	6.52	4.57	7.54	5.80
Missouri	8.61	7.28	5.43	6.87	7.29
Nebraska	7.01	6.19	4.20	5.71	5.94
North Dakota	6.94	6.74	4.76	4.46	6.04
South Dakota	7.56	7.07	4.68	3.93	6.37
South Atlantic	7.83	6.85	4.85	6.20	6.57
Delaware	9.34	7.76	4.80	10.84	6.96
District of Columbia	6.36	7.48	6.32	6.06	6.92
Florida	7.68	6.57	5.17	6.84	7.00
Georgia	8.13	7.33	5.20	8.23	6.96
Maryland	8.36	8.02	5.52	9.58	7.10
North Carolina	7.78	6.34	4.91	6.66	6.27
South Carolina	7.62	5.92	4.48	5.78	5.75
Virginia	8.13	6.16	4.20	5.28	6.31
West Virginia	6.08	5.40	3.52	8.80	4.69
East South Central³	6.36	6.55	4.45	6.12	5.42
Alabama	6.83	7.01	4.80	7.24	5.97
Kentucky	6.02	5.54	3.72	4.96	4.66
Mississippi	6.99	7.17	4.75	8.20	6.18
Tennessee	5.75	6.51	4.69	7.33	5.22
West South Central	7.42	6.19	4.02	6.07	5.93
Arkansas	8.73	7.66	5.55	7.60	7.31
Louisiana	7.37	6.84	4.06	6.96	6.00
Oklahoma	7.46	6.56	3.92	5.59	6.15
Texas	7.28	5.84	3.84	5.80	5.73
Mountain	7.66	6.70	4.24	6.04	6.13
Arizona	9.83	8.93	6.24	6.84	8.55
Colorado	7.31	5.95	4.72	8.54	6.18
Idaho	5.05	4.07	2.79	3.94	3.77
Montana	4.78	4.31	2.60	4.97	3.48
Nevada	5.59	6.04	4.71	4.55	5.31
New Mexico	9.08	8.54	5.21	5.86	7.40
Utah	7.15	6.10	3.96	4.91	5.47
Wyoming	6.17	5.18	3.47	6.32	4.22
Pacific Contiguous	7.98	8.45	5.02	3.98	7.02
California	10.08	9.66	7.67	4.20	9.03
Oregon	4.62	4.55	2.87	7.06	3.91
Washington	4.10	4.14	2.23	3.11	3.17
Pacific Noncontiguous	10.03	9.69	7.10	11.48	8.90
Alaska	10.34	9.60	7.56	12.31	9.75
Hawaii	9.86	9.77	7.04	9.01	8.51
U.S. Total	8.13	7.51	4.85	6.19	6.72

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 Beginning in April 1989, definitional changes have been incorporated for the commercial and industrial end-use sectors for the municipals and cooperatives that buy power from the Tennessee Valley Authority.

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. •Refinement of sectorial definitions has resulted in some realignment of electricity sales to more appropriate sectors.

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

Table 38. Estimated Coefficients of Variation of Average Revenue per Kilowatthour by Sector, Census Division, and State, June 1990
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	Total ²
New England	0.3	0.2	1.4	4.6	0.4
Connecticut	.2	.1	.3	.3	.1
Maine	.2	.1	.2	1.6	.1
Massachusetts	.7	.4	3.5	8.9	.9
New Hampshire	.2	.4	1.2	5.6	.4
Rhode Island	.0	.0	.0	.0	.0
Vermont	1.5	.2	.6	3.8	.6
Middle Atlantic	.1	.1	.1	2.1	.1
New Jersey	.2	.2	.3	1.1	.1
New York	.0	.1	.1	2.6	.2
Pennsylvania	.3	.0	.1	.8	.1
East North Central	.2	.3	.3	.4	.1
Illinois	.4	.9	.4	.3	.3
Indiana	.4	.3	1.4	2.6	.5
Michigan	.3	.5	.6	2.6	.3
Ohio	.0	.3	.3	.3	.1
Wisconsin	1.6	.3	.4	.7	.6
West North Central	.8	.5	.4	1.2	.4
Iowa	.8	1.0	.6	2.3	.5
Kansas	3.9	1.0	1.2	6.4	1.7
Minnesota	1.3	1.2	.1	4.1	.5
Missouri	.9	.9	1.4	.2	.6
Nebraska	1.3	.5	.8	1.2	.6
North Dakota	.2	1.6	.2	5.3	.6
South Dakota	1.8	.7	1.4	14.0	1.0
South Atlantic	.3	.4	.2	.4	.2
Delaware	1.0	.2	.5	1.2	.4
District of Columbia	.0	.0	.0	.0	.0
Florida	.1	.3	.2	.4	.1
Georgia	.8	.2	.6	1.2	.4
Maryland	.4	.4	.5	1.9	.3
North Carolina	.8	.9	.4	3.0	.4
South Carolina	2.9	5.0	.3	1.4	1.6
Virginia	.8	.3	.6	.1	.4
West Virginia	.3	.4	.2	1.2	.2
East South Central	.4	.3	.0	.4	.2
Alabama	.1	.1	.0	3.7	.0
Kentucky	2.0	1.1	.0	.3	.7
Mississippi	.2	.7	.4	.6	.2
Tennessee	.0	.0	.0	.0	.0
West South Central	.7	.7	.7	1.9	.4
Arkansas	.4	.8	.2	2.3	.3
Louisiana	.4	.3	.9	.3	.3
Oklahoma	.3	1.2	.9	5.7	.5
Texas	1.0	1.1	1.0	2.8	.6
Mountain	.3	.4	.3	1.6	.2
Arizona	.7	.5	.5	1.6	.4
Colorado	.2	1.3	.8	.7	.6
Idaho	1.1	.2	.3	11.7	.4
Montana	2.9	1.0	.6	3.8	.9
Nevada	.0	.0	1.6	11.5	.8
New Mexico	.8	1.7	1.8	1.8	.8
Utah	.3	.9	.8	7.2	.6
Wyoming	.9	.5	.4	9.9	.5
Pacific Contiguous	.5	2.0	1.4	1.8	.9
California	.5	2.2	1.8	1.9	1.1
Oregon	3.8	3.5	5.9	11.6	2.5
Washington	1.5	1.0	.2	4.0	.7
Pacific Noncontiguous	.8	.8	.5	5.0	.4
Alaska	2.2	1.6	5.1	6.3	1.3
Hawaii	.0	.0	.0	.0	.0
U.S. Total	.2	.3	.2	.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.*

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**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	2	-	415	-	-	-	*	-	-	*
Abbeville (SC)	-	2	-	415	-	-	-	*	-	-	*
Accomack-Northampton Electric											
Coop	-	6	-	-	-	-	-	*	-	-	1
Smith (VA)	-	2	-	-	-	-	-	*	-	-	*
Tangler (VA)	-	4	-	-	-	-	-	*	-	-	1
Adrian Lt & Water Comm	-	-	-	-	-	-	-	-	-	-	-
Adrian (MN)	-	-	-	-	-	-	-	-	-	-	-
Aitkin Public Utilities Comm	-	-11	-	-	-	-	-	-	-	-	*
Aitkin (MN)	-	-11	-	-	-	-	-	-	-	-	*
Alabama Elec Coop, Inc	223,331	47	-71	1,184	-	-	100	*	-	244	1
Gantt (AL)	-	-	-	490	-	-	-	-	-	-	-
Lowman (AL)	223,331	-	-	-	-	-	100	-	-	237	-
McWilliams (AL)	-	-	-71	-	-	-	-	-	-	7	-
Point "A" (AL)	-	-	-	694	-	-	-	-	-	-	-
Portland (FL)	-	47	-	-	-	-	-	*	-	-	1
Alabama Power Co (SC)	3,277,958	5,666	37,775	374,701	918,956	-	1,322	8	318	4,051	58
Bankhead Dam (AL)	-	-	-	14,531	-	-	-	-	-	-	-
Barry (AL)	651,354	480	16,682	-	-	-	272	1	142	900	11
Chickasaw (AL)	-	-	-116	-	-	-	-	*	1	-	4
Farley (AL)	-	-	-	-	918,956	-	-	-	-	-	-
Gadsden New (AL)	3,957	24	412	-	-	-	2	*	4	108	1
Gaston, E C (AL)	879,582	835	-	-	-	-	348	1	-	1,211	16
Gorgas (AL)	689,241	2,800	-	-	-	-	279	4	-	715	12
Greene County (AL)	169,029	1,527	-	-	-	-	67	2	-	393	2
H Neely Henry Dam (AL)	-	-	-	20,423	-	-	-	-	-	-	-
Harris (AL)	-	-	-	11,619	-	-	-	-	-	-	-
Holt Dam (AL)	-	-	-	13,925	-	-	-	-	-	-	-
Jordan (AL)	-	-	-	4,509	-	-	-	-	-	-	-
Lay Dam (AL)	-	-	-	49,646	-	-	-	-	-	-	-
Lewis Smith Dam (AL)	-	-	-	22,276	-	-	-	-	-	-	-
Logan Martin Dam (AL)	-	-	-	34,260	-	-	-	-	-	-	-
Martin Dam (AL)	-	-	-	27,219	-	-	-	-	-	-	-
Miller (AL)	884,795	-	20,797	-	-	-	354	-	170	725	13
Mitchell Dam (AL)	-	-	-	40,716	-	-	-	-	-	-	-
Thurlow Dam (AL)	-	-	-	19,309	-	-	-	-	-	-	-
Walter Bouldin Dam (AL)	-	-	-	80,277	-	-	-	-	-	-	-
Weiss Dam (AL)	-	-	-	24,625	-	-	-	-	-	-	-
Yates Dam (AL)	-	-	-	11,366	-	-	-	-	-	-	-
Alamito Company	264,973	354	-	-	-	-	141	1	-	2	-
Springerville (AZ)	264,973	354	-	-	-	-	141	1	-	2	-
Alaska Electric G&T	-	-	-17	-	-	-	-	*	1	-	6
Soldotna (AK)	-	-	-17	-	-	-	-	*	1	-	6
Alaska Electric Lt & Pwr Co	-	20	-	5,919	-	-	-	*	-	-	4
Annex Creek (AK)	-	-	-	2,520	-	-	-	-	-	-	-
Gold Creek (AK)	-	15	-	736	-	-	-	*	-	-	-
Lemon Creek (AK)	-	5	-	-	-	-	-	*	-	-	4
Salmon Creek (AK)	-	-	-	2,660	-	-	-	-	-	-	-
Salmon Creek 2 (AK)	-	-	-	3	-	-	-	-	-	-	-
Alaska Power Administration	-	-	-	25,857	-	-	-	-	-	-	-
Eklutna (AK)	-	-	-	11,807	-	-	-	-	-	-	-
Snettisham (AK)	-	-	-	14,050	-	-	-	-	-	-	-
Alaska Power And Telephone											
Company	-	1,677	-	281	-	-	-	3	-	-	2
Craig (AK)	-	701	-	-	-	-	-	1	-	-	*
Dot Lake (AK)	-	-	-	-	-	-	-	-	-	-	*
Hydaburg (AK)	-	99	-	-	-	-	-	*	-	-	*
Skagway (AK)	-	297	-	281	-	-	-	1	-	-	*
Tok (AK)	-	580	-	-	-	-	-	1	-	-	1

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Alaska Village Electric Coop, Inc	-	3,011	-	-	-	-	-	7	-	-	30
Alakanuk (AK)	-	81	-	-	-	-	-	*	-	-	1
Ambler (AK)	-	69	-	-	-	-	-	*	-	-	1
Anvik (AK)	-	23	-	-	-	-	-	*	-	-	1
Chevak (AK)	-	84	-	-	-	-	-	*	-	-	1
Eek (AK)	-	37	-	-	-	-	-	*	-	-	1
Elim (AK)	-	44	-	-	-	-	-	*	-	-	1
Emmonak (AK)	-	125	-	-	-	-	-	*	-	-	1
Gambell (AK)	-	87	-	-	-	-	-	*	-	-	1
Goodnews Bay (AK)	-	33	-	-	-	-	-	*	-	-	1
Grayling (AK)	-	37	-	-	-	-	-	*	-	-	1
Holy Cross (AK)	-	49	-	-	-	-	-	*	-	-	1
Hooper Bay (AK)	-	126	-	-	-	-	-	*	-	-	1
Huslia (AK)	-	42	-	-	-	-	-	*	-	-	1
Kaltag (AK)	-	40	-	-	-	-	-	*	-	-	1
Kiana (AK)	-	79	-	-	-	-	-	*	-	-	1
Kivalina (AK)	-	58	-	-	-	-	-	*	-	-	1
Koyuk (AK)	-	52	-	-	-	-	-	*	-	-	1
Lower Kalskag (AK)	-	59	-	-	-	-	-	*	-	-	1
Marshall (AK)	-	55	-	-	-	-	-	*	-	-	1
Mekoryuk (AK)	-	44	-	-	-	-	-	*	-	-	1
Minto (AK)	-	38	-	-	-	-	-	*	-	-	1
Mountain Village (AK)	-	171	-	-	-	-	-	*	-	-	1
New Stuyahok (AK)	-	58	-	-	-	-	-	*	-	-	1
Noatak (AK)	-	63	-	-	-	-	-	*	-	-	1
Noorvik (AK)	-	83	-	-	-	-	-	*	-	-	1
Nulato (AK)	-	60	-	-	-	-	-	*	-	-	1
Nunapitchuk (AK)	-	134	-	-	-	-	-	*	-	-	1
Old Harbor (AK)	-	48	-	-	-	-	-	*	-	-	1
Pilot Station (AK)	-	72	-	-	-	-	-	*	-	-	1
Quinhagak (AK)	-	79	-	-	-	-	-	*	-	-	1
Russion Mission (AK)	-	38	-	-	-	-	-	*	-	-	1
Savoonga (AK)	-	76	-	-	-	-	-	*	-	-	1
Scammon Bay (AK)	-	54	-	-	-	-	-	*	-	-	1
Selawik (AK)	-	93	-	-	-	-	-	*	-	-	1
Shageluk (AK)	-	19	-	-	-	-	-	*	-	-	1
Shaktolik (AK)	-	47	-	-	-	-	-	*	-	-	1
Shishmaref (AK)	-	85	-	-	-	-	-	*	-	-	1
Shungnak (AK)	-	68	-	-	-	-	-	*	-	-	1
St Marys (AK)	-	147	-	-	-	-	-	*	-	-	1
St Michael (AK)	-	50	-	-	-	-	-	*	-	-	1
Stebbins (AK)	-	48	-	-	-	-	-	*	-	-	1
Togiak (AK)	-	111	-	-	-	-	-	*	-	-	1
Toksook Bay (AK)	-	60	-	-	-	-	-	*	-	-	1
Tununak (AK)	-	53	-	-	-	-	-	*	-	-	1
Wales (AK)	-	32	-	-	-	-	-	*	-	-	1
Albany City Of	-	-	-	-	-	-	-	-	-	-	*
Albany (MO)	-	-	-	-	-	-	-	-	-	-	*
Alexandria Bd Of Public Works ..	-	-	-	-	-	-	-	-	-	-	-
Alexandria (MN)	-	-	-	-	-	-	-	-	-	-	-
Alexandria Elec Lt & Pr Dept	-	-	776	-	-	-	-	-	12	-	18
Hunter, D G (LA)	-	-	776	-	-	-	-	-	12	-	18
Algona Municipal Utilities	-	-	-	-	-	-	-	-	-	-	2
Algona (IA)	-	-	-	-	-	-	-	-	-	-	2
Allegheny Electric Coop	-	-	-	10,933	-	-	-	-	-	-	-
Raystown (PA)	-	-	-	10,933	-	-	-	-	-	-	-
Alliance, City Of	-	-	-	-	-	-	-	-	-	-	-
Alliance (NE)	-	-	-	-	-	-	-	-	-	-	-
Alpena Power Co	-	-	-	2,104	-	-	-	-	-	-	-
Four Mile Dam (MI)	-	-	-	683	-	-	-	-	-	-	-
Hillman (MI)	-	-	-	89	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Alpena Power Co											
Ninth Street Dam (MI)	-	-	-	534	-	-	-	-	-	-	-
Norway Point Dam (MI)	-	-	-	798	-	-	-	-	-	-	-
Alta Mun Elec Lt & Pwr Plt Sys ..	-	-1	-	-	-	-	-	-	-	-	*
Alta (IA)	-	-1	-	-	-	-	-	-	-	-	*
Ames, City Of	25,893	95	-	-	-	-	15	*	-	31	3
Ames (IA)	25,893	86	-	-	-	-	15	*	-	31	1
Ames Gt (IA)	-	9	-	-	-	-	-	*	-	-	1
Anchorage Mun Lt & Pwr Dept	-	4	62,553	-	-	-	-	*	699	-	24
Anchorage (AK)	-	4	188	-	-	-	-	*	6	-	2
GMS 2 (AK)	-	-	62,365	-	-	-	-	-	693	-	21
Aniak Light & Power Company, Inc	-	159	-	-	-	-	-	*	-	-	*
Aniak (AK)	-	159	-	-	-	-	-	*	-	-	*
Anita Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Anita (IA)	-	-	-	-	-	-	-	-	-	-	-
Ansley Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Ansley (NE)	-	-	-	-	-	-	-	-	-	-	-
Anthony City Of	-	-	-	-	-	-	-	-	-	-	*
Anthony (KS)	-	-	-	-	-	-	-	-	-	-	*
Appalachian Power Co (AEP)	2,421,640	7,571	-	96,270	-	-	913	10	-	2,559	59
Amos, John E (WV)	1,254,209	4,782	-	-	-	-	473	6	-	1,266	23
Buck (VA)	-	-	-	5,466	-	-	-	-	-	-	-
Byllesby 2 (VA)	-	-	-	7,704	-	-	-	-	-	-	-
Claytor (VA)	-	-	-	28,353	-	-	-	-	-	-	-
Clinch River (VA)	353,531	494	-	-	-	-	132	1	-	279	3
Glen Lyn (VA)	19,900	205	-	-	-	-	8	*	-	106	4
Kanawha River (WV)	83,608	292	-	-	-	-	33	*	-	114	1
Leesville (VA)	-	-	-	9,114	-	-	-	-	-	-	-
London (WV)	-	-	-	8,381	-	-	-	-	-	-	-
Marmet (WV)	-	-	-	9,313	-	-	-	-	-	-	-
Mountaineer (WV)	710,392	1,798	-	-	-	-	267	2	-	794	27
Niagara (VA)	-	-	-	1,281	-	-	-	-	-	-	-
Reusens (VA)	-	-	-	5,188	-	-	-	-	-	-	-
Smith Mountain (VA)	-	-	-	9,545	-	-	-	-	-	-	-
Winfield (WV)	-	-	-	11,925	-	-	-	-	-	-	-
Arcadia Mun Electric Utility	-	17	5	-	-	-	-	*	*	-	1
Arcadia (WI)	-	17	5	-	-	-	-	*	*	-	1
Arcanum Water & Light Plant	-	-	-	-	-	-	-	-	-	-	*
Arcanum (OH)	-	-	-	-	-	-	-	-	-	-	*
Argyle Municipal Elec & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Argyle (WI)	-	-	-	-	-	-	-	-	-	-	-
Arizona Electric Pwr Coop, Inc	210,135	-	2,284	-	-	-	92	-	25	147	-
Apache Station (AZ)	210,135	-	2,284	-	-	-	92	-	25	147	-
Arizona Public Service Company ..	1,887,658	3,326	124,585	3,085	928,789	-	1,046	6	1,324	1,315	213
Childs (AZ)	-	-	-	2,018	-	-	-	-	-	-	-
Cholla (AZ)	477,514	3,323	315	-	-	-	262	6	4	686	9
Fairview (AZ)	-	-	-	-	-	-	-	-	-	-	9
Four Corners (NM)	1,410,144	-	9,259	-	-	-	785	-	98	629	-
Irving (AZ)	-	-	-	1,067	-	-	-	-	-	-	-
Ocotillo (AZ)	-	-	32,177	-	-	-	-	-	346	-	34
Palo Verde (AZ)	-	-	-	-	928,789	-	-	-	-	-	-
Phoenix (AZ)	-	-	52,275	-	-	-	-	-	513	-	50
Saguaro (AZ)	-	-	2,477	-	-	-	-	-	36	-	43

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)	-	-	26,048	-	-	-	-	-	300	-	-
Yuma Axis (AZ)	-	3	2,034	-	-	-	-	-	26	-	68
Arkansas Electric Coop Corp	-	-	-	-	-	-	-	-	-	-	-
Bailey (AR)	-	-	-	-	-	-	-	-	-	-	-
Clyde Ellis (AR)	-	-	-	-	-	-	-	-	-	-	-
Fitzhugh (AR)	-	-	-	-	-	-	-	-	-	-	-
Mc Clellan (AR)	-	-	-	-	-	-	-	-	-	-	-
Arkansas Power & Light Co											
(MSU)	1,139,187	8,570	228,666	38,346	1,146,228	-	708	18	2,612	1,968	269
Arkansas Nuclear One(AR)	-	-	-	-	1,146,228	-	-	-	-	-	-
Blytheville (AR)	-	466	-	-	-	-	-	1	-	-	40
Carpenter (AR)	-	-	-	33,247	-	-	-	-	-	-	-
Couch, Harvey (AR)	-	-	36,626	-	-	-	-	-	395	-	5
Independence (AR)	585,510	5,321	-	-	-	-	365	11	-	644	15
L Catherine (AR)	-	-	96,584	-	-	-	-	-	1,094	-	15
Lynch, Cecil (AR)	-	-	-182	-	-	-	-	-	-	-	6
Mablevale (AR)	-	-	-	-	-	-	-	-	-	-	9
Moses, Ham (AR)	-	-	-164	-	-	-	-	-	-	-	5
Rommel (AR)	-	-	-	5,099	-	-	-	-	-	-	-
Ritchie, R E (AR)	-	-	95,802	-	-	-	-	-	1,123	-	146
White Bluff (AR)	553,677	2,783	-	-	-	-	343	6	-	1,323	29
Arnold Municipal Plant	-	-	-	-	-	-	-	-	-	-	-
Arnold (NE)	-	-	-	-	-	-	-	-	-	-	-
Ashland, City Of	-	-	-	-	-	-	-	-	-	-	-
Ashland (KS)	-	-	-	-	-	-	-	-	-	-	-
Associated Electric Coop, Inc	819,791	733	-	-	-	-	395	1	-	1,084	23
New Madrid (MO)	344,042	39	-	-	-	-	159	-	-	552	1
Thomas Hill (MO)	475,749	392	-	-	-	-	236	1	-	532	5
Unionville (MO)	-	2	-	-	-	-	-	-	-	-	17
Atlantic City Electric Co (ACE)	106,615	10,045	4,085	-	-	-	47	17	50	147	416
* Central Storage *	-	-	-	-	-	-	-	-	-	-	96
Carlls Corner (NJ)	-	-	248	-	-	-	-	-	5	-	13
Cedar (NJ)	-	228	-	-	-	-	-	1	-	-	10
Cumberland St (NJ)	-	-	-	-	-	-	-	-	-	-	-
Deepwater (NJ)	31,017	1,707	3,837	-	-	-	14	4	45	19	87
England, B L (NJ)	75,598	7,870	-	-	-	-	33	12	-	128	168
Mickleton Street (NJ)	-	-	-	-	-	-	-	-	-	-	17
Middle (NJ)	-	257	-	-	-	-	-	1	-	-	16
Missouri Avenue (NJ)	-	-17	-	-	-	-	-	-	-	-	9
Atlantic Mun Utilities	-	-	-	-	-	-	-	-	-	-	2
Atlantic (IA)	-	-	-	-	-	-	-	-	-	-	2
Attica City Of	-	-	-	-	-	-	-	-	-	-	-
Attica (KS)	-	-	-	-	-	-	-	-	-	-	-
Auburn City Of	-	-53	-	-	-	-	-	-	-	-	1
Auburn (NE)	-	-53	-	-	-	-	-	-	-	-	1
Augusta City Of	-	-40	-	-	-	-	-	-	-	-	1
Plant No 1 (KS)	-	-30	-	-	-	-	-	-	-	-	-
Plant No 2 (KS)	-	-10	-	-	-	-	-	-	-	-	-
Augusta Light And Water Plant ...	-	-	-	-	-	-	-	-	-	-	-
Fairbanks (AR)	-	-	-	-	-	-	-	-	-	-	-
Austin Electric Dept	-	1	197,368	-	-	-	45	-	2,142	-	241
Decker Creek (TX)	-	1	172,484	-	-	-	45	-	1,839	-	99
Holly Street (TX)	-	-	25,133	-	-	-	-	-	303	-	139
Seaholm (TX)	-	-	-249	-	-	-	-	-	-	-	3

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-	-	-	-	-	-	-	-	14	-
Austin (MN)	-	-	-	-	-	-	-	-	-	-	-
Northeast Station (MN)	-	-	-	-	-	-	-	-	-	14	-
Baker City Of	-	-	-	-	-	-	-	-	-	-	-
Baker (OR)	-	-	-	-	-	-	-	-	-	-	-
Baldwin City Of	-	-	7	-	-	-	-	-	-	-	1
Attica (KS)	-	-	7	-	-	-	-	-	-	-	1
Baltimore Gas & Electric Co	682,332	99,687	20,679	-	-6,534	-	265	218	406	721	840
Central Storage	-	-	-	-	-	-	-	-	-	-	-
Brandon (MD)	379,794	1,551	-	-	-	-	148	2	-	395	3
Calvert Cliffs (MD)	-	-	-	-	-6,534	-	-	-	-	-	-
Crane, C P (MD)	81,033	1,090	-	-	-	-	35	2	-	137	4
Gould Street (MD)	-	19,748	-	-	-	-	-	42	-	-	28
Notch Cliff (MD)	-	-	1,751	-	-	-	-	-	29	-	-
Perryman (MD)	-	899	-	-	-	-	-	3	-	-	100
Philadelphia Road (MD)	-	365	-	-	-	-	-	1	-	-	10
Riverside (MD)	-	48,682	17,844	-	-	-	-	105	255	-	222
Wagner, H A (MD)	221,505	10	432	-	-	-	83	-	110	188	419
Westport (MD)	-	27,342	652	-	-	-	-	63	12	-	53
Bancroft Mun Electric Plant	-	-	-	-	-	-	-	-	-	-	-
Bancroft (IA)	-	-	-	-	-	-	-	-	-	-	-
Bandette Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Baudette (MN)	-	-	-	-	-	-	-	-	-	-	-
Bangor Hydro Electric Co	-	2,373	-	21,208	-	-	-	5	-	-	16
Bar Harbor (ME)	-	606	-	-	-	-	-	1	-	-	1
Eastport (ME)	-	23	-	-	-	-	-	-	-	-	1
Ellsworth (ME)	-	-	-	4,468	-	-	-	-	-	-	-
Graham Station (ME)	-	1,699	-	-	-	-	-	4	-	-	14
Howland (ME)	-	-	-	867	-	-	-	-	-	-	-
Medway (ME)	-	45	-	2,578	-	-	-	-	-	-	1
Millford (ME)	-	-	-	4,903	-	-	-	-	-	-	-
Orono (ME)	-	-	-	1,389	-	-	-	-	-	-	-
Stanford (ME)	-	-	-	-	-	-	-	-	-	-	-
Stillwater (ME)	-	-	-	1,018	-	-	-	-	-	-	-
Veazie (ME)	-	-	-	5,985	-	-	-	-	-	-	-
Bangor-Pac Hydro Asso	-	-	-	12,919	-	-	-	-	-	-	-
West Enfield (ME)	-	-	-	12,919	-	-	-	-	-	-	-
Barnesville City Of	-	-	-	-	-	-	-	-	-	-	-
Barnesville (MN)	-	-	-	-	-	-	-	-	-	-	-
Barron Light & Water Dept	-	14	-	41	-	-	-	-	-	-	-
Barron (WI)	-	14	-	41	-	-	-	-	-	-	-
Barrow Utils & Elec Coop Inc	-	-	2,700	-	-	-	-	-	50	-	1
Barrow (AK)	-	-	2,700	-	-	-	-	-	50	-	1
Barton Village Electric Dept	-	-	-	747	-	-	-	-	-	-	-
W. Charleston (VT)	-	-	-	747	-	-	-	-	-	-	-
Basin Electric Pwr Coop, Inc	1,297,716	7,589	-	-	-	-	964	18	-	3,201	38
Antelope Valley (ND)	385,606	1,462	-	-	-	-	328	4	-	405	3
Laramie River (WY)	714,410	5,962	-	-	-	-	462	13	-	2,013	8
Leland Olds (ND)	197,700	165	-	-	-	-	174	-	-	782	3
Neal, William J. (ND)	-	-	-	-	-	-	-	-	-	-	-
Spirit Mound (SD)	-	-	-	-	-	-	-	-	-	-	23
Beaver City Corporation	-	-	-	429	-	-	-	-	-	-	-
Beaver Lower (UT)	-	-	-	109	-	-	-	-	-	-	-
Beaver Upper (UT)	-	-	-	320	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-	-	1,887	-	-	-	-	-	-	-
Snowden (VA)	-	-	-	1,887	-	-	-	-	-	-	-
Bellevue City Of	-	72	713	-	-	-	-	*	8	-	2
Belleville (KS)	-	72	713	-	-	-	-	*	8	-	2
Bellevue Municipal Utilities	-	1	9	-	-	-	-	*	1	-	1
Bellevue (IA)	-	1	9	-	-	-	-	*	1	-	1
Beloit City Of	-	-	3	-	-	-	-	*	*	-	1
Beloit (KS)	-	-	3	-	-	-	-	*	*	-	1
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	-	77	-	-	-	-	-	*	-	-	1
Berlin (MD)	-	77	-	-	-	-	-	*	-	-	1
Bethany City	-	8	-	-	-	-	-	*	-	-	1
Bethany (MO)	-	8	-	-	-	-	-	*	-	-	1
Bethel Utilities Commission	-	2,179	-	-	-	-	-	4	-	-	-
Bethel (AK)	-	2,179	-	-	-	-	-	4	-	-	-
Bettles Light & Power Inc	-	56	-	-	-	-	-	*	-	-	2
Bettles (AK)	-	56	-	-	-	-	-	*	-	-	2
Big Rivers Electric Corporation ...	938,048	-41,938	213	-	-	-	427	2	2	792	19
Coleman (KY)	274,147	-	213	-	-	-	123	-	2	112	2
Green (KY)	173,246	979	-	-	-	-	88	2	-	230	1
Henderson II (KY)	194,540	102	-	-	-	-	82	*	-	-	1
Reid, Robert (KY)	-	-43,428	-	-	-	-	-	-	-	200	8
Wilson (KY)	296,115	409	-	-	-	-	134	1	-	250	7
Black Hills Pwr & Lt Co	40,552	367	5	-	-	-	39	1	*	18	17
French, Ben (SD)	543	367	5	-	-	-	1	1	*	5	17
Kirk (SD)	10,188	-	-	-	-	-	11	-	-	6	-
Osage (WY)	16,297	-	-	-	-	-	16	-	-	7	-
Simpson, Nell (WY)	13,524	-	-	-	-	-	12	-	-	-	-
Black River Falls, City Of	-	-	-	635	-	-	-	-	-	-	*
Black River Falls (WI)	-	-	-	635	-	-	-	-	-	-	*
Block Island Power Co	-	587	-	-	-	-	-	1	-	-	2
Block Island (RI)	-	587	-	-	-	-	-	1	-	-	2
Bloomfield Mun Utilities	-	-	-	-	-	-	-	-	-	-	1
Bloomfield (IA)	-	-	-	-	-	-	-	-	-	-	1
Blooming Prairie Pub Utils Comm Blooming Prairie (MN)	-	-	-	-	-	-	-	-	-	-	*
Blue Earth Lt & Wtr Dept	-	-	-	-	-	-	-	-	-	-	*
Blue Earth (MN)	-	-	-	-	-	-	-	-	-	-	*
Blue Hill Water & Lt Dept	-	-	-	-	-	-	-	-	-	-	-
Blue Hill (NE)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-	-	-	-	-	-	-	-	-	-
Sharp Falls (NC)	-	-	-	-	-	-	-	-	-	-	-
Bluffton Utilities	-	1	208	-	-	-	-	*	1	-	2
Bluffton (IN)	-	1	208	-	-	-	-	*	1	-	2
Bonniers Ferry City Of (Lt & Wtr Dpt)	-	-	-	3,265	-	-	-	-	-	-	-
Bonniers Ferry (ID)	-	-	-	-	-	-	-	-	-	-	-
Moyie (ID)	-	-	-	3,265	-	-	-	-	-	-	-
Boston Edison Company	-	200,070	658,736	-	388,298	-	-	342	6,517	-	810
Edgar (MA)	-	34	-	-	-	-	-	-	-	-	1
Framingham (MA)	-	47	-	-	-	-	-	-	-	-	2
L Street (MA)	-	17	-	-	-	-	-	*	-	-	1
Mystic (MA)	-	199,055	197,101	-	-	-	-	340	2,046	-	484
New Boston (MA)	-	134	461,635	-	-	-	-	*	4,471	-	317
Pilgrim (MA)	-	-	-	-	388,298	-	-	-	-	-	-
West Medway (MA)	-	783	-	-	-	-	-	2	-	-	7
Boston Metro Dist Comm-WD	-	-	-	-	-	-	-	-	-	-	-
Aqueduct Transfer (MA)	-	-	-	-	-	-	-	-	-	-	-
Oakdale (MA)	-	-	-	-	-	-	-	-	-	-	-
Wachusett (MA)	-	-	-	-	-	-	-	-	-	-	-
Winsor (MA)	-	-	-	-	-	-	-	-	-	-	-
Bountiful City Light & Power	-	12	2	1,606	-	-	-	*	*	-	1
Bountiful (UT)	-	12	2	-	-	-	-	*	*	-	1
Echo Darn (UT)	-	-	-	1,606	-	-	-	-	-	-	-
Bowersock Mills & Power Co	-	-	-	745	-	-	-	-	-	-	-
Lawrence (KS)	-	-	-	745	-	-	-	-	-	-	-
Brady Water & Light Works	-	28	-	-	-	-	-	*	-	-	1
Brady (TX)	-	28	-	-	-	-	-	*	-	-	1
Braintree Electric Light Dept	-	-	-	-	-	-	-	-	-	-	22
Potter Station (MA)	-	-	-	-	-	-	-	-	-	-	22
Brazos Elec Pwr Coop, Inc	-	-	107,365	-	-	-	-	-	1,149	-	115
Miller, R W (TX)	-	-	107,187	-	-	-	-	-	1,144	-	105
North Texas (TX)	-	-	178	-	-	-	-	-	5	-	10
Poage, W. R. (TX)	-	-	-	-	-	-	-	-	-	-	-
Brazos River Authority	-	-	-	11,805	-	-	-	-	-	-	-
M Sheppard (TX)	-	-	-	11,805	-	-	-	-	-	-	-
Breese City Of	-	11	-	-	-	-	-	*	-	-	1
Breese (IL)	-	11	-	-	-	-	-	*	-	-	1
Brigham City Corporation	-	-	-	581	-	-	-	-	-	-	-
Brigham City (UT)	-	-	-	247	-	-	-	-	-	-	-
Brigham 2 (UT)	-	-	-	334	-	-	-	-	-	-	-
Broken Bow Mun Utilities	-	16	92	-	-	-	-	*	1	-	*
Broken Bow (NE)	-	16	92	-	-	-	-	*	1	-	*
Brooklyn Mun Utilities	-	-	-	-	-	-	-	-	-	-	*
Brooklyn (IA)	-	-	-	-	-	-	-	-	-	-	*
Brownfield Mun Pr & Lt Plant	-	-32	-7	-	-	-	-	-	*	-	*
Brownfield (TX)	-	-32	-7	-	-	-	-	-	*	-	*
Brownsville City Of (Pub Utils Brd)	-	-	1,887	-	-	-	-	-	27	-	29
Brownsville (TX)	-	-	1,887	-	-	-	-	-	27	-	29

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-	39,345	-	-	-	-	-	422	-	86
Bryan (TX)	-	-	4,134	-	-	-	-	-	52	-	35
Dansby (TX)	-	-	35,211	-	-	-	-	-	370	-	51
Bryan Municipal Light & Water Works	-	8	60	-	-	-	-	*	1	-	7
Bryan (OH)	-	8	60	-	-	-	-	*	1	-	7
Bryant Light & Power Plant	-	-	-	-	-	-	-	-	-	-	-
Bryant (SD)	-	-	-	-	-	-	-	-	-	-	-
Buhl Public Utilities Dept	-	-	-	-	-	-	-	-	-	-	-
Buhl (MN)	-	-	-	-	-	-	-	-	-	-	-
Burbank Public Service Department	-	-	7,683	-	-	-134	-	-	130	-	76
Magnolia (CA)	-	-	-5	-	-	-134	-	-	4	-	74
Olive (CA)	-	-	7,688	-	-	-	-	-	126	-	2
Burlingame City Of	-	-	7	-	-	-	-	-	*	-	-
Burlingame (KS)	-	-	7	-	-	-	-	-	*	-	-
Burlington City Of	-	8	39	-	-	-	-	*	*	-	1
Burlington (KS)	-	8	39	-	-	-	-	*	*	-	1
Burlington City Of	-	-	-	-	-	-	-	-	-	-	-
Burlington (CO)	-	-	-	-	-	-	-	-	-	-	-
Burlington Electric Light Dept	-	29	4,556	-	-	11,136	-	*	49	-	12
Burlington (VT)	-	3	-	-	-	-	-	*	-	-	7
J C McNeil (VT)	-	26	4,556	-	-	11,136	-	*	49	-	6
Burwell Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Burwell (NE)	-	-	-	-	-	-	-	-	-	-	-
Bushnell Mun Elec Lt & Pwr Util ..	-	-	-	-	-	-	-	-	-	-	1
Bushnell (IL)	-	-	-	-	-	-	-	-	-	-	1
Butler Light & Water Service	-	-25	-	-	-	-	-	*	-	-	1
Butler (MO)	-	-25	-	-	-	-	-	*	-	-	1
Ca State Dept Of Water Resources	-	-	-	364,121	-	6,287	-	-	-	-	-
Alamo (CA)	-	-	-	2,526	-	-	-	-	-	-	-
Bottle Rock (CA)	-	-	-	-	-	6,287	-	-	-	-	-
Devil Canyon (CA)	-	-	-	79,642	-	-	-	-	-	-	-
Edw Hyatt (CA)	-	-	-	152,573	-	-	-	-	-	-	-
San Luis (CA)	-	-	-	77,147	-	-	-	-	-	-	-
Thermal Div (CA)	-	-	-	1,891	-	-	-	-	-	-	-
Thermalito (CA)	-	-	-	24,288	-	-	-	-	-	-	-
W E Warne (CA)	-	-	-	26,054	-	-	-	-	-	-	-
Cajun Elec Power Coop Inc	459,203	2,907	32,787	-	-	-	310	7	376	1,213	27
Big Cajun 1 (LA)	-	-	32,787	-	-	-	-	-	376	-	22
Big Cajun 2 (LA)	459,203	2,907	-	-	-	-	310	7	-	1,213	5
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 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						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)
Cape Hatteras Elec Membership Corp	-	-	-	-	-	-	-	-	-	-	-
Buxton (NC)	-	-	-	-	-	-	-	-	-	-	-
Cardinal Operating Company (AEP)	565,564	4,589	-	-	-	-	241	7	-	922	27
Cardinal (OH)	565,564	4,589	-	-	-	-	241	7	-	922	27
Carlyle Municipal Utilities	-	8	-	-	-	-	-	*	*	-	*
Carlyle (IL)	-	8	-	-	-	-	-	*	*	-	*
Carmi Light & Water	-	51	388	-	-	-	-	*	4	-	1
Carmi (IL)	-	51	388	-	-	-	-	*	4	-	1
Carolina Power & Light Co	1,667,628	10,316	70	96,849	1,325,835	-	663	17	4	3,128	191
Asheville (NC)	184,055	647	-	-	-	-	74	1	-	187	1
Blewett (NC)	-	-28	-	15,653	-	-	-	-	-	-	7
Brunswick (NC)	-	-	-	-	725,231	-	-	-	-	-	-
Cape Fear (NC)	66,440	660	-	-	-	-	25	1	-	169	13
Darlington County (SC)	-	-	70	-	-	-	-	-	4	-	105
Harris (NC)	-	-	-	-	365,042	-	-	-	-	-	-
Lee (NC)	30,458	363	-	-	-	-	12	2	-	236	18
Marshall (NC)	-	-	-	2,131	-	-	-	-	-	-	-
Mayo (NC)	275,842	2,036	-	-	-	-	118	4	-	504	5
Morehead (NC)	-	-	-	-	-	-	-	-	-	-	-
Robinson, H B (SC)	36,559	337	-	-	235,562	-	14	1	-	95	3
Roxboro (NC)	983,608	4,120	-	-	-	-	395	7	-	1,478	12
Sutton (NC)	63,111	1,638	-	-	-	-	13	2	-	357	12
Tillery (NC)	-	-	-	34,035	-	-	-	-	-	-	-
Walters (NC)	-	-	-	45,030	-	-	-	-	-	-	-
Weatherspoon (NC)	27,555	43	-	-	-	-	12	*	-	103	15
Carrollton Municipal Utilities	-	25	39	-	-	-	-	*	5	-	6
Carrollton (MO)	-	25	39	-	-	-	-	*	5	-	6
Carthage Water & Elec Plant	-	24	220	-	-	-	-	*	3	-	4
Carthage (MO)	-	24	220	-	-	-	-	*	3	-	4
Cascade Mun Elec Plant	-	-	-	-	-	-	-	-	-	-	*
Cascade (IA)	-	-	-	-	-	-	-	-	-	-	*
Cascade Power Company	-	-	-	442	-	-	-	-	-	-	-
Brevard (NC)	-	-	-	442	-	-	-	-	-	-	-
Cashton Light & Water Plant	-	-	-	-	-	-	-	-	-	-	-
Cashton (WI)	-	-	-	-	-	-	-	-	-	-	-
Cedar Falls Utilities	-	-	-	-	-	-	-	-	-	26	6
Cedar Falls Gt (IA)	-	-	-	-	-	-	-	-	-	26	-
Streeter (IA)	-	-	-	-	-	-	-	-	-	-	6
Centel Corporation	13,921	16	4,076	-	-	-	8	*	121	12	86
Cimarron River (KS)	-	-	-671	-	-	-	-	-	23	-	-
Clark, W N (CO)	13,921	-	550	-	-	-	8	-	7	12	-
Clifton (KS)	-	3	20	-	-	-	-	*	1	-	6
Judson Large (KS)	-	-	-397	-	-	-	-	-	1	-	43
Mullergren, Arthur (KS)	-	-	-209	-	-	-	-	-	*	-	22
Pueblo (CO)	-	13	4,791	-	-	-	-	*	88	-	7
Rocky Ford (CO)	-	-	-8	-	-	-	-	-	*	-	7
Center Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Center (CO)	-	-	-	-	-	-	-	-	-	-	-
Central Electric Power Coop	-	-	-	-	-	-	-	*	-	38	*
Chamois (MO)	-	-	-	-	-	-	-	*	-	38	*
Central Hudson Gas & Elec Corp	175,423	368,520	55,523	19,577	-	-	67	557	629	188	875
Coxsackie (NY)	-	-	12	-	-	-	-	-	*	-	3

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatt-hours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Central Hudson Gas & Elec Corp											
Danskammer (NY)	175,423	48	55,511	-	-	-	67	*	628	188	27
Dashville (NY)	-	-	-	2,802	-	-	-	-	-	-	-
High Falls (NY)	-	-	-	1,772	-	-	-	-	-	-	-
Neversink (NY)	-	-	-	5,930	-	-	-	-	-	-	-
Roseton (NY)	-	368,472	-	-	-	-	-	556	-	-	842
South Cairo (NY)	-	-	-	-	-	-	-	-	-	-	3
Sturgeon Pool (NY)	-	-	-	9,073	-	-	-	-	-	-	-
Central Illinois Light Co	412,600	1,097	202	-	-	-	175	2	3	366	1
Duck Creek (IL)	156,136	559	-	-	-	-	75	1	-	197	1
E D Edwards (IL)	256,464	538	-	-	-	-	100	1	-	170	1
Sterling Avenue (IL)	-	-	202	-	-	-	-	-	3	-	-
Central Illinois Public Service Co	779,467	2,072	-	-	-	-	365	5	-	1,068	91
Coffeen (IL)	169,644	-	-	-	-	-	87	-	-	467	5
Grand Tower (IL)	24,004	123	-	-	-	-	11	*	-	38	1
Hutsonville (IL)	55,357	262	-	-	-	-	26	*	-	106	1
Meredosia (IL)	12,134	1,377	-	-	-	-	9	3	-	133	79
Newton (IL)	518,328	310	-	-	-	-	232	1	-	321	6
Central Iowa Power Coop	17,485	-	32	-	-	-	10	-	*	73	6
Fair Station (IA)	17,485	-	32	-	-	-	10	-	*	73	-
Summit Lake (IA)	-	-	-	-	-	-	-	-	-	-	6
Centrai Louisiana Elec Co, Inc	647,110	-	225,358	-	-	-	454	-	2,370	1,133	209
Coughlin (LA)	-	-	46,269	-	-	-	-	-	491	-	49
Dolet Hills (LA)	343,529	-	1,415	-	-	-	273	-	15	544	-
Franklin (LA)	-	-	5	-	-	-	-	-	*	-	-
Rodemacher (LA)	303,581	-	112,115	-	-	-	180	-	1,187	589	118
Teche (LA)	-	-	65,554	-	-	-	-	-	677	-	42
Central Maine Power Company	-	348,757	-	200,639	-	-	-	575	-	-	681
Andro Lower (ME)	-	-	-	78	-	-	-	-	-	-	-
Andro Upper (ME)	-	-	-	540	-	-	-	-	-	-	-
Androscoggin 3 (ME)	-	-	-	2,489	-	-	-	-	-	-	-
Automatic (ME)	-	-	-	413	-	-	-	-	-	-	-
Bar Mills (ME)	-	-	-	2,849	-	-	-	-	-	-	-
Bates Lower (ME)	-	-	-	275	-	-	-	-	-	-	-
Bates Upper (ME)	-	-	-	1,846	-	-	-	-	-	-	-
Bonny Eagle (ME)	-	-	-	6,714	-	-	-	-	-	-	-
Brunswick (ME)	-	-	-	12,813	-	-	-	-	-	-	-
C. E. Monty (ME)	-	-	-	-	-	-	-	-	-	-	-
Cape (ME)	-	143	-	-	-	-	-	-	-	-	11
Cataract (ME)	-	-	-	5,387	-	-	-	-	-	-	-
Continental Mills (ME)	-	-	-	769	-	-	-	-	-	-	-
Deer Rips (ME)	-	-	-	4,154	-	-	-	-	-	-	-
Fort Halifax (ME)	-	-	-	870	-	-	-	-	-	-	-
Gulf Island (ME)	-	-	-	16,444	-	-	-	-	-	-	-
Harris (ME)	-	-	-	40,223	-	-	-	-	-	-	-
Hill Mill (ME)	-	-	-	1,130	-	-	-	-	-	-	-
Hiram (ME)	-	-	-	7,728	-	-	-	-	-	-	-
Islesboro (ME)	-	-1	-	-	-	-	-	-	-	-	-
Mason (ME)	-	2,316	-	-	-	-	-	7	-	-	113
North Gorham (ME)	-	-	-	1,046	-	-	-	-	-	-	-
Oakland (ME)	-	-	-	1,408	-	-	-	-	-	-	-
Peaks Island (ME)	-	-	-	-	-	-	-	-	-	-	-
Rice Rips (ME)	-	-	-	822	-	-	-	-	-	-	-
Shawmut (ME)	-	-	-	6,065	-	-	-	-	-	-	-
Skelton (ME)	-	-	-	14,584	-	-	-	-	-	-	-
Union Gas (ME)	-	-	-	802	-	-	-	-	-	-	-
West Buxton (ME)	-	-	-	5,284	-	-	-	-	-	-	-
West Channel (MA)	-	-	-	62	-	-	-	-	-	-	-
Weston (ME)	-	-	-	8,810	-	-	-	-	-	-	-
Williams (ME)	-	-	-	4,466	-	-	-	-	-	-	-
Wyman Hydro (ME)	-	-	-	52,568	-	-	-	-	-	-	-
Wyman, W F (ME)	-	346,299	-	-	-	-	-	568	-	-	557

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-	11,089	26,116	-	-	-	-	132	-	84
Canaday (NE)	-	-	11,089	-	-	-	-	-	132	-	84
Jeffrey Canyon (NE)	-	-	-	7,962	-	-	-	-	-	-	-
Johnson No 1 (NE)	-	-	-	4,981	-	-	-	-	-	-	-
Johnson No 2 (NE)	-	-	-	6,062	-	-	-	-	-	-	-
Kingsley (NE)	-	-	-	7,111	-	-	-	-	-	-	-
Central Operating Company											
(AEP)	139,733	888	-	-	-	-	55	1	-	574	15
Sporn, Phil (WV)	139,733	888	-	-	-	-	55	1	-	574	15
Central Power & Light Co (CSW)	442,374	692	833,179	5,772	-	-	205	1	8,389	527	524
* Central Storage *	-	-	-	-	-	-	-	-	-	-	-
Bates, J L (TX)	-	-	45,636	-	-	-	-	-	509	-	42
Coleto Creek (TX)	442,374	20	-	-	-	-	205	-	-	527	7
Davis, Barney M (TX)	-	564	241,215	-	-	-	-	1	2,469	-	159
Eagle Pass (TX)	-	-	-	5,772	-	-	-	-	-	-	-
Hill, Lon C (TX)	-	45	121,879	-	-	-	-	-	1,217	-	74
Joslin, E S (TX)	-	-	64,587	-	-	-	-	-	677	-	40
La Palma (TX)	-	15	76,980	-	-	-	-	-	740	-	47
Laredo (TX)	-	-	54,801	-	-	-	-	-	578	-	31
Nueces Bay (TX)	-	48	223,157	-	-	-	-	-	2,147	-	69
Victoria (TX)	-	-	4,924	-	-	-	-	-	53	-	54
Central Vermont Pub Serv Corp	-	-4	-	25,134	-	-	-	-	-	-	11
Arnold Falls (VT)	-	-	-	243	-	-	-	-	-	-	-
Ascutney (VT)	-	2	-	-	-	-	-	-	-	-	4
Bradford (VT)	-	-	-	970	-	-	-	-	-	-	-
Carver Falls (NY)	-	-	-	1,161	-	-	-	-	-	-	-
Cavendish (VT)	-	-	-	1,032	-	-	-	-	-	-	-
Clarks Falls (VT)	-	-	-	2,034	-	-	-	-	-	-	-
East Barriet (VT)	-	-	-	1,052	-	-	-	-	-	-	-
Fairfax Falls (VT)	-	-	-	2,346	-	-	-	-	-	-	-
Gage (VT)	-	-	-	380	-	-	-	-	-	-	-
Glen (VT)	-	-	-	1,042	-	-	-	-	-	-	-
Lower Middlebury (VT)	-	-	-	1,315	-	-	-	-	-	-	-
Milton (VT)	-	-	-	4,487	-	-	-	-	-	-	-
Passumpsic (VT)	-	-	-	490	-	-	-	-	-	-	-
Patch (VT)	-	-	-	179	-	-	-	-	-	-	-
Peterson (VT)	-	-	-	3,208	-	-	-	-	-	-	-
Pierce Mills (VT)	-	-	-	172	-	-	-	-	-	-	-
Pittsford (VT)	-	-	-	1,077	-	-	-	-	-	-	-
Rutland (VT)	-	-12	-	-	-	-	-	-	-	-	7
Salisbury (VT)	-	-	-	426	-	-	-	-	-	-	-
Silver Lake (VT)	-	-	-	1,043	-	-	-	-	-	-	-
St. Albans (VT)	-	6	-	-	-	-	-	-	-	-	-
Taftsville (VT)	-	-	-	301	-	-	-	-	-	-	-
Weybridge (VT)	-	-	-	2,176	-	-	-	-	-	-	-
Centralia Mun Hydro-Elec Plant	-	-	-	8,001	-	-	-	-	-	-	-
Centralia (WA)	-	-	-	8,001	-	-	-	-	-	-	-
Chanute City Of	-	-23	-50	-	-	-	-	-	2	-	2
Chanute (KS)	-	-	-26	-	-	-	-	-	-	-	-
Chanute 2 (KS)	-	-25	-	-	-	-	-	-	-	-	-
Chanute 3 (KS)	-	2	-24	-	-	-	-	-	2	-	1
Chappell City Of	-	-	-	-	-	-	-	-	-	-	-
Chappell (NE)	-	-	-	-	-	-	-	-	-	-	-
Chelan County P U D No 1	-	-	-	875,135	-	-	-	-	-	-	-
Chelan (WA)	-	-	-	38,495	-	-	-	-	-	-	-
Rock Island (WA)	-	-	-	226,254	-	-	-	-	-	-	-
Rocky Reach (WA)	-	-	-	610,386	-	-	-	-	-	-	-
Cheyenne Lt, Fuel & Power Co	-	-600	-	-	-	-	-	-	-	-	-
Corlett (WY)	-	-	-	-	-	-	-	-	-	-	-
Snyder (WY)	-	-600	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	51	29	3	-	-	-	*	*	*	2	7
Beardmore (MO)	51	29	3	-	-	-	*	*	*	2	7
Chugach Electric Assn, Inc	-	-	153,029	4,583	-	-	-	-	1,819	-	9
Beluga (AK)	-	-	136,293	-	-	-	-	-	1,528	-	-
Bernice Lake (AK)	-	-	16,287	-	-	-	-	-	283	-	3
Cooper Lake (AK)	-	-	-	4,583	-	-	-	-	-	-	-
International (AK)	-	-	449	-	-	-	-	-	8	-	7
Cincinnati Gas & Electric Co	1,284,521	5,501	152	-	-	-	543	9	6	1,072	75
Beckjord, Walter C (OH)	372,437	1,743	-	-	-	-	156	3	-	277	28
Dicks Creek (OH)	-	28	152	-	-	-	-	-	6	-	5
East Bend (KY)	349,682	355	-	-	-	-	150	1	-	247	8
Miami Fort (OH)	562,402	3,375	-	-	-	-	237	5	-	548	34
Citizens Utilities Co	-	-	-	4,065	-	-	-	-	-	-	1
Charleston (VT)	-	-	-	506	-	-	-	-	-	-	-
Newport (VT)	-	-	-	3,280	-	-	-	-	-	-	-
Newport Diesel (VT)	-	-	-	-	-	-	-	-	-	-	1
North Troy (VT)	-	-	-	279	-	-	-	-	-	-	-
Citizens Utilities Company	-	-	-	-	-	-	-	-	-	-	1
Valencia (AZ)	-	-	-	-	-	-	-	-	-	-	1
Clarksdale Water & Light Dept	-	-	-	-	-	-	-	-	-	-	15
South (MS)	-	-	-	-	-	-	-	-	-	-	13
Third St (MS)	-	-	-	-	-	-	-	-	-	-	1
Clay Center Mun Lt & Water											
Plant	-	4	390	-	-	-	-	*	5	-	2
Claycenter (KS)	-	4	390	-	-	-	-	*	5	-	2
Cleveland Elec Illum Co, The	1,042,845	3,828	-	-	878,694	-	435	7	-	618	121
Ashtabula (OH)	83,180	547	-	-	-	-	42	1	-	96	1
Avon Lake (OH)	324,746	386	-	-	-	-	143	1	-	179	14
Eastlake (OH)	529,699	705	-	-	-	-	206	2	-	271	16
Lake Shore (OH)	105,220	2,190	-	-	-	-	43	3	-	72	89
Perry (OH)	-	-	-	-	878,694	-	-	-	-	-	-
Cleveland Publ Utils Dept	-	-	79	-	-	-	-	-	6	-	3
Collinwood (OH)	-	-	-	-	-	-	-	-	-	-	1
Lake Road (OH)	-	-	-	-	-	-	-	-	-	-	-
West 41st Street (OH)	-	-	79	-	-	-	-	-	6	-	2
Clinton Village Of	-	-3	-	-	-	-	-	*	*	-	*
Clinton (MI)	-	-3	-	-	-	-	-	*	*	-	*
Cloverland Electric Coop	-	9	-	-	-	-	-	*	-	-	1
Dafer (MI)	-	10	-	-	-	-	-	*	-	-	*
Detour (MI)	-	-1	-	-	-	-	-	*	-	-	*
Coffeyville Mun Lt Dept	-	-	-	-	-	-	-	-	-	-	-
Coffeyville (KS)	-	-	-	-	-	-	-	-	-	-	-
Coggon Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Coggon (IA)	-	-	-	-	-	-	-	-	-	-	-
Colby Mun Wtr & Lt Plant	-	-	-	-	-	-	-	-	-	-	2
Colby (KS)	-	-	-	-	-	-	-	-	-	-	2
Coldwater City Of (Bd Of Pub											
Utils)	-	23	-	-	-	-	-	*	-	-	1
Coldwater (MI)	-	23	-	-	-	-	-	*	-	-	1
Coleman City Of	-	-	-	-	-	-	-	-	-	-	-
Coleman (TX)	-	-	-	-	-	-	-	-	-	-	-
Colorado Springs, City Of	216,087	-	801	2,214	-	-	107	-	9	419	75

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)	85,871	-	801	-	-	-	47	-	9	128	5
George Birdsal (CO)	-	-	-	-	-	-	-	-	-	-	65
Manitou (CO)	-	-	-	2,129	-	-	-	-	-	-	-
Ray D. Nixon (CO)	130,216	-	-	-	-	-	60	-	-	290	5
Ruxton (CO)	-	-	-	85	-	-	-	-	-	-	-
Colorado-Ute Elec Assn, Inc	808,492	583	1,035	2,100	-	-	415	1	11	1,847	4
Ames (CO)	-	-	-	675	-	-	-	-	-	-	-
Bullock (CO)	-	-	-	-	-	-	-	-	-	-	-
Craig (CO)	656,526	-	1,003	-	-	-	338	-	11	1,246	3
Hayden (CO)	133,742	583	32	-	-	-	65	1	-	574	2
Nucila (CO)	18,224	-	-	-	-	-	11	-	-	27	-
Ouray (CO)	-	-	-	-	-	-	-	-	-	-	-
Tacoma (CO)	-	-	-	1,425	-	-	-	-	-	-	-
Columbia Water & Light Dept	-	-	-	-	-	-	-	-	-	4	2
Columbia (MO)	-	-	-	-	-	-	-	-	-	4	2
Columbus & Southern Ohio Elec Co	514,824	1,943	-	-	-	-	227	3	-	778	10
Conesville (OH)	482,878	1,898	-	-	-	-	211	3	-	743	10
Picway (OH)	31,946	45	-	-	-	-	16	-	-	34	-
Columbus City Of	905	-	-	-	-	21,709	2	-	-	26	-
Columbus (OH)	-	-	-	-	-	-	-	-	-	-	-
Municipal Electric (OH)	905	-	-	-	-	21,709	2	-	-	26	-
Commonwealth Edison Co Of Indiana	50,476	-	3,488	-	-	-	28	-	36	401	-
State Line (IN)	50,476	-	3,488	-	-	-	28	-	36	401	-
Commonwealth Edison Company (CES)	1,179,946	10,040	44,251	1,209	5,204,924	-	718	133	497	5,209	1,234
Bloom (IL)	-	-	-	-	-	-	-	-	-	-	-
Braidwood (IL)	-	-	-	-	813,319	-	-	-	-	-	-
Byron (IL)	-	-	-	-	1,526,996	-	-	-	-	-	-
Calumet (IL)	-	53	14	-	-	-	-	-	-	-	16
Collins (IL)	-	5,402	-	-	-	-	-	124	-	-	1,111
Crawford (IL)	51,619	141	2,849	-	-	-	31	1	31	616	4
Dixon (IL)	-	-	-	1,209	-	-	-	-	-	-	-
Dresden (IL)	-	-	-	-	1,120,812	-	-	-	-	-	-
Electric Junction (IL)	-	-	-	-	-	-	-	-	-	-	15
Fisk Street (IL)	35,130	237	3,915	-	-	-	23	1	47	157	13
Joliet (IL)	23,670	-	754	-	-	-	17	-	11	191	7
Joliet 7 & 8 (IL)	213,590	-	33,409	-	-	-	130	-	371	1,079	10
Kincaid (IL)	189,428	-	394	-	-	-	104	-	4	449	-
Lasalle (IL)	-	-	-	-	808,548	-	-	-	-	-	-
Lombard (IL)	-	11	9	-	-	-	-	-	-	-	11
Powerton (IL)	430,305	-	888	-	-	-	275	-	11	1,600	11
Quad-cities (IL)	-	-	-	-	944,521	-	-	-	-	-	-
Sabrooke (IL)	-	6	-	-	-	-	-	-	-	-	15
Waukegan (IL)	107,999	75	2,019	-	-	-	60	-	21	397	19
Will County (IL)	128,205	4,115	-	-	-	-	78	8	-	720	3
Zion (IL)	-	-	-	-	-9,272	-	-	-	-	-	-
Commonwealth Energy System (CES)	-	342,925	17,093	-	-	-	-	627	239	-	235
Blackstone Street (MA)	-	109	443	-	-	-	-	-	8	-	3
Canal (MA)	-	341,954	-	-	-	-	-	624	-	-	156
Cannon Street (MA)	-	429	6,353	-	-	-	-	1	86	-	27
Kendall Square (MA)	-	275	10,297	-	-	-	-	1	145	-	46
Oak Bluffs (MA)	-	83	-	-	-	-	-	-	-	-	1
West Tisbury (MA)	-	75	-	-	-	-	-	-	-	-	2
Connecticut Light & Power Co (NU)	-	527,426	14,816	57,155	-	39,579	-	888	168	-	1,804
Bantam (CT)	-	-	-	171	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)	-	99	-	-	-	-	-	-	-	-	1
Bulls Bridge (CT)	-	-	-	5,638	-	-	-	-	-	-	-
Cos Cob (CT)	-	193	-	-	-	-	-	1	-	-	6
Devon (CT)	-	147,295	-	-	-	-	-	256	-	-	363
Falls Village (CT)	-	-	-	6,609	-	-	-	-	-	-	-
Franklin (CT)	-	-8	-	-	-	-	-	-	-	-	1
Middletown (CT)	-	133,141	-	-	-	-	-	219	-	-	596
Montville (CT)	-	88,233	14,816	-	-	-	-	163	168	-	414
Norwalk Harbor (CT)	-	158,225	-	-	-	-	-	248	-	-	352
Robertsville (CT)	-	-	-	145	-	-	-	-	-	-	-
Rocky River (CT)	-	-	-	733	-	-	-	-	-	-	-
Scotland (CT)	-	-	-	1,231	-	-	-	-	-	-	-
Shepaug (CT)	-	-	-	22,744	-	-	-	-	-	-	-
South Meadow (CT)	-	255	-	-	-	39,579	-	1	-	-	68
Stevenson (CT)	-	-	-	17,283	-	-	-	-	-	-	-
Taftville (CT)	-	-	-	1,119	-	-	-	-	-	-	-
Torrington (CT)	-	-8	-	-	-	-	-	-	-	-	1
Tracy (CT)	-	-3	-	-	-	-	-	-	-	-	1
Tunnel (CT)	-	4	-	1,482	-	-	-	-	-	-	1
Connecticut Yankee Atomic Pwr											
Co											
Haddam Neck (CT)	-	-	-	-	-2,242	-	-	-	-	-	-
	-	-	-	-	-2,242	-	-	-	-	-	-
Consolidated Edison Co Of N Y,											
Inc											
* Central Storage *	-	518,934	747,913	-	-3,670	-	-	878	7,684	-	4,244
Arthur Kill (NY)	-	-	-	-	-	-	-	-	-	-	3,115
Astoria (NY)	-	187,841	-	-	-	-	-	323	-	-	20
Buchanan (NY)	-	111,937	346,854	-	-	-	-	182	3,535	-	321
East River (NY)	-	45	-	-	-	-	-	-	-	-	4
Gowanus (NY)	-	51,404	22,663	-	-	-	-	102	276	-	297
Hudson Avenue (NY)	-	4,778	-	-	-	-	-	13	-	-	81
Indian Point (NY)	-	2,569	-	-	-	-	-	4	-	-	212
Kent Avenue (NY)	-	40	-	-	-3,670	-	-	-	-	-	1
Narrows (NY)	-	-	-	-	-	-	-	-	-	-	-
Ravenswood (NY)	-	301	10,542	-	-	-	-	1	175	-	95
Waterside (NY)	-	145,645	343,086	-	-	-	-	226	3,363	-	76
59Th Street (NY)	-	27	24,768	-	-	-	-	-	335	-	1
74Th Street (NY)	-	6,583	-	-	-	-	-	14	-	-	29
	-	7,764	-	-	-	-	-	12	-	-	3
Consolidated Water Power											
Company											
Biron (WI)	-	-	-	11,464	-	-	-	-	-	-	-
Du Bay (WI)	-	-	-	2,348	-	-	-	-	-	-	-
Stevens Point (WI)	-	-	-	4,980	-	-	-	-	-	-	-
Wisconsin Rapids (WI)	-	-	-	2,670	-	-	-	-	-	-	-
Wisconsin River Di (WI)	-	-	-	1,466	-	-	-	-	-	-	-
Consumers Power Company											
Alcona (MI)	1,088,428	6,933	93	2,051	197,899	-	445	12	-	634	362
Allegan Dam (MI)	-	-	-	2,479	-	-	-	-	-	-	-
Big Rock Point (MI)	-	-	-	1,431	-	-	-	-	-	-	-
Campbell, J H (MI)	411,889	5,973	-	-	49,647	-	166	10	-	312	10
Cobb, B C (MI)	172,017	171	-	-	-	-	77	-	-	73	-
Cooke (MI)	-	-	-	2,462	-	-	-	-	-	-	-
Croton (MI)	-	-	-	4,677	-	-	-	-	-	-	-
Five Channels (MI)	-	-	-	2,240	-	-	-	-	-	-	-
Footo (MI)	-	-	-	2,844	-	-	-	-	-	-	-
Gaylord (MI)	-	-	-	-	-	-	-	-	-	-	-
Hardy (MI)	-	-	-	11,228	-	-	-	-	-	-	-
Hodenpyl (MI)	-	-	-	4,242	-	-	-	-	-	-	-
Karn, D E (MI)	178,526	766	-	-	-	-	67	1	-	110	350
Loud (MI)	-	-	-	1,733	-	-	-	-	-	-	-
Ludington (MI)	-	-	-	-44,258	-	-	-	-	-	-	-
Mio (MI)	-	-	-	1,412	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)	-	-	-	-	-	-	-	-	-	-	-
Palisades (MI)	-	-	-	-	148,252	-	-	-	-	-	-
Rogers (MI)	-	-	-	3,561	-	-	-	-	-	-	-
Straits (MI)	-	-	127	-	-	-	-	-	-	-	-
Thetford (MI)	-	-	-47	-	-	-	-	-	-	-	-
Tippy, C W (MI)	-	-	-	6,130	-	-	-	-	-	-	-
Weadock, J C (MI)	198,108	-	13	-	-	-	81	-	-	58	-
Webber (MI)	-	-	-	1,870	-	-	-	-	-	-	-
Whiting, J R (MI)	127,888	23	-	-	-	-	54	-	-	82	3
Cool Water C G Program	-	-	-	-	-	-	-	-	-	-	-
Cool Water IGCC (CA)	-	-	-	-	-	-	-	-	-	-	-
Coon Rapids Mun Utilities	-	1	-	-	-	-	-	-	-	-	-
Coon Rapids (IA)	-	1	-	-	-	-	-	-	-	-	-
Cooperative Power Association ..	356,917	164	-	-	-	-	320	1	-	1,021	27
Bonifacius (MN)	-	50	-	-	-	-	-	-	-	-	5
Coal Creek (ND)	356,917	114	-	-	-	-	320	-	-	1,021	23
Copper Valley Electric Assn, Inc ..	-	278	-	4,205	-	-	-	1	-	-	1
Glennallen (AK)	-	328	-	-	-	-	-	1	-	-	1
Valdez (AK)	-	-	-	4,205	-	-	-	-	-	-	-
Valdez (AK)	-	-50	-	-	-	-	-	-	-	-	-
Cordova City Of	-	2,065	-	-	-	-	-	4	-	-	1
Cordova (AK)	-	19	-	-	-	-	-	-	-	-	1
Ocean Dock (AK)	-	2,046	-	-	-	-	-	4	-	-	-
Corn Belt Power Coop	2,730	-	8	-	-	-	1	-	-	40	-
Humboldt (IA)	-33	-	-	-	-	-	-	-	-	18	-
Wisdom, Earl F (IA)	2,763	-	8	-	-	-	1	-	-	23	-
Corning Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Corning (IA)	-	-	-	-	-	-	-	-	-	-	-
Craig-Botetourt Electric Coop	-	-	-	139	-	-	-	-	-	-	-
New Castle (VA)	-	-	-	139	-	-	-	-	-	-	-
Crawfordsville Elec Lt & Pwr Util ..	1,347	-	-	-	-	-	1	-	-	2	-
Crawfordsville (IN)	1,347	-	-	-	-	-	1	-	-	2	-
Crete City Of	-	13	97	-	-	-	-	-	1	-	1
Crete (NE)	-	13	97	-	-	-	-	-	1	-	1
Crisp County Power Commission ..	-	-	-112	4,082	-	-	-	-	1	3	-
Crisp (GA)	-	-	-112	-	-	-	-	-	1	3	-
Warwick (GA)	-	-	-	4,082	-	-	-	-	-	-	-
Crystal Falls City Of (Lt & Wtr)	-	-	-	567	-	-	-	-	-	-	-
Crystal Falls (MI)	-	-	-	567	-	-	-	-	-	-	-
Culpeper Town Of	-	40	8	-	-	-	-	-	-	-	1
Culpeper (VA)	-	40	8	-	-	-	-	-	-	-	1
Cumberland Municipal Utility	-	11	-	-	-	-	-	-	-	-	1
Cumberland (WI)	-	11	-	-	-	-	-	-	-	-	1
Curtis City Of	-	-	-	-	-	-	-	-	-	-	-
Curtis (NE)	-	-	-	-	-	-	-	-	-	-	-
Cushing City Of	-	165	1,482	-	-	-	-	-	16	-	1
Cushing (OK)	-	165	1,482	-	-	-	-	-	16	-	1
Dada City Of	-	-	-	-	-	-	-	-	-	-	-
Floydada (TX)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-	-	242	-	-	-	-	-	-	*
Gordon (WI)	-	-	-	53	-	-	-	-	-	-	*
Nancy (WI)	-	-	-	189	-	-	-	-	-	-	-
Scion Diesel (WI)	-	-	-	-	-	-	-	-	-	-	*
Dairyland Power Cooperative	278,108	1,972	-	6,616	-	-	170	3	-	1,124	3
Alma (WI)	35,504	29	-	-	-	-	19	*	-	148	*
Flanibeau (WI)	-	-	-	6,616	-	-	-	-	-	-	-
Genoa (WI)	70,247	1,802	-	-	-	-	35	3	-	771	*
J P Madgett (WI)	168,271	87	-	-	-	-	113	*	-	178	2
Stoneman (WI)	4,086	54	-	-	-	-	2	*	-	27	*
Danville Water, Gas & Elec Dept ..	-	-	-	3,886	-	-	-	-	-	-	-
Pinnacles (VA)	-	-	-	3,886	-	-	-	-	-	-	-
Dayton Light & Power	-	-	-	-	-	-	-	-	-	-	-
Dayton (IA)	-	-	-	-	-	-	-	-	-	-	-
Dayton Power & Light Company,											
The	1,683,619	3,687	2,922	-	-	-	717	5	31	1,133	35
Frank M Tait (OH)	-	7	-	-	-	-	-	*	-	-	2
Hutchings (OH)	18,293	-	2,849	-	-	-	9	-	30	44	1
Killen Station (OH)	423,026	2,361	-	-	-	-	173	3	-	284	22
Monument (OH)	-	7	-	-	-	-	-	*	-	-	1
Sidney (OH)	-	13	-	-	-	-	-	*	-	-	1
Stuart, J M (OH)	1,242,300	1,275	-	-	-	-	535	2	-	804	2
Yankee Street (OH)	-	24	73	-	-	-	-	*	1	-	7
Delano Municipal Power Plant	-	-	-	-	-	-	-	-	-	-	*
Delano (MN)	-	-	-	-	-	-	-	-	-	-	*
Delmarva Power & Light Co. Of											
Del	324,436	123,582	33,564	-	-	-	136	192	596	467	779
Bayview (VA)	-	20	-	-	-	-	-	*	-	-	1
Cape Charles (VA)	-	-	-	-	-	-	-	-	-	-	-
Christiana (DE)	-	88	-	-	-	-	-	*	-	-	15
Crisfield (MD)	-	16	-	-	-	-	-	*	-	-	1
Delaware City (DE)	-	17,687	11,473	-	-	-	-	3	350	-	32
Edge Moor (DE)	36,466	104,024	16,220	-	-	-	17	184	179	114	438
Hay Road (DE)	-	-	5,871	-	-	-	-	-	67	-	53
Indian River (DE)	287,970	1,894	-	-	-	-	119	4	-	353	10
Madison Street (DE)	-	-10	-	-	-	-	-	-	-	-	3
Tasley (VA)	-	124	-	-	-	-	-	*	-	-	7
Vienna (MD)	-	-270	-	-	-	-	-	-	-	-	216
West Substation (DE)	-	0	-	-	-	-	-	*	-	-	2
Delta City Of	-	2	23	-	-	-	-	*	*	-	*
Delta (CO)	-	2	23	-	-	-	-	*	*	-	*
Denison Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Denison (IA)	-	-	-	-	-	-	-	-	-	-	*
Denton Municipal Utilities	-	-	9,208	-	-	-	-	-	115	-	37
Spencer (TX)	-	-	9,208	-	-	-	-	-	115	-	37
Denver City & County Of	-	-	-	2,748	-	-	-	-	-	-	-
Blue River (CO)	-	-	-	1,165	-	-	-	-	-	-	-
Foothills (CO)	-	-	-	789	-	-	-	-	-	-	-
Roberts Tunnel (CO)	-	-	-	-	-	-	-	-	-	-	-
Strontia Sprgs (CO)	-	-	-	794	-	-	-	-	-	-	-
Williams Fork (CO)	-	-	-	-	-	-	-	-	-	-	-
Deseret Generating &											
Transmission	232,198	48	-	-	-	-	118	*	-	331	5
Bonanza (UT)	232,198	48	-	-	-	-	118	*	-	331	5
Deshler Municipal Utilities	-	9	-	-	-	-	-	*	-	-	*
Deshler (NE)	-	9	-	-	-	-	-	*	-	-	*

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)	-	18,474	11,729	-	-	-	-	38	145	-	86
Mistersky (MI)	-	18,474	11,729	-	-	-	-	38	145	-	86
Detroit Edison Company, The	3,435,899	6,963	12,646	-	750,779	-	1,608	15	1,357	5,241	568
* Central Storage *	-	-	-	-	-	-	-	-	-	2,654	-
Beacon Heating (MI)	-	-	-884	-	-	-	-	-	-	9	6
Belle River (MI)	865,915	914	-	-	-	-	471	2	-	-	12
Colfax (MI)	-	-31	-	-	-	-	-	-	-	-	1
Conners Creek (MI)	-	-14	-	-	-	-	-	-	-	-	1
Dayton (MI)	-	-37	-	-	-	-	-	-	-	-	-
Enrico Fermi (MI)	-	4	-	-	750,779	-	-	-	-	-	5
Greenwood (MI)	-	-1,192	-	-	-	-	-	-	-	-	448
Hancock (MI)	-	-	49	-	-	-	-	-	2	-	-
Harbor Beach (MI)	15,308	148	-	-	-	-	7	-	-	23	-
Marysville (MI)	-	-	-	-	-	-	-	-	-	-	-
Monroe (MI)	1,491,065	4,330	-	-	-	-	617	7	-	1,229	8
Northeast (MI)	-	-31	-10	-	-	-	-	-	-	-	2
Oliver (MI)	-	-37	-	-	-	-	-	-	-	-	1
Placid (MI)	-	-34	-	-	-	-	-	-	-	-	1
Putnam (MI)	-	-28	-	-	-	-	-	-	-	-	1
River Rouge (MI)	227,723	4	13,451	-	-	-	89	-	1,355	61	1
S. cum (MI)	-	-30	-	-	-	-	-	-	-	-	-
St. Clair (MI)	533,158	2,438	40	-	-	-	300	5	1	1,157	68
Superior (MI)	-	33	-	-	-	-	-	-	-	-	2
Trenton Channel (MI)	302,730	539	-	-	-	-	124	1	-	108	11
Wilmott (MI)	-	-13	-	-	-	-	-	-	-	-	1
Detroit Lakes City Of	-	-	-	-	-	-	-	-	-	-	-
Detroit Lakes (MN)	-	-	-	-	-	-	-	-	-	-	-
Don Jones	-	-	-	56	-	-	-	-	-	-	-
White River (SD)	-	-	-	56	-	-	-	-	-	-	-
Douglas County Pud No 1	-	-	-	438,668	-	-	-	-	-	-	-
Wells (WA)	-	-	-	438,668	-	-	-	-	-	-	-
Dover Elec Lt & Power Plant	-	1	-	-	-	-	-	-	-	-	-
Dover (OH)	-	1	-	-	-	-	-	-	-	-	-
Dover Electric Department	-	20,536	6,912	-	-	-	-	41	84	-	44
McKee Run (DE)	-	20,536	6,912	-	-	-	-	41	84	-	44
Dowagiac Dept Of Public Service	-	51	-	-	-	-	-	-	-	-	1
Dowagiac (MI)	-	51	-	-	-	-	-	-	-	-	1
Duke Power Company	1,939,234	4,148	-67	129,288	3,895,748	-	725	8	6	2,246	134
Allen (NC)	122,118	1,580	-	-	-	-	51	2	-	368	2
Belews Creek (NC)	653,945	263	-	-	-	-	237	-	-	907	5
Boyd's Mill (SC)	-	-	-	445	-	-	-	-	-	-	-
Bridgewater (NC)	-	-	-	3,834	-	-	-	-	-	-	-
Buck (NC)	26,807	-30	-	-	-	-	12	-	-	34	17
Buzzard Roost (SC)	-	-	-59	3,592	-	-	-	-	1	-	42
Catawba (NC)	-	-	-	-	1,653,527	-	-	-	-	-	-
Cedar Creek (SC)	-	-	-	12,572	-	-	-	-	-	-	-
Cliffside (NC)	178,339	116	-	-	-	-	75	-	-	187	2
Cowans Ford (NC)	-	-	-	12,832	-	-	-	-	-	-	-
Dan River (NC)	24,950	-17	-	-	-	-	12	1	-	64	17
Dearborn (SC)	-	-	-	13,605	-	-	-	-	-	-	-
Fishing Creek (SC)	-	-	-	14,076	-	-	-	-	-	-	-
Gaston Shoals (SC)	-	-	-	3,504	-	-	-	-	-	-	-
Great Falls (SC)	-	-	-	2,587	-	-	-	-	-	-	-
Holidays Bridge (SC)	-	-	-	-	-	-	-	-	-	-	-
Idols (NC)	-	-	-	397	-	-	-	-	-	-	-
Jocassee (SC)	-	-	-	-22,068	-	-	-	-	-	-	-
Keowee (SC)	-	-	-	6,336	-	-	-	-	-	-	-
Lee (SC)	29,480	-	-8	-	-	-	14	-	4	85	16
Lookout Shoals (NC)	-	-	-	9,379	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						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)
Duke Power Company											
Marshall (NC)	888,545	2,330	-	-	-	-	316	3	-	541	6
Mo Guire (NC)	-	-	-	-	970,773	-	-	-	-	-	-
Mountain Island (NC)	-	-	-	9,346	-	-	-	-	-	-	-
Oconee (SC)	-	-	-	-	1,271,448	-	-	-	-	-	-
Oxford (NC)	-	-	-	10,206	-	-	-	-	-	-	-
Rhodhiss (NC)	-	-	-	5,985	-	-	-	-	-	-	-
Riverbend (NC)	15,040	-94	-	-	-	-	7	1	-	59	22
Rocky Creek (SC)	-	-	-	1,218	-	-	-	-	-	-	-
Saluda (SC)	-	-	-	927	-	-	-	-	-	-	-
Spencer Mountain (NC)	-	-	-	446	-	-	-	-	-	-	-
Stice Shoals (NC)	-	-	-	-	-	-	-	-	-	-	-
Turner Shoals (NC)	-	-	-	1,389	-	-	-	-	-	-	-
Tuxedo (NC)	-	-	-	-	-	-	-	-	-	-	-
Urrquhart (SC)	-	-	-	-	-	-	-	-	-	-	5
Wateree (SC)	-	-	-	18,079	-	-	-	-	-	-	-
Wylie (SC)	-	-	-	12,558	-	-	-	-	-	-	-
99 Islands (SC)	-	-	-	8,043	-	-	-	-	-	-	-
Duquesne Light Company	299,522	-136	1,600	-	985,416	-	131	2	15	425	102
Beaver Valley (PA)	-	-	-	-	985,416	-	-	-	-	-	-
Brunot Island (PA)	-	-881	-	-	-	-	-	-	-	-	97
Cheswick (PA)	176,113	-	1,600	-	-	-	72	-	15	267	-
Elrama (PA)	123,409	45	-	-	-	-	59	2	-	158	4
Phillips, F (PA)	-	-	-	-	-	-	-	-	-	-	-
Durant Municipal Electric Plant	-	-	-	-	-	-	-	-	-	-	-
Durant (IA)	-	-	-	-	-	-	-	-	-	-	-
East Bay Mun Utility District	-	-	-	4,681	-	-	-	-	-	-	-
Camanche (CA)	-	-	-	760	-	-	-	-	-	-	-
Pardee (CA)	-	-	-	3,921	-	-	-	-	-	-	-
East Kentucky Power											
Cooperative	441,195	681	-	-	-	-	186	1	-	598	11
Cooper (KY)	89,686	181	-	-	-	-	38	-	-	231	1
Dale (KY)	39,991	102	-	-	-	-	21	-	-	30	-
Spurlock, H L (KY)	311,508	398	-	-	-	-	127	1	-	338	10
Eastern Maine Elec Coop, Inc	-	-686	-	-	-	-	-	-	-	-	-
Portable (ME)	-	-	-	-	-	-	-	-	-	-	-
River Street (ME)	-	-686	-	-	-	-	-	-	-	-	-
Easton Utilities Commission, The	-	682	106	-	-	-	-	1	1	-	32
Easton (MD)	-	137	79	-	-	-	-	-	1	-	26
Easton No. 2 (MD)	-	545	27	-	-	-	-	1	-	-	6
Edison Sault Electric Co	-	50	-	19,000	-	-	-	-	-	-	-
Edison Sault (MI)	-	-	-	19,000	-	-	-	-	-	-	-
Manistique (MI)	-	50	-	-	-	-	-	-	-	-	-
Saint Ignace (MI)	-	-	-	-	-	-	-	-	-	-	-
Egegik Light & Power Company ..	-	114	-	-	-	-	-	-	-	-	-
Egegik (AK)	-	114	-	-	-	-	-	-	-	-	-
El Paso Electric Company	-	-	235,043	-	-	-	-	-	2,581	-	173
* Central Storage *	-	-	-	-	-	-	-	-	-	-	-
Copper (TX)	-	-	2,040	-	-	-	-	-	28	-	7
Newman (TX)	-	-	165,899	-	-	-	-	-	1,743	-	104
Rio Grande (NM)	-	-	67,104	-	-	-	-	-	79C	-	63
Electra City Of	-	-	-	-	-	-	-	-	-	-	-
Electra (TX)	-	-	-	-	-	-	-	-	-	-	-
Electric Energy, Inc	712,278	146	-	-	-	-	318	-	-	501	1
Joppa Steam (IL)	712,278	146	-	-	-	-	318	-	-	501	1
Elk River Municipal Utilities	-	4	-	-	-	-	-	-	-	-	1
Elk River (MN)	-	4	-	-	-	-	-	-	-	-	1

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-	-	-	-	-	-	*	4	-	-
Ellinwood (KS)	-	-	-	-	-	-	-	*	4	-	-
Elroy City Of	-	-15	-	-	-	-	-	*	-	-	*
Elroy (WI)	-	-15	-	-	-	-	-	*	-	-	*
Emerson Light & Power Plant	-	-	-	-	-	-	-	-	-	-	*
Emerson (NE)	-	-	-	-	-	-	-	-	-	-	*
Empire District Electric Co	146,261	-86	104	2,946	-	-	73	*	3	78	49
Asbury (MO)	124,709	19	-	-	-	-	60	*	-	44	1
Energy Center (MO)	-	-105	-	-	-	-	-	-	-	-	24
Ozark Beach (MO)	-	-	-	2,946	-	-	-	-	-	-	-
Riverton (KS)	21,552	-	104	-	-	-	13	-	3	34	24
Enosburg Falls Inc Village Of	-	-	-	390	-	-	-	-	-	-	*
Diesel Plt (VT)	-	-	-	-	-	-	-	-	-	-	*
Kendall (VT)	-	-	-	8	-	-	-	-	-	-	-
Village Plt (VT)	-	-	-	382	-	-	-	-	-	-	-
Ephraim City Corporation	-	-	-	1,283	-	-	-	-	-	-	-
No 1 (UT)	-	-	-	63	-	-	-	-	-	-	-
No. 3 (UT)	-	-	-	1,137	-	-	-	-	-	-	-
No.4 (UT)	-	-	-	53	-	-	-	-	-	-	-
Erda - Los Alamos Area Off	-	-	-	-	-	-	-	-	-	-	6
Ta-3 (NM)	-	-	-	-	-	-	-	-	-	-	6
Erie Water & Light	-	-	-	-	-	-	-	-	-	-	-
Erie (KS)	-	-	-	-	-	-	-	-	-	-	-
Escondido Mutual Wtr Co	-	-	-	-	-	-	-	-	-	-	-
Bear Valley (CA)	-	-	-	-	-	-	-	-	-	-	-
Rincon Pwr (CA)	-	-	-	-	-	-	-	-	-	-	-
Esterville City Of	-	-	-	-	-	-	-	-	-	-	2
Esterville (IA)	-	-	-	-	-	-	-	-	-	-	2
Eugene City Of	-	-	-	39,663	-	179	-	-	-	-	-
Carmen (OR)	-	-	-	26,412	-	-	-	-	-	-	-
Leaburg (OR)	-	-	-	9,408	-	-	-	-	-	-	-
Walterville (OR)	-	-	-	3,843	-	-	-	-	-	-	-
Willamette (OR)	-	-	-	-	-	179	-	-	-	-	-
Fairbanks Mun Utilities System	11,352	36	-	-	-	-	11	*	-	1	3
Chena (AK)	11,352	36	-	-	-	-	11	*	-	1	3
Fairbury Light & Water Dept	-	-	-	-	-	-	-	-	-	-	*
Fairbury (NE)	-	-	-	-	-	-	-	-	-	-	*
Fairfax Mun Pwr Plant	-	-	-	-	-	-	-	-	-	-	-
Fairfax (MN)	-	-	-	-	-	-	-	-	-	-	-
Fairfield Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Fairfield (IL)	-	-	-	-	-	-	-	-	-	-	-
Fairmont Pub Util Comm	-	-	-	-	-	-	-	-	-	2	1
Fairmont (MN)	-	-	-	-	-	-	-	-	-	2	1
Fairview Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Fairview (OK)	-	-	-	-	-	-	-	-	-	-	-
Fall River Rural Elec Coop	-	-	-	-	-	-	-	-	-	-	-
New Felt (ID)	-	-	-	-	-	-	-	-	-	-	-
Falls City Water & Light Dept	-	-	48	-	-	-	-	-	1	-	*
Falls City (NE)	-	-	48	-	-	-	-	-	1	-	*

See footnotes at and of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	2	-	-	-	-	-	*	-	-	*
Farmer City (IL)	-	2	-	-	-	-	-	*	-	-	*
Farmington City Of	-	-	2,883	8,956	-	-	-	-	36	-	-
Animas (NM)	-	-	2,883	-	-	-	-	-	36	-	-
Navajo (NM)	-	-	-	8,956	-	-	-	-	-	-	-
Farmington River Pwr Co	-	-	-	4,742	-	-	-	-	-	-	-
Rainbow (CT)	-	-	-	4,742	-	-	-	-	-	-	-
Fayette Water & Light Plant	-	60	-	-	-	-	-	*	-	-	*
Fayette (MO)	-	60	-	-	-	-	-	*	-	-	*
Fayetteville, Pub Works Comm											
Of	-	213	10,256	-	-	-	-	1	163	-	71
Pod #2 (NC)	-	213	10,256	-	-	-	-	1	163	-	71
Felt River Rural Elec Coop	-	3	-	-	-	-	-	*	-	-	*
Tipton (IA)	-	3	-	-	-	-	-	*	-	-	*
Fennimore Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Fennimore (WI)	-	-	-	-	-	-	-	-	-	-	*
Fishers Is Elec Corp (the)	-	-	-	-	-	-	-	-	-	-	-
Fishers Isl (NY)	-	-	-	-	-	-	-	-	-	-	-
Fitchburg Gas & Elec Light Co	-	117	-	-	-	-	-	*	-	-	2
Fitchburg (MA)	-	117	-	-	-	-	-	*	-	-	2
Florida Keys Elec Coop Assn Inc											
Marathon (FL)	-	1,061	-	-	-	-	-	2	-	-	3
	-	1,061	-	-	-	-	-	2	-	-	3
Florida Power & Light Company	-	1,622,928	1,089,398	-	1,366,307	-	-	2,548	11,497	-	3,532
Cape Canaveral (FL)	-	201,240	154,373	-	-	-	-	307	1,587	-	315
Cutler (FL)	-	-	14,014	-	-	-	-	-	190	-	-
Fort Meyers (FL)	-	281,433	-	-	-	-	-	435	-	-	423
Lauderdale (FL)	-	2,692	72,594	-	-	-	-	5	896	-	137
Manatee (FL)	-	347,620	-	-	-	-	-	558	-	-	655
Martin (FL)	-	246,760	252,484	-	-	-	-	393	2,628	-	686
Port Everglades (FL)	-	241,816	192,970	-	-	-	-	370	2,022	-	400
Pulnam (FL)	-	218	112,320	-	-	-	-	-	1,111	-	39
Riviera (FL)	-	12,952	125,153	-	-	-	-	21	1,325	-	252
Sanford (FL)	-	200,656	37,651	-	-	-	-	326	431	-	193
St. Lucie (FL)	-	-	-	-	1,058,184	-	-	-	-	-	-
Turkey Point (FL)	-	87,541	127,859	-	308,123	-	-	134	1,305	-	433
Florida Power Corporation	1,463,180	579,068	28,234	-	-	-	550	988	345	997	1,374
* Central Storage *	-	-	-	-	-	-	-	-	-	-	280
Anclole (FL)	-	353,375	-	-	-	-	-	559	-	-	349
Avon Park (FL)	-	-	-	-	-	-	-	-	-	-	-
Bartow, P L (FL)	-	121,590	-	-	-	-	-	209	-	-	208
Bayboro (FL)	-	2,659	-	-	-	-	-	6	-	-	38
Crystal River (FL)	1,463,180	3,655	-	-	-	-	550	5	-	997	16
Debary (FL)	-	21,452	-	-	-	-	-	52	-	-	63
Higgins (FL)	-	18,088	1,319	-	-	-	-	36	16	-	72
Intercession City (FL)	-	16,042	-	-	-	-	-	38	-	-	142
Port St. Joe (FL)	-	-	-	-	-	-	-	-	-	-	-
Rio Pinar (FL)	-	-	-	-	-	-	-	-	-	-	-
Suwannee River (FL)	-	9,819	26,915	-	-	-	-	23	329	-	101
Turner, G E (FL)	-	32,388	-	-	-	-	-	61	-	-	106
Florida Public Utilities Co	-	-	-	-	-	-	-	-	-	-	-
Blue Springs (FL)	-	-	-	-	-	-	-	-	-	-	-
Forest City Municipal Utilities	-	-22,170	-	-	-	-	-	*	-	-	5
Forest City (IA)	-	-22,170	-	-	-	-	-	*	-	-	5
Fort Bend Utilities Company Inc	-	-	2,400	-	-	-	-	-	137	-	-
Fort Bend (TX)	-	-	2,400	-	-	-	-	-	137	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Fort Pierce Utilities Authority	-	51	33,060	-	-	-	-	*	388	-	31
King (FL)	-	51	33,060	-	-	-	-	*	388	-	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 ..	-	-41	-	-	-	-	-	*	-	-	23
Plant No 1 (NY)	-	-41	-	-	-	-	-	*	-	-	2
Plant No 2 (NY)	-	-	-	-	-	-	-	*	-	-	21
Fremont Dept Of Utilities	19,410	-	979	-	-	-	13	-	12	23	2
Fremont No 2 (NE)	19,410	-	979	-	-	-	13	-	12	23	2
Fulton City Of	-	-44	-	-	-	-	-	*	*	-	2
Fulton (MO)	-	-44	-	-	-	-	-	*	*	-	2
Gainesville-Alachua County	136,144	292	47,856	-	-	-	54	1	484	117	67
Deerhaven (FL)	136,144	4	38,702	-	-	-	54	*	352	117	36
Kelly, J R (FL)	-	288	9,154	-	-	-	-	1	132	-	31
Gallatin Light & Water Works	-	-	-	-	-	-	-	-	-	-	-
Gallatin (MO)	-	-	-	-	-	-	-	-	-	-	-
Garkane Power Assn, Inc	-	-	-	2,615	-	-	-	-	-	-	-
Boulder (UT)	-	-	-	2,615	-	-	-	-	-	-	-
Garland City Of	-	-	47,172	-	-	-	-	-	505	-	185
Newman, C E (TX)	-	-	255	-	-	-	-	-	8	-	21
Olinger, Ray (TX)	-	-	46,917	-	-	-	-	-	497	-	164
Garnett City Of	-	2	7	-	-	-	-	*	1	-	1
Garnett (KS)	-	2	7	-	-	-	-	*	1	-	1
Geneseo Municipal Utiliti.s	-	-	-	-	-	-	-	-	-	-	*
Geneseo (IL)	-	-	-	-	-	-	-	-	-	-	*
Georgia Power Co (SC)	5,338,965	9,363	419	145,116	2,064,770	-	2,174	15	7	8,527	447
Arkwright (GA)	29,592	-	185	-	-	-	17	-	2	98	3
Atkinson (GA)	-	-	-220	-	-	-	-	-	-	-	-
Barnett Shoals (GA)	-	-	-	1,270	-	-	-	-	-	-	-
Bartlett Ferry (GA)	-	-	-	35,206	-	-	-	-	-	-	-
Bowen (GA)	1,630,371	702	-	-	-	-	635	1	-	1,598	11
Burton (GA)	-	-	-	2,342	-	-	-	-	-	-	-
Estatoah (GA)	-	-	-	50	-	-	-	-	-	-	-
Flint River (GA)	-	-	-	3,461	-	-	-	-	-	-	-
Goat Rock (GA)	-	-	-	14,269	-	-	-	-	-	-	-
Hammond (GA)	346,636	1,320	-	-	-	-	147	2	-	447	2
Harlee Branch (GA)	895,710	818	-	-	-	-	348	1	-	826	4
Hatch, Edwin I. (GA)	-	-	-	-	543,878	-	-	-	-	-	-
Langdale (GA)	-	-	-	468	-	-	-	-	-	-	-
Lloyd Shoals (GA)	-	-	-	6,756	-	-	-	-	-	-	-
Mcdonough, J (GA)	291,129	434	454	-	-	-	128	1	5	221	117
Mcmanus (GA)	-	-627	-	-	-	-	-	-	-	-	138
Mitchell, W (GA)	67,815	247	-	-	-	-	27	*	-	93	23
Morgan Falls (GA)	-	-	-	5,482	-	-	-	-	-	-	-
Nacoochee (GA)	-	-	-	1,366	-	-	-	-	-	-	-
North Highlands (GA)	-	-	-	11,106	-	-	-	-	-	-	-
Oliver Dam (GA)	-	-	-	19,529	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)	-	-	-	116	-	-	-	-	-	-	-
Scherer (GA)	899,707	4,185	-	-	-	-	358	6	-	1,749	17
Sinclair Dam (GA)	-	-	-	8,099	-	-	-	-	-	-	-
Tallulah Falls (GA)	-	-	-	16,056	-	-	-	-	-	-	-
Terrora (GA)	-	-	-	4,925	-	-	-	-	-	-	-
Tugaloo (GA)	-	-	-	10,188	-	-	-	-	-	-	-
Vogtle (GA)	-	-	-	-	1,520,892	-	-	-	-	-	-
Wallace Dam (GA)	-	-	-	-986	-	-	-	-	-	-	-
Wansley (GA)	596,038	1,586	-	-	-	-	266	3	-	905	29
Wilson (GA)	-	-36	-	-	-	-	-	-	-	-	100
Yates (GA)	581,967	734	-	-	-	-	247	1	-	591	2
Yonah (GA)	-	-	-	5,413	-	-	-	-	-	-	-
Gilman Brothers Co											
Gilman (CT)	-	-	-	8	-	-	-	-	-	-	-
Girard City Of											
Girard (KS)	-	-	-	-	-	-	-	-	-	-	-
Glencoe Mun Electric Plant											
Glencoe (MN)	-	-	-	-	-	-	-	-	-	-	2
Glendale Public Service Dept											
Grayson (CA)	-	-	12,818	-	-	-	-	*	175	-	72
SCAMPP (CA)	-	-	12,818	-	-	-	-	*	175	-	72
Golden Valley Elec Assn, Inc											
Fairbanks (AK)	7,141	6,575	-	-	-	-	6	13	-	*	28
Healy (AK)	-	323	-	-	-	-	-	1	-	-	4
North Pole (AK)	7,141	22	-	-	-	-	6	*	-	*	*
	-	6,230	-	-	-	-	-	12	-	-	23
Goodland Municipal Electric Dep											
Goodland (KS)	-	52	507	-	-	-	-	*	9	-	2
	-	52	507	-	-	-	-	*	9	-	2
Gouverneur Elec Plt											
Gouverneur (NY)	-	-	-	51	-	-	-	-	-	-	-
	-	-	-	51	-	-	-	-	-	-	-
Gowrie Light & Water Plant											
Gowrie (IA)	-	-	-	-	-	-	-	*	-	-	*
	-	-	-	-	-	-	-	*	-	-	*
Graettinger Mun Light Plant											
Graettinger (IA)	-	-	-	-	-	-	-	-	-	-	-
Grafton Light & Water Dept											
Grafton (ND)	-	-	-	-	-	-	-	-	-	-	-
Grand Haven Board Of Lt & Pwr											
Harbor Avenue (MI)	35,413	-8	-	-	-	-	18	*	-	69	10
J B Simms (MI)	-	-8	-	-	-	-	-	*	-	-	10
	35,413	-	-	-	-	-	18	-	-	69	-
Grand Island Water & Light Dept											
Burdick, C W (NE)	4,878	-	14,082	-	-	-	4	-	177	60	57
Platte (NE)	-	-	14,082	-	-	-	-	-	177	-	57
	4,878	-	-	-	-	-	4	-	-	60	-
Grand Junction Mun Lt Plant											
Grand Junction (IA)	-	-	-	-	-	-	-	-	-	-	*
	-	-	-	-	-	-	-	-	-	-	*
Grand Marais, Village Of											
Grand Marais (MN)	-	-1	-	-	-	-	-	*	-	-	*
	-	-1	-	-	-	-	-	*	-	-	*
Grand River Dam Authority											
GRDA No 1 (OK)	308,814	280	2,212	133,471	-	-	191	1	28	571	3
Markham (OK)	308,814	280	2,212	-	-	-	191	1	28	571	3
Pensacola (OK)	-	-	-	63,720	-	-	-	-	-	-	-
Salina (OK)	-	-	-	69,868	-	-	-	-	-	-	-
	-	-	-	-117	-	-	-	-	-	-	-
Granite Falls City Of											
Granite Falls (MN)	-	-	-	245	-	-	-	-	-	-	-
	-	-	-	245	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						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	-	-	-	905,692	-	-	-	-	-	-	-
Priest Rapids (WA)	-	-	-	462,755	-	-	-	-	-	-	-
Quincy Chut (WA)	-	-	-	4,428	-	-	-	-	-	-	-
Wanapum (WA)	-	-	-	438,509	-	-	-	-	-	-	-
Green Mountain Power											
Corporation	-	13	-	18,475	-	-	-	*	-	-	19
Berlin (VT)	-	-	-	-	-	-	-	-	-	-	15
Bolton Falls (VT)	-	-	-	4,529	-	-	-	-	-	-	-
Colchester (VT)	-	2	-	-	-	-	-	*	-	-	2
Essex Junction 19 (VT)	-	-	-	5,079	-	-	-	-	-	-	-
Gorge 18 (VT)	-	-	-	1,896	-	-	-	-	-	-	-
Marshfield 6 (VT)	-	-	-	1,108	-	-	-	-	-	-	-
Middlesex 2 (VT)	-	-	-	2,284	-	-	-	-	-	-	-
Vergennes 9 (VT)	-	11	-	1,189	-	-	-	*	-	-	1
Waterbury 22 (VT)	-	-	-	1,784	-	-	-	-	-	-	-
West Danville 15 (VT)	-	-	-	606	-	-	-	-	-	-	-
Greenfield Municipal Utilities	-	23	-	-	-	-	-	*	-	-	*
Greenfield (IA)	-	23	-	-	-	-	-	*	-	-	*
Greenport Village Of	-	-22	-	-	-	-	-	-	-	-	*
Greenport (NY)	-	-22	-	-	-	-	-	-	-	-	*
Greensburg Mun Lt & Pwr	-	91	1,161	-	-	-	-	*	15	-	1
Greensburg (KS)	-	91	1,161	-	-	-	-	*	15	-	1
Greenville Electric Dept	-	-	9,555	-	-	-	-	-	109	-	22
Steam (TX)	-	-	-22	-	-	-	-	-	1	-	3
Steam (TX)	-	-	9,577	-	-	-	-	-	108	-	20
Greenwood Utilities Commission	78	-	812	-	-	-	*	-	19	5	6
Henderson (MS)	78	-	499	-	-	-	*	-	12	5	5
Wright (MS)	-	-	313	-	-	-	-	-	8	1	2
Gresham Mun Light Plant	-	-	-	297	-	-	-	-	-	-	-
Gresham (WI)	-	-	-	-	-	-	-	-	-	-	-
Lower Weed (WI)	-	-	-	139	-	-	-	-	-	-	-
Upper Weed (WI)	-	-	-	158	-	-	-	-	-	-	-
Grundy Center Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	*
Grundy Center (IA)	-	-	-	-	-	-	-	-	-	-	*
Guadalupe-Blanco River Auth	-	-	-	11,870	-	-	-	-	-	-	-
Abbot Tp 3 (TX)	-	-	-	1,340	-	-	-	-	-	-	-
Canyon (TX)	-	-	-	3,900	-	-	-	-	-	-	-
Dunlap Tp 1 (TX)	-	-	-	2,090	-	-	-	-	-	-	-
H-4 (TX)	-	-	-	1,130	-	-	-	-	-	-	-
H-5 (TX)	-	-	-	1,150	-	-	-	-	-	-	-
Nolte (TX)	-	-	-	1,080	-	-	-	-	-	-	-
Nolte (TX)	-	-	-	1,180	-	-	-	-	-	-	-
Gulf Power Co (SC)	390,711	1,055	5,995	-	-	-	178	2	55	996	12
Crist (FL)	286,766	252	5,995	-	-	-	130	*	55	700	4
Scholz (FL)	28,879	68	-	-	-	-	14	*	-	50	*
Smith (FL)	75,066	735	-	-	-	-	33	1	-	246	8
Gulf States Utilities Company	-	17	1,893,565	60,410	672,099	-	-	*	18,995	185	310
Lewis Creek (TX)	-	-	297,500	-	-	-	-	-	3,208	-	34
Louisiana 1 (LA)	-	-	120,179	-	-	-	-	-	985	-	-
Louisiana 2 (LA)	-	-	-	-	-	-	-	-	-	-	-
Neches (TX)	-	-	-	-	-	-	-	-	-	-	-
Nelson, R S (LA)	-	-	233,649	-	-	-	-	-	2,432	185	97
River Bend (LA)	-	-	-	-	672,099	-	-	-	-	-	-
Sabine (TX)	-	17	885,919	-	-	-	-	*	8,858	-	104
Toledo Bend (TX)	-	-	-	60,410	-	-	-	-	-	-	-
Willow Glen (LA)	-	-	356,338	-	-	-	-	-	3,511	-	75

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	19	-	-	-	-	-	*	-	-	-
Gwitchyaa Zhee (AK)	-	19	-	-	-	-	-	*	-	-	-
GPU Nuclear Corporation	-	-	-	-	949,508	-	-	-	-	-	-
Oyster Creek (NJ)	-	-	-	-	371,051	-	-	-	-	-	-
Three Mile Island (PA)	-	-	-	-	578,457	-	-	-	-	-	-
Hagerstown Mun Elec Lt Plant	-	-	-	-	-	-	-	-	-	-	-
Hagerstown (MD)	-	-	-	-	-	-	-	-	-	-	-
Haines Light And Power Company	-	269	-	-	-	-	-	*	-	-	-
Haines (AK)	-	269	-	-	-	-	-	*	-	-	-
Haistad Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Haistad (MN)	-	-	-	-	-	-	-	-	-	-	*
Hamilton City Of	12,540	20	42	20,177	-	-	7	*	1	23	3
Hamilton (OH)	12,540	20	42	-	-	-	7	*	1	23	3
Hamilton Hydro (OH)	-	-	-	-	-	-	-	-	-	-	-
Vanceburg Hydro (KY)	-	-	-	20,177	-	-	-	-	-	-	-
Hardwick Electric Department	-	2	-	540	-	-	-	*	-	-	*
Hardwick (VT)	-	2	-	-	-	-	-	*	-	-	*
Wolcott (VT)	-	-	-	540	-	-	-	-	-	-	-
Hart Hydro Electric Dept	-	-	-	129	-	-	-	-	-	-	*
Hart (MI)	-	-	-	-	-	-	-	-	-	-	*
Hart Hydro (MI)	-	-	-	129	-	-	-	-	-	-	-
Hartley City Of	-	-	-	-	-	-	-	-	-	-	-
Hartley (IA)	-	-	-	-	-	-	-	-	-	-	-
Hastings Utilities	13,159	55	-	-	-	-	10	*	-	65	7
Don Henry (NE)	-	-	-	-	-	-	-	-	-	-	-
Hastings (NE)	13,159	55	-	-	-	-	10	*	-	65	1
North Denver (NE)	-	-	-	-	-	-	-	-	-	-	4
Hawaii Electric Light Co, Inc	-	48,420	-	1,866	-	-	-	108	-	-	61
Kanoiehuea (HI)	-	2,848	-	-	-	-	-	6	-	-	3
Keahole (HI)	-	8,121	-	-	-	-	-	17	-	-	5
Pohoihi (HI)	-	-	-	-	-	-	-	-	-	-	-
Puna (HI)	-	3,469	-	-	-	-	-	9	-	-	5
Puueo (HI)	-	-	-	1,321	-	-	-	-	-	-	-
Shipman (HI)	-	9,282	-	-	-	-	-	24	-	-	6
W. H. Hill (HI)	-	22,752	-	-	-	-	-	47	-	-	40
Waiau (HI)	-	-	-	545	-	-	-	-	-	-	-
Waimea (HI)	-	1,948	-	-	-	-	-	4	-	-	1
Hawaiian Electric Company, Inc ..	-	548,043	-	-	-	-	-	904	-	-	706
* Central Storage *	-	-	-	-	-	-	-	-	-	-	166
Honolulu (HI)	-	42,038	-	-	-	-	-	80	-	-	77
Kahe (HI)	-	340,772	-	-	-	-	-	538	-	-	316
Waiau (HI)	-	165,233	-	-	-	-	-	286	-	-	147
Hawarden City Of	-	-	-	-	-	-	-	-	-	-	-
Hawarden (IA)	-	-	-	-	-	-	-	-	-	-	-
Haxton City Of	-	-	-	-	-	-	-	-	-	-	-
Haxton (CO)	-	-	-	-	-	-	-	-	-	-	-
Heber Light & Power Plant	-	22	-	1,007	-	-	-	-	-	-	-
Gas Generation (UT)	-	22	-	-	-	-	-	-	-	-	-
Lake Creek (UT)	-	-	-	696	-	-	-	-	-	-	-
Snake Creek (UT)	-	-	-	311	-	-	-	-	-	-	-
Henderson Mun Pwr & Lt	-	-	-	-	-	-	-	-	-	3	*
Henderson (KY)	-	-	-	-	-	-	-	-	-	3	*

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-47	-	-	-	-	-	-	-	-	*
Herrington (KS)	-	-47	-	-	-	-	-	-	-	-	*
Hetchy Hetchy Water & Power	-	-	-	135,822	-	-	-	-	-	-	-
Holm, Dion R (CA)	-	-	-	73,577	-	-	-	-	-	-	-
Kirkwood, Robert C (CA)	-	-	-	32,040	-	-	-	-	-	-	-
Moccasin (CA)	-	-	-	29,965	-	-	-	-	-	-	-
Moccasin Low (CA)	-	-	-	240	-	-	-	-	-	-	-
Hibbing Public Utilities Comm	11,338	-	-	-	-	-	6	-	-	*	-
Hibbing (MN)	11,338	-	-	-	-	-	6	-	-	*	-
Higginsville City Of	-	-	-	-	-	-	-	-	-	-	-
Higginsville (MO)	-	-	-	-	-	-	-	-	-	-	-
Highland City Of	-	30	-	-	-	-	-	*	-	-	1
Highland (IL)	-	30	-	-	-	-	-	*	-	-	1
Hill City City Of	-	-	-	-	-	-	-	*	-	-	1
Hill City (KS)	-	-	-	-	-	-	-	*	-	-	1
Hillsdale Board Of Public Works ..	-	11	431	-	-	-	-	*	4	-	1
Hillsdale (MI)	-	11	431	-	-	-	-	*	4	-	1
Hoisington City Of	-	21	21	-	-	-	-	*	*	-	*
Hoisington (KS)	-	21	21	-	-	-	-	*	*	-	*
Holdrege City Of	-	4	-	-	-	-	-	*	-	-	*
Holdrege (NE)	-	4	-	-	-	-	-	*	-	-	*
Holland Board Of Public Works ...	16,562	197	14,450	-	-	-	9	1	155	25	1
James De Young (MI)	16,562	94	14,450	-	-	-	9	*	155	25	*
6Th Street (MI)	-	103	-	-	-	-	-	*	-	-	1
Holly Town Of	-	-	-	-	-	-	-	-	-	-	-
Holly (CO)	-	-	-	-	-	-	-	-	-	-	-
Holton City Of	-	3	11	-	-	-	-	*	*	-	*
Holton (KS)	-	3	11	-	-	-	-	*	*	-	*
Holyoke Gas & Elec Dept	-	5	49	1,267	-	-	-	*	9	-	15
Cabot-Holyoke (MA)	-	5	49	1,267	-	-	-	*	9	-	15
Holyoke Mun Pwr & Lt Plt	-	-	-	-	-	-	-	-	-	-	-
Holyoke (CO)	-	-	-	-	-	-	-	-	-	-	-
Holyoke Water Power Co (NU)	105,790	39	-	26,355	-	-	39	*	-	64	*
Boatlock (MA)	-	-	-	1,762	-	-	-	-	-	-	-
Chemical (MA)	-	-	-	461	-	-	-	-	-	-	-
Hadley Falls (MA)	-	-	-	21,032	-	-	-	-	-	-	-
Holbrook, Beebe (MA)	-	-	-	124	-	-	-	-	-	-	-
Mt Tom (MA)	105,790	39	-	-	-	-	39	*	-	64	*
Riverside (MA)	-	-	-	2,869	-	-	-	-	-	-	-
Skinner (MA)	-	-	-	107	-	-	-	-	-	-	-
Homer Electric Assn, Inc	-	1	-	-	-	-	-	*	-	-	*
Seldovia (AK)	-	1	-	-	-	-	-	*	-	-	*
Homestead City Of	-	477	5,570	-	-	-	-	1	70	-	7
G W Ivey (FL)	-	477	5,570	-	-	-	-	1	70	-	7
Hoosier Energy, Ind Statewide											
Rec	349,441	187	-	-	-	-	171	*	-	595	7
Merom (IN)	209,894	154	-	-	-	-	108	*	-	515	7
Ratts (IN)	139,547	33	-	-	-	-	63	*	-	80	*

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Including Company) Plant (State)	Generation (megawatthours)						Consumption (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	-	-16	12,699	-	-	-	-	-	194	-	6
Houma (LA)	-	-16	12,699	-	-	-	-	-	194	-	6
Houston Lighting & Power Co	1,743,597	1,527	2,748,119	-	475,291	-	1,201	3	28,065	-	902
* Central Storage *	-	-	-	-	-	-	-	-	-	-	26
Bertron, Sam (TX)	-	-	183,823	-	-	-	-	-	2,065	-	196
Cedar Bayou (TX)	-	1,240	908,292	-	-	-	-	2	8,915	-	319
Clarke, Hiram (TX)	-	-	230	-	-	-	-	-	5	-	-
Deepwater (TX)	-	-	57,262	-	-	-	-	-	628	-	-
Greens Bayou (TX)	-	196	206,950	-	-	-	-	1	2,064	-	112
Limestone (TX)	588,323	-	25,884	-	-	-	475	-	277	-	39
Parish, W A (TX)	1,155,274	-	121,013	-	-	-	725	-	1,413	-	42
Robinson, P H (TX)	-	-	825,894	-	-	-	-	-	8,567	-	120
South Texas (TX)	-	-	-	-	475,291	-	-	-	-	-	-
Webster (TX)	-	-	132,304	-	-	-	-	-	1,360	-	-
Wharton, T H (TX)	-	91	286,467	-	-	-	-	-	2,771	-	48
Hudson Light & Power Dept	-	236	1,244	-	-	-	-	-	13	-	11
Cherry Street (MA)	-	236	1,244	-	-	-	-	-	13	-	11
Hughes Power & Light Company	-	-	-	-	-	-	-	-	-	-	-
Hughes (AK)	-	-	-	-	-	-	-	-	-	-	-
Hugoton City Of	-	175	1,724	-	-	-	-	-	18	-	1
Hugoton (KS)	-	38	308	-	-	-	-	-	3	-	-
Hugoton #2 (KS)	-	137	1,416	-	-	-	-	-	15	-	1
Hutchinson Utilities Comm	-	-	3,699	-	-	-	-	-	37	-	4
Plant No. 1 (MN)	-	-	3,699	-	-	-	-	-	37	-	1
Plant No. 2 (MN)	-	-	-	-	-	-	-	-	-	-	3
Hydro Dev Group Inc	-	-	-	16,971	-	-	-	-	-	-	-
#3 Mill (NY)	-	-	-	446	-	-	-	-	-	-	-
#6 Mill (NY)	-	-	-	441	-	-	-	-	-	-	-
Copenhagen (NY)	-	-	-	1,592	-	-	-	-	-	-	-
Dexter (NY)	-	-	-	2,142	-	-	-	-	-	-	-
Diamond Island (NY)	-	-	-	664	-	-	-	-	-	-	-
Fowler (NY)	-	-	-	559	-	-	-	-	-	-	-
Hailesboro (NY)	-	-	-	1,097	-	-	-	-	-	-	-
Pyrites (NY)	-	-	-	4,620	-	-	-	-	-	-	-
Pyrites #2 (NY)	-	-	-	4,620	-	-	-	-	-	-	-
Theresa (NY)	-	-	-	790	-	-	-	-	-	-	-
Hyrum City Corporation	-	-	-	244	-	-	-	-	-	-	-
Hyrum (UT)	-	-	-	244	-	-	-	-	-	-	-
I-N-N Electric Coop Inc	-	155	-	-	-	-	-	-	-	-	2
I-N-N Electric (AK)	-	155	-	-	-	-	-	-	-	-	2
Idaho Falls Elec Light Dept	-	-	-	27,267	-	-	-	-	-	-	-
City Power Plant (ID)	-	-	-	4,793	-	-	-	-	-	-	-
Gem State (ID)	-	-	-	12,933	-	-	-	-	-	-	-
Lower (ID)	-	-	-	306	-	-	-	-	-	-	-
Lower #1 (ID)	-	-	-	4,735	-	-	-	-	-	-	-
Upper Power Plant (ID)	-	-	-	4,500	-	-	-	-	-	-	-
Idaho Power Company	-	19	-	591,180	-	-	-	-	-	-	13
American Falls (ID)	-	-	-	50,151	-	-	-	-	-	-	-
Bliss (ID)	-	-	-	27,603	-	-	-	-	-	-	-
Brownlee (ID)	-	-	-	181,915	-	-	-	-	-	-	-
Cascade (ID)	-	-	-	839	-	-	-	-	-	-	-
Clear Lake (ID)	-	-	-	1,300	-	-	-	-	-	-	-
Hells Canyon (OR)	-	-	-	155,639	-	-	-	-	-	-	-
Lower Malad (ID)	-	-	-	10,405	-	-	-	-	-	-	-
Lower Salmon (ID)	-	-	-	17,613	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						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)
Idaho Power Company											
Oxbow (OR)	-	-	-	76,137	-	-	-	-	-	-	-
Salmon (ID)	-	19	-	-	-	-	-	-	-	-	-
Shoshone Falls (ID)	-	-	-	4,456	-	-	-	-	-	-	-
Strike, C J (ID)	-	-	-	30,010	-	-	-	-	-	-	-
Swan Falls (ID)	-	-	-	7,695	-	-	-	-	-	-	-
Thousand Springs (ID)	-	-	-	4,822	-	-	-	-	-	-	-
Twin Falls (ID)	-	-	-	1,608	-	-	-	-	-	-	-
Upper Malad (ID)	-	-	-	4,987	-	-	-	-	-	-	-
Upper Salmon (ID)	-	-	-	7,915	-	-	-	-	-	-	-
Upper Salmon (ID)	-	-	-	8,085	-	-	-	-	-	-	-
Wood River (ID)	-	-	-	-	-	-	-	-	-	-	13
Illinois Power Company	1,026,639	3,762	8,424	-	426,785	-	480	6	74	546	35
Baldwin (IL)	641,917	1,163	-	-	-	-	302	2	-	266	6
Clinton (IL)	-	-	-	-	426,785	-	-	-	-	-	-
Havana (IL)	98,028	2,436	-	-	-	-	46	4	-	57	6
Hennepin (IL)	102,350	-	646	-	-	-	47	-	6	165	1
Oglesby (IL)	-	-	-	-	-	-	-	-	-	-	3
Stallings (IL)	-	-24	-	-	-	-	-	-	-	-	5
Vermilion (IL)	49,015	130	-	-	-	-	27	-	-	23	1
Wood River (IL)	135,329	57	7,778	-	-	-	58	-	68	35	12
Imperial City Of	-	-	-	-	-	-	-	-	-	-	-
Imperial (NE)	-	-	-	-	-	-	-	-	-	-	-
Imperial Irrigation District	-	4,853	27,154	31,489	-	-	-	9	324	-	192
Brawley (CA)	-	18	-	-	-	-	-	-	-	-	6
Coachella (CA)	-	-	264	-	-	-	-	-	8	-	14
Double Weir (CA)	-	-	-	136	-	-	-	-	-	-	-
Drop No 1 (CA)	-	-	-	2,195	-	-	-	-	-	-	-
Drop No. 5 (CA)	-	-	-	2,078	-	-	-	-	-	-	-
Drop 2 (CA)	-	-	-	6,759	-	-	-	-	-	-	-
Drop 3 (CA)	-	-	-	6,236	-	-	-	-	-	-	-
Drop 4 (CA)	-	-	-	12,747	-	-	-	-	-	-	-
E Highline (CA)	-	-	-	716	-	-	-	-	-	-	-
El Centro (CA)	-	4,816	26,869	-	-	-	-	9	315	-	154
Pilot Knob (CA)	-	-	-	474	-	-	-	-	-	-	-
Rockwood (CA)	-	19	21	-	-	-	-	-	-	-	17
Turnip (CA)	-	-	-	148	-	-	-	-	-	-	-
Independence City Of	-	-27	-	-	-	-	-	-	-	-	2
Independence (IA)	-	-27	-	-	-	-	-	-	-	-	2
Independence City Of	-	-385	-	-	-	-	-	-	3	66	11
Blue Valley (MO)	-	-228	-	-	-	-	-	-	3	40	5
Jackson Square (MO)	-	-	-	-	-	-	-	-	-	-	2
Missouri City (MO)	-	-160	-	-	-	-	-	-	-	26	-
Station H (MO)	-	-	-	-	-	-	-	-	-	-	2
Station I (MO)	-	3	-	-	-	-	-	-	-	-	2
Indiana & Michigan Power Co											
(AEP)	1,867,046	5,277	-	11,224	1,173,130	-	1,063	10	-	2,444	61
Berrien Springs (MI)	-	-	-	3,668	-	-	-	-	-	-	-
Breed (IN)	-	-	-	-	-	-	-	-	-	361	1
Buchanan (MI)	-	-	-	1,681	-	-	-	-	-	-	-
Cook, Donald C. (MI)	-	-	-	-	1,173,130	-	-	-	-	-	-
Elkhart (IN)	-	-	-	2,210	-	-	-	-	-	-	-
Fourth Street (IN)	-	9	-	-	-	-	-	-	-	-	2
Rockport (IN)	1,519,830	3,429	-	-	-	-	916	7	-	1,511	45
Tanners Creek (IN)	347,216	1,839	-	-	-	-	147	3	-	573	14
Twin Branch (IN)	-	-	-	3,665	-	-	-	-	-	-	-
Indiana-Kentucky Electric Corp	804,951	281	-	-	-	-	377	-	-	475	3
Clifty Creek (IN)	804,951	281	-	-	-	-	377	-	-	475	3
Indianapolis Pwr & Lt Co	952,233	2,308	80	-	-	-	452	5	1	1,430	78
Perry K (IN)	1,879	-	80	-	-	-	3	-	1	6	3

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)	-59	-	-	-	-	-	-	-	-	4	5
Petersburg (IN)	715,915	1,498	-	-	-	-	338	3	-	998	13
Pritchard, H T (IN)	38,758	149	-	-	-	-	20	-	-	91	13
Stout, Elmer W (IN)	195,740	661	-	-	-	-	91	2	-	330	45
Indiana Mun Light & Pwr	-	-55	-4	-	-	-	-	-	-	-	14
Indianola (IA)	-	-55	-4	-	-	-	-	-	-	-	14
Interstate Power Company	192,715	141	7,591	-	-	-	121	-	90	526	21
Dubuque (IA)	23,658	-3	2	-	-	-	14	-	-	22	1
Fox Lake (MN)	15,933	38	7,256	-	-	-	8	-	86	26	17
Hills (MN)	-	-1	-	-	-	-	-	-	-	-	-
Kapp, M L (IA)	17,512	-	333	-	-	-	10	-	4	81	-
Lansing (IA)	135,612	68	-	-	-	-	88	-	-	397	1
Montgomery (MN)	-	49	-	-	-	-	-	-	-	-	2
New Albin (IA)	-	-3	-	-	-	-	-	-	-	-	-
Rushford (MN)	-	-7	-	-	-	-	-	-	-	-	-
Iola Electric System	-	-	-	-	-	-	-	-	-	-	2
Iola (KS)	-	-	-	-	-	-	-	-	-	-	2
Iowa Electric Lt & Pwr Co	85,384	497	2,291	515	310,802	1,379	47	1	38	220	17
Ames (IA)	-	-	-	-	-	-	-	-	-	-	2
Anamosa (IA)	-	-	-	53	-	-	-	-	-	-	-
Arnold, Duane (IA)	-	-	-	-	310,802	-	-	-	-	-	-
Iowa Falls (IA)	-5	-	-	-1	-	-	-	-	-	-	-
Maquoketa (IA)	-	-	-	463	-	-	-	-	-	-	-
Marshalltown (IA)	-	59	-	-	-	-	-	-	-	-	11
Prairie Creek (IA)	53,594	438	22	-	-	-	27	1	-	88	1
Sutherland (IA)	26,731	-	1,230	-	-	-	15	-	15	129	-
6Th Street (IA)	5,064	-	1,039	-	-	1,379	5	-	23	3	2
Iowa Power & Light Co	368,265	748	396	-	-	-	236	4	6	501	31
* Central Storage	-	-	-	-	-	-	-	-	-	-	-
Council Bluffs (IA)	368,265	748	332	-	-	-	236	1	3	501	10
Pleasant Hill (IA)	-	-	-	-	-	-	-	2	-	-	8
River Hills (IA)	-	-	64	-	-	-	-	-	3	-	4
Sycamore (IA)	-	-	-	-	-	-	-	-	-	-	9
Iowa Public Service Co	482,745	676	15,849	-	-	-	304	1	166	1,098	32
Electriform (IA)	-	-	57	-	-	-	-	-	1	-	16
Neal, George (IA)	482,745	676	15,785	-	-	-	304	1	166	1,098	8
Parr (IA)	-	-	7	-	-	-	-	-	-	-	7
Iowa Southern Utilities Co	372,120	1,015	-	-	-	-	222	2	-	930	17
Burlington (IA)	90,009	36	-	-	-	-	47	-	-	199	1
Centerville (IA)	-	17	-	-	-	-	-	-	-	-	-
Ottumwa (IA)	282,111	962	-	-	-	-	175	2	-	731	16
Iowa-Illinois Gas & Electric Co	2,033	-663	-873	1,212	-	-	6	-	11	539	17
Coralville (IA)	-	-	-45	-	-	-	-	-	-	-	-
Louisa (IA)	-	-663	-946	-	-	-	-	-	-	457	11
Manson (IA)	-	-	-	-	-	-	-	-	-	-	-
Moline (IL)	-	-	-53	1,212	-	-	-	-	-	-	6
Riverside (IA)	2,033	-	171	-	-	-	6	-	11	82	-
Ipswich Mun Lt Dept	-	80	167	-	-	-	-	-	2	-	2
Ipswich (MA)	-	80	167	-	-	-	-	-	2	-	2
Jackson Power & Light Dept	-	86	-	-	-	-	-	-	-	-	1
Jackson (MO)	-	86	-	-	-	-	-	-	-	-	1
Jacksonville Electric Authority	805,939	134,063	24,495	-	-	-	302	225	274	416	1,206
Kennedy, J D (FL)	-	32,441	12,771	-	-	-	-	55	131	-	83
Northside (FL)	-	92,684	-	-	-	-	-	154	-	-	928
Southside (FL)	-	6,737	11,724	-	-	-	-	14	143	-	186
St. Johns River	805,939	2,201	-	-	-	-	302	3	-	416	9

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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	19,365	46	-	-	-	-	11	*	-	4	*
Carlson, S A (NY)	19,365	46	-	-	-	-	11	*	-	4	*
Janesville Mun Utilities	-	-	-	-	-	-	-	-	-	-	*
Janesville (MN)	-	-	-	-	-	-	-	-	-	-	*
Jasper Mun Electric Utility	8,586	-	-	-	-	-	6	-	-	3	-
Jasper 2 (IN)	8,586	-	-	-	-	-	6	-	-	3	-
Jersey Central Power & Light Co											
(GPS)	-	24,898	24,108	-8,499	-	-	-	43	347	-	702
Forked River (NJ)	-	46	-	-	-	-	-	*	-	-	20
Gardner, Glen (NJ)	-	6	1,910	-	-	-	-	*	35	-	22
Gilbert (NJ)	-	8,477	16,608	-	-	-	-	8	220	-	435
Sayreville (NJ)	-	13,126	5,590	-	-	-	-	29	92	-	137
Werner (NJ)	-	3,243	-	-	-	-	-	6	-	-	88
Yards Creek (NJ)	-	-	-	-8,499	-	-	-	-	-	-	-
Jetmore City Of	-	-	-	-	-	-	-	-	-	-	*
Jetmore (KS)	-	-	-	-	-	-	-	-	-	-	*
Johnson City Of	-	29	215	-	-	-	-	*	3	-	1
Johnson (KS)	-	29	215	-	-	-	-	*	3	-	1
Julesburg City Of	-	-	-	-	-	-	-	-	-	-	*
Julesburg (CO)	-	-	-	-	-	-	-	-	-	-	*
Kahoka Municipal Power Plant	-	2	9	-	-	-	-	*	*	-	*
Kahoka (MO)	-	2	9	-	-	-	-	*	*	-	*
Kansas City Bd Of Pub Util	135,390	290	556	-	-	-	85	1	7	289	11
Kaw (KS)	12,581	-	556	-	-	-	7	-	7	22	*
Nearman Creek (KS)	73,329	358	-	-	-	-	53	1	-	164	3
Quindaro (KS)	49,480	-68	-	-	-	-	24	-	-	103	7
Kansas City Power & Light Co	1,186,940	1,372	1,339	-	-	-	733	3	14	1,576	123
Grand Ave (MO)	-	-	-	-	-	-	-	-	-	-	-
Hawthorn (MO)	218,153	-	1,339	-	-	-	135	-	14	253	5
Iatan (MO)	328,949	791	-	-	-	-	193	1	-	443	7
La Cygne (KS)	524,770	683	-	-	-	-	324	1	-	644	23
Montrose (MO)	115,068	161	-	-	-	-	80	*	-	237	7
Northeast (MO)	-	-263	-	-	-	-	-	*	-	-	80
Kansas Gas & Electric Co	-	-	61,137	-	-	-	-	-	669	-	271
Evans, Gordon (KS)	-	-	26,990	-	-	-	-	-	304	-	84
Gill, Murray (KS)	-	-	34,147	-	-	-	-	-	365	-	187
Neosho (KS)	-	-	-	-	-	-	-	-	-	-	-
Kansas Power & Light Co	902,818	1,820	98,308	-	-	-	589	3	1,120	2,725	170
Abilene (KS)	-	-	4,126	-	-	-	-	-	56	-	16
Hutchinson (KS)	-	-	92,176	-	-	-	-	-	1,038	-	72
Jeffrey (KS)	727,754	1,820	-	-	-	-	488	3	-	2,279	44
Lawrence (KS)	169,312	-	1,788	-	-	-	97	-	21	309	17
Tecumseh (KS)	5,752	-	218	-	-	-	4	-	5	138	21
Kauai Electric Company	-	20,161	-	-	-	-	-	39	-	-	-
Port Allen (HI)	-	20,161	-	-	-	-	-	39	-	-	-
Kaukauna City Of	-	-	-	10,899	-	-	-	-	-	-	1
Combined Locks (WI)	-	-	-	3,359	-	-	-	-	-	-	-
Kaukauna (WI)	-	-	-	-	-	-	-	-	-	-	1
Kaukauna Hydro (WI)	-	-	-	2,976	-	-	-	-	-	-	-
Little Chute (WI)	-	-	-	1,731	-	-	-	-	-	-	-
New Badger (WI)	-	-	-	1,271	-	-	-	-	-	-	-
Old Badger (WI)	-	-	-	414	-	-	-	-	-	-	-
Rapide Croche (WI)	-	-	-	1,148	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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 ..	-	-33,400	-	-	-	-	-	*	7	-	9
Kennett (MO)	-	-33,400	-	-	-	-	-	*	7	-	9
Kentucky Power Co (AEP)	339,919	1,426	-	-	-	-	133	2	-	806	9
Big Sandy (KY)	339,919	1,426	-	-	-	-	133	2	-	806	9
Kentucky Utilities Company	1,015,314	474	-	4,381	-	-	444	4	-	1,566	36
Brown, E W (KY)	207,763	50	-	-	-	-	87	1	-	345	9
Dix Dam (KY)	-	-	-	3,254	-	-	-	-	-	-	-
Ghent (KY)	714,892	495	-	-	-	-	310	2	-	1,108	14
Green River (KY)	91,663	23	-	-	-	-	46	*	-	88	3
Haefling (KY)	-	-3	-	-	-	-	-	*	-	-	6
Lock 7 (KY)	-	-	-	1,127	-	-	-	-	-	-	-
Pineville (KY)	-13	-	-	-	-	-	-	-	-	6	*
Tyrone (KY)	1,009	-91	-	-	-	-	1	*	-	19	3
Kenyon Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Kenyon (MN)	-	-	-	-	-	-	-	-	-	-	-
Ketchikan Public Utilities	-	-98	-	9,481	-	-	-	*	-	-	5
Beaver Falls (AK)	-	-	-	3,392	-	-	-	-	-	-	-
Ketchikan (AK)	-	-	-	1,630	-	-	-	-	-	-	-
Ketchikan (AK)	-	-80	-	-	-	-	-	*	-	-	5
Silvis (AK)	-	-	-	843	-	-	-	-	-	-	-
Swan Lake (AK)	-	-	-	3,616	-	-	-	-	-	-	-
Totem Bight (AK)	-	-18	-	-	-	-	-	-	-	-	*
Key West, City Of	-	11,877	-	-	-	-	-	29	-	-	62
Big Pine (FL)	-	-	-	-	-	-	-	-	-	-	1
Cudjoe (FL)	-	45	-	-	-	-	-	*	-	-	1
Key West (FL)	-	466	-	-	-	-	-	3	-	-	32
Stock Island (FL)	-	11,366	-	-	-	-	-	26	-	-	28
Kimball City Of	-	1	8	-	-	-	-	*	*	-	*
Kimball (NE)	-	1	8	-	-	-	-	*	*	-	*
Kimballton Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Kimballton (IA)	-	-	-	-	-	-	-	-	-	-	-
Kingfisher City Of	-	38	-	-	-	-	-	*	-	-	*
Kingfisher (OK)	-	38	-	-	-	-	-	*	-	-	*
Kingman City Of	-	241	2,358	-	-	-	-	*	29	-	1
Kingman (KS)	-	241	2,358	-	-	-	-	*	29	-	1
Kings River Construction Dist	-	-	-	852	-	-	-	-	-	-	-
Pine Flat (CA)	-	-	-	852	-	-	-	-	-	-	-
Kissimmee City Of	-	14	12,794	-	-	-	-	*	153	-	13
Kissimmee (FL)	-	14	12,794	-	-	-	-	*	153	-	13
Kodiak Electric Assn, Inc	-	-49	-	9,830	-	-	-	*	-	-	1
Kodiak A (AK)	-	-42	-	-	-	-	-	*	-	-	1
Port Lions (AK)	-	-7	-	-	-	-	-	-	-	-	*
Terror Lake (AK)	-	-	-	9,830	-	-	-	-	-	-	-
Kotzebue Electric Assn, Inc	-	1,184	-	-	-	-	-	2	-	-	16
Kotzebue (AK)	-	1,184	-	-	-	-	-	2	-	-	16
La Crosse City Of	-	-	-	-	-	-	-	-	-	-	-
Larned (KS)	-	-	-	-	-	-	-	-	-	-	-
La Junta Municipal Utilities	-	-153	-	-	-	-	-	*	*	-	4
La Junta (CO)	-	-153	-	-	-	-	-	*	*	-	4
La Plata Electric Assn, The	-	-	-	-	-	-	-	*	-	-	*
La Plata (MO)	-	-	-	-	-	-	-	*	-	-	*

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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 ..	-	-	-	-	-	-	-	-	-	-	*
La Porte (IA)	-	-	-	-	-	-	-	-	-	-	*
Lafayette Utility System	-	-	27,825	-	-	-	-	-	328	-	122
Doc Bonin (LA)	-	-	27,875	-	-	-	-	-	328	-	122
Rodemacher (LA)	-	-	-50	-	-	-	-	-	-	-	-
Lake Crystal Mun Utilities Co	-	-	2	-	-	-	-	*	*	-	*
Lake Crystal (MN)	-	-	2	-	-	-	-	*	*	-	*
Lake Lure Elec Pwr Facility	-	-	-	975	-	-	-	-	-	-	-
Lake Lure (NC)	-	-	-	975	-	-	-	-	-	-	-
Lake Mills Mun Light Plant	-	-38	-	-	-	-	-	-	-	-	*
Lake Mills (IA)	-	-38	-	-	-	-	-	-	-	-	*
Lake Park Mun Utilities	-	-	-	-	-	-	-	-	-	-	-
Lake Park (IA)	-	-	-	-	-	-	-	-	-	-	-
Lake Worth Utilities Authority	-	36	6,495	-	-	-	-	*	93	-	22
Smith, Tom G (FL)	-	36	6,495	-	-	-	-	*	93	-	22
Lakeland, Cty Of Dpt Of Elec & Wtr	233,269	20,203	31,441	-	-	-	97	39	355	119	185
Larsen Memorial (FL)	-	61	186	-	-	-	-	1	3	-	58
McIntosh, C D (FL)	233,269	20,142	31,255	-	-	-	97	38	352	119	127
Lamar Utilities Brd Of	-	-	7,395	-	-	-	-	-	100	-	6
Lamar (CO)	-	-	7,395	-	-	-	-	-	100	-	6
Lamoni Municipal Utilities	-	-	-	-	-	-	-	-	-	-	*
Lamoni (IA)	-	-	-	-	-	-	-	-	-	-	*
Lansboro Public Utilities	-	-	-	-	-	-	-	-	-	-	-
Lansboro (MN)	-	-	-	-	-	-	-	-	-	-	-
Lansing Board Of Wtr & Lt	197,022	317	-	171	-	-	80	1	-	227	1
Eckert Station (MI)	95,057	298	-	-	-	-	43	1	-	29	1
Erickson (MI)	102,202	19	-	-	-	-	38	*	-	187	1
Moore's Park (MI)	-	-	-	174	-	-	-	-	-	-	-
North Lansing (MI)	-	-	-	-3	-	-	-	-	-	-	-
Ottawa Street (MI)	-237	-	-	-	-	-	-	-	-	11	*
Larned Mun Power Plant	-	1	6	-	-	-	-	*	*	-	5
Larned (KS)	-	-	-	-	-	-	-	-	-	-	-
Larned (KS)	-	1	6	-	-	-	-	*	*	-	5
Larsen Bay City Of	-	38	-	-	-	-	-	*	-	-	*
Larsen (AK)	-	38	-	-	-	-	-	*	-	-	*
Las Animas Mun Lt & Pwr	-	-16	-	-	-	-	-	*	*	-	*
Las Animas (CO)	-	-16	-	-	-	-	-	*	*	-	*
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
Lebanon (OH)	-	-	-	-	-	-	-	-	-	-	1

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Lenox Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Lenox (IA)	-	-	-	-	-	-	-	-	-	-	-
Lewes Board Of Public Works	-	-	-	-	-	-	-	-	-	-	-
Lewes (DE)	-	-	-	-	-	-	-	-	-	-	-
Lincoln City Of	-	1	1	-	-	-	-	*	*	-	1
Lincoln (KS)	-	1	1	-	-	-	-	*	*	-	1
Lincoln Electric Sys	-	-	-	-	-	-	-	-	-	-	18
Lincoln J Street (NE)	-	-	-	-	-	-	-	-	-	-	3
Rokeyby (NE)	-	-	-	-	-	-	-	-	-	-	15
Lindsay Public Works Authority ..	-	4	86	-	-	-	-	*	3	-	*
Lindsay (OK)	-	4	86	-	-	-	-	*	3	-	*
Litchfield City Of	-	2	1	-	-	-	-	*	*	-	*
Litchfield (MN)	-	2	1	-	-	-	-	*	*	-	*
Livingston City Of	-	-	-	-	-	-	-	-	-	-	-
Livingston (MT)	-	-	-	-	-	-	-	-	-	-	-
Lockhart Power Company	-	-	-	7,936	-	-	-	-	-	-	-
Lockhart (SC)	-	-	-	7,936	-	-	-	-	-	-	-
Lodgepole City Of	-	-	-	-	-	-	-	-	-	-	-
Lodgepole (NE)	-	-	-	-	-	-	-	-	-	-	-
Logan City Municipal Elect Light	-	-	-	-	-	-	-	-	-	-	-
Pit	-	10	-	2,926	-	-	-	*	-	-	2
Logan (UT)	-	-	-	731	-	-	-	-	-	-	-
Logan 2 (UT)	-	-	-	2,195	-	-	-	-	-	-	-
Logon Diesel (UT)	-	10	-	-	-	-	-	*	-	-	2
Logansport Municipal Utilities	8,143	-	-	-	-	-	5	-	-	2	3
Logansport (IN)	8,143	-	-	-	-	-	5	-	-	2	3
Long Island Lighting Company	-	647,764	296,128	-	-	-	-	1,070	3,131	-	1,915
Barrett, E F (NY)	-	19,490	187,624	-	-	-	-	33	1,921	-	263
Brookhaven (NY)	-	2,757	-	-	-	-	-	6	-	-	41
East Hampton (NY)	-	62	-	-	-	-	-	*	-	-	4
Far Rockway (NY)	-	12,043	29,704	-	-	-	-	21	309	-	35
Glenwood (NY)	-	1,294	78,800	-	-	-	-	20	900	-	134
Holbrook (NY)	-	10,793	-	-	-	-	-	25	-	-	82
Montauk (NY)	-	-4	-	-	-	-	-	-	-	-	1
Northport (NY)	-	417,973	-	-	-	-	-	660	-	-	980
Port Jefferson (NY)	-	183,418	-	-	-	-	-	305	-	-	336
Shoreham (NY)	-	-87	-	-	-	-	-	-	-	-	23
Southampton (NY)	-	-4	-	-	-	-	-	*	-	-	3
Southold (NY)	-	-6	-	-	-	-	-	*	-	-	3
West Babylon (NY)	-	35	-	-	-	-	-	*	-	-	11
Longmont City Of	-	-	-	192	-	-	-	-	-	-	-
Longmont (CO)	-	-	-	192	-	-	-	-	-	-	-
Los Angeles Dept Of Water And	-	-	-	-	-	-	-	-	-	-	-
Power	1,108,691	53,610	272,282	45,851	-	-	443	91	2,774	1,243	958
Big Pine Creek (CA)	-	-	-	1,409	-	-	-	-	-	-	-
Castaic (CA)	-	-	-	12,655	-	-	-	-	-	-	-
Control Gorge (CA)	-	-	-	7,355	-	-	-	-	-	-	-
Cottonwood (CA)	-	-	-	793	-	-	-	-	-	-	-
Division Creek (CA)	-	-	-	285	-	-	-	-	-	-	-
Foothill (CA)	-	-	-	2,503	-	-	-	-	-	-	-
Franklin Canyon (CA)	-	-	-	237	-	-	-	-	-	-	-
Halwee (CA)	-	-	-	1,423	-	-	-	-	-	-	-
Harbor (CA)	-	-	-1,277	-	-	-	-	*	3	-	17
Haynes (CA)	-	37,400	113,491	-	-	-	-	64	1,130	-	117
Intermountain (UT)	1,108,691	1,207	-	-	-	-	443	2	-	1,243	12

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)	-	-	-	7,368	-	-	-	-	-	-	-
Pleasant Valley (CA)	-	-	-	509	-	-	-	-	-	-	-
San Fernando (CA)	-	-	-	87	-	-	-	-	-	-	-
San Francisquito 1 (CA)	-	-	-	4,569	-	-	-	-	-	-	-
San Francisquito 2 (CA)	-	-	-	179	-	-	-	-	-	-	-
Sawtelle (CA)	-	-	-	-	-	-	-	-	-	-	-
Scattergood (CA)	-	15,003	159,688	-	-	-	-	25	1,612	-	411
Upper Gorge (CA)	-	-	-	6,479	-	-	-	-	-	-	-
Valley (CA)	-	-	380	-	-	-	-	-	29	-	401
Louisiana Power & Light Co (MSU)	-	6,089	841,179	-	805,194	-	-	9	8,809	-	652
Buras (LA)	-	-	67	-	-	-	-	-	1	-	2
Little Gypsy (LA)	-	750	299,092	-	-	-	-	1	3,127	-	115
Monroe (LA)	-	-	-	-	-	-	-	-	-	-	-
Nine Mile Point (LA)	-	2,004	386,841	-	-	-	-	3	3,976	-	237
Sterlington (LA)	-	1,193	12,753	-	-	-	-	2	131	-	23
Thibodaux (LA)	-	-	-	-	-	-	-	-	-	-	-
Waterford (LA)	-	-	-	-	805,194	-	-	-	-	-	-
Waterford (LA)	-	2,142	142,431	-	-	-	-	3	1,574	-	76
Louisville Gas & Electric Co	749,209	1,949	942	20,158	-	-	338	3	10	593	14
Cane Run (KY)	158,382	-	501	-	-	-	72	-	5	135	2
Mill Creek (KY)	590,827	1,949	390	-	-	-	266	3	4	458	11
Ohio Falls (KY)	-	-	-	20,158	-	-	-	-	-	-	-
Paddys Run (KY)	-	-	32	-	-	-	-	-	1	-	-
Waterside (KY)	-	-	5	-	-	-	-	-	-	-	-
Zorn (KY)	-	-	14	-	-	-	-	-	-	-	-
Lowell Light & Power	-	-	-	-	-	-	-	-	-	-	-
Lowell (MI)	-	-	-	-	-	-	-	-	-	-	-
Lower Colorado River Authority	677,507	1,733	265,601	63,458	-	-	281	2	2,627	2,760	181
Austin (TX)	-	-	-	5,931	-	-	-	-	-	-	-
Buchanan (TX)	-	-	-	11,288	-	-	-	-	-	-	-
Granite Shoals (TX)	-	-	-	13,473	-	-	-	-	-	-	-
Inks (TX)	-	-	-	5,253	-	-	-	-	-	-	-
Mansfield (TX)	-	-	-	19,512	-	-	-	-	-	-	-
Marble Falls (TX)	-	-	-	8,001	-	-	-	-	-	-	-
Sam K Seymour, Jr (TX)	677,507	1,733	-	-	-	-	281	2	-	2,760	2
Sim Gideon (TX)	-	-	128,372	-	-	-	-	-	1,316	-	95
T. C. Ferguson (TX)	-	-	137,229	-	-	-	-	-	1,311	-	85
Lower Valley Power & Light, Inc.	-	-	-	929	-	-	-	-	-	-	-
Strawberry Creek (WY)	-	-	-	929	-	-	-	-	-	-	-
Lubbock City Of (Power & Light Dept)	-	-	56,620	-	-	-	-	-	667	-	10
Holly Ave (TX)	-	-	56,654	-	-	-	-	-	667	-	10
Plant 2 (TX)	-	-	-34	-	-	-	-	-	-	-	-
Luverne City Of	-	-	-	-	-	-	-	-	-	-	1
Luverne (MN)	-	-	-	-	-	-	-	-	-	-	1
Lyndonville Electric Department	-	-	-	862	-	-	-	-	-	-	-
Great Falls (VT)	-	-	-	635	-	-	-	-	-	-	-
Vail (VT)	-	-	-	227	-	-	-	-	-	-	-
M & A Electric Power Cooperative	-	-27	-	-	-	-	-	-	-	-	1
Green Forest (MO)	-	-27	-	-	-	-	-	-	-	-	1
Macon Municipal Utilities	-	12	-	-	-	-	-	-	-	-	-
Macon (MO)	-	12	-	-	-	-	-	-	-	-	-
Madella Mun Lt & Pwr Plant	-	12	-	-	-	-	-	-	-	-	-
Madella (MN)	-	12	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Madison City Of	-	-	-	198	-	-	-	-	-	-	-
Norridgewick (ME)	-	-	-	198	-	-	-	-	-	-	-
Madison Gas & Electric Co	6,317	-	795	-	-	528	3	-	28	28	14
Blount Street (WI)	6,317	-	816	-	-	528	3	-	28	28	3
Fitchburg (WI)	-	-	-	-	-	-	-	-	-	-	5
Nine Springs (WI)	-	-	-11	-	-	-	-	-	-	-	1
Sycamore (WI)	-	-	-10	-	-	-	-	-	-	-	5
Madison Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Madison (MN)	-	-	-	-	-	-	-	-	-	-	-
Maine Public Service Co	-	-58	-	562	-	-	-	-	-	-	21
Caribou (ME)	-	-27	-	450	-	-	-	-	-	-	20
Flos Inn (ME)	-	-26	-	-	-	-	-	-	-	-	-
Houlton (ME)	-	-5	-	-	-	-	-	-	-	-	-
Squa Pan (ME)	-	-	-	112	-	-	-	-	-	-	-
Maine Yankee Atomic Power Company	-	-	-	-	-	-	-	-	-	-	-
Maine Yankee (ME)	-	-	-	-	-	-	-	-	-	-	-
Malden City Of	-	-	-	-	-	-	-	-	-	-	1
Malden (MO)	-	-	-	-	-	-	-	-	-	-	1
Mangum City Of	-	2	13	-	-	-	-	-	-	-	-
Mangum (OK)	-	2	13	-	-	-	-	-	-	-	-
Manilla Mun Service Dept	-	-	-	-	-	-	-	-	-	-	-
Manilla (IA)	-	-	-	-	-	-	-	-	-	-	-
Manitowoc Public Utilities	12,579	8	-	-	-	-	7	-	-	22	1
Manitowoc (WI)	12,579	8	-	-	-	-	7	-	-	22	1
Manley Utility Company Inc	-	21	-	-	-	-	-	-	-	-	-
Manley (AK)	-	21	-	-	-	-	-	-	-	-	-
Manning Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Manning (IA)	-	-	-	-	-	-	-	-	-	-	-
Manti City Corp Light & Power Dept	-	-	-	769	-	-	-	-	-	-	-
Lower (UT)	-	-	-	401	-	-	-	-	-	-	-
Manti (UT)	-	-	-	368	-	-	-	-	-	-	-
Maquoketa Mun Lt & Pwr	-	-	-25	-	-	-	-	-	-	-	1
Maquoketa (IA)	-	-	-25	-	-	-	-	-	-	-	1
Marblehead Municipal Light Dept	-	51	-	-	-	-	-	-	-	-	-
Commerce St 2 (MA)	-	8	-	-	-	-	-	-	-	-	-
Wilkins Station (MA)	-	43	-	-	-	-	-	-	-	-	-
Marquette Bd Of Lt & Pwr	16,923	33	-	1,752	-	-	12	-	-	64	8
Plant Four (MI)	-	-	-	-	-	-	-	-	-	-	5
Plant Two (MI)	-	-	-	1,334	-	-	-	-	-	-	-
Russell, Frank J (MI)	-	-	-	418	-	-	-	-	-	-	-
Shiras (MI)	16,923	33	-	-	-	-	12	-	-	64	1
Marshall City Wtr & Elec Works	-	14	29	189	-	-	-	-	-	-	-
Marshall (MI)	-	14	29	189	-	-	-	-	-	-	-
Marshall Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Marshall (MN)	-	-	-	-	-	-	-	-	-	-	-
Marshall Municipal Utilities	6,493	-	-	-	-	-	4	-	-	1	5
Marshall (MO)	6,493	-	-	-	-	-	4	-	-	1	5
Marshfield Electric & Water Dept	-	-	-	-	-	-	-	-	-	7	3
Wildwood (WI)	-	-	-	-	-	-	-	-	-	7	3

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Martinsville Electric Department ..	-	-	-	647	-	-	-	-	-	-	-
Martinsville (VA)	-	-	-	647	-	-	-	-	-	-	-
Mascoutah City Of (Pwr & Lt Dept)	-	44	-	-	-	-	-	-	-	-	1
Mascoutah (IL)	-	44	-	-	-	-	-	-	-	-	1
Mass Mun Wholesale Electric Company	-	30,526	59,100	-	-	-	-	13	701	-	303
Stonybrook (MA)	-	30,526	59,100	-	-	-	-	13	701	-	303
Maul Electric Co, Ltd	-	57,175	-	-	-	1,246	-	105	-	-	127
Cook (HI)	-	1,335	-	-	-	1,246	-	2	-	-	-
Kahului (HI)	-	17,732	-	-	-	-	-	39	-	-	58
Maalaea (HI)	-	38,108	-	-	-	-	-	63	-	-	69
Mcgrath Light & Power Co	-	237	-	-	-	-	-	-	-	-	3
Mcgrath (AK)	-	237	-	-	-	-	-	-	-	-	3
Mcgregor Municipal Utilities	-	1	-	-	-	-	-	-	-	-	1
Mc Gregor (IA)	-	1	-	-	-	-	-	-	-	-	1
Mcleansboro City Of	-	-	-	-	-	-	-	-	-	-	-
Mc Leansboro (IL)	-	-	-	-	-	-	-	-	-	-	-
Mcpheerson Board Of Public Util ..	-	-	394	-	-	-	-	-	5	-	30
Plant No. 1 (KS)	-	-	-	-	-	-	-	-	-	-	-
Plant No. 2 (KS)	-	-	394	-	-	-	-	-	5	-	29
Meade City Of	-	123	1,100	-	-	-	-	-	10	-	-
Meade (KS)	-	123	1,100	-	-	-	-	-	10	-	-
Medina Electric Coop, Inc	-	-	-	-	-	-	-	-	-	-	-
Pearsall (TX)	-	-	-	-	-	-	-	-	-	-	-
Melrose Water, Lt & Pwr & Bldg Comm	-	-	-	-	-	-	-	-	-	-	-
Melrose (MN)	-	-	-	-	-	-	-	-	-	-	-
Memphis Lt Gas & Wtr Division ...	-	2	-	-	-	-	-	-	-	-	1
Memphis (MO)	-	2	-	-	-	-	-	-	-	-	1
Menasha Electric & Water Utilities	444	-	-	-	-	-	-	-	-	1	-
Menasha (WI)	444	-	-	-	-	-	-	-	-	1	-
Merced Irrigation District	-	-	-	18,746	-	-	-	-	-	-	-
Canal Creek (CA)	-	-	-	-	-	-	-	-	-	-	-
Exchequer (CA)	-	-	-	15,012	-	-	-	-	-	-	-
Fairfield (CA)	-	-	-	338	-	-	-	-	-	-	-
Mcswain (CA)	-	-	-	2,685	-	-	-	-	-	-	-
Parker (CA)	-	-	-	711	-	-	-	-	-	-	-
Merrilan Light & Water Dept	-	-	-	-	-	-	-	-	-	-	-
Merrilan (WI)	-	-	-	-	-	-	-	-	-	-	-
Metlakatla Power & Light	-	645	-	1,124	-	-	-	1	-	-	4
Centennial (AK)	-	651	-	-	-	-	-	1	-	-	3
Chester Lake (AK)	-	-	-	431	-	-	-	-	-	-	-
Fairbanks Morse (AK)	-	-6	-	-	-	-	-	-	-	-	-
Leffel Turbine (AK)	-	-	-	693	-	-	-	-	-	-	-
Metropolitan Edison Co (GPS)	216,928	2,420	1,549	14,231	-	-	86	3	24	175	43
Hamilton (PA)	-	35	-	-	-	-	-	-	-	-	2
Hunterstown (PA)	-	-	595	-	-	-	-	-	8	-	9
Mountain (PA)	-	-	800	-	-	-	-	-	12	-	6
Orrtanna (PA)	-	10	-	-	-	-	-	-	-	-	4
Portland (PA)	150,657	1,710	31	-	-	-	58	2	1	103	10

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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)											
Shawnee (PA)	-	49	-	-	-	-	-	-	-	-	3
Titus (PA)	66,271	594	123	-	-	-	28	1	3	72	4
Tolna (PA)	-	22	-	-	-	-	-	-	-	-	5
Yorkhaven (PA)	-	-	-	14,231	-	-	-	-	-	-	-
Metropolitan Wtr Dist Of So Calif	-	-	-	37,870	-	-	-	-	-	-	-
Corona (CA)	-	-	-	1,437	-	-	-	-	-	-	-
Coyote Creek (CA)	-	-	-	1,176	-	-	-	-	-	-	-
Foothill Feeder (CA)	-	-	-	5,424	-	-	-	-	-	-	-
Greg Avenue (CA)	-	-	-	115	-	-	-	-	-	-	-
Lake Mathews (CA)	-	-	-	2,778	-	-	-	-	-	-	-
Perris (CA)	-	-	-	3,015	-	-	-	-	-	-	-
Red Mountain (CA)	-	-	-	3,258	-	-	-	-	-	-	-
Rio Hondo (CA)	-	-	-	928	-	-	-	-	-	-	-
San Dimas (CA)	-	-	-	6,525	-	-	-	-	-	-	-
Sepulv Cyn (CA)	-	-	-	4,931	-	-	-	-	-	-	-
Temescal (CA)	-	-	-	1,575	-	-	-	-	-	-	-
Valley View (CA)	-	-	-	108	-	-	-	-	-	-	-
Venice (CA)	-	-	-	3,384	-	-	-	-	-	-	-
Yorba Linda (CA)	-	-	-	3,216	-	-	-	-	-	-	-
Mich So Central Pwr Agency	11,612	147	-	-	-	-	7	*	-	56	1
Project I (MI)	11,612	147	-	-	-	-	7	*	-	56	1
Michigan Power Company (AEP)	-	-	-	1,342	-	-	-	-	-	-	-
Constantine (MI)	-	-	-	416	-	-	-	-	-	-	-
Mottville (MI)	-	-	-	926	-	-	-	-	-	-	-
Mid-State Service Company	-	-	-	293	-	-	-	-	-	-	-
Irving (MI)	-	-	-	293	-	-	-	-	-	-	-
Middleville (MI)	-	-	-	-	-	-	-	-	-	-	-
Midwest Energy Inc	-	-93	-21	-	-	-	-	*	-	-	24
Atwood (KS)	-	-1	-	-	-	-	-	-	-	-	-
Bird City (KS)	-	-13	-	-	-	-	-	-	-	-	-
Colby (KS)	-	-28	-	-	-	-	-	-	-	-	6
Ellis (KS)	-	-4	-	-	-	-	-	-	-	-	1
Great Bend (KS)	-	-13	-	-	-	-	-	-	-	-	-
Hays (KS)	-	-32	-	-	-	-	-	-	-	-	5
Hoxie (KS)	-	-1	-	-	-	-	-	-	-	-	-
Ross Beach (KS)	-	-	-21	-	-	-	-	-	-	-	11
Wakeeney (KS)	-	-1	-	-	-	-	-	-	-	-	-
Milford Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Milford (IA)	-	-	-	-	-	-	-	-	-	-	-
Minden City Of	-	13	3	-	-	-	-	*	*	-	2
Minden (LA)	-	13	3	-	-	-	-	*	*	-	2
Minneapolis City Of	-	1	25	-	-	-	-	*	*	-	*
Minneapolis (KS)	-	1	25	-	-	-	-	*	*	-	*
Minnesota Power & Light Co	430,186	1,780	-	74,843	-	-	266	4	-	677	7
Aurora (MN)	3,420	19	-	-	-	-	3	*	-	56	*
Blanchard (MN)	-	-	-	11,307	-	-	-	-	-	-	-
Boswell, Clay (MN)	426,766	1,761	-	-	-	-	262	4	-	620	7
Fond Du Lac (MN)	-	-	-	7,286	-	-	-	-	-	-	-
Hibbard, M L (MN)	-	-	-	-	-	-	-	-	-	-	-
Knife Falls (MN)	-	-	-	1,398	-	-	-	-	-	-	-
Little Falls (MN)	-	-	-	3,417	-	-	-	-	-	-	-
Pillager (MN)	-	-	-	1,208	-	-	-	-	-	-	-
Prairie River (MN)	-	-	-	557	-	-	-	-	-	-	-
Scanlon (MN)	-	-	-	955	-	-	-	-	-	-	-
Sylvan (MN)	-	-	-	1,231	-	-	-	-	-	-	-
Thompson (MN)	-	-	-	44,705	-	-	-	-	-	-	-
Winton (MN)	-	-	-	2,779	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Minnkota Power Coop, Inc	438,804	65	-	-	-	-	361	*	-	604	7
Grand Forks (ND)	-	-	-	-	-	-	-	-	-	-	-
Harwood (ND)	-	-	-	-	-	-	-	-	-	-	-
Hawley (MN)	-	-	-	-	-	-	-	-	-	-	-
Lerfald (ND)	-	-	-	-	-	-	-	-	-	-	-
Young, Milton R (ND)	438,804	65	-	-	-	-	361	*	-	604	6
Mississippi Power & Light Co (MSU)	-	11,193	45,035	-	-	-	-	23	514	-	685
Andrus (MS)	-	-932	-	-	-	-	-	-	-	-	301
Brown, Rex (MS)	-	20	45,035	-	-	-	-	-	514	-	44
Delta (MS)	-	-198	-	-	-	-	-	-	-	-	62
Natchez (MS)	-	-94	-	-	-	-	-	-	-	-	19
Wilson, B (MS)	-	12,397	-	-	-	-	-	23	-	-	259
Mississippi Power Co (SC)	763,213	831	195,229	-	-	-	314	2	2,408	807	71
Daniel, Victor J Jr. (MS)	308,856	513	-	-	-	-	129	1	-	541	3
Eaton (MS)	-	-	7,467	-	-	-	-	-	108	-	-
Standard Oil (MS)	-	-	42,777	-	-	-	-	-	1,069	-	-
Sweatt (MS)	-	318	809	-	-	-	-	1	16	-	36
Watson (MS)	454,357	-	144,176	-	-	-	185	-	1,214	266	32
Missouri Public Service Co	156,302	188	-164	-	-	-	68	*	-	248	77
Green, Ralph (MO)	-	-	-154	-	-	-	-	-	-	-	-
Greenwood (MO)	-	-130	-	-	-	-	-	-	-	-	72
Kci (MO)	-	-	-10	-	-	-	-	-	-	-	-
Nevada (MO)	-	-7	-	-	-	-	-	-	-	-	6
Sibley (MO)	156,302	325	-	-	-	-	68	*	-	248	-
Modesto Irrigation Dist	-	-	-	118	-	-	-	-	-	-	15
McClure (CA)	-	-	-	-	-	-	-	-	-	-	15
New Hogan (CA)	-	-	-	-	-	-	-	-	-	-	-
Stone Drop (CA)	-	-	-	118	-	-	-	-	-	-	-
Monongahela Power Co (APS)	2,369,077	9,665	1,351	-	-	-	920	13	10	2,139	16
Albright (WV)	112,532	379	-	-	-	-	48	1	-	170	1
Fort Martin (WV)	549,417	5,033	-	-	-	-	206	6	-	471	5
Harrison (WV)	1,193,963	-	1,351	-	-	-	440	-	10	795	1
Pleasants (WV)	425,042	3,833	-	-	-	-	185	6	-	588	7
Rivesville (WV)	26,931	195	-	-	-	-	14	*	-	55	1
Willow Island (WV)	61,192	225	-	-	-	-	26	*	-	60	-
Monroe City Of	-	4	-	-	-	-	-	*	-	-	1
Monroe (MO)	-	4	-	-	-	-	-	*	-	-	1
Monroe Power And Light Dept	-	-	-	298	-	-	-	-	-	-	-
Lower (UT)	-	-	-	160	-	-	-	-	-	-	-
Mon Pump St (UT)	-	-	-	-	-	-	-	-	-	-	-
Monroe Upr (UT)	-	-	-	138	-	-	-	-	-	-	-
Montana Light & Power Company	-	-	-	4,001	-	5,976	-	-	-	-	-
Lake Creek (MT)	-	-	-	4,001	-	-	-	-	-	-	-
Libby (MT)	-	-	-	-	-	5,976	-	-	-	-	-
Montana Power Company, The	907,017	4,539	1,855	312,446	-	-	572	9	24	842	10
Black Eagle (MT)	-	-	-	12,794	-	-	-	-	-	-	-
Cochrane (MT)	-	-	-	26,772	-	-	-	-	-	-	-
Colstrip (MT)	847,870	4,470	-	-	-	-	534	9	-	760	10
Corette, J E (MT)	59,147	-	1,855	-	-	-	38	-	24	82	-
Flint Creek (MT)	-	-	-	-	-	-	-	-	-	-	-
Frank Bird (MT)	-	-	-	-	-	-	-	-	-	-	-
Hauser Lake (MT)	-	-	-	8,602	-	-	-	-	-	-	-
Holter (MT)	-	-	-	14,812	-	-	-	-	-	-	-
Kerr (MT)	-	-	-	124,090	-	-	-	-	-	-	-
Lake Diesel (MT)	-	-	-	-	-	-	-	-	-	-	-
Madison (MT)	-	-	-	-	-	-	-	-	-	-	-
Milltown (MT)	-	-	-	1,839	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Montana Power Company, The											
Morony (MT)	-	-	-	28,107	-	-	-	-	-	-	-
Mystic Lake (MT)	-	-	-	3,049	-	-	-	-	-	-	-
Rainbow (MT)	-	-	-	24,831	-	-	-	-	-	-	-
Ryan (MT)	-	-	-	40,929	-	-	-	-	-	-	-
Thompson Falls (MT)	-	-	-	28,621	-	-	-	-	-	-	-
Yellowstone (MT)	-	69	-	-	-	-	-	-	-	-	-
Montana-Dakota Utilities Co	251,330	182	95	-	-	-	219	1	3	308	8
Coyote (ND)	230,563	182	-	-	-	-	197	1	-	251	5
Glendive (MT)	-	-	-4	-	-	-	-	-	-	-	2
Heskett (ND)	19,240	-	-	-	-	-	19	-	-	44	-
Lewis & Clark (MT)	1,507	-	113	-	-	-	3	-	3	14	-
Miles City (MT)	-	-	-7	-	-	-	-	-	-	-	2
Williston (ND)	-	-	-7	-	-	-	-	-	-	-	-
Montaup Electric Co (EU)	33,627	3,040	-	-	-	-	15	6	-	104	129
Somerset (IA)	33,627	3,040	-	-	-	-	15	6	-	104	129
Montezuma Mun Elec Lt & Pwr	-	-	-	-	-	-	-	-	-	-	*
Montezuma (IA)	-	-	-	-	-	-	-	-	-	-	*
Moon Lake Electric Assn, Inc	-	-	-	875	-	-	-	-	-	-	-
Uintah (UT)	-	-	-	665	-	-	-	-	-	-	-
Yellowstone (UT)	-	-	-	210	-	-	-	-	-	-	-
Moorhead Public Service Dept	-	1	-	-	-	-	-	*	-	2	1
Moorhead (MN)	-	1	-	-	-	-	-	*	-	2	1
Moose Lake Public Util Comm	-	2	-	-	-	-	-	-	-	-	*
Moose Lake (MN)	-	2	-	-	-	-	-	-	-	-	*
Mora Municipal Electric Utility	-	-	-	-	-	-	-	-	-	-	-
Mora (MN)	-	-	-	-	-	-	-	-	-	-	-
Morgan City City Of	-	-	2,417	-	-	-	-	-	30	-	-
Morgan City (LA)	-	-	2,417	-	-	-	-	-	30	-	-
Morrisville Water & Light Dept	-	-	-	1,762	-	-	-	-	-	-	-
Cadys Falls (VT)	-	-	-	644	-	-	-	-	-	-	-
Morrisville (VT)	-	-	-	1,068	-	-	-	-	-	-	-
W K Sanders (VT)	-	-	-	50	-	-	-	-	-	-	-
Mount Pleasant Mun Utils	-	-	-	-	-	-	-	-	-	-	*
Mt Pleasant (IA)	-	-	-	-	-	-	-	-	-	-	*
Mount Pleasant Municipal	-	-	-	223	-	-	-	-	-	-	-
Lower (UT)	-	-	-	95	-	-	-	-	-	-	-
Upper (UT)	-	-	-	128	-	-	-	-	-	-	-
Mountain Lake Municipal Util	-	-	-	-	-	-	-	-	-	-	*
Mountain Lake (MN)	-	-	-	-	-	-	-	-	-	-	*
Mullen, Village Of	-	2	-	-	-	-	-	*	-	-	*
Mullen (NE)	-	2	-	-	-	-	-	*	-	-	*
Mulvane City Of	-	55	52	-	-	-	-	*	7	-	*
Mulvane (KS)	-	55	52	-	-	-	-	*	7	-	*
Murray City Corporation	-	9	6	2,595	-	-	-	*	*	-	*
Diesel (UT)	-	9	6	-	-	-	-	*	*	-	*
Little Cottonwood (UT)	-	-	-	2,595	-	-	-	-	-	-	-
Muscataine City Of	93,881	85	289	-	-	-	45	*	3	175	1
Muscataine (IA)	93,881	85	289	-	-	-	45	*	3	175	1
Muscoda Light & Water Comm	-	-	-	12	-	-	-	-	-	-	-
Muscoda (WI)	-	-	-	12	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Naknek Electric Assn, Inc	-	1,659	-	-	-	-	-	3	-	-	36
Naknek (AK)	-	1,659	-	-	-	-	-	3	-	-	36
Nantahala Power & Light Co	-	-	-	48,067	-	-	-	-	-	-	-
Bear Creek (NC)	-	-	-	3,517	-	-	-	-	-	-	-
Bryson (NC)	-	-	-	433	-	-	-	-	-	-	-
Cedar Cliff (NC)	-	-	-	2,683	-	-	-	-	-	-	-
Dillsboro (NC)	-	-	-	115	-	-	-	-	-	-	-
Franklin (NC)	-	-	-	-	-	-	-	-	-	-	-
Mission (NC)	-	-	-	529	-	-	-	-	-	-	-
Nantahala (NC)	-	-	-	20,970	-	-	-	-	-	-	-
Queens Creek (NC)	-	-	-	263	-	-	-	-	-	-	-
Tennessee Creek (NC)	-	-	-	4,316	-	-	-	-	-	-	-
Thorpe (NC)	-	-	-	13,544	-	-	-	-	-	-	-
Tuckasegee (NC)	-	-	-	1,697	-	-	-	-	-	-	-
Nantucket Electric Company	-	6,296	-	-	-	-	-	11	-	-	3
Nantucket (MA)	-	6,296	-	-	-	-	-	11	-	-	3
Natchitoches City Of	-	-	-	-	-	-	-	-	-	-	-
Natchitoches (LA)	-	-	-	-	-	-	-	-	-	-	-
Nebraska City Utilities	-	20	299	-	-	-	-	*	4	-	4
Nebraska City (NE)	-	3	39	-	-	-	-	*	1	-	4
Syracuse No 2 (NE)	-	17	260	-	-	-	-	*	3	-	*
Nebraska Public Power District ...	387,144	120	1,699	25,971	418,981	-	238	*	19	872	18
Columbus (NE)	-	-	-	13,200	-	-	-	-	-	-	-
Cooper (NE)	-	-	-	-	418,981	-	-	-	-	-	-
David City (NE)	-	4	5	-	-	-	-	*	-	-	*
Gentleman (NE)	287,167	-	1,577	-	-	-	174	-	18	782	7
Hallam (NE)	-	-	-	-	-	-	-	-	-	-	3
Hebron (NE)	-	54	-	-	-	-	-	-	-	-	3
Kearney (NE)	-	-	-	69	-	-	-	-	-	-	-
Lyons (NE)	-	2	-	-	-	-	-	*	-	-	*
Madison (NE)	-	-	-	-	-	-	-	-	-	-	*
Mc Cook (NE)	-	37	-	-	-	-	-	*	-	-	3
Minnehadzuza (NE)	-	-	-	57	-	-	-	-	-	-	-
Mobile (NE)	-	-	-	-	-	-	-	-	-	-	-
Monroe (NE)	-	-	-	2,838	-	-	-	-	-	-	-
North Platte (NE)	-	-	-	8,397	-	-	-	-	-	-	-
Ord (NE)	-	17	16	-	-	-	-	*	*	-	*
Randolph (NE)	-	-	-	-	-	-	-	-	-	-	-
Schuyler (NE)	-	-	-	-	-	-	-	-	-	-	*
Sheldon (NE)	99,977	-	95	-	-	-	64	-	1	89	-
Spencer (NE)	-	-	-	1,410	-	-	-	-	-	-	-
Sutherland (NE)	-	6	-	-	-	-	-	*	-	-	*
Wakefield (NE)	-	-	6	-	-	-	-	-	*	-	*
Neodesha City Of	-	8	27	-	-	-	-	*	*	-	*
Neodesha (KS)	-	8	27	-	-	-	-	*	*	-	*
Nevada Irrigation District	-	-	-	-	-	-	-	-	-	-	-
Combie No (CA)	-	-	-	-	-	-	-	-	-	-	-
Combie So (CA)	-	-	-	-	-	-	-	-	-	-	-
Scott Flat (CA)	-	-	-	-	-	-	-	-	-	-	-
Nevada Irrigation District	-	-	-	23,966	-	-	-	-	-	-	-
Bowman (CA)	-	-	-	508	-	-	-	-	-	-	-
Chicago Park (CA)	-	-	-	11,083	-	-	-	-	-	-	-
Dutch Flat No.2 (CA)	-	-	-	7,784	-	-	-	-	-	-	-
Rollins (CA)	-	-	-	4,591	-	-	-	-	-	-	-
Nevada Power Company	128,858	4,384	35,769	-	-	-	60	9	474	448	180
Clark (NV)	-	514	21,539	-	-	-	-	2	306	-	36
Gardner, Reid (NV)	128,858	568	-	-	-	-	60	1	-	448	12
Sunrise (NV)	-	3,302	14,230	-	-	-	-	6	168	-	133
Westside (NV)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
New England Power Co (NEES) ...	562,568	457,428	50,470	189,874	-	-	209	776	629	703	1,626
Bear Swamp (MA)	-	-	-	-15,398	-	-	-	-	-	-	-
Bellows Falls (VT)	-	-	-	32,228	-	-	-	-	-	-	-
Brayton Point (MA)	347,485	229,811	-	-	-	-	126	391	-	564	895
Comerford (NH)	-	-	-	33,878	-	-	-	-	-	-	-
Deerfield No. 2 (MA)	-	-	-	3,433	-	-	-	-	-	-	-
Deerfield No. 3 (MA)	-	-	-	4,001	-	-	-	-	-	-	-
Deerfield No. 4 (MA)	-	-	-	2,573	-	-	-	-	-	-	-
Deerfield No. 5 (MA)	-	-	-	5,963	-	-	-	-	-	-	-
Fife Brook (MA)	-	-	-	4,262	-	-	-	-	-	-	-
Gloucester (MA)	-	144	-	-	-	-	-	-	-	-	1
Harriman (VT)	-	-	-	17,335	-	-	-	-	-	-	-
Manchester Street (RI)	-	970	18,426	-	-	-	-	2	244	28	76
Moindoes (NH)	-	-	-	6,799	-	-	-	-	-	-	-
Moore (NH)	-	-	-	29,936	-	-	-	-	-	-	-
Newburyport (MA)	-	106	-	-	-	-	-	-	-	-	1
Salem Harbor (MA)	215,083	226,020	-	-	-	-	83	379	-	112	597
Searsburg (VT)	-	-	-	3,001	-	-	-	-	-	-	-
Sherman (MA)	-	-	-	3,852	-	-	-	-	-	-	-
South Street (RI)	-	377	32,044	-	-	-	-	3	385	-	56
Vernon (NH)	-	-	-	11,488	-	-	-	-	-	-	-
Vernon (VT)	-	-	-	5,759	-	-	-	-	-	-	-
Wilder (NH)	-	-	-	12,783	-	-	-	-	-	-	-
Wilder (VT)	-	-	-	7,981	-	-	-	-	-	-	-
New Hampton Mun Light Plant ...	-	152	2	-	-	-	-	-	-	-	-
New Hampton (IA)	-	152	2	-	-	-	-	-	-	-	-
New Lisbon Mun Electric Dept ...	-	-	3	-	-	-	-	-	-	-	-
New Lisbon (WI)	-	-	3	-	-	-	-	-	-	-	-
New Orleans Public Service											
(MSU)	-	2,755	207,625	-	-	-	-	5	2,177	-	-
Market Street (LA)	-	-	-	-	-	-	-	-	-	-	-
Michoud (LA)	-	2,726	207,625	-	-	-	-	4	2,177	-	-
Paterson, A B (LA)	-	29	-	-	-	-	-	-	-	-	-
New Prague Mun Utils Comm	-	7	13	-	-	-	-	-	-	-	-
New Prague (MN)	-	7	13	-	-	-	-	-	-	-	1
New Roads Light & Water Plant ..	-	22	89	-	-	-	-	-	1	-	1
New Roads (LA)	-	22	89	-	-	-	-	-	1	-	1
New Smyrna Beach City Of	-	161	1,032	-	-	-	-	-	12	-	2
Causeway (FL)	-	-	-	-	-	-	-	-	-	-	-
Glencoe Road (FL)	-	-	-	-	-	-	-	-	-	-	-
New Smyra (FL)	-	42	-	-	-	-	-	-	-	-	1
W E Swoope (FL)	-	119	1,032	-	-	-	-	-	12	-	1
New Ulm Pub Utils Comm	106	-	5,176	-	-	-	-	-	50	-	4
New Ulm (MN)	106	-	5,176	-	-	-	-	-	50	-	4
New York State Elec & Gas Corp	848,775	823	-	40,594	-	-	349	2	-	807	9
Cadyville (NY)	-	-	-	2,793	-	-	-	-	-	-	-
Goudey (NY)	43,095	234	-	-	-	-	20	-	-	105	1
Greenidge (NY)	83,736	231	-	-	-	-	35	-	-	105	2
Harris Lake (NY)	-	5	-	-	-	-	-	-	-	-	-
Hickling (NY)	35,381	-	-	-	-	-	23	-	-	66	-
High Falls (NY)	-	-	-	9,133	-	-	-	-	-	-	-
Jennison (NY)	21,053	-	-	-	-	-	16	-	-	76	-
Kents Falls (NY)	-	-	-	8,711	-	-	-	-	-	-	-
Keuka (NY)	-	-	-	836	-	-	-	-	-	-	-
Mechanicville (NY)	-	-	-	9,387	-	-	-	-	-	-	-
Mill "C" (NY)	-	-	-	4,361	-	-	-	-	-	-	-
Milliken (NY)	206,029	65	-	-	-	-	81	-	-	188	2
Rainbow Falls (NY)	-	-	-	1,804	-	-	-	-	-	-	-
Seneca Falls (NY)	-	-	-	2,722	-	-	-	-	-	-	-
Somerset (NY)	459,481	288	-	-	-	-	174	-	-	267	5
Waterloo (NY)	-	-	-	847	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Newberry Wtr & Lt Board	-	-	-	-	-	-	-	-	-	-	*
Newberry (MI)	-	-	-	-	-	-	-	-	-	-	*
Newport Electric Corporation	-	154	-	-	-	-	-	*	-	-	2
Eldred (RI)	-	162	-	-	-	-	-	*	-	-	1
Jepson (RI)	-	-8	-	-	-	-	-	*	-	-	1
Niagara Mohawk Power Corp	667,519	364,997	195,486	384,705	357,810	-	26 ¹	598	2,100	481	2,358
Albany (NY)	-	-	161,277	-	-	-	-	-	1,748	-	441
Allens Falls (NY)	-	-	-	2,187	-	-	-	-	-	-	-
Bakers Falls (NY)	-	-	-	-	-	-	-	-	-	-	-
Baldwinsville (NY)	-	-	-	256	-	-	-	-	-	-	-
Beardslee (NY)	-	-	-	7,635	-	-	-	-	-	-	-
Beebee Island (NY)	-	-	-	5,635	-	-	-	-	-	-	-
Belfort (NY)	-	-	-	1,357	-	-	-	-	-	-	-
Bennetts Bridge (NY)	-	-	-	11,854	-	-	-	-	-	-	-
Black River (NY)	-	-	-	4,282	-	-	-	-	-	-	-
Blake (NY)	-	-	-	10,236	-	-	-	-	-	-	-
Browns Falls (NY)	-	-	-	6,700	-	-	-	-	-	-	-
Chasm (NY)	-	-	-	2,650	-	-	-	-	-	-	-
Colton (NY)	-	-	-	20,950	-	-	-	-	-	-	-
Deferiet (NY)	-	-	-	6,951	-	-	-	-	-	-	-
Dunkirk (NY)	257,046	1,177	-	-	-	-	98	2	-	246	1
Eagle (NY)	-	-	-	2,594	-	-	-	-	-	-	-
East Norfolk (NY)	-	-	-	2,316	-	-	-	-	-	-	-
Eel Weir (NY)	-	-	-	1,378	-	-	-	-	-	-	-
Effley (NY)	-	-	-	1,679	-	-	-	-	-	-	-
Elmer (NY)	-	-	-	1,060	-	-	-	-	-	-	-
Ephratah (NY)	-	-	-	2,533	-	-	-	-	-	-	-
Feeder Dam (NY)	-	-	-	-	-	-	-	-	-	-	-
Five Falls (NY)	-	-	-	16,959	-	-	-	-	-	-	-
Flat Rock (NY)	-	-	-	2,148	-	-	-	-	-	-	-
Franklin (NY)	-	-	-	1,525	-	-	-	-	-	-	-
Fulton (NY)	-	-	-	652	-	-	-	-	-	-	-
Glenwood (NY)	-	-	-	672	-	-	-	-	-	-	-
Granby (NY)	-	-	-	6,282	-	-	-	-	-	-	-
Green Island (NY)	-	-	-	2,952	-	-	-	-	-	-	-
Hannawa (NY)	-	-	-	5,464	-	-	-	-	-	-	-
Herrings (NY)	-	-	-	3,086	-	-	-	-	-	-	-
Heuvelton (NY)	-	-	-	492	-	-	-	-	-	-	-
High Dam (NY)	-	-	-	4,121	-	-	-	-	-	-	-
High Falls (NY)	-	-	-	3,375	-	-	-	-	-	-	-
Higley (NY)	-	-	-	3,699	-	-	-	-	-	-	-
Hogansburg (NY)	-	-	-	237	-	-	-	-	-	-	-
Huntley, C R (NY)	410,473	616	-	-	-	-	163	1	-	235	1
Hydraulic Race (NY)	-	-	-	1,478	-	-	-	-	-	-	-
Inghams (NY)	-	-	-	3,807	-	-	-	-	-	-	-
Johnsonville (NY)	-	-	-	875	-	-	-	-	-	-	-
Kamargo (NY)	-	-	-	3,279	-	-	-	-	-	-	-
Lighthouse Hill (NY)	-	-	-	3,305	-	-	-	-	-	-	-
Macomb (NY)	-	-	-	668	-	-	-	-	-	-	-
Mechanicville (NY)	-	-	-	-	-	-	-	-	-	-	-
Middle Falls (NY)	-	-	-	-	-	-	-	-	-	-	-
Minetto (NY)	-	-	-	4,234	-	-	-	-	-	-	-
Moreau (NY)	-	-	-	1,938	-	-	-	-	-	-	-
Moshier (NY)	-	-	-	3,163	-	-	-	-	-	-	-
Nine Mile Point (NY)	-	7	-	-	357,810	-	-	-	-	-	2
Norfolk (NY)	-	-	-	2,841	-	-	-	-	-	-	-
Norwood (NY)	-	-	-	1,504	-	-	-	-	-	-	-
Oak Orchard (NY)	-	-	-	169	-	-	-	-	-	-	-
Oswegatchie (NY)	-	-	-	32	-	-	-	-	-	-	-
Oswego (NY)	-	363,197	32,642	-	-	-	-	596	406	-	1,913
Oswego Falls Es (NY)	-	-	-	2,753	-	-	-	-	-	-	-
Oswego Falls Ws (NY)	-	-	-	1,173	-	-	-	-	-	-	-
Parishville (NY)	-	-	-	1,706	-	-	-	-	-	-	-
Piercefield (NY)	-	-	-	1,826	-	-	-	-	-	-	-
Prospect (NY)	-	-	-	11,587	-	-	-	-	-	-	-
Rainbow (NY)	-	-	-	17,042	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						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)
Niagara Mohawk Power Corp											
Raymondville (NY)	-	-	-	1,534	-	-	-	-	-	-	-
Rotterdam (NY)	-	-	1,567	-	-	-	-	-	26	-	-
Schaghticoke (NY)	-	-	-	9,394	-	-	-	-	-	-	-
School Street (NY)	-	-	-	18,541	-	-	-	-	-	-	-
Schuylerville (NY)	-	-	-	723	-	-	-	-	-	-	-
Sewalls (NY)	-	-	-	782	-	-	-	-	-	-	-
Sherman Island (NY)	-	-	-	13,946	-	-	-	-	-	-	-
So Glens Falls (NY)	-	-	-	484	-	-	-	-	-	-	-
Soft Maple (NY)	-	-	-	5,270	-	-	-	-	-	-	-
South Colton (NY)	-	-	-	14,446	-	-	-	-	-	-	-
South Edwards (NY)	-	-	-	1,885	-	-	-	-	-	-	-
Spier Falls (NY)	-	-	-	33,297	-	-	-	-	-	-	-
Stark (NY)	-	-	-	17,053	-	-	-	-	-	-	-
Stewarts Bridge (NY)	-	-	-	17,235	-	-	-	-	-	-	-
Stuyvesant Falls (NY)	-	-	-	1,355	-	-	-	-	-	-	-
Sugar Island (NY)	-	-	-	2,977	-	-	-	-	-	-	-
Taylorville (NY)	-	-	-	2,470	-	-	-	-	-	-	-
Trenton (NY)	-	-	-	18,080	-	-	-	-	-	-	-
Union (NY)	-	-	-	-	-	-	-	-	-	-	-
Varick (NY)	-	-	-	3,162	-	-	-	-	-	-	-
Waterport (NY)	-	-	-	1,233	-	-	-	-	-	-	-
West, E J (NY)	-	-	-	13,150	-	-	-	-	-	-	-
Yaleville (NY)	-	-	-	391	-	-	-	-	-	-	-
Niles Board Of Public Works	-	-	-	323	-	-	-	-	-	-	-
Niles (MI)	-	-	-	323	-	-	-	-	-	-	-
Nodak Rural Elec Coop Inc	-	-	-	-	-	-	-	-	-	-	-
Mobile (ND)	-	-	-	-	-	-	-	-	-	-	-
Nome Light And Power Utilities ..	-	2,284	-	-	-	-	-	4	-	-	1
Snake River (AK)	-	2,284	-	-	-	-	-	4	-	-	1
North American Hydro Inc	-	-	-	84	-	-	-	-	-	-	-
Wautoma (WI)	-	-	-	84	-	-	-	-	-	-	-
North Branch Lt & Pwr Comm	-	-	-	-	-	-	-	-	-	-	*
North Branch (MN)	-	-	-	-	-	-	-	-	-	-	*
North Central Power Co Inc	-	-	-	1,280	-	-	-	-	-	-	*
Arpin (WI)	-	-	-	872	-	-	-	-	-	-	*
Radisson (WI)	-	-	-	128	-	-	-	-	-	-	*
Winter (WI)	-	-	-	280	-	-	-	-	-	-	*
North Counties Hydro Elec Co	-	-	-	2,274	-	-	-	-	-	-	-
Dayton (IL)	-	-	-	2,274	-	-	-	-	-	-	-
North Little Rock City Of	-	-	-	372	-	-	-	-	-	-	-
Murray (AR)	-	-	-	372	-	-	-	-	-	-	-
Northeast Missouri Elec Pwr											
Coop	-	-	-	-	-	-	-	*	-	-	*
South River Station (MO)	-	-	-	-	-	-	-	*	-	-	*
Northeast Nuclear Energy Co	-	-	-	-	1,132,154	-	-	-	-	-	-
Millstone (CT)	-	-	-	-	1,132,154	-	-	-	-	-	-
Northern Indiana Public Serv Co ..	978,481	43,412	54,023	8,502	-	-	517	-	596	1,216	-
Bailey (IN)	206,104	-	1,080	-	-	-	94	-	10	191	-
Michigan City (IN)	171,277	-	7,137	-	-	-	81	-	74	256	-
Mitchell, Dean H (IN)	197,532	-	42,252	-	-	-	117	-	463	200	-
Norway (IN)	-	-	-	3,223	-	-	-	-	-	-	-
Oakdale (IN)	-	-	-	5,279	-	-	-	-	-	-	-
Schahfer, R. M. (IN)	403,568	43,412	3,554	-	-	-	225	-	48	569	-
Northern States Power Co	1,413,766	48,586	7,163	117,180	1,155,464	33,514	853	1	122	1,525	77
Apple River (WI)	-	-	-	1,464	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Northern States Power Co											
Bay Front (WI)	2,171	-	2,588	-	-	8,214	3	-	54	1	-
Big Falls (WI)	-	-	-	4,251	-	-	-	-	-	-	-
Black Dog (MN)	21,753	220	735	-	-	-	16	-	10	132	-
Blue Lake (MN)	-	138	-	-	-	-	-	-	-	-	12
Cedar Falls (WI)	-	-	-	3,523	-	-	-	-	-	-	-
Chippewa Falls (WI)	-	-	-	10,270	-	-	-	-	-	-	-
Cornell (WI)	-	-	-	12,258	-	-	-	-	-	-	-
Dells (WI)	-	-	-	5,851	-	-	-	-	-	-	-
Elmoreau (WI)	-	-	-11	-	-	-	-	-	1	-	4
French Island (WI)	-	96	9	-	-	5,176	-	-	-	-	-
Granite City (MN)	-	-	-60	-	-	-	-	-	4	-	2
Hayward (WI)	-	-	-	142	-	-	-	-	-	-	-
Hennepin Island (MN)	-	-	-	6,469	-	-	-	-	-	-	-
High Bridge (MN)	3,253	-	407	-	-	-	6	-	12	96	1
Holcombe (WI)	-	-	-	13,620	-	-	-	-	-	-	-
Holland (MN)	-	-	-	-	-	22	-	-	-	-	-
Inver Hills (MN)	-	128	-	-	-	-	-	-	-	-	27
Jim Falls (WI)	-	-	-	19,303	-	-	-	-	-	-	-
Key City (MN)	-	-	49	-	-	-	-	-	2	-	3
King (MN)	212,333	47,991	793	-	-	5,760	130	-	8	246	-
Ladysmith (WI)	-	-	-	1,306	-	-	-	-	-	-	-
Lower Dam (MN)	-	-	-	-	-	-	-	-	-	-	-
Menomonie (WI)	-	-	-	2,162	-	-	-	-	-	-	-
Minnesota Valley (MN)	4,384	4	94	-	-	-	3	-	1	12	-
Monticello (MN)	-	-	-	-	402,267	-	-	-	-	-	-
Pathfinder (SD)	-	-	-124	-	-	-	-	-	-	-	-
Prairie Island (MN)	-	-	-	-	753,197	-	-	-	-	-	-
Redwing (MN)	-	-	166	-	-	8,988	-	-	3	-	-
Riverdale (WI)	-	-	-	304	-	-	-	-	-	-	-
Riverside (MN)	87,790	108	2,426	-	-	-	53	-	25	75	3
Saxon Falls (MI)	-	-	-	-	-	-	-	-	-	-	-
Sherburne County (MN)	1,082,082	524	-	-	-	-	643	1	-	962	3
St Croix Falls (WI)	-	-	-	13,909	-	-	-	-	-	-	-
Superior Falls (MI)	-	-	-	997	-	-	-	-	-	-	-
Thornapple (WI)	-	-	-	933	-	-	-	-	-	-	-
Trego (WI)	-	-	-	613	-	-	-	-	-	-	-
West Farhault (MN)	-	-	-8	-	-	-	-	-	-	-	-
Wheaton (WI)	-	-91	-	-	-	-	-	-	-	-	22
White River (WI)	-	-	-	424	-	-	-	-	-	-	-
Wilmarth (MN)	-	-	89	-	-	5,354	-	-	2	-	-
Wissota (WI)	-	-	-	19,381	-	-	-	-	-	-	-
Northway Power & Light Inc											
Northway (AK)	-	106	-	-	-	-	-	-	-	-	-
Northwestern Public Service											
Company	-	-58	-36	-	-	-	-	-	1	-	25
Aberdeen (SD)	-	15	-	-	-	-	-	-	-	-	11
Airmour (SD)	-	-18	-	-	-	-	-	-	-	-	-
Chamberlain (SD)	-	-12	-	-	-	-	-	-	-	-	-
Clark (SD)	-	-5	-	-	-	-	-	-	-	-	-
Faulkton (SD)	-	-7	-	-	-	-	-	-	-	-	-
Highmore (SD)	-	-	-	-	-	-	-	-	-	-	-
Huron (SD)	-	-	-21	-	-	-	-	-	-	-	10
Mobile (SD)	-	-4	-	-	-	-	-	-	-	-	-
Redfield (SD)	-	-5	-6	-	-	-	-	-	-	-	1
Webster (SD)	-	-6	-	-	-	-	-	-	-	-	-
Yankton New (SD)	-	-3	-4	-	-	-	-	-	-	-	2
Yankton Old (SD)	-	-13	-5	-	-	-	-	-	-	-	-
Northwestern Wisconsin Elec Co											
Balsam Lake (WI)	-	-27	-	1,030	-	-	-	-	-	-	3
Black Brook (WI)	-	-	-	218	-	-	-	-	-	-	-
Clam Falls (WI)	-	-	-	46	-	-	-	-	-	-	-
Clam River Dam (WI)	-	-	-	480	-	-	-	-	-	-	-
Danbury (WI)	-	-20	-	286	-	-	-	-	-	-	2
Frederic (WI)	-	-5	-	-	-	-	-	-	-	-	-
Granitsburg (WI)	-	-2	-	-	-	-	-	-	-	-	1

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Northwood City Of Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Northwood (ND)	-	-	-	-	-	-	-	-	-	-	-
Norton City Of	-	3	1	-	-	-	-	*	*	-	1
Norton (KS)	-	3	1	-	-	-	-	*	*	-	1
Norway Electric Light Dept	-	-	-	2,719	-	-	-	-	-	-	-
Norway (MI)	-	-	-	2,719	-	-	-	-	-	-	-
Norwich Dept Of Pub Utils	-	-	-	1,551	-	-	-	-	-	-	3
North Main (CT)	-	-	-	-	-	-	-	-	-	-	3
Occum (CT)	-	-	-	596	-	-	-	-	-	-	-
10Th Street (CT)	-	-	-	750	-	-	-	-	-	-	-
2Nd Street (CT)	-	-	-	205	-	-	-	-	-	-	-
Nushagak Electric Coop, Inc	-	1,287	-	-	-	-	-	2	-	-	7
Dillingham (AK)	-	1,287	-	-	-	-	-	2	-	-	7
Oakdale & South San Joaquin	-	-	-	49,943	-	-	-	-	-	-	-
Beardsley (CA)	-	-	-	648	-	-	-	-	-	-	-
Donnels (CA)	-	-	-	37,788	-	-	-	-	-	-	-
Sand Bar (CA)	-	-	-	174	-	-	-	-	-	-	-
Tulloch (CA)	-	-	-	11,333	-	-	-	-	-	-	-
Oakely City Of	-	-	-	-	-	-	-	-	-	-	-
Oakely (KS)	-	-	-	-	-	-	-	-	-	-	-
Oberlin City Of	-	-	-	-	-	-	-	-	-	-	-
Oberlin (KS)	-	-	-	-	-	-	-	-	-	-	-
Oberlin Mun Lt Pwr System	-	19	53	-	-	-	-	*	1	-	*
Oberlin (OH)	-	19	53	-	-	-	-	*	1	-	*
Oconto Electric Coop	-	-	-	594	-	-	-	-	-	-	-
Stiles (WI)	-	-	-	594	-	-	-	-	-	-	-
Odessa City Of	-	110	134	-	-	-	-	*	2	-	1
Odessa (MO)	-	110	134	-	-	-	-	*	2	-	1
Ogden Municipal Utilities	-	12	-	-	-	-	-	*	-	-	1
Ogden (IA)	-	12	-	-	-	-	-	*	-	-	1
Oglethorpe Power Corporation	-	-	-	609	-	-	-	-	-	-	-
Tallassee (GA)	-	-	-	609	-	-	-	-	-	-	-
Ohio Edison Company	1,337,577	1,977	-	-	-	-	567	4	-	1,208	36
Burger, R E (OH)	224,027	161	-	-	-	-	107	*	-	174	2
Edgewater (OH)	30,728	141	-	-	-	-	16	*	-	30	7
Gorge Steam (OH)	13,432	147	-	-	-	-	7	*	-	28	*
Mad River (OH)	-	188	-	-	-	-	-	1	-	-	14
Niles (OH)	93,164	28	-	-	-	-	41	*	-	80	8
Sammis (OH)	946,391	1,227	-	-	-	-	378	2	-	823	4
Toronto (OH)	29,835	85	-	-	-	-	18	*	-	73	*
West Lorain (OH)	-	-	-	-	-	-	-	-	-	-	-
Ohio Power Co (AEP)	2,703,828	7,574	-	16,195	-	-	1,127	11	-	3,483	73
Gavin, Gen J M (OH)	1,090,312	2,098	-	-	-	-	461	3	-	1,547	34
Kammer (WV)	383,748	113	-	-	-	-	153	*	-	305	2
Mitchell (WV)	635,440	2,771	-	-	-	-	261	4	-	746	32
Muskingum River (OH)	594,328	2,592	-	-	-	-	252	4	-	885	5
Racine (OH)	-	-	-	16,195	-	-	-	-	-	-	-
Ohio Valley Electric Corporation	709,992	165	-	-	-	-	302	*	-	651	2
Kyger Creek (OH)	709,992	165	-	-	-	-	302	*	-	651	2
Oklahoma Gas & Electric Co	786,741	1,474	753,965	-	-	-	451	2	7,707	2,208	404
Arbuckle (OK)	-	-	-	-	-	-	-	-	-	-	-
Enid (OK)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Oklahoma Gas & Electric Co											
Horseshoe Lake (OK)	-	787	250,165	-	-	-	-	1	2,602	-	81
Muskogee (OK)	398,017	-	61,338	-	-	-	234	-	648	1,216	46
Mustang (OK)	-	22	79,864	-	-	-	-	-	796	-	16
Seminole (OK)	-	79	362,581	-	-	-	-	-	3,660	-	244
Sooner (OK)	388,724	586	-	-	-	-	216	1	-	993	17
Woodward (OK)	-	-	17	-	-	-	-	-	-	-	1
Omaha Public Power District	508,620	521	1,746	-	305	-	333	1	21	585	23
Fort Calhoun (NE)	-	-	-	-	305	-	-	-	-	-	-
Jones Street (NE)	-	-	-	-	-	-	-	-	-	-	15
Nebraska City (NE)	303,318	521	-	-	-	-	192	1	-	367	2
North Omaha (NE)	205,302	-	1,681	-	-	-	140	-	19	217	-
Sarpy (NE)	-	-	65	-	-	-	-	-	2	-	6
Onawa City Of Municipal Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Onawa (IA)	-	-	-	-	-	-	-	-	-	-	-
Opelousas Elec Lt & Wtr Works											
Plant	-	-	-	-	-	-	-	-	-	-	-
Opelousas (LA)	-	-	-	-	-	-	-	-	-	-	-
Orange And Rockland Utilities, Inc	84,023	277,869	283,893	13,987	-	-	37	457	2,844	72	663
Bowline Point (NY)	-	277,858	256,192	-	-	-	-	457	2,534	-	589
Grahamsville (NY)	-	-	-	7,139	-	-	-	-	-	-	-
Hillburn (NY)	-	-	263	-	-	-	-	-	5	-	-
Lovett (NY)	84,023	11	27,326	-	-	-	37	-	300	72	74
Mongaup (NY)	-	-	-	1,475	-	-	-	-	-	-	-
Rio (NY)	-	-	-	3,611	-	-	-	-	-	-	-
Shoemaker (NY)	-	-	112	-	-	-	-	-	5	-	-
Swinging Bridge 1 (NY)	-	-	-	1,093	-	-	-	-	-	-	-
Swinging Bridge 2 (NY)	-	-	-	669	-	-	-	-	-	-	-
Orange City Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	2
Orange City (IA)	-	-	-	-	-	-	-	-	-	-	2
Orcas Power & Light Company ..	-	-	-	-	-	-	-	-	-	-	-
Eastsound (WA)	-	-	-	-	-	-	-	-	-	-	-
Oregon Trail Elec Coop	-	-	-	256	-	-	-	-	-	-	-
Rock Creek (OR)	-	-	-	256	-	-	-	-	-	-	-
Orlando Utilities Commission	-	64,164	212,348	-	-	-	-	106	2,190	107	267
Indian River (FL)	-	64,164	212,348	-	-	-	-	106	2,190	-	264
Stanton (FL)	-	-	-	-	-	-	-	-	-	107	4
Oroville Wyandotte Irrig Dist	-	-	-	22,801	-	-	-	-	-	-	-
Forbestown (CA)	-	-	-	6,013	-	-	-	-	-	-	-
Kelly Ridge (CA)	-	-	-	5,000	-	-	-	-	-	-	-
Sly Creek (CA)	-	-	-	1,699	-	-	-	-	-	-	-
Woodleaf (CA)	-	-	-	10,089	-	-	-	-	-	-	-
Orrville Mun Utilities	19,687	-	47	-	-	-	12	-	1	6	-
Orrville (OH)	19,687	-	47	-	-	-	12	-	1	6	-
Osage Mun Utilities	-	-	-	-	-	-	-	-	-	-	-
Osage (KS)	-	-	-	-	-	-	-	-	-	-	-
Osage Municipal Utilities	-	-	-	-	-	-	-	-	-	-	1
Osage (IA)	-	-	-	-	-	-	-	-	-	-	1
Osborne City Of	-	1	-	-	-	-	-	-	-	-	-
Osborne (KS)	-	1	-	-	-	-	-	-	-	-	-
Osceola City Of	-	-	-	-	-	-	-	-	-	-	-
Osceola (AR)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Oswatomie City Of	-	1	6	-	-	-	-	*	*	-	*
Oswatomie (KS)	-	1	6	-	-	-	-	*	*	-	*
Ottawa Water & Light Dept	-	50	730	-	-	-	-	*	9	-	1
Ottawa (KS)	-	50	730	-	-	-	-	*	9	-	1
Otter Tail Power Company	194,165	396	-	2,569	-	-	181	1	-	286	28
Bemidji (MN)	-	-	-	160	-	-	-	-	-	-	-
Big Stone (SD)	183,968	297	-	-	-	-	175	1	-	275	9
Dayton Hollow (MN)	-	-	-	823	-	-	-	-	-	-	-
Hoot Lake (MN)	10,197	58	-	486	-	-	6	*	-	11	*
Jamestown (ND)	-	4	-	-	-	-	-	*	-	-	13
Lake Preston (SD)	-	37	-	-	-	-	-	*	-	-	5
Plisgah (MN)	-	-	-	426	-	-	-	-	-	-	-
Port 148 (MN)	-	-	-	-	-	-	-	-	-	-	-
Taplin Gorge (MN)	-	-	-	390	-	-	-	-	-	-	-
Wright (MN)	-	-	-	304	-	-	-	-	-	-	-
Ottumwa Wtr Wrks & Hydro El Pl	-	-	-	852	-	-	-	-	-	-	-
Ottumwa (IA)	-	-	-	852	-	-	-	-	-	-	-
Owatonna Municipal Public	-	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	20	-	-	-	-	-	*	-	-
Owatonna (MN)	-	-	20	-	-	-	-	-	-	-	-
Owensboro Municipal Utilities	95,403	41	-	-	-	-	47	*	-	60	1
Elmer Smith (KY)	95,403	41	-	-	-	-	47	*	-	60	1
Owensville Municipal Utilities	-	-	-	-	-	-	-	-	-	-	1
Owensville (MO)	-	-	-	-	-	-	-	-	-	-	1
Oxford Mun Lt & Pwr Plant	-	-	-	-	-	-	-	-	-	-	*
Oxford (NE)	-	-	-	-	-	-	-	-	-	-	*
Pacific Gas & Electric Company ..	-	11,728	1,772,092	720,791	1,391,497	596,542	-	26	17,950	-	6,819
* Central Storage *	-	-	-	-	-	-	-	-	-	-	84
Alta (CA)	-	-	-	65	-	-	-	-	-	-	-
Angels (CA)	-	-	-	713	-	-	-	-	-	-	-
Balch 1 (CA)	-	-	-	14,145	-	-	-	-	-	-	-
Balch 2 (CA)	-	-	-	61,967	-	-	-	-	-	-	-
Belden (CA)	-	-	-	95	-	-	-	-	-	-	-
Black, James B (CA)	-	-	-	53,907	-	-	-	-	-	-	-
Bucks Creek (CA)	-	-	-	11,458	-	-	-	-	-	-	-
Butt Valley (CA)	-	-	-	188	-	-	-	-	-	-	-
Caribou 1 (CA)	-	-	-	-141	-	-	-	-	-	-	-
Caribou 2 (CA)	-	-	-	6,596	-	-	-	-	-	-	-
Centerville (CA)	-	-	-	3,637	-	-	-	-	-	-	-
Chili Bar (CA)	-	-	-	2,093	-	-	-	-	-	-	-
Coal Canyon (CA)	-	-	-	679	-	-	-	-	-	-	-
Coleman (CA)	-	-	-	7,108	-	-	-	-	-	-	-
Contra Costa (CA)	-	-	85,719	-	-	-	-	-	932	-	440
Cow Creek (CA)	-	-	-	834	-	-	-	-	-	-	-
Crane Valley (CA)	-	-	-	-1	-	-	-	-	-	-	-
Cresta (CA)	-	-	-	15,068	-	-	-	-	-	-	-
De Saba (CA)	-	-	-	11,820	-	-	-	-	-	-	-
Deer Creek (CA)	-	-	-	1,884	-	-	-	-	-	-	-
Diablo Canyon (CA)	-	-	-	-	1,391,497	-	-	-	-	-	-
Downsville (CA)	-	-5	-	-	-	-	-	-	-	-	-
Drum 1 (CA)	-	-	-	15,396	-	-	-	-	-	-	-
Drum 2 (CA)	-	-	-	17,369	-	-	-	-	-	-	-
Dutch Flat (CA)	-	-	-	5,848	-	-	-	-	-	-	-
El Dorado (CA)	-	-	-	11,935	-	-	-	-	-	-	-
Electra (CA)	-	-	-	31,308	-	-	-	-	-	-	-
Haas (CA)	-	-	-	63,938	-	-	-	-	-	-	-
Halsey (CA)	-	-	-	4,962	-	-	-	-	-	-	-
Hamilton Branch (CA)	-	-	-	1,116	-	-	-	-	-	-	-
Hat Creek 1 (CA)	-	-	-	2,213	-	-	-	-	-	-	-
Hat Creek 2 (CA)	-	-	-	3,476	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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											
Helms (CA)	-	-	-	-20,153	-	-	-	-	-	-	-
Humbolt Bay (CA)	-	68	10,653	-	-	-	-	-	137	-	85
Hunters Point (CA)	-	-24	169,394	-	-	-	-	-	1,984	-	324
Inskip (CA)	-	-	-	4,599	-	-	-	-	-	-	-
Kerckhoff (CA)	-	-	-	-	-	-	-	-	-	-	-
Kerckhoff 2 (CA)	-	-	-	32,385	-	-	-	-	-	-	-
Kern (CA)	-	-	-82	-	-	-	-	-	-	-	-
Kern Canyon (C.)	-	-	-	4,727	-	-	-	-	-	-	-
Kilarc (CA)	-	-	-	1,691	-	-	-	-	-	-	-
Kings River (CA)	-	-	-	24,674	-	-	-	-	-	-	-
Lime Saddle (CA)	-	-	-	952	-	-	-	-	-	-	-
Merced Falls (CA)	-	-	-	1,268	-	-	-	-	-	-	-
Mobile Turbine (CA)	-	-	-	-	-	-	-	-	-	-	-
Morro Bay (CA)	-	-	396,362	-	-	-	-	-	3,946	-	1,290
Moss Landing (CA)	-	-	546,492	-	-	-	-	-	5,043	-	1,518
Murphys (CA)	-	-	-	2,539	-	-	-	-	-	-	-
Narrows (CA)	-	-	-	-3	-	-	-	-	-	-	-
Newcastle (CA)	-	-	-	504	-	-	-	-	-	-	-
Oak Flat (CA)	-	-	-	828	-	-	-	-	-	-	-
Oakland (CA)	-	-89	-	-	-	-	-	-	-	-	43
Phoenix (CA)	-	-	-	1,024	-	-	-	-	-	-	-
Pit 1 (CA)	-	-	-	21,547	-	-	-	-	-	-	-
Pit 3 (CA)	-	-	-	24,349	-	-	-	-	-	-	-
Pit 4 (CA)	-	-	-	31,371	-	-	-	-	-	-	-
Pit 5 (CA)	-	-	-	55,799	-	-	-	-	-	-	-
Pit 6 (CA)	-	-	-	24,814	-	-	-	-	-	-	-
Pit 7 (CA)	-	-	-	33,799	-	-	-	-	-	-	-
Pittsburg (CA)	-	-	554,676	-	-	-	-	-	5,774	-	2,696
Poe (CA)	-	-	-	27,486	-	-	-	-	-	-	-
Potrero (CA)	-	11,776	8,878	-	-	-	-	26	105	-	337
Potter Valley (CA)	-	-	-	2,585	-	-	-	-	-	-	-
PVUSA 1 (CA)	-	-	-	-	-	5	-	-	-	-	-
Rock Creek (CA)	-	-	-	15,247	-	-	-	-	-	-	-
Salt Springs (CA)	-	-	-	12,552	-	-	-	-	-	-	-
San Joaquin No. 1a (CA)	-	-	-	-1	-	-	-	-	-	-	-
San Joaquin No. 2 (CA)	-	-	-	-1	-	-	-	-	-	-	-
San Joaquin 3 (CA)	-	-	-	-	-	-	-	-	-	-	-
South (CA)	-	-	-	4,596	-	-	-	-	-	-	-
Spaulding No. 1 (CA)	-	-	-	4,499	-	-	-	-	-	-	-
Spaulding No. 2 (CA)	-	-	-	853	-	-	-	-	-	-	-
Spaulding No. 3 (CA)	-	-	-	2,066	-	-	-	-	-	-	-
Spring Gap (CA)	-	-	-	2,728	-	-	-	-	-	-	-
Stanislaus (CA)	-	-	-	4,082	-	-	-	-	-	-	-
The Geysers (CA)	-	-	-	-	-	596,537	-	-	-	-	-
Tiger Creek (CA)	-	-	-	25,708	-	-	-	-	-	-	-
Toadtown (CA)	-	-	-	718	-	-	-	-	-	-	-
Tule River (CA)	-	-	-	2,286	-	-	-	-	-	-	-
Volta (CA)	-	-	-	3,812	-	-	-	-	-	-	-
Volta 2 (CA)	-	-	-	480	-	-	-	-	-	-	-
West Point (CA)	-	-	-	7,987	-	-	-	-	-	-	-
Wise (CA)	-	-	-	6,660	-	-	-	-	-	-	-
Wishon, A G (CA)	-	-	-	68	-	-	-	-	-	-	-
PacifiCorp	3,736,685	4,985	5,508	367,395	-	13,934	2,057	9	103	4,846	37
American Fork (UT)	-	-	-	611	-	-	-	-	-	-	-
Ashton (ID)	-	-	-	3,372	-	-	-	-	-	-	-
Beaver Upper (UT)	-	-	-	1,423	-	-	-	-	-	-	-
Bend (OR)	-	-	-	421	-	-	-	-	-	-	-
Big Fork (MT)	-	-	-	3,112	-	-	-	-	-	-	-
Blundell (UT)	-	-	-	-	-	13,934	-	-	-	-	-
Bridger, Jim (WY)	1,028,566	514	-	-	-	-	547	1	-	586	10
Carbon (UT)	84,663	398	-	-	-	-	41	1	-	100	-
Centralia (WA)	393,880	1,620	-	-	-	-	268	3	-	1,359	4
Clearwater 1 (OR)	-	-	-	3,530	-	-	-	-	-	-	-
Clearwater 2 (OR)	-	-	-	6,306	-	-	-	-	-	-	-
Cline Falls (OR)	-	-	-	-	-	-	-	-	-	-	-
Condit (WA)	-	-	-	10,188	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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											
Copco 1 (CA)	-	-	-	5,122	-	-	-	-	-	-	-
Copco 2 (CA)	-	-	-	6,742	-	-	-	-	-	-	-
Cove (ID)	-	-	-	2,840	-	-	-	-	-	-	-
Cutler (UT)	-	-	-	673	-	-	-	-	-	-	-
Eagle Point (OR)	-	-	-	1,100	-	-	-	-	-	-	-
East Side (OR)	-	-	-	1,052	-	-	-	-	-	-	-
Fall Creek (CA)	-	-	-	1,054	-	-	-	-	-	-	-
Fish Creek (OR)	-	-	-	4,859	-	-	-	-	-	-	-
Ftn Green (UT)	-	-	-	52	-	-	-	-	-	-	-
Gadsby (UT)	-126	-	-58	-	-	-	-	-	-	-	-
Grace (ID)	-	-	-	14,651	-	-	-	-	-	-	-
Granite (UT)	-	-	-	768	-	-	-	-	-	-	-
Hale (UT)	-	-	-48	-	-	-	-	-	-	-	-
Hunter (emery) (UT)	581,170	797	-	-	-	-	254	1	-	1,545	6
Huntington Canyon (UT)	544,725	663	-	-	-	-	229	1	-	689	5
Hydro No. 1 (UT)	-	-	-	160	-	-	-	-	-	-	-
Hydro No. 2 (UT)	-	-	-	67	-	-	-	-	-	-	-
Hydro No. 3 (UT)	-	-	-	147	-	-	-	-	-	-	-
Iron Gate (CA)	-	-	-	7,226	-	-	-	-	-	-	-
John C Boyle (OR)	-	-	-	13,179	-	-	-	-	-	-	-
Johnston, Dave (WY)	538,084	313	-	-	-	-	367	1	-	262	3
Last Chance (UT)	-	-	-	756	-	-	-	-	-	-	-
Lemolo 1 (OR)	-	-	-	15,789	-	-	-	-	-	-	-
Lemolo 2 (OR)	-	-	-	20,296	-	-	-	-	-	-	-
Little Mountain (UT)	-	-	4,945	-	-	-	-	-	96	-	2
Merwin (WA)	-	-	-	34,775	-	-	-	-	-	-	-
Naches (WA)	-	-	-	3,013	-	-	-	-	-	-	-
Naches Drop (WA)	-	-	-	416	-	-	-	-	-	-	-
Naughton (WY)	342,643	105	669	-	-	-	184	*	7	305	1
Olmstead (UT)	-	-	-	-6	-	-	-	-	-	-	-
Oneida (ID)	-	-	-	4,359	-	-	-	-	-	-	-
Paris (ID)	-	-	-	373	-	-	-	-	-	-	-
Pioneer (UT)	-	-	-	1,601	-	-	-	-	-	-	-
Powerdale (OR)	-	-	-	4,459	-	-	-	-	-	-	-
Prospect 1 (OR)	-	-	-	3,239	-	-	-	-	-	-	-
Prospect 2 (OR)	-	-	-	23,196	-	-	-	-	-	-	-
Prospect 3 (OR)	-	-	-	4,792	-	-	-	-	-	-	-
Prospect 4 (OR)	-	-	-	645	-	-	-	-	-	-	-
Slide Creek (OR)	-	-	-	9,778	-	-	-	-	-	-	-
Snake Creek (UT)	-	-	-	139	-	-	-	-	-	-	-
Soda (ID)	-	-	-	2,671	-	-	-	-	-	-	-
Soda Springs (OR)	-	-	-	6,619	-	-	-	-	-	-	-
St Anthony (ID)	-	-	-	322	-	-	-	-	-	-	-
Stairs (UT)	-	-	-	-	-	-	-	-	-	-	-
Stayton (OR)	-	-	-	60	-	-	-	-	-	-	-
Swift No. 2 (WA)	-	-	-	17,742	-	-	-	-	-	-	-
Swift 1 (WA)	-	-	-	58,754	-	-	-	-	-	-	-
Toketee (OR)	-	-	-	22,607	-	-	-	-	-	-	-
Viva (WY)	-	-	-	258	-	-	-	-	-	-	-
Wallowa Falls (OR)	-	-	-	428	-	-	-	-	-	-	-
Weber (UT)	-	-	-	2,237	-	-	-	-	-	-	-
West Side (OR)	-	-	-	110	-	-	-	-	-	-	-
Wyodak (WY)	223,080	575	-	-	-	-	166	1	-	-	4
Yale (WA)	-	-	-	39,312	-	-	-	-	-	-	-
Painesville Mun Lt Plant	11,015	24	48	-	-	-	7	*	1	5	2
Painesville (OH)	11,015	24	48	-	-	-	7	*	1	5	2
Palmyra City Of Bd Of Pub											
Works	-	5	18	-	-	-	-	*	*	-	*
Palmyra (MO)	-	5	18	-	-	-	-	*	*	-	*
Paragould Light Plant Comm											
Paragould (AR)	-	-	-	-	-	-	-	-	-	-	-
Paris Light & Power Dept											
Paris (KY)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Park River Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Park River (ND)	-	-	-	-	-	-	-	-	-	-	-
Parowan City Corporation	-	-	-	204	-	-	-	-	-	-	-
Center Creek (UT)	-	-	-	204	-	-	-	-	-	-	-
Paragonah (UT)	-	-	-	-	-	-	-	-	-	-	-
Pasadena City Of Wtr & Pwr	-	-	26,629	45	-	-	-	-	314	-	123
Dept	-	-	-	45	-	-	-	-	-	-	-
Azusa (CA)	-	-	-	-	-	-	-	-	-	-	-
Broadway (CA)	-	-	26,458	-	-	-	-	-	310	-	109
Glenarm (CA)	-	-	171	-	-	-	-	-	4	-	14
Pattonsburg Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Pattonsburg (MO)	-	-	-	-	-	-	-	-	-	-	-
Paullina Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Paullina (IA)	-	-	-	-	-	-	-	-	-	-	-
Pawhuska Light & Water Plant	-	-	-	-	-	-	-	-	-	-	-
Pawhuska (OK)	-	-	-	-	-	-	-	-	-	-	-
Peabody Mun Light Plant	-	72	1,771	-	-	-	-	*	25	-	9
Warren St (MA)	-	62	-	-	-	-	-	*	-	-	5
Waters River (MA)	-	10	1,771	-	-	-	-	*	25	-	4
Pelican Utility Company	-	79	-	196	-	-	-	*	-	-	*
Pelican (AK)	-	79	-	196	-	-	-	*	-	-	*
Pella Municipal Power & Light	4,193	-	3,600	-	-	-	4	-	69	4	1
Pella (IA)	4,193	-	3,600	-	-	-	4	-	69	4	1
Pend Oreille County P U D No 1	-	-	-	44,435	-	-	-	-	-	-	-
Box Canyon (WA)	-	-	-	44,024	-	-	-	-	-	-	-
Calispel Creek (WA)	-	-	-	411	-	-	-	-	-	-	-
Pender Mun Light Plant	-	-	-	-	-	-	-	*	-	-	*
Pender (NE)	-	-	-	-	-	-	-	*	-	-	*
Pennsylvania Electric Co (GPS)	3,374,479	14,315	56	-3,294	-	-	1,325	21	1	3,179	70
Benton (PA)	-	33	-	-	-	-	-	-	-	-	-
Blossburg (PA)	-	-	51	-	-	-	-	-	1	-	-
Conemaugh (PA)	1,004,242	3,274	-	-	-	-	381	4	-	718	9
Deep Creek (MD)	-	-	-	473	-	-	-	-	-	-	-
Front Street (PA)	29,578	127	-	-	-	-	17	*	-	43	1
Homer City (PA)	1,050,745	1,966	-	-	-	-	403	3	-	1,260	14
Keystone (PA)	953,726	5,254	-	-	-	-	377	7	-	802	6
Piney (PA)	-	-	-	9,230	-	-	-	-	-	-	-
Seneca (PA)	-	-	-	-12,997	-	-	-	-	-	-	-
Seward (PA)	68,670	1,654	-	-	-	-	32	3	-	144	*
Shawville (PA)	242,173	1,494	-	-	-	-	101	2	-	162	12
Warren (PA)	22,133	473	5	-	-	-	13	1	-	45	11
Wayne (PA)	-	5	-	-	-	-	-	*	-	-	17
Williamsburg (PA)	3,212	35	-	-	-	-	2	*	-	6	*
Pennsylvania Power & Light Co	1,726,905	73,886	-	80,962	1,442,768	-	719	77	-	7,342	1,685
* Central Storage *	-	-	-	-	-	-	-	-	-	5,228	-
Allentown (PA)	-	87	-	-	-	-	-	*	-	-	4
Brunner Island (PA)	889,447	1,531	-	-	-	-	354	3	-	374	7
Fishbach (PA)	-	48	-	-	-	-	-	*	-	-	1
Harrisburg (PA)	-	53	-	-	-	-	-	*	-	-	4
Harwood (PA)	-	4	-	-	-	-	-	*	-	-	2
Holtwood (PA)	39,329	8,757	-	74,630	-	-	26	*	-	106	1
Jenkins (PA)	-	-	-	-	-	-	-	-	-	-	2
Loch Haven (PA)	-	18	-	-	-	-	-	*	-	-	2
Martins Creek (PA)	78,297	34,865	-	-	-	-	39	72	-	74	1,643
Montour (PA)	514,667	33	-	-	-	-	190	*	-	504	11
Sunbury (PA)	205,165	28,465	-	-	-	-	109	1	-	1,056	3

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						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)
Pennsylvania Power & Light Co											
Susquehanna (PA)	-	-	-	-	1,442,768	-	-	-	-	-	-
Wallenpaupack (PA)	-	-	-	6,332	-	-	-	-	-	-	-
West Shore (PA)	-	-	-	-	-	-	-	-	-	-	2
Williamsport (PA)	-	25	-	-	-	-	-	-	-	-	2
Pennsylvania Power Co	1,152,880	4,088	-	-	-	-	492	6	-	1,170	23
Mansfield, Bruce (PA)	1,063,897	3,686	-	-	-	-	449	5	-	1,025	22
New Castle (PA)	88,983	402	-	-	-	-	43	1	-	145	1
Peru City Of Lt & Pwr Dept	-	-	-	-	-	-	-	*	-	1	*
Peru (IN)	-	-	-	-	-	-	-	*	-	1	*
Peru City Of Mun Pwr Plant	-	-9	-16	-	-	-	-	*	-	-	1
Peru (IL)	-	-9	-16	-	-	-	-	*	-	-	1
Petersburg Municipal Light & Power	-	7	-	984	-	-	-	*	-	-	*
Petersburg (AK)	-	7	-	984	-	-	-	*	-	-	*
Philadelphia Electric Company	54,048	46,555	8,368	193,310	2,940,124	-	36	104	112	252	520
* Central Storage *	-	-	-	-	-	-	-	-	-	-	95
Chester (PA)	-	87	-	-	-	-	-	-	-	-	6
Conowingo (MD)	-	-	-	244,204	-	-	-	-	-	-	-
Cromby (PA)	2,459	1,537	-	-	-	-	2	5	-	66	21
Croydon (PA)	-	3,124	-	-	-	-	-	6	-	-	84
Delaware (PA)	-	21,938	-	-	-	-	-	48	-	-	61
Eddystone (PA)	51,589	12,612	8,368	-	-	-	34	28	112	187	170
Falls (PA)	-	536	-	-	-	-	-	1	-	-	11
Limerick (PA)	-	-	-	-	1,529,393	-	-	-	-	-	-
Moser (PA)	-	187	-	-	-	-	-	*	-	-	10
Muddy Run (PA)	-	-	-	-50,394	-	-	-	-	-	-	-
Peach Bottom (PA)	-	-	-	-	1,410,731	-	-	-	-	-	-
Richmond (PA)	-	3,536	-	-	-	-	-	8	-	-	49
Schuylkill (PA)	-	2,852	-	-	-	-	-	8	-	-	5
Southwark (PA)	-	146	-	-	-	-	-	*	-	-	6
Piggott Public Improvement Dist											
1	-	6	-	-	-	-	-	*	-	-	1
Piggott (AR)	-	6	-	-	-	-	-	*	-	-	1
Piqua Municipal Power System	11,912	340	-	-	-	-	9	2	-	2	3
Piqua (OH)	11,912	340	-	-	-	-	9	2	-	2	3
Placer County Water Agency	-	-	-	3,844	-	-	-	-	-	-	-
French Meadows (CA)	-	-	-	-9	-	-	-	-	-	-	-
Hell Hole (WA)	-	-	-	301	-	-	-	-	-	-	-
Middle Fork (CA)	-	-	-	918	-	-	-	-	-	-	-
Oxbow (CA)	-	-	-	417	-	-	-	-	-	-	-
Ralston (CA)	-	-	-	2,217	-	-	-	-	-	-	-
Plains Elec Gen & Trans Coop, Inc	17,803	-	158	-	-	-	10	-	2	151	9
Algodones (NM)	-	-	-	-	-	-	-	-	-	-	-
Escalante (NM)	17,803	-	158	-	-	-	10	-	2	151	9
Plainview Municipal Power Plant	-	-	-	-	-	-	-	-	-	-	*
Plainview (NE)	-	-	-	-	-	-	-	-	-	-	*
Plaquemine Lt & Wtr Plant	-	-	-	-	-	-	-	-	-	-	-
Plaquemine (LA)	-	-	-	-	-	-	-	-	-	-	-
Platte River Power Auth	170,179	144	-	-	-	-	102	*	-	196	4
Rawhide (CO)	170,179	144	-	-	-	-	102	*	-	196	4
Ponca City Mun Wtr & Lt Dept	-	12	104	-	-	-	-	*	1	-	1
Ponca Steam (OK)	-	-	-	-	-	-	-	-	-	-	-
Ponca Steam (OK)	-	12	104	-	-	-	-	*	1	-	1

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Portland City Of Electric Dept	-	-	-	71	-	-	-	-	-	-	*
Jenkins, Frank (MI)	-	-	-	-	-	-	-	-	-	-	-
Portland (MI)	-	-	-	71	-	-	-	-	-	-	-
Portland General Electric											
Company	-	-	-	205,212	-3,190	-	-	*	-	480	228
Beaver (OR)	-	-	-	-	-	-	-	-	-	-	209
Bethel (OR)	-	-	-	-	-	-	-	-	-	-	12
Boardman (OR)	-	-	-	-	-	-	-	*	-	480	7
Bull Run (OR)	-	-	-	13,841	-	-	-	-	-	-	-
Faraday (OR)	-	-	-	17,525	-	-	-	-	-	-	-
North Fork (OR)	-	-	-	19,525	-	-	-	-	-	-	-
Oak Grove (OR)	-	-	-	23,336	-	-	-	-	-	-	-
Pelton (OR)	-	-	-	31,664	-	-	-	-	-	-	-
Pelton Re Regulation (OR)	-	-	-	6,095	-	-	-	-	-	-	-
Portland Hydro Proj 1 (OR)	-	-	-	7,541	-	-	-	-	-	-	-
Portland Hydro Proj 2 (OR)	-	-	-	-	-	-	-	-	-	-	-
River Mill (OR)	-	-	-	10,708	-	-	-	-	-	-	-
Round Butte (OR)	-	-	-	71,425	-	-	-	-	-	-	-
Sullivan (OR)	-	-	-	3,552	-	-	-	-	-	-	-
Summit (OR)	-	-	-	-	-	-	-	-	-	-	1
Trojan (OR)	-	-	-	-	-3,190	-	-	-	-	-	-
Potomac Edison Co (APS)	34,508	277	-	4,836	-	-	15	*	-	36	1
Dam 4 (WV)	-	-	-	310	-	-	-	-	-	-	-
Dam 5 (WV)	-	-	-	725	-	-	-	-	-	-	-
Harpers Ferry (WV)	-	-	-	6	-	-	-	-	-	-	-
Luray (VA)	-	-	-	652	-	-	-	-	-	-	-
Millville (WV)	-	-	-	1,773	-	-	-	-	-	-	-
Newport (VA)	-	-	-	766	-	-	-	-	-	-	-
Shenandoah (VA)	-	-	-	264	-	-	-	-	-	-	-
Smith, R P (MD)	34,508	277	-	-	-	-	15	*	-	36	1
Warren (VA)	-	-	-	340	-	-	-	-	-	-	-
Potomac Electric Power Co	1,420,503	65,181	10,024	-	-	-	548	154	148	1,099	1,097
Benning (DC)	-	4,028	-	-	-	-	-	14	-	-	85
Buzzard Point (DC)	-	-187	-	-	-	-	-	*	-	-	19
Chalk Point (MD)	400,297	47,432	10,024	-	-	-	152	117	148	313	734
Dickerson (MD)	299,978	751	-	-	-	-	115	1	-	269	5
Morgantown (MD)	553,929	12,193	-	-	-	-	212	20	-	397	252
Potomac River (VA)	166,299	964	-	-	-	-	69	2	-	119	1
SMECO CT (MD)	-	-	-	-	-	-	-	-	-	-	-
Power Authority Of The State Of											
NY	-	17,580	209,611	1,846,455	726,257	-	-	27	1,981	-	189
Ashokan (NY)	-	-	-	2,449	-	-	-	-	-	-	-
Astoria (NY)	-	17,580	209,611	-	-	-	-	27	1,981	-	189
Blenheim (NY)	-	-	-	-59,148	-	-	-	-	-	-	-
Crescent (NY)	-	-	-	1,417	-	-	-	-	-	-	-
Fitzpatrick (NY)	-	-	-	-	-	-	-	-	-	-	-
Hinckley (NY)	-	-	-	5,423	-	-	-	-	-	-	-
Indian Point (NY)	-	-	-	-	726,257	-	-	-	-	-	-
Kensico (NY)	-	-	-	1,460	-	-	-	-	-	-	-
Lewiston (NY)	-	-	-	-25,973	-	-	-	-	-	-	-
Moses Niagara (NY)	-	-	-	1,269,872	-	-	-	-	-	-	-
Moses Power Dam (NY)	-	-	-	650,955	-	-	-	-	-	-	-
Vischer Ferry (NY)	-	-	-	-	-	-	-	-	-	-	-
Pratt City Of	-	-	3,716	-	-	-	-	-	52	-	2
Pratt (KS)	-	-	3,716	-	-	-	-	-	52	-	2
Preston Public Utilities Comm	-	-1	-	-	-	-	-	-	-	-	*
Preston (MN)	-	-1	-	-	-	-	-	-	-	-	-
Preston, Town Of Mun Lt & Pwr											
Preston (IA)	-	-	-	-	-	-	-	-	-	-	-
Primghar Municipal Lt Plant	-	-	-	-	-	-	-	-	-	-	-
Primghar (IA)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Prince William Electric Coop	-	-	-	-	-	-	-	-	-	-	-
Whitesboro (TX)	-	-	-	-	-	-	-	-	-	-	-
Princeton Mun Pwr & Lt Plant	-	-	-	-	-	-	-	*	-	-	1
Princeton (MN)	-	-	-	-	-	-	-	*	-	-	1
Princeton Municipal Utilities	-	17	42	-	-	-	-	*	*	-	*
Princeton (IL)	-	17	42	-	-	-	-	*	*	-	*
Proctor Public Util Comm	-	1	1	-	-	-	-	*	*	-	*
Tecumseh (NE)	-	1	1	-	-	-	-	*	*	-	*
Providence Lt & Wtr	-	-	-	-	-	-	-	-	-	-	-
Providence (RI)	-	-	-	-	-	-	-	-	-	-	-
Provo City Corporation Dept Of	-	-	793	-	-	-	-	*	26	-	1
Util	-	-	793	-	-	-	-	*	26	-	1
Provo (UT)	-	-	793	-	-	-	-	*	26	-	1
Public Serv Co Of Oklahoma	487,893	9	512,333	-	-	-	285	*	5,065	671	2
(CSW)	-	-	84,644	-	-	-	-	-	712	-	-
Comanche (OK)	487,893	-	168,116	-	-	-	285	*	1,612	671	*
Northeastern (OK)	-	-	212,702	-	-	-	-	*	2,187	-	1
Riverside (OK)	-	-	46,707	-	-	-	-	-	551	-	1
Southwestern (OK)	-	9	-	-	-	-	-	*	-	-	*
Tulsa (OK)	-	-	164	-	-	-	-	-	3	-	*
Weleetka (OK)	-	-	-	-	-	-	-	-	-	-	-
Public Service Co Of Colorado	1,016,331	1,093	23,311	8,574	-	-	570	2	252	1,415	128
Alamosa (CO)	-	34	176	-	-	-	-	*	3	-	6
Arapahoe (CO)	61,211	-	359	-	-	-	35	-	5	112	-
Boulder Hydro (CO)	-	-	-	1,897	-	-	-	-	-	-	-
Cabin Creek (CO)	-	-	-	-6,841	-	-	-	-	-	-	-
Cameo (CO)	29,237	-	299	-	-	-	15	-	3	34	*
Cherokee (CO)	375,356	-	19,348	-	-	-	178	-	197	380	3
Comanche (CO)	212,375	884	174	-	-	-	132	2	2	433	2
Fort Lupton (CO)	-	-	709	-	-	-	-	-	12	-	10
Fruita (CO)	-	2	175	-	-	-	-	*	3	-	*
Georgetown Hydro (CO)	-	-	-	587	-	-	-	-	-	-	-
Palisade Hydro (CO)	-	-	-	1,340	-	-	-	-	-	-	-
Pawnee (CO)	321,554	173	-	-	-	-	202	*	-	351	7
Salida No. 1 Hydro (CO)	-	-	-	473	-	-	-	-	-	-	-
Salida No. 2 Hydro (CO)	-	-	-	359	-	-	-	-	-	-	-
Shoshone Hydro (CO)	-	-	-	10,759	-	-	-	-	-	-	-
Valmont (CO)	16,598	-	609	-	-	-	8	-	7	104	9
Zuni (CO)	-	-	1,462	-	-	-	-	-	21	-	91
Public Service Co Of Ind, Inc	2,236,972	5,156	-	18,952	-	-	1,037	9	-	2,301	40
Cayuga (IN)	253,626	694	-	-	-	-	120	1	-	413	3
Connersville (IN)	-	233	-	-	-	-	-	*	-	-	6
Edwardsport (IN)	5,536	124	-	-	-	-	5	*	-	35	4
Gallagher, R (IN)	177,551	2,026	-	-	-	-	90	3	-	257	2
Gibson (IN)	1,647,232	1,150	-	-	-	-	745	2	-	1,366	12
Markland (IN)	-	-	-	18,952	-	-	-	-	-	-	-
Miami Wabash (IN)	-	131	-	-	-	-	-	1	-	-	9
Noblesville (IN)	1,029	31	-	-	-	-	1	*	-	15	*
Wabash River (IN)	151,998	767	-	-	-	-	76	1	-	215	3
Public Service Co Of New	73,753	311,134	-	44,634	2,081	-	31	551	-	262	215
Hampshire	-	-	-	11,675	-	-	-	-	-	-	-
Amoskeag (NH)	-	-	-	6,170	-	-	-	-	-	-	-
Ayers Island (NH)	-	-	-	743	-	-	-	-	-	-	-
Canaan (VT)	-	-	-	3,958	-	-	-	-	-	-	-
Eastman Falls (NH)	-	-	-	6,398	-	-	-	-	-	-	-
Garvins Falls (NH)	-	-	-	1,372	-	-	-	-	-	-	-
Gorham (NH)	-	-	-	954	-	-	-	-	-	-	-
Hooksett (NH)	-	-	-	1,385	-	-	-	-	-	-	-
Jackman (NH)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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 New Hampshire											
Lost Nation (NH)	-	67	-	-	-	-	-	-	-	-	2
Merrimack (NH)	73,169	8	-	-	-	-	28	-	-	254	3
Newington (NH)	-	257,315	-	-	-	-	-	444	-	-	2
Schiller (NH)	584	53,608	-	-	-	-	3	106	-	9	205
Seabrook (NH)	-	-	-	-	2,081	-	-	-	-	-	-
Smith (NH)	-	-	-	11,979	-	-	-	-	-	-	-
Swans Falls (ME)	-	30	-	-	-	-	-	-	-	-	-
White Lake (NH)	-	106	-	-	-	-	-	-	-	-	2
Public Service Co Of New Mexico											
Las Vegas (NM)	927,003	2,409	383	-	-	-	550	5	10	606	34
Person (NM)	-	-11	-	-	-	-	-	-	-	-	5
Reeves (NM)	-	-	383	-	-	-	-	-	10	-	-
San Juan (NM)	927,003	2,420	-	-	-	-	550	5	-	606	28
Public Service Elec And Gas Co											
Bayonne (NJ)	181,481	45,743	96,088	-	760,046	-	69	114	1,197	824	1,136
Bergen (NJ)	-	-9	-	-	-	-	-	-	-	-	6
Burlington (NJ)	-	-	85,767	-	-	-	-	-	1,004	-	295
Edison (NJ)	-	13,371	-	-	-	-	-	31	-	-	110
Essex (NJ)	-	-32	-10	-	-	-	-	-	2	-	56
Hope Creek (NJ)	-	-	816	-	-	-	-	-	13	-	73
Hudson (NJ)	-	-	-	-	772,503	-	-	-	-	-	-
Kearny (NJ)	103,262	-75	3,730	-	-	-	41	-	55	394	114
Linden (NJ)	-	-961	73	-	-	-	-	1	7	-	86
Mercer (NJ)	-	32,181	620	-	-	-	-	77	14	-	256
National Park (NJ)	78,219	263	4,795	-	-	-	28	1	76	430	18
Salem (NJ)	-	-7	-	-	-	-	-	-	-	-	2
Sewaren (NJ)	-	-14	-	-	-12,457	-	-	-	-	-	16
	-	1,026	297	-	-	-	-	4	26	-	104
Puget Sound Power & Light Company											
Crystal Mountain (WA)	-	93	299	117,605	-	-	-	-	4	-	111
Electron (WA)	-	-	-	15,063	-	-	-	-	-	-	-
Frederickson (WA)	-	-	-	-	-	-	-	-	-	-	-
Frutonia (WA)	-	152	259	-	-	-	-	-	3	-	50
Lower Baker (WA)	-	-	-	28,696	-	-	-	-	-	-	-
Nooksack (WA)	-	-	-	438	-	-	-	-	-	-	-
Shuffleton (WA)	-	-62	-	-	-	-	-	-	-	-	-
Snoqualmie (WA)	-	-	-	31,279	-	-	-	-	-	-	-
South Whidbey (WA)	-	-	-	-	-	-	-	-	-	-	5
Upper Baker (WA)	-	-	-	26,986	-	-	-	-	-	-	-
White River (WA)	-	-	-	15,143	-	-	-	-	-	-	-
Whitehorn (WA)	-	3	40	-	-	-	-	-	1	-	55
Radford Mun Power Plant											
Radford (VA)	-	-	-	701	-	-	-	-	-	-	-
	-	-	-	701	-	-	-	-	-	-	-
Rantoul, Village Of, Lt & Pwr											
Dept	-	-	-	-	-	-	-	-	-	-	2
Rantoul (IL)	-	-	-	-	-	-	-	-	-	-	2
Raton Public Service Company											
Raton (NM)	2,819	-	-	-	-	-	2	-	-	2	-
	2,819	-	-	-	-	-	2	-	-	2	-
Rayne Elec Lt & Pwr											
Rayne (LA)	-	-	-	-	-	-	-	-	-	-	-
Red Bud City Of											
Red Bud (IL)	-	24	-	-	-	-	-	-	-	-	1
	-	24	-	-	-	-	-	-	-	-	1
Red Cloud City Of Mun Lt & Pwr											
Red Cloud (NE)	-	-	-	-	-	-	-	-	-	-	-
Redding City Of											
Whiskeytown (CA)	-	-	-	632	-	-	-	-	-	-	-
	-	-	-	632	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Redlands Water & Power Co	-	-	-	1,020	-	-	-	-	-	-	-
Redlands (CO)	-	-	-	1,020	-	-	-	-	-	-	-
Redwood Falls Pub Util Comm	-	60	-	59	-	-	-	*	-	-	2
Redwood Falls (MN)	-	60	-	59	-	-	-	*	-	-	2
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	29,106	47	-	-	-	-	15	*	-	47	1
Wittewater Valley (IN)	29,106	47	-	-	-	-	15	*	-	47	1
River Falls Municipal Utilities	-	4	23	172	-	-	-	*	*	-	3
Junction (WI)	-	4	23	109	-	-	-	*	*	-	3
Powell Falls (WI)	-	-	-	63	-	-	-	-	-	-	-
Robstown City Of	-	215	2,723	-	-	-	-	*	29	-	5
Robstown (TX)	-	215	2,723	-	-	-	-	*	29	-	5
Rochelle Municipal Utilities	-	-	760	-	-	-	-	-	54	-	2
Rochelle No. 1 (IL)	-	-	-	-	-	-	-	-	-	-	1
Rochelle No. 2 (IL)	-	-	760	-	-	-	-	-	54	-	*
Rochester City Of Elec Dept	647	-18	10,143	2,015	-	-	*	*	126	29	4
Cascade Creek (MN)	-	-18	-	-	-	-	-	-	-	-	4
Rochester (MN)	-	-	-	2,015	-	-	-	-	-	-	-
Silver Lake (MN)	647	-	10,143	-	-	-	*	-	126	29	-
Rochester Gas & Elec Corp	165,503	327	310	29,156	246,255	-	63	1	5	148	5
Genoa (NY)	-	-	-	-	246,255	-	-	-	-	-	-
Station 160 (NY)	-	-	-	237	-	-	-	-	-	-	-
Station 170 (NY)	-	-	-	573	-	-	-	-	-	-	-
Station 172 (NY)	-	-	-	42	-	-	-	-	-	-	-
Station 2 (NY)	-	-	-	3,751	-	-	-	-	-	-	-
Station 26 (NY)	-	-	-	1,267	-	-	-	-	-	-	-
Station 3 (NY)	47,499	70	-	-	-	-	18	*	-	36	4
Station 5 (NY)	-	-	-	23,286	-	-	-	-	-	-	-
Station 7 (NY)	118,004	257	-	-	-	-	46	*	-	112	1
Station 9 (NY)	-	-	310	-	-	-	-	-	5	-	-
Rock Port Bd Of Public Works	-	1	9	-	-	-	-	*	*	-	*
Rockport (MO)	-	1	9	-	-	-	-	*	*	-	*
Rock Rapids City Of (Util Div)	-	-	-	-	-	-	-	*	-	-	*
Rock Rapids (IA)	-	-	-	-	-	-	-	*	-	-	*
Rockford Mun Light Plant	-	-	-	-	-	-	-	-	-	-	-
Rockford (IA)	-	-	-	-	-	-	-	-	-	-	-
Rockville Center El Lt Dept	-	222	1,073	-	-	-	-	1	12	-	2
Rockville (NY)	-	222	1,073	-	-	-	-	1	12	-	2
Roseau, Village Of	-	-7	-	-	-	-	-	-	-	-	*
Roseau (MN)	-	-7	-	-	-	-	-	-	-	-	*
Russell City Of	-	266	2,390	-	-	-	-	1	28	-	3
Russell (KS)	-	266	2,390	-	-	-	-	1	28	-	3

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Ruston Water & Light Plant	-	-	14,314	-	-	-	-	-	167	-	-
Ruston (LA)	-	-	14,314	-	-	-	-	-	167	-	-
Sabetha City Of	-	2	-	-	-	-	-	*	-	-	2
Sabetha (KS)	-	2	-	-	-	-	-	*	-	-	2
Sacramento Municipal Utility Dist	-	-	371	59,975	-3,340	93,104	-	*	6	-	2
Camino (CA)	-	-	-	8,099	-	-	-	-	-	-	-
Camp Far W (CA)	-	-	-	1,598	-	-	-	-	-	-	-
Coldwater Creek (CA)	-	-	-	-	-	39,406	-	-	-	-	-
Jaybird (CA)	-	-	-	16,467	-	-	-	-	-	-	-
Jones Fork (CA)	-	-	-	-7	-	-	-	-	-	-	-
Loon Lake (CA)	-	-	-	962	-	-	-	-	-	-	-
McClellan (CA)	-	-	371	-	-	-	-	*	6	-	2
Rancho Seco (CA)	-	-	-	-	-3,340	-	-	-	-	-	-
Robbs Peak (CA)	-	-	-	1,655	-	-	-	-	-	-	-
Slab Creek (CA)	-	-	-	-5	-	-	-	-	-	-	-
Smudgeo (CA)	-	-	-	-	-	53,440	-	-	-	-	-
Solar (CA)	-	-	-	-	-	258	-	-	-	-	-
Union Valley (CA)	-	-	-	3,618	-	-	-	-	-	-	-
White Rock (CA)	-	-	-	27,588	-	-	-	-	-	-	-
Safe Harbor Water Power Corp	-	-	-	148,786	-	-	-	-	-	-	-
Safe Harbor (PA)	-	-	-	148,786	-	-	-	-	-	-	-
Salt River Proj Agri Imp Pwr Dist 1,501,439	8,910	127,020	35,636	-	-	-	747	14	1,315	2,725	610
* Central Storage *	-	-	-	-	-	-	-	-	-	-	42
Agua Fria (AZ)	-	-	67,851	-	-	-	-	-	740	-	221
Coronado (AZ)	469,191	707	-	-	-	-	260	1	-	614	17
Crosscut (AZ)	-	-4	-	15	-	-	-	-	-	-	2
Horse Mesa (AZ)	-	-	-	13,792	-	-	-	-	-	-	-
Kyrene (AZ)	-	-	1,886	-	-	-	-	-	32	-	144
Mormon Flat (AZ)	-	-	-	7,209	-	-	-	-	-	-	-
Navajo (AZ)	1,032,248	8,200	-	-	-	-	488	13	-	2,110	58
Roosevelt (AZ)	-	-	-	9,162	-	-	-	-	-	-	-
San Tan (AZ)	-	7	57,283	-	-	-	-	*	543	-	126
South Con (AZ)	-	-	-	-	-	-	-	-	-	-	-
Stewart Mtn (AZ)	-	-	-	5,458	-	-	-	-	-	-	-
San Antonio Public Service Bd	505,438	541	543,202	-	-	-	319	1	5,471	734	560
Braunig, V H (TX)	-	-	196,585	-	-	-	-	-	2,001	-	327
Deely, J T (TX)	505,438	514	-	-	-	-	319	1	-	734	-
Leon Creek (TX)	-	-	805	-	-	-	-	-	14	-	2
Mission Road (TX)	-	-	1,818	-	-	-	-	-	24	-	-
Sommers, O W (TX)	-	27	313,430	-	-	-	-	*	3,093	-	179
Tuttle, W B (TX)	-	-	30,564	-	-	-	-	-	338	-	52
San Diego Gas & Electric	-	40,123	310,106	-	-	-137	-	72	3,309	-	1,492
* Central Storage *	-	-	-	-	-	-	-	-	-	-	3
Division (CA)	-	-	-	-	-	-	-	-	-	-	-
El Cajon (CA)	-	-	-	-	-	-	-	-	-	-	1
Encina (CA)	-	36,902	112,227	-	-	-	-	66	1,273	-	1,057
Heber (CA)	-	-	-	-	-	-137	-	-	-	-	-
Kearny (CA)	-	273	202	-	-	-	-	1	3	-	41
Miramar (CA)	-	21	578	-	-	-	-	*	9	-	3
Naval Station (CA)	-	-	-	-	-	-	-	-	-	-	10
Naval Training Cntr (CA)	-	1	15	-	-	-	-	*	-	-	1
North Island (CA)	-	-	-	-	-	-	-	-	-	-	1
Silver Gate (CA)	-	-	-	-	-	-	-	-	-	-	-
South Bay (CA)	-	2,926	197,180	-	-	-	-	5	2,016	-	373
Station B (CA)	-	-	-96	-	-	-	-	-	8	-	-
San Miguel Electric Coop	278,506	329	-	-	-	-	289	1	-	421	20
San Miguel (TX)	278,506	329	-	-	-	-	289	1	-	421	20
Sanborn Municipal Light Plant	-	-	-	-	-	-	-	-	-	-	-
Sanborn (IA)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						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)
Santa Clara City Of	-	-	-	1,088	-	-	-	-	-	-	-
Stony Gorge (CA)	-	-	-	1,088	-	-	-	-	-	-	-
Sargent City Of	-	1	-	-	-	-	-	*	-	-	*
Sargent (NE)	-	1	-	-	-	-	-	*	-	-	*
Savannah Electric & Power Co	171,615	2,768	5,467	-	-	-	68	5	66	182	100
Boulevard (GA)	-	-	80	-	-	-	-	-	2	-	14
McIntosh (GA)	103,614	52	-	-	-	-	40	*	-	79	41
Port Wentworth (GA)	68,001	2,716	4,690	-	-	-	27	5	51	103	36
Riverside (GA)	-	-	697	-	-	-	-	-	13	-	9
Seaford Lt & Power	-	99	-	-	-	-	-	*	-	-	2
Seaford (DE)	-	99	-	-	-	-	-	*	-	-	2
Seattle Dept Of Lighting	-	-	-	792,539	-	-	-	-	-	-	-
Boundary (WA)	-	-	-	631,857	-	-	-	-	-	-	-
Cedar Falls (WA)	-	-	-	6,801	-	-	-	-	-	-	-
Diablo (WA)	-	-	-	49,484	-	-	-	-	-	-	-
Gorge (WA)	-	-	-	64,732	-	-	-	-	-	-	-
New Halem (WA)	-	-	-	1,761	-	-	-	-	-	-	-
Ross Dam (WA)	-	-	-	37,904	-	-	-	-	-	-	-
Sebewaing Lt & Wtr Dept	-	6	-	-	-	-	-	*	-	-	1
Main Street (MI)	-	-	-	-	-	-	-	-	-	-	1
Pine Street (MI)	-	6	-	-	-	-	-	*	-	-	-
Sebring Utilities Commission	-	8,408	572	-	-	-	-	13	11	-	47
S Dinner Lk (FL)	-	-	572	-	-	-	-	-	11	-	-
S Phillips (FL)	-	7,971	-	-	-	-	-	12	-	-	46
Sebring (FL)	-	437	-	-	-	-	-	1	-	-	1
Sequin City Of	-	1	-	163	-	-	-	*	-	-	*
Sequin (TX)	-	1	-	163	-	-	-	*	-	-	*
Seminole Electric Coop Inc	703,074	2,849	-	-	-	-	301	4	-	547	6
Seminole (FL)	703,074	2,849	-	-	-	-	301	4	-	547	6
Seneca Hydroelectric Company											
Inc	-	-	-	113	-	-	-	-	-	-	-
Seneca (NY)	-	-	-	113	-	-	-	-	-	-	-
Seward Electric System	-	-	-	-	-	-	-	-	-	-	-
Schoonmaker (AK)	-	-	-	-	-	-	-	-	-	-	-
Sharon Spring City Of	-	1	5	-	-	-	-	*	*	-	*
Sharon Spring (KS)	-	1	5	-	-	-	-	*	*	-	*
Shelby Mun Light Plant	6,024	-	21	-	-	-	4	-	*	13	*
Shelby (OH)	6,024	-	21	-	-	-	4	-	*	13	*
Sho Me Power Cooperative	-	-	-	983	-	-	-	-	-	-	-
Niangua (MO)	-	-	-	983	-	-	-	-	-	-	-
Shrewsbury El Lt Plant	-	157	-	-	-	-	-	*	-	-	2
Shrewsbury (MA)	-	157	-	-	-	-	-	*	-	-	2
Sibley Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Sibley (IA)	-	-	-	-	-	-	-	-	-	-	-
Sidney City Of (Electric Util)	-	6	32	-	-	-	-	*	*	-	1
Sidney (NE)	-	6	32	-	-	-	-	*	*	-	1
Sierra Pacific Power Company	159,514	525	180,355	5,457	-	-	83	1	1,870	329	274
Battle Mt (NV)	-	-31	-	-	-	-	-	*	-	-	*
Brunswick (NV)	-	-16	-	-	-	-	-	-	-	-	*
Elko (NV)	-	-8	-	-	-	-	-	*	-	-	*
Fallon (NV)	-	-	-1	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Sierra Pacific Power Company											
Farad (CA)	-	-	-	1,450	-	-	-	-	-	-	-
Fleish (NV)	-	-	-	1,521	-	-	-	-	-	-	-
Fort Churchill (NV)	-	-	100,149	-	-	-	-	-	1,098	-	91
Gabbs (NV)	-	11	-	-	-	-	-	-	-	-	1
Kings Beach (CA)	-	-63	-	-	-	-	-	-	-	-	1
Lahontan (NV)	-	-	-	891	-	-	-	-	-	-	-
North Valmy (NV)	159,514	676	-	-	-	-	83	1	-	329	3
Portola (CA)	-	-30	-	-	-	-	-	-	-	-	-
Tracy (NV)	-	-	71,203	-	-	-	-	-	772	-	176
Valley Road (NV)	-	-14	-	-	-	-	-	-	-	-	-
Verdi (NV)	-	-	-	1,241	-	-	-	-	-	-	-
Washoe (NV)	-	-	-	-3	-	-	-	-	-	-	-
Winnemucca (NV)	-	-	4	-	-	-	-	-	-	-	-
26 Foot Drop (NV)	-	-	-	357	-	-	-	-	-	-	-
Sikeston Bd Of Mun Utilities	88,381	154	-	-	-	-	46	*	-	125	3
Coleman, E. P. (MO)	-	-	-	-	-	-	-	-	-	-	-
Sikeston (MO)	88,381	154	-	-	-	-	46	*	-	125	3
Sioux Center Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Sioux Center (IA)	-	-	-	-	-	-	-	-	-	-	-
Sioux Falls Mun Lt & Pwr Dept	-	-	-	-	-	-	-	-	-	-	-
Sioux Falls (SD)	-	-	-	-	-	-	-	-	-	-	-
Sitka City Of (Electric Dept)	-	15	-	7,470	-	-	-	*	-	-	5
Blue Lake (AK)	-	-	-	3,157	-	-	-	-	-	-	-
Green Lake (AK)	-	-	-	4,313	-	-	-	-	-	-	-
Halibut Point (AK)	-	-	-	-	-	-	-	-	-	-	-
Indian River (AK)	-	15	-	-	-	-	-	*	-	-	5
Skaneateles City Of	-	-	-	-	-	-	-	-	-	-	-
Skaneateles (NY)	-	-	-	-	-	-	-	-	-	-	-
Sleepy Eye Public Util Comm	-	-	-	-	-	-	-	-	-	*	1
Sleepy Eye (MN)	-	-	-	-	-	-	-	-	-	*	1
Soda Springs City Of	-	-	-	117	-	-	-	-	-	-	-
Soda Springs (ID)	-	-	-	117	-	-	-	-	-	-	-
South Beloit Wtr Gas & Elec Co.	-	-	-	808	-	-	-	-	-	-	-
Rockton (IL)	-	-	-	808	-	-	-	-	-	-	-
South Carolina Electric & Gas Co 1,083,203	7,362	1,576	4,462	88,688	-	-	425	11	18	1,017	227
Burton (SC)	-	-	13	-	-	-	-	-	-	-	1
Canadys (SC)	236,089	50	772	-	-	-	98	*	7	199	2
Coit (SC)	-	-	-	-	-	-	-	-	-	-	2
Columbia Hydro (SC)	-	-	-	3,856	-	-	-	-	-	-	-
Faber Place (SC)	-	-	-	-	-	-	-	-	-	-	-
Fairfield County (SC)	-	-	-	-20,259	-	-	-	-	-	-	-
Hagood (SC)	-	928	118	-	-	-	-	2	3	-	11
Hardeeville (SC)	-	21	-	-	-	-	-	*	-	-	*
Mcmeekin (SC)	169,593	11	-	-	-	-	63	*	-	119	3
Neal Shoals (SC)	-	-	-	3,155	-	-	-	-	-	-	-
Parr (SC)	-	-	289	-	-	-	-	-	5	-	7
Parr Hydro (SC)	-	-	-	8,657	-	-	-	-	-	-	-
Saluda Hydro (SC)	-	-	-	3	-	-	-	-	-	-	-
Stevens Creek Hydro (GA)	-	-	-	9,050	-	-	-	-	-	-	-
Urquhart (SC)	157,005	23	384	-	-	-	63	*	3	107	1
V. C. Summer (SC)	-	-	-	-	88,688	-	-	-	-	-	-
Wateree (SC)	382,222	4,394	-	-	-	-	149	6	-	292	8
Williams (SC)	138,294	1,935	-	-	-	-	52	2	-	299	191
Williams (SC)	-	-	-	-	-	-	-	-	-	-	-
South Carolina Public Service											
Auth	992,619	1,365	-	33,196	-	-	393	2	-	945	120
Cross (SC)	350,285	96	-	-	-	-	128	*	-	244	5

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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 Public Service											
Auth											
Grainger, Dolphus M (SC)	49,360	162	-	-	-	-	21	-	-	60	-
Hilton Head (SC)	-	-44	-	-	-	-	-	-	-	-	24
Jefferies (SC)	149,597	129	-	17,434	-	-	59	-	-	104	56
Myrtle Beach (SC)	-	-23	-	-	-	-	-	-	-	-	25
Spillway (SC)	-	-	-	1,105	-	-	-	-	-	-	-
St. Stephen (SC)	-	-	-	14,657	-	-	-	-	-	-	-
Winyah (SC)	443,377	1,045	-	-	-	-	185	1	-	537	9
South Mississippi Elec Pwr Assn											
Benndale (MS)	122,362	1,149	52,437	-	-	-	55	2	644	325	51
Morrow (MS)	122,362	1,149	-	-	-	-	55	2	-	325	11
Moselle (MS)	-	-	52,437	-	-	-	-	-	644	-	40
Paulding (MS)	-	-	-	-	-	-	-	-	-	-	1
South Norwalk Elec Wks, The											
South Norwalk (CT)	-	58	-	-	-	-	-	-	-	-	2
	-	58	-	-	-	-	-	-	-	-	2
South Texas Elec Coop, Inc											
Rayburn, Sam (TX)	-	-	736	-	-	-	-	-	6	-	23
	-	-	736	-	-	-	-	-	6	-	23
Southern California Edison											
Company	479,628	522,595	657,644	317,539	1,015,802	16	264	845	6,949	601	6,751
* Central Storage *	-	-	-	-	-	-	-	-	-	-	3,743
Alamitos (CA)	-	114,092	208,753	-	-	-	-	181	2,068	-	679
Baker Dam (CA)	-	-	-	-	-	-	-	-	-	-	-
Balsam Meadow (CA)	-	-	-	9,106	-	-	-	-	-	-	-
Big Creek 1 (CA)	-	-	-	19,562	-	-	-	-	-	-	-
Big Creek 2 (CA)	-	-	-	17,368	-	-	-	-	-	-	-
Big Creek 2a (CA)	-	-	-	23,541	-	-	-	-	-	-	-
Big Creek 3 (CA)	-	-	-	65,559	-	-	-	-	-	-	-
Big Creek 4 (CA)	-	-	-	33,314	-	-	-	-	-	-	-
Big Creek 8 (CA)	-	-	-	13,407	-	-	-	-	-	-	-
Bishop Creek 2 (CA)	-	-	-	3,467	-	-	-	-	-	-	-
Bishop Creek 3 (CA)	-	-	-	3,234	-	-	-	-	-	-	-
Bishop Creek 4 (CA)	-	-	-	4,381	-	-	-	-	-	-	-
Bishop Creek 5 (CA)	-	-	-	1,785	-	-	-	-	-	-	-
Bishop Creek 6 (CA)	-	-	-	1,082	-	-	-	-	-	-	-
Borel (CA)	-	-	-	753	-	-	-	-	-	-	-
Cool Water (CA)	-	30	141,596	-	-	-	-	-	1,444	-	423
El Segundo (CA)	-	92,974	62,430	-	-	-	-	149	625	-	212
Ellwood (CA)	-	-2	-5	-	-	-	-	-	-	-	4
Etiwanda (CA)	-	69,285	52,321	-	-	-	-	118	547	-	184
Fontana (CA)	-	-	-	334	-	-	-	-	-	-	-
Highgrove (CA)	-	-184	-	-	-	-	-	-	-	-	43
Huntington Beach (CA)	-	46,429	53,318	-	-	-	-	76	536	-	163
Kaweah 1 (CA)	-	-	-	1,449	-	-	-	-	-	-	-
Kaweah 2 (CA)	-	-	-	1,487	-	-	-	-	-	-	-
Kaweah 3 (CA)	-	-	-	3,243	-	-	-	-	-	-	-
Kern River 1 (CA)	-	-	-	18,046	-	-	-	-	-	-	-
Kern River 3 (CA)	-	-	-	20,236	-	-	-	-	-	-	-
Long Beach (CA)	-	-	24,086	-	-	-	-	-	286	-	125
Lundy (CA)	-	-	-	947	-	-	-	-	-	-	-
Lytile Creek (CA)	-	-	-	178	-	-	-	-	-	-	-
Mammoth Pool (CA)	-	-	-	60,705	-	-	-	-	-	-	-
Mandalay (CA)	-	84,411	52,229	-	-	-	-	133	481	-	261
Mill Creek 1 (CA)	-	-	-	302	-	-	-	-	-	-	-
Mill Creek 2&3 (CA)	-	-	-	-	-	-	-	-	-	-	-
Mill Creek 3 (CA)	-	-	-	740	-	-	-	-	-	-	-
Mohave (NV)	479,628	-	10,141	-	-	-	264	-	114	601	-
Ontario 1 (CA)	-	-	-	321	-	-	-	-	-	-	-
Ontario 2 (CA)	-	-	-	128	-	-	-	-	-	-	-
Ormond Beach (CA)	-	113,815	31,214	-	-	-	-	184	310	-	521
Pebbly Beach (CA)	-	1,898	-	-	-	-	-	4	-	-	2
Poole (CA)	-	-	-	2,312	-	-	-	-	-	-	-
Portal (CA)	-	-	-	4,586	-	-	-	-	-	-	-
Redondo Beach (CA)	-	-	21,561	-	-	-	-	-	537	-	320

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Southern California Edison Company											
Rush Creek (CA)	-	-	-	2,973	-	-	-	-	-	-	-
San Bernardino (CA)	-	-153	-	-	-	-	-	-	-	-	72
San Geronio (CA)	-	-	-	98	-	-	-	-	-	-	-
San Geronio (CA)	-	-	-	-	-	-	-	-	-	-	-
San Onofre (CA)	-	-	-	-	1,015,802	-	-	-	-	-	-
Santa Ana 1 (CA)	-	-	-	545	-	-	-	-	-	-	-
Santa Ana 2 (CA)	-	-	-	275	-	-	-	-	-	-	-
Santa Ana 3 (CA)	-	-	-	42	-	-	-	-	-	-	-
Sierra (CA)	-	-	-	249	-	-	-	-	-	-	-
Tule River (CA)	-	-	-	1,764	-	-	-	-	-	-	-
Wind (CA)	-	-	-	-	-	16	-	-	-	-	-
Southern Illinois Power Coop	92,146	51	-	-	-	-	51	*	-	265	3
Marion (IL)	92,146	51	-	-	-	-	51	*	-	265	3
Southern Indiana Gas & Electric Co											
A. B. Brown (IN)	398,308	771	66	-	-	-	192	1	1	572	3
Broadway (IN)	195,772	618	-	-	-	-	94	1	-	191	1
Culley (IN)	202,956	153	66	-	-	-	98	*	1	212	*
Northeast (IN)	-	-	-	-	-	-	-	-	-	-	-
Warrick (IN)	-420	-	-	-	-	-	-	-	-	169	-
Southwest Public Power District											
Palisade (NE)	-	-	-	-	-	-	-	-	-	-	-
Southwestern Elec Power Co (CSW)											
Arsenal Hill (LA)	1,061,487	1,533	106,667	-	-	-	726	3	1,161	3,326	133
Flint Creek (AR)	-	-	4,909	-	-	-	-	-	57	-	-
Knox Lee (TX)	275,757	313	-	-	-	-	185	1	-	504	17
Lieberman (LA)	-	-	-	-	-	-	-	-	-	-	66
Lone Star (TX)	-	-	-	-	-	-	-	-	-	-	8
Pirkey (TX)	-	-	-	-	-	-	-	-	-	-	14
Welsh (TX)	198,970	-	856	-	-	-	155	-	9	381	13
Wilkes (TX)	566,760	1,220	-	-	-	-	386	2	-	2,441	13
-	-	-	100,902	-	-	-	-	-	1,095	-	3
Southwestern Public Service Co											
Carlsbad (NM)	1,070,188	374	406,763	-	-	17,522	608	1	4,082	1,176	67
Celanese (TX)	-	-	365	-	-	-	-	-	7	-	-
Cunningham (NM)	-	-	-	-	-	17,522	-	-	-	-	-
Harrington (TX)	497,615	-	117,896	-	-	-	-	-	1,140	-	-
Jones (TX)	-	-	3,219	-	-	-	287	-	33	715	-
Maddox (NM)	-	-	63,091	-	-	-	-	-	651	-	48
Nichols (TX)	-	-	67,521	-	-	-	-	-	669	-	-
Plant X (TX)	-	65	79,271	-	-	-	-	*	829	-	-
Tolk Station (TX)	-	295	74,259	-	-	-	-	1	743	-	19
Tucumcari (NM)	572,573	-	1,141	-	-	-	322	-	11	461	-
-	-	14	-	-	-	-	-	*	-	-	1
Spalding Mun Lt & Pwr Co											
Spalding (NE)	-	-	-	44	-	-	-	-	-	-	*
-	-	-	-	44	-	-	-	-	-	-	*
Spartanburg City Of											
Spartanburg (SC)	-	-	-	182	-	-	-	-	-	-	-
-	-	-	-	182	-	-	-	-	-	-	-
Spencer Municipal Utilities											
Spencer (IA)	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	14
Spokane City Of (Water Division)											
Upriver (WA)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
Spring Valley City Of											
Spring Valley (MN)	-	1	7	-	-	-	-	*	*	-	*
-	-	1	7	-	-	-	-	*	*	-	*
Springfield City Of											
Dallman (IL)	116,042	404	-	-	-	-	64	1	-	98	9
-	113,534	246	-	-	-	-	62	*	-	98	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Springfield City Of											
Factory (IL)	-	79	-	-	-	-	-	*	-	-	4
Lakeside (IL)	2,508	1	-	-	-	-	2	*	-	-	4
Reynolds (IL)	-	78	-	-	-	-	-	*	-	-	2
Springfield City Of	-	-	-	-	-	-	-	-	-	-	-
Springfield (CO)	-	-	-	-	-	-	-	-	-	-	-
Springfield Public Utilities	-	-	-	-	-	-	-	-	-	-	1
Springfield (MN)	-	-	-	-	-	-	-	-	-	-	1
Springfield Utilities	99,148	35	924	-	-	-	48	*	13	235	7
James River (MO)	24,162	3	178	-	-	-	12	*	3	186	3
Main Street (MO)	-	-	-	-	-	-	-	-	-	-	1
Southwest (MO)	74,986	32	746	-	-	-	35	*	10	50	3
Springville Electric System	-	-	-	235	-	-	-	-	-	-	-
Springville (NY)	-	-	-	235	-	-	-	-	-	-	-
Springville Municipal Corporation	-	-13	-	285	-	-	-	*	*	-	*
Bartolomew (UT)	-	-	-	158	-	-	-	-	-	-	-
Hobble Creek (UT)	-	-	-	123	-	-	-	-	-	-	-
Spring Creek (UT)	-	-	-	4	-	-	-	-	-	-	-
Whitehead (UT)	-	-13	-	-	-	-	-	*	*	-	*
St Cloud Public Utilities	-	494	3,623	-	-	-	-	1	38	-	2
St Cloud (FL)	-	494	3,623	-	-	-	-	1	38	-	2
St Francis City Of	-	2	-	-	-	-	-	*	-	-	*
St Francis (KS)	-	2	-	-	-	-	-	*	-	-	*
St George City Corp Util	-	-	-	-	-	-	-	-	-	-	-
Commission	-	20	-	47	-	-	-	*	-	-	2
Gunlock Hydro (UT)	-	-	-	47	-	-	-	-	-	-	-
No 2 Diesel (ID)	-	20	-	-	-	-	-	*	-	-	1
St. George (UT)	-	-	-	-	-	-	-	*	-	-	*
St John City Of	-	4	-	-	-	-	-	*	-	-	1
St John (KS)	-	4	-	-	-	-	-	*	-	-	1
St Joseph Light & Power Co	8,260	-128	2,071	-	-	-	4	*	30	38	43
Lake Road (MO)	8,260	-128	2,071	-	-	-	4	*	30	38	43
St Louis Electric Utility	-	-	-	-	-	-	-	-	-	-	*
Saint Louis (MI)	-	-	-	-	-	-	-	-	-	-	*
St Marys Mun Lt & Pwr Plant	3,384	-	-	-	-	-	2	*	-	*	*
Saint Marys (OH)	3,384	-	-	-	-	-	2	*	-	*	*
Stafford City Of	-	-	2	-	-	-	-	*	*	-	*
Stafford (KS)	-	-	2	-	-	-	-	*	*	-	*
Stanberry Power Co	-	-	-	-	-	-	-	-	-	-	-
Stanberry (MO)	-	-	-	-	-	-	-	-	-	-	-
Starke Mun Lt & Wtr Plant	-	67	258	-	-	-	-	*	6	-	1
Stark (FL)	-	67	258	-	-	-	-	*	6	-	1
State Center Mun Lt Plant	-	-	2	-	-	-	-	*	*	-	*
State Center (IA)	-	-	2	-	-	-	-	*	*	-	*
Sterling City Of	-	2	10	-	-	-	-	*	*	-	2
Sterling (KS)	-	2	10	-	-	-	-	*	*	-	2
Stillwater City Of	-	-	-	-	-	-	-	-	-	-	-
Boomer Lake (OK)	-	-	-	-	-	-	-	-	-	-	-
Stockton City Of	-	2	8	-	-	-	-	*	*	-	*
Stockton (KS)	-	2	8	-	-	-	-	*	*	-	*

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Story City Mun Elec Utility	-	-	-	-	-	-	-	-	-	-	-
Story City (IA)	-	-	-	-	-	-	-	-	-	-	-
Strawberry Point Lt & Wtr Dept ..	-	-	-	-	-	-	-	-	-	-	*
Strawberry Point (IA)	-	-	-	-	-	-	-	-	-	-	*
Strawberry Water Users Assoc ...	-	-	-	1,177	-	-	-	-	-	-	-
Payson (UT)	-	-	-	230	-	-	-	-	-	-	-
Spanish Fork (UT)	-	-	-	947	-	-	-	-	-	-	-
Stuart Light & Power Plant	-	-	-	-	-	-	-	-	-	-	*
Stuart (NE)	-	-	-	-	-	-	-	-	-	-	*
Stuart Light & Power System	-	-	4	-	-	-	-	*	1	-	*
Stuart (IA)	-	-	4	-	-	-	-	*	1	-	*
Sturgis City Of	-	137	703	1,243	-	-	-	*	7	-	1
Centerville (MI)	-	-	-	1,243	-	-	-	-	-	-	-
Sturgis (MI)	-	137	703	-	-	-	-	*	7	-	1
Sullivan City Of	-	113	1,964	-	-	-	-	*	20	-	2
Sullivan (IL)	-	113	1,964	-	-	-	-	*	20	-	2
Summer Municipal Light Dept	-	-	-	-	-	-	-	-	-	-	2
Summer (IA)	-	-	-	-	-	-	-	-	-	-	2
Sunflower Electric Coop	173,433	-	1,100	-	-	-	106	-	16	151	-
Garden City (KS)	-	-	189	-	-	-	-	-	5	-	-
Holcomb (KA)	173,433	-	911	-	-	-	106	-	11	151	-
Superior Water Lt & Pwr Co.	-	-	-	-	-	-	-	-	-	-	-
Winslow (WI)	-	-	-	-	-	-	-	-	-	-	-
Swans Island Electric Coop, Inc ..	-	-	-	-	-	-	-	-	-	-	*
Minturn (ME)	-	-	-	-	-	-	-	-	-	-	*
Swanton Electric Department	-	-	-	2,329	-	-	-	-	-	-	-
Higate Falls (VT)	-	-	-	2,329	-	-	-	-	-	-	-
System Energy Resources	-	-	-	-	744,895	-	-	-	-	-	-
Grand Gulf (MS)	-	-	-	-	744,895	-	-	-	-	-	-
Tacoma Dept Of Pub Util (Light Div)	-	-	-	285,085	-	-	-	-	-	-	-
Alder (WA)	-	-	-	21,309	-	-	-	-	-	-	-
Cushman 1 (WA)	-	-	-	6,275	-	-	-	-	-	-	-
Cushman 2 (WA)	-	-	-	15,318	-	-	-	-	-	-	-
La Grande (WA)	-	-	-	33,659	-	-	-	-	-	-	-
Mayfield (WA)	-	-	-	77,049	-	-	-	-	-	-	-
Mossyrock (WA)	-	-	-	131,475	-	-	-	-	-	-	-
Tallahassee City Of	-	31	123,237	213	-	-	-	*	1,338	-	285
Hopkins, Arvah B (FL)	-	31	101,403	-	-	-	-	*	1,047	-	194
Jackson Bluff (FL)	-	-	-	213	-	-	-	-	-	-	-
Purdum, S O (FL)	-	-	21,834	-	-	-	-	-	291	-	91
Tampa Electric Company	1,397,621	7,976	-	-	-	-	579	18	-	1,987	62
* Central Storage *	-	-	-	-	-	-	-	-	-	1,090	-
Big Bend (FL)	975,844	6,620	-	-	-	-	401	16	-	626	58
Gannon, F J (FL)	421,777	1,356	-	-	-	-	178	2	-	272	3
Hookers Point (FL)	-	-	-	-	-	-	-	-	-	-	-
Tapoco, Inc	-	-	-	124,634	-	-	-	-	-	-	-
Calderwood (TN)	-	-	-	47,510	-	-	-	-	-	-	-
Cheoah (NC)	-	-	-	40,246	-	-	-	-	-	-	-
Chilhowee (TN)	-	-	-	14,459	-	-	-	-	-	-	-
Santeetlah (NC)	-	-	-	22,419	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Taunton Mun Lighting Plant	-	2,319	2,174	-	-	-	-	5	24	-	48
Cleary, B F (MA)	-	2,319	2,174	-	-	-	-	5	24	-	48
Tennessee Valley Authority	6,008,927	14,695	-	1,253,942	818,347	-	2,521	22	-	7,818	489
Allen (TN)	240,023	139	-	-	-	-	104	-	-	265	133
Apalachia (TN)	-	-	-	39,318	-	-	-	-	-	-	-
Blue Ridge (GA)	-	-	-	4,996	-	-	-	-	-	-	-
Boone (TN)	-	-	-	27,090	-	-	-	-	-	-	-
Browns Ferry (AL)	-	-	-	-	-8,626	-	-	-	-	-	-
Bull Run (TN)	513,663	4,634	-	-	-	-	203	6	-	271	4
Chatuge (NC)	-	-	-	3,241	-	-	-	-	-	-	-
Cherokee (TN)	-	-	-	24,199	-	-	-	-	-	-	-
Chickamauga (TN)	-	-	-	74,667	-	-	-	-	-	-	-
Colbert (AL)	342,883	151	-	-	-	-	149	1	-	699	97
Cumberland (TN)	572,273	1,057	-	-	-	-	251	2	-	1,444	9
Douglas (TN)	-	-	-	30,547	-	-	-	-	-	-	-
Fontana (NC)	-	-	-	70,770	-	-	-	-	-	-	-
Fort Loudoun (TN)	-	-	-	64,437	-	-	-	-	-	-	-
Fort Patrick Henry (TN)	-	-	-	14,758	-	-	-	-	-	-	-
Gallatin (TN)	556,379	417	-	-	-	-	217	1	-	411	48
Great Falls (TN)	-	-	-	19,783	-	-	-	-	-	-	-
Guntersville (AL)	-	-	-	62,536	-	-	-	-	-	-	-
Hiwassee (NC)	-	-	-	21,890	-	-	-	-	-	-	-
Johnsonville (TN)	512,410	338	-	-	-	-	249	1	-	655	186
Kentucky (KY)	-	-	-	93,546	-	-	-	-	-	-	-
Kingston (TN)	865,665	302	-	-	-	-	338	-	-	494	3
Melton Hill (TN)	-	-	-	10,916	-	-	-	-	-	-	-
Nickajack (TN)	-	-	-	49,529	-	-	-	-	-	-	-
Norris (TN)	-	-	-	31,467	-	-	-	-	-	-	-
Nottely (GA)	-	-	-	3,900	-	-	-	-	-	-	-
Ocoee 1 (TN)	-	-	-	-16	-	-	-	-	-	-	-
Ocoee 2 (TN)	-	-	-	-30	-	-	-	-	-	-	-
Ocoee 3 (TN)	-	-	-	17,358	-	-	-	-	-	-	-
Paradise (KY)	737,279	4,126	-	-	-	-	309	6	-	2,038	5
Pickwick (TN)	-	-	-	135,003	-	-	-	-	-	-	-
Raccoon Mountain (TN)	-	-	-	-17,777	-	-	-	-	-	-	-
Sequoyah (TN)	-	-	-	-	826,973	-	-	-	-	-	-
Sevier, John (TN)	460,197	305	-	-	-	-	172	-	-	480	1
Shawnee (KY)	679,127	1,769	-	-	-	-	293	3	-	602	1
South Holston (TN)	-	-	-	23,946	-	-	-	-	-	-	-
Tims Ford (TN)	-	-	-	4,590	-	-	-	-	-	-	-
Watauga (TN)	-	-	-	18,105	-	-	-	-	-	-	-
Watts Bar (TN)	-168	-	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	75,850	-	-	-	-	-	-	-
Wheeler (AL)	-	-	-	118,448	-	-	-	-	-	-	-
Widows Creek (AL)	529,196	1,377	-	-	-	-	236	2	-	458	2
Wilbur (TN)	-	-	-	3,237	-	-	-	-	-	-	-
Wilson (AL)	-	-	-	227,538	-	-	-	-	-	-	-
Texas Municipal Power Agency ...	238,804	221	-	-	-	-	317	1	-	151	9
Gibbons Creek (TX)	238,804	221	-	-	-	-	317	1	-	151	9
Texas Utils Electric Co (TU)	3,217,740	8,047	2,822,250	-	174,846	-	2,784	22	29,589	1,359	2,115
Big Brown (TX)	632,099	-	7,941	-	-	-	526	-	135	274	-
Collin (TX)	-	-	22,997	-	-	-	-	-	248	-	51
Comanche Peak (TX)	-	-	-	-	174,846	-	-	-	-	-	-
Dallas (TX)	-	-	4,149	-	-	-	-	-	69	-	36
De Cordova (TX)	-	3	132,195	-	-	-	-	-	1,380	-	141
Eagle Mountain (TX)	-	-	44,698	-	-	-	-	-	546	-	59
Graham (TX)	-	-	113,444	-	-	-	-	-	1,045	-	42
Handley (TX)	-	-	119,599	-	-	-	-	-	1,458	-	257
Lake Creek (TX)	-	-	58,018	-	-	-	-	-	581	-	134
Lake Hubbard (TX)	-	-	305,598	-	-	-	-	-	3,221	-	199
Martin Lake (TX)	985,179	6,078	-	-	-	-	793	16	-	612	13
Monticello (TX)	1,190,437	1,526	-	-	-	-	1,101	5	-	474	29
Morgan Creek (TX)	-	255	265,716	-	-	-	-	1	3,055	-	205
Mountain Creek (TX)	-	-	109,408	-	-	-	-	-	1,285	-	115
North Lake (TX)	-	-	149,973	-	-	-	-	-	1,543	-	185

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Texas Utils Electric Co (TU)											
North Main (TX)	-	-	7,933	-	-	-	-	-	101	-	16
Parkdale (TX)	-	-	73,041	-	-	-	-	-	922	-	58
Permian Basin (TX)	-	-	101,951	-	-	-	-	-	1,091	-	160
River Crest (TX)	-	-	8,751	-	-	-	-	-	103	-	39
Sandow (TX)	410,025	185	-	-	-	-	363	1	-	-	-
Stryker Creek (TX)	-	-	301,160	-	-	-	-	-	2,995	-	69
Tradinghouse Creek (TX)	-	-	614,433	-	-	-	-	-	6,147	-	146
Trinidad (TX)	-	-	69,568	-	-	-	-	-	663	-	37
Valley (TX)	-	-	311,677	-	-	-	-	-	3,001	-	123
Texas-New Mexico Power Co	26,915	-	19,583	-	-	-	22	-	260	38	-
Lordsburg (NM)	-	-	-	-	-	-	-	-	-	-	-
TNP One (TX)	26,915	-	19,583	-	-	-	22	-	260	38	-
Thief River Falls Wtr & Lt Dept ..	-	-	-	-	-	-	-	-	-	-	1
Thief River Falls (MN)	-	-	-	-	-	-	-	-	-	-	1
Thumb Elec Coop Of Michigan	-	2	-	-	-	-	-	*	-	-	1
Caro (MI)	-	-	-	-	-	-	-	-	-	-	1
Ubyly (MI)	-	2	-	-	-	-	-	*	-	-	1
Toledo Edison Company	280,653	610	97	-	-	-	106	2	1	251	9
Acme (OH)	20,084	401	97	-	-	-	11	1	1	44	2
Bay Shore (OH)	260,569	209	-	-	-	-	96	*	-	207	2
Davis-Besse (OH)	-	-	-	-	-	-	-	-	-	-	-
Richland (OH)	-	-	-	-	-	-	-	-	-	-	3
Stryker (OH)	-	-	-	-	-	-	-	*	-	-	1
Traer Municipal Utilities	-	3	-	-	-	-	-	*	-	-	*
Traer (IA)	-	3	-	-	-	-	-	*	-	-	*
Traverse City Of	2,357	-	-	1,259	-	-	2	-	-	12	-
Bayside (MI)	2,357	-	-	-	-	-	2	-	-	12	-
Boardman (MI)	-	-	-	665	-	-	-	-	-	-	-
Brown Bridge (MI)	-	-	-	258	-	-	-	-	-	-	-
Elk Rapids (MI)	-	-	-	-	-	-	-	-	-	-	-
Sabin (MI)	-	-	-	336	-	-	-	-	-	-	-
Trenton Light & Power Plant	-	-	-	-	-	-	-	-	-	-	-
Trenton (NE)	-	-	-	-	-	-	-	-	-	-	-
Trenton Municipal Utilities	-	16	-	-	-	-	-	*	-	-	2
Trenton (MO)	-	2	-	-	-	-	-	*	-	-	*
Trenton PKG (MO)	-	14	-	-	-	-	-	*	-	-	1
Tri State Gen & Trans Assn, Inc. ..	-	147	-	-	-	-	-	*	-	-	16
Burlington (CO)	-	147	-	-	-	-	-	*	-	-	16
Trinidad Mun Pwr & Lt Dept	113	7	-	-	-	-	*	*	-	1	1
Trinidad (CO)	113	7	-	-	-	-	*	*	-	1	1
Truman Public Util Comm	-	-	-	-	-	-	-	-	-	-	*
Truman (MN)	-	-	-	-	-	-	-	-	-	-	*
Tucson Gas & Electric Company ..	64,953	-	819	-	-	-	32	-	17	138	17
De Moss Petrie (AZ)	-	-	333	-	-	-	-	-	6	-	3
Irvington (AZ)	64,953	-	319	-	-	-	32	-	7	138	7
North Loop (AZ)	-	-	167	-	-	-	-	-	4	-	7
Tulia Light & Power Plant	-	-	-	-	-	-	-	-	*	-	*
Tulia (TX)	-	-	-	-	-	-	-	-	*	-	*
Turlock Irrigation Dist	-	-	174	43,212	-	-	-	-	3	-	3
Hickman (CA)	-	-	-	483	-	-	-	-	-	-	-
Lagrange (CA)	-	-	-	94	-	-	-	-	-	-	-
New Don Pedro (CA)	-	-	-	40,290	-	-	-	-	-	-	-
Turlock Lake (CA)	-	-	-	1,003	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Turlock Irrigation Dist											
Uppr Dawson (CA)	-	-	-	1,342	-	-	-	-	-	-	-
Walnut (CA)	-	-	174	-	-	-	-	-	3	-	3
Two Harbors Wtr & Lt Dept	-	-	-	-	-	-	-	-	-	-	-
Two Harbors (MN)	-	-	-	-	-	-	-	-	-	-	-
Tyndall Lt & Wtr Plant	-	-	-	-	-	-	-	-	-	-	-
Tyndall (SD)	-	-	-	-	-	-	-	-	-	-	-
Ugl Corporation	30,939	1	-	-	-	-	23	*	-	16	*
Hunlock Creek (PA)	30,939	1	-	-	-	-	23	*	-	16	*
Unalakleet Village Elec Assoc	-	259	-	-	-	-	-	*	-	-	2
Unalakleet (AK)	-	-	-	-	-	-	-	-	-	-	-
Unalakleet (AK)	-	259	-	-	-	-	-	*	-	-	2
Union City Village Of	-	-	-	214	-	-	-	-	-	-	-
Riley (MI)	-	-	-	214	-	-	-	-	-	-	-
Union City (MI)	-	-	-	-	-	-	-	-	-	-	-
Union Electric Company	1,582,400	4,951	-556	221,371	783,893	-	758	9	8	2,962	92
Callaway (MO)	-	-	-	-	783,893	-	-	-	-	-	-
Canton (MO)	-	-5	-	-	-	-	-	-	-	-	-
Howard Bend (MO)	-	-10	-	-	-	-	-	-	-	-	3
Jefferson City (MO)	-	-28	-	-	-	-	-	-	-	-	4
Keokuk (IA)	-	-	-	87,536	-	-	-	-	-	-	-
Kirkville (MO)	-	-	-1	-	-	-	-	-	-	-	-
Labadie (MO)	739,314	4,919	-	-	-	-	335	9	-	1,449	20
Meramec (MO)	33,240	-10	308	-	-	-	19	*	4	238	7
Mexico (MO)	-	-16	-	-	-	-	-	*	-	-	5
Moberly (MO)	-	-	-	-	-	-	-	-	-	-	-
Moberly (MO)	-	-16	-	-	-	-	-	*	-	-	6
Montgomery (MO)	-	-	-	-	-	-	-	*	-	-	-
Moreau (MO)	-	-18	-	-	-	-	-	*	-	-	5
Osage (MO)	-	-	-	136,752	-	-	-	-	-	-	-
Portable (MO)	-	-	-	-	-	-	-	-	-	-	-
Rush Island (MO)	530,614	72	-	-	-	-	274	*	-	542	3
Sioux (MO)	279,232	122	-	-	-	-	130	*	-	733	1
Taum Sauk (MO)	-	-	-	-2,917	-	-	-	-	-	-	-
Venice No. 2 (IL)	-	-59	-842	-	-	-	-	*	4	-	38
Viaduct (MO)	-	-	-21	-	-	-	-	-	-	-	-
Unionville City Of	-	1	-	-	-	-	-	*	-	-	1
Unionville (MO)	-	1	-	-	-	-	-	*	-	-	1
United Illuminating Company,											
The	218,778	268,196	-	-	-	-	88	387	-	178	636
Bridgeport Harbor (CT)	218,778	141,944	-	-	-	-	88	191	-	178	253
English (CT)	-	4,346	-	-	-	-	-	11	-	-	4
New Haven Harbor (CT)	-	121,906	-	-	-	-	-	185	-	-	379
Steel Point (CT)	-	-	-	-	-	-	-	-	-	-	-
United Power Association	114,294	381	454	-	-	15,872	94	1	7	265	5
Cambridge (MN)	-	17	-	-	-	-	-	*	-	-	1
Elk River (MN)	-	216	454	-	-	15,872	-	1	7	-	1
Maple Lake (MN)	-	-	-	-	-	-	-	-	-	-	1
Rock Lake (MN)	-	-	-	-	-	-	-	-	-	-	2
Stanton (ND)	114,294	148	-	-	-	-	94	*	-	265	1
Upper Peninsula Power Co	17,546	197	-	12,887	-	-	10	1	-	27	9
AuTrain (MI)	-	-	-	316	-	-	-	-	-	-	-
Cataract (MI)	-	-	-	593	-	-	-	-	-	-	-
Escanaba (MI)	8,114	-	-	-	-	-	5	-	-	17	-
Gladstone (MI)	-	208	-	-	-	-	-	1	-	-	2
Hoist (MI)	-	-	-	1,345	-	-	-	-	-	-	-
McClure (MI)	-	-	-	4,420	-	-	-	-	-	-	-
Portage (MI)	-	-11	-	-	-	-	-	-	-	-	7

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Upper Peninsula Power Co											
Prickett (MI)	-	-	-	866	-	-	-	-	-	-	-
Victoria (MI)	-	-	-	5,347	-	-	-	-	-	-	-
Warden, John H (MI)	9,432	-	-	-	-	-	5	-	-	9	-
Usbia Flathead Project	-	-	-	144	-	-	-	-	-	-	-
Hellroaring (MT)	-	-	-	144	-	-	-	-	-	-	-
Usbia Wapato Irrigation Project ..	-	-	-	1,829	-	-	-	-	-	-	-
Drop 2 (WA)	-	-	-	1,434	-	-	-	-	-	-	-
Drop 3 (WA)	-	-	-	395	-	-	-	-	-	-	-
Usbr Rio Grande-Falcon Project ..	-	-	-	45,054	-	-	-	-	-	-	-
Amistad (TX)	-	-	-	29,425	-	-	-	-	-	-	-
Falcon (TX)	-	-	-	15,629	-	-	-	-	-	-	-
USBIA San Carlos Proj	-	-	-	-	-	-	-	-	-	-	-
Coolidge (AZ)	-	-	-	-	-	-	-	-	-	-	-
USBR - Lower Colorado Reg	-	-	-	620,837	-	-	-	-	-	-	-
Davis (AZ)	-	-	-	117,946	-	-	-	-	-	-	-
Hoover (NV)	-	-	-	191,858	-	-	-	-	-	-	-
Hoover Dam (AZ)	-	-	-	259,417	-	-	-	-	-	-	-
Parker (CA)	-	-	-	51,616	-	-	-	-	-	-	-
USBR - Lower Missouri Reg	-	-	-	158,256	-	-	-	-	-	-	-
Alcova (WY)	-	-	-	6,652	-	-	-	-	-	-	-
Big Thompson (CO)	-	-	-	1,308	-	-	-	-	-	-	-
Boysen (WY)	-	-	-	5,055	-	-	-	-	-	-	-
Canyon Ferry (MT)	-	-	-	17,262	-	-	-	-	-	-	-
Estes (CO)	-	-	-	4,205	-	-	-	-	-	-	-
Flatiron (CO)	-	-	-	14,155	-	-	-	-	-	-	-
Fremont Canyon (WY)	-	-	-	15,538	-	-	-	-	-	-	-
Glendo (WY)	-	-	-	-87	-	-	-	-	-	-	-
Green Mountain (CO)	-	-	-	615	-	-	-	-	-	-	-
Guernsey (WY)	-	-	-	-48	-	-	-	-	-	-	-
Heart Mtn (WY)	-	-	-	4,039	-	-	-	-	-	-	-
Kortes (WY)	-	-	-	13,285	-	-	-	-	-	-	-
Marys Lake (CO)	-	-	-	1,696	-	-	-	-	-	-	-
Mount Elbert (CO)	-	-	-	7,685	-	-	-	-	-	-	-
Pilot Butte (WY)	-	-	-	-	-	-	-	-	-	-	-
Pole Hill (CO)	-	-	-	10,559	-	-	-	-	-	-	-
Seminole (WY)	-	-	-	10,674	-	-	-	-	-	-	-
Yellowtail (MT)	-	-	-	45,663	-	-	-	-	-	-	-
USBR - Mid Pacific Region	-	-	-	298,385	-	-	-	-	-	-	-
Folsom (CA)	-	-	-	13,800	-	-	-	-	-	-	-
Jdgc F Carr (CA)	-	-	-	12,584	-	-	-	-	-	-	-
Keswick (CA)	-	-	-	39,227	-	-	-	-	-	-	-
Lewiston (CA)	-	-	-	317	-	-	-	-	-	-	-
New Melones (CA)	-	-	-	35,278	-	-	-	-	-	-	-
Nimbus (CA)	-	-	-	1,710	-	-	-	-	-	-	-
Oneill (CA)	-	-	-	284	-	-	-	-	-	-	-
Shasta (CA)	-	-	-	155,886	-	-	-	-	-	-	-
Spring Creek (CA)	-	-	-	17,977	-	-	-	-	-	-	-
Stampede (CA)	-	-	-	2,202	-	-	-	-	-	-	-
Trinity (CA)	-	-	-	19,120	-	-	-	-	-	-	-
USBR - Pacific NW Region	-	-	-	2,253,390	-	-	-	-	-	-	-
Anderson Ranch (ID)	-	-	-	12,233	-	-	-	-	-	-	-
Black Canyon (ID)	-	-	-	6,203	-	-	-	-	-	-	-
Boise River Div (ID)	-	-	-	-	-	-	-	-	-	-	-
Chandler (WA)	-	-	-	4,136	-	-	-	-	-	-	-
Grand Coulee (WA)	-	-	-	2,071,851	-	-	-	-	-	-	-
Green Springs (OR)	-	-	-	6,008	-	-	-	-	-	-	-
Hungry Horse (MT)	-	-	-	41,849	-	-	-	-	-	-	-
Minidoka (ID)	-	-	-	9,501	-	-	-	-	-	-	-
Palisades (ID)	-	-	-	92,678	-	-	-	-	-	-	-
Roza (WA)	-	-	-	8,931	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
USBR - Upper Colorado Reg	-	-	-	365,214	-	-	-	-	-	-	-
Blue Mesa (CO)	-	-	-	7,088	-	-	-	-	-	-	-
Crystal (CO)	-	-	-	1,410	-	-	-	-	-	-	-
Deer Creek (UT)	-	-	-	2,476	-	-	-	-	-	-	-
Elephant Butte (NM)	-	-	-	14,289	-	-	-	-	-	-	-
Flaming Gorge (UT)	-	-	-	19,721	-	-	-	-	-	-	-
Fontenelle (WY)	-	-	-	4,401	-	-	-	-	-	-	-
Glen Canyon (AZ)	-	-	-	287,194	-	-	-	-	-	-	-
Lower Molina (CO)	-	-	-	1,825	-	-	-	-	-	-	-
Morrow Point (CO)	-	-	-	23,250	-	-	-	-	-	-	-
Upper Molina (CO)	-	-	-	3,560	-	-	-	-	-	-	-
USCE - Blakely Mtn	-	-	-	97,306	-	-	-	-	-	-	-
Blakely Mountain (AR)	-	-	-	51,401	-	-	-	-	-	-	-
Degray (AR)	-	-	-	31,344	-	-	-	-	-	-	-
Narrows (AR)	-	-	-	14,561	-	-	-	-	-	-	-
USCE - Fort Worth District	-	-	-	52,904	-	-	-	-	-	-	-
R. D. Willis (TX)	-	-	-	2,366	-	-	-	-	-	-	-
Rayburn, Sam (TX)	-	-	-	28,274	-	-	-	-	-	-	-
Whitney (TX)	-	-	-	22,264	-	-	-	-	-	-	-
USCE - Hartwell & Clarkhill	-	-	-	198,332	-	-	-	-	-	-	-
Clark Hill (SC)	-	-	-	83,666	-	-	-	-	-	-	-
Hartwell Lake (GA)	-	-	-	59,302	-	-	-	-	-	-	-
R B Russell Proj (GA)	-	-	-	55,364	-	-	-	-	-	-	-
USCE - Kansas City Dist	-	-	-	66,637	-	6	-	-	-	-	-
Harry Truman (MO)	-	-	-	53,408	-	-	-	-	-	-	-
Stockton (MO)	-	-	-	13,229	-	-	-	-	-	-	-
Wilson (KS)	-	-	-	-	-	6	-	-	-	-	-
USCE - Little Rock	-	-	-	368,761	-	-	-	-	-	-	-
Beaver (AR)	-	-	-	41,343	-	-	-	-	-	-	-
Bull Shoals (AR)	-	-	-	70,013	-	-	-	-	-	-	-
Dardanelle (AR)	-	-	-	48,095	-	-	-	-	-	-	-
Greers Ferry Lake (AR)	-	-	-	16,421	-	-	-	-	-	-	-
Norfolk (AR)	-	-	-	14,123	-	-	-	-	-	-	-
Ozark (AR)	-	-	-	12,754	-	-	-	-	-	-	-
Table Rock (MO)	-	-	-	166,012	-	-	-	-	-	-	-
USCE - Mobile District	-	-	-	212,705	-	-	-	-	-	-	-
Allatoona (GA)	-	-	-	17,603	-	-	-	-	-	-	-
Buford (GA)	-	-	-	17,984	-	-	-	-	-	-	-
Carters (GA)	-	-	-	25,087	-	-	-	-	-	-	-
George, Walter F (GA)	-	-	-	33,157	-	-	-	-	-	-	-
Jones Bluff (AL)	-	-	-	32,205	-	-	-	-	-	-	-
Millers Ferry (AL)	-	-	-	46,319	-	-	-	-	-	-	-
West Point (GA)	-	-	-	17,690	-	-	-	-	-	-	-
Woodruff, J (FL)	-	-	-	22,660	-	-	-	-	-	-	-
USCE - Nashville	-	-	-	278,860	-	-	-	-	-	-	-
Barkley (KY)	-	-	-	70,179	-	-	-	-	-	-	-
Center Hill (TN)	-	-	-	26,884	-	-	-	-	-	-	-
Cheatham (TN)	-	-	-	17,554	-	-	-	-	-	-	-
Cordell Hull (TN)	-	-	-	33,996	-	-	-	-	-	-	-
Dale Hollow (TN)	-	-	-	7,263	-	-	-	-	-	-	-
Laurel (KY)	-	-	-	4,040	-	-	-	-	-	-	-
Old Hickory (TN)	-	-	-	44,014	-	-	-	-	-	-	-
Priest, J P (TN)	-	-	-	291	-	-	-	-	-	-	-
Wolf Creek (KY)	-	-	-	74,639	-	-	-	-	-	-	-
USCE - North Pacific Div	-	-	-	6,084,960	-	-	-	-	-	-	-
Albeni Falls (ID)	-	-	-	16,700	-	-	-	-	-	-	-
Big Cliff (OR)	-	-	-	9,222	-	-	-	-	-	-	-
Bonneville (OR)	-	-	-	428,170	-	-	-	-	-	-	-
Chief Joseph (WA)	-	-	-	1,182,523	-	-	-	-	-	-	-
Cougar (OR)	-	-	-	14,242	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
USCE - North Pacific Div											
Dalles (WA)	-	-	-	867,004	-	-	-	-	-	-	-
Day, John (OR)	-	-	-	1,116,675	-	-	-	-	-	-	-
Detroit (OR)	-	-	-	38,643	-	-	-	-	-	-	-
Dexter (OR)	-	-	-	6,067	-	-	-	-	-	-	-
Dworshak (ID)	-	-	-	223,944	-	-	-	-	-	-	-
Foster (OR)	-	-	-	9,564	-	-	-	-	-	-	-
Green Peter (OR)	-	-	-	19,137	-	-	-	-	-	-	-
Hills Creek (OR)	-	-	-	14,947	-	-	-	-	-	-	-
Ice Harbor (WA)	-	-	-	286,876	-	-	-	-	-	-	-
Libby (MT)	-	-	-	52,186	-	-	-	-	-	-	-
Little Goose (WA)	-	-	-	360,033	-	-	-	-	-	-	-
Lookout Point (OR)	-	-	-	31,886	-	-	-	-	-	-	-
Lost Creek (OR)	-	-	-	30,520	-	-	-	-	-	-	-
Lower Granite (WA)	-	-	-	356,489	-	-	-	-	-	-	-
Lower Monumental (WA)	-	-	-	249,675	-	-	-	-	-	-	-
McNary (OR)	-	-	-	770,457	-	-	-	-	-	-	-
USCE - Omaha District				717,853							
Big Bend (SD)	-	-	-	79,575	-	-	-	-	-	-	-
Fort Peck (MT)	-	-	-	67,582	-	-	-	-	-	-	-
Fort Randall (SD)	-	-	-	145,006	-	-	-	-	-	-	-
Garrison (ND)	-	-	-	163,848	-	-	-	-	-	-	-
Gavins Point (NE)	-	-	-	63,749	-	-	-	-	-	-	-
Oahe (SD)	-	-	-	198,093	-	-	-	-	-	-	-
USCE - St Louis Dist				21,982							
Clarence Canyon (MO)	-	-	-	21,982	-	-	-	-	-	-	-
USCE - St Marys Falls				12,303							
Saint Marys Falls (MI)	-	-	-	12,303	-	-	-	-	-	-	-
USCE - Tulsa District				384,469							
Broken Bow (OK)	-	-	-	44,080	-	-	-	-	-	-	-
Denison (TX)	-	-	-	59,520	-	-	-	-	-	-	-
Eufaula (OK)	-	-	-	68,472	-	-	-	-	-	-	-
Fort Gibson (OK)	-	-	-	32,410	-	-	-	-	-	-	-
Kerr, Robert S (OK)	-	-	-	73,422	-	-	-	-	-	-	-
Keystone (OK)	-	-	-	40,459	-	-	-	-	-	-	-
Tenkiller Ferry (OK)	-	-	-	29,848	-	-	-	-	-	-	-
Webbers Falls (OK)	-	-	-	36,258	-	-	-	-	-	-	-
USCE - Wilmington				59,208							
Kerr, John H (VA)	-	-	-	55,701	-	-	-	-	-	-	-
Philpott Lake (VA)	-	-	-	3,507	-	-	-	-	-	-	-
Valley City Municipal Utilities											
Valley City (ND)	-	-	-	-	-	-	-	-	-	-	-
Vandalia Municipal Utilities											1
Vandalia (MO)	-	-	-	-	-	-	-	-	-	-	1
Vermillion City Of											
Vermillion (SD)	-	-	-	-	-	-	-	-	-	-	-
Vermont Electric Cooperative				937							
N Hartland (VT)	-	-	-	937	-	-	-	-	-	-	-
Vermont Marble Company				11,114							
Beldens (VT)	-	-	-	3,388	-	-	-	-	-	-	-
Center Rutland (VT)	-	-	-	153	-	-	-	-	-	-	-
Huntington Falls (VT)	-	-	-	3,558	-	-	-	-	-	-	-
Proctor (VT)	-	-	-	4,015	-	-	-	-	-	-	-
Vermont Yankee Nuclear Power											
Co	-	-	-	-	379,406	-	-	-	-	-	-
Vt. Yankee (VT)	-	-	-	-	379,406	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant,
May 1990 (Continued)**

Company (Holding Company) Plant (State)	Generation (megawatthours)						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)
Vero Beach Mun Pwr System	-	32	18,706	-	-	-	-	*	248	-	25
Municipal Plant (FL)	-	32	18,706	-	-	-	-	*	248	-	25
Villisca Mun Pwr Plant	-	-	-	-	-	-	-	-	-	-	*
Villisca (IA)	-	-	-	-	-	-	-	-	-	-	*
Vineland Electric Utility	764	1,863	-	-	-	-	-	8	-	13	33
Down, Howard (NJ)	764	1,841	-	-	-	-	-	7	-	13	25
West (NJ)	-	22	-	-	-	-	-	*	-	-	8
Vinton Municipal Lt Plant	-	12	44	-	-	-	-	*	1	-	*
Vinton (IA)	-	12	44	-	-	-	-	*	1	-	*
Viola Municipal Elec Utility	-	-	-	-	-	-	-	-	-	-	-
Viola (WI)	-	-	-	-	-	-	-	-	-	-	-
Virginia Electric & Power Co	1,392,391	35,341	2,054	-46,856	2,207,614	3	543	34	25	2,043	3,509
* Central Storage	-	-	-	-	-	-	-	-	-	-	1,897
Bath County (VA)	-	-	-	-135,634	-	-	-	-	-	-	-
Bremo Bluff (VA)	-	-	-	-	-	-	-	*	-	140	4
Chesterfield (VA)	530,652	24,185	-	-	-	-	203	14	-	591	108
Cushaw (VA)	-	-	-	2,480	-	-	-	-	-	-	-
Darbytown (VA)	-	2,279	-	-	-	-	-	5	-	-	85
Gaston (NC)	-	-	-	41,593	-	-	-	-	-	-	-
Gravel Neck (VA)	-	1,745	2,048	-	-	-	-	5	25	-	134
Kitty Hawk (NC)	-	24	-	-	-	-	-	*	-	-	28
Low Moor (VA)	-	33	-	-	-	-	-	*	-	-	33
Mt Storm (WV)	659,140	1,932	-	-	-	-	260	3	-	678	45
North Anna (VA)	-	-	-	121	1,348,114	3	-	-	-	-	-
Northern Neck (VA)	-	15	-	-	-	-	-	*	-	-	34
Portsmouth (VA)	111,826	2,520	6	-	-	-	44	3	-	281	28
Possum Point (VA)	79,224	2,046	-	-	-	-	32	3	-	169	929
Roanoke Rapids (NC)	-	-	-	44,584	-	-	-	-	-	-	-
Surry (VA)	-	-	-	-	859,500	-	-	-	-	-	-
Yorktown (VA)	11,549	562	-	-	-	-	5	1	-	184	184
Virginia Pub Utils Comm	4,560	-	198	-	-	-	4	-	2	-	-
Virginia (MN)	4,560	-	198	-	-	-	4	-	2	-	-
Wahoo Municipal Light Plant	-	4	40	-	-	-	-	*	1	-	*
Wahoo (NE)	-	4	40	-	-	-	-	*	1	-	*
Wallingford City Of	-	-	-	-	-	-	-	-	-	-	8
Pierce (CT)	-	-	-	-	-	-	-	-	-	-	8
Wamego City Of	-	2	9	-	-	-	-	*	*	-	1
Wamego (KS)	-	2	9	-	-	-	-	*	*	-	1
Warren City Of	-	-	-	-	-	-	-	-	-	-	-
Warren (MN)	-	-	-	-	-	-	-	-	-	-	-
Washington City Of	-	14	14	-	-	-	-	*	*	-	*
Washington (KS)	-	14	14	-	-	-	-	*	*	-	*
Washington Electric Cooperative	-	-	-	368	-	-	-	-	-	-	-
Wrightsville (VT)	-	-	-	368	-	-	-	-	-	-	-
Washington Island Elec Coop	-	6	-	-	-	-	-	*	-	-	1
Washington Island (WI)	-	6	-	-	-	-	-	*	-	-	1
Washington Public Power Supply Sys	-	-	-	11,656	-5,060	-	-	-	-	-	-
Hanford (WA)	-	-	-	-	-	-	-	-	-	-	-
Packwood (WA)	-	-	-	11,656	-	-	-	-	-	-	-
WNP-2 (WA)	-	-	-	-	-5,060	-	-	-	-	-	-
Washington Wtr Pwr Co, The	-	-	465	564,839	-	9,556	-	-	5	-	-
Cabinet Gorge (ID)	-	-	-	160,682	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Washington Wtr Pwr Co, The											
Kettle Fls (WA)	-	-	465	-	-	9,556	-	-	5	-	-
Little Falls (WA)	-	-	-	24,008	-	-	-	-	-	-	-
Long Lake (WA)	-	-	-	48,871	-	-	-	-	-	-	-
Meyers Falls (WA)	-	-	-	903	-	-	-	-	-	-	-
Monroe Street (WA)	-	-	-	3,798	-	-	-	-	-	-	-
Nine Mile (WA)	-	-	-	11,158	-	-	-	-	-	-	-
Northeast (WA)	-	-	-	-	-	-	-	-	-	-	-
Noxon Rapids (MT)	-	-	-	298,187	-	-	-	-	-	-	-
Post Falls (ID)	-	-	-	10,522	-	-	-	-	-	-	-
Upper Falls (WA)	-	-	-	6,710	-	-	-	-	-	-	-
Waterloo City Light & Power	-	3	3	-	-	-	-	*	*	-	*
Waterloo (IL)	-	3	3	-	-	-	-	*	*	-	*
Watertown City Of	-	-	-	2,742	-	-	-	-	-	-	-
Watertown (NY)	-	-	-	2,742	-	-	-	-	-	-	-
Wauchula City Of	-	-	-	-	-	-	-	-	-	-	2
Wauchula (FL)	-	-	-	-	-	-	-	-	-	-	2
Waverly City Of	-	-	-	273	-	-	-	-	-	-	1
East Hydro (IA)	-	-	-	273	-	-	-	-	-	-	-
East Plant (IA)	-	-	-	-	-	-	-	-	-	-	*
North Plant (IA)	-	-	-	-	-	-	-	-	-	-	1
Wayne City Of	-	26	-	-	-	-	-	*	-	-	*
Wayne (NE)	-	26	-	-	-	-	-	*	-	-	*
Weatherford City Of	-	-	-	-	-	-	-	-	-	-	-
Weatherford (TX)	-	-	-	-	-	-	-	-	-	-	-
Weber Basin Water Conservancy											
Dist	-	-	-	2,433	-	-	-	-	-	-	-
Gateway (UT)	-	-	-	1,221	-	-	-	-	-	-	-
Wanship (UT)	-	-	-	1,212	-	-	-	-	-	-	-
Webster City Mun Lt & Pwr	-	-	-	-	-	-	-	-	-	-	-
Webster City (IA)	-	-	-	-	-	-	-	-	-	-	-
Wellington City Of	-	-	340	-	-	-	-	-	5	-	3
Wellington (KS)	-	-	340	-	-	-	-	-	5	-	3
Wells Electric Association	-	-	-	-	-	-	-	-	-	-	*
Wells (MN)	-	-	-	-	-	-	-	-	-	-	*
Welsh City Of	-	-	-	-	-	-	-	-	-	-	-
Welsh (LA)	-	-	-	-	-	-	-	-	-	-	-
West Bend Mun Power Plant	-	-	-	-	-	-	-	-	-	-	*
West Bend (IA)	-	-	-	-	-	-	-	-	-	-	*
West Liberty Municipal Elec Util ..	-	7	1	-	-	-	-	*	*	-	*
West Liberty (IA)	-	7	1	-	-	-	-	*	*	-	*
West Penn Power Co (APS)	879,182	764	384	16,907	-	-	370	1	3	846	73
Armstrong (PA)	184,998	222	-	-	-	-	75	*	-	169	*
Hatfields Ferry (PA)	571,125	542	-	-	-	-	247	1	-	597	4
Lake Lynn (WV)	-	-	-	16,907	-	-	-	-	-	-	-
Mitchell (PA)	123,059	-	384	-	-	-	48	-	3	80	68
Springdale (PA)	-	-	-	-	-	-	-	-	-	-	-
West Point Light & Water Works	-	7	-	-	-	-	-	*	-	-	*
West Point (NE)	-	7	-	-	-	-	-	*	-	-	*
West Texas Utilities Co (CSW)	405,114	139	337,749	-	-	-	252	*	3,545	366	279
* Central Storage *	-	-	-	-	-	-	-	-	-	-	2
Abilene (TX)	-	-	-35	-	-	-	-	-	-	-	4

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (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 Texas Utilities Co (CSW)											
Concho (TX)	-	-	-30	-	-	-	-	-	-	-	7
Fort Phantom (TX)	-	-	175,629	-	-	-	-	-	1,761	-	102
Ft Stockton (TX)	-	-	-	-	-	-	-	-	-	-	-
Lake Pauline (TX)	-	-	-149	-	-	-	-	-	3	-	12
Oak Creek (TX)	-	-	38,058	-	-	-	-	-	352	-	30
Oklaunlon (TX)	405,114	79	-	-	-	-	252	-	-	366	8
Paint Creek (TX)	-	-	25,644	-	-	-	-	-	287	-	71
Presidio (TX)	-	60	-	-	-	-	-	-	-	-	1
Rio Pecos (TX)	-	-	67,619	-	-	-	-	-	877	-	19
San Angelo (TX)	-	-	31,021	-	-	-	-	-	265	-	23
Vernon (TX)	-	-	-8	-	-	-	-	-	-	-	1
Westbrook Mun Lt & Pwr Plant ...	-	-	-	-	-	-	-	-	-	-	-
Westbrook (MN)	-	-	-	-	-	-	-	-	-	-	-
Western Farmers Elec Coop	140,740	230	94,043	-	-	-	91	1	804	252	9
Anadarko (OK)	-	-	84,072	-	-	-	-	-	705	-	5
Cherokee (OK)	-	-	-	-	-	-	-	-	-	-	-
Hugo (OK)	140,740	230	-	-	-	-	91	1	-	252	3
Mooreland (OK)	-	-	9,971	-	-	-	-	-	99	-	-
Woodward (OK)	-	-	-	-	-	-	-	-	-	-	-
Western Illinois Pwr Coop, Inc ...	14,276	32	-	-	-	-	9	*	-	19	3
Pearl Station (IL)	14,276	56	-	-	-	-	9	*	-	19	2
Pittsfield (IL)	-	-20	-	-	-	-	-	-	-	-	-
Winchester (IL)	-	-4	-	-	-	-	-	-	-	-	-
Western Mass Electric Co (NU) ...	-	14,802	27,184	17,977	-	-	-	26	289	-	150
Cabot (MA)	-	-	-	35,405	-	-	-	-	-	-	-
Cobble Mountain (MA)	-	-	-	3,816	-	-	-	-	-	-	-
Doreen (MA)	-	86	-	-	-	-	-	-	-	-	1
Dwight (MA)	-	-	-	865	-	-	-	-	-	-	-
Gardners Falls (MA)	-	-	-	2,264	-	-	-	-	-	-	-
Indian Orchard (MA)	-	-	-	2,039	-	-	-	-	-	-	-
Northfield Mountain (MA)	-	-	-	-35,392	-	-	-	-	-	-	-
Putts Bridge (MA)	-	-	-	2,742	-	-	-	-	-	-	-
Red Bridge (MA)	-	-	-	2,912	-	-	-	-	-	-	-
Silver Lake (MA)	-	-45	-	-	-	-	-	-	-	-	8
Turners Falls (MA)	-	-	-	3,326	-	-	-	-	-	-	-
West Springfield (MA)	-	14,675	27,184	-	-	-	-	26	289	-	140
Woodland Road (MA)	-	86	-	-	-	-	-	-	-	-	1
Whittemore Mun Lt & Pwr Co	-	-	-	-	-	-	-	-	-	-	-
Whittemore (IA)	-	-	-	-	-	-	-	-	-	-	-
Wilber City Of	-	-	-	-	-	-	-	-	-	-	-
Wilber (NE)	-	-	-	-	-	-	-	-	-	-	-
Willmar Municipal Util Comm	3,511	-	-	-	-	-	3	-	-	2	-
Willmar (MN)	3,511	-	-	-	-	-	3	-	-	2	-
Wilton Mun Lt & Pwr System	-	-	-	-	-	-	-	-	-	-	-
Wilton Junction (IA)	-	-	-	-	-	-	-	-	-	-	-
Windom Municipal Utilities	-	-	-	-	-	-	-	-	-	-	-
Windom (MN)	-	-	-	-	-	-	-	-	-	-	-
Winfield Mun Light & Power Plt ...	-	-	1,602	-	-	-	-	-	19	-	9
Winfield (KC)	-	-	37	-	-	-	-	-	1	-	9
Winfield (KS)	-	-	1,565	-	-	-	-	-	18	-	-
Winnetka, Village Of	-	16	1,462	-	-	-	-	*	25	*	2
Winnetka (IL)	-	16	1,462	-	-	-	-	*	25	*	2
Winterset City Of	-	-	-	-	-	-	-	-	-	-	2
Winterset (IA)	-	-	-	-	-	-	-	-	-	-	2

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						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)
Wisconsin Electric Power Co	1,189,792	1,790	12,597	38,833	506,932	-	682	4	142	2,034	49
Central Storage	-	-	-	-	-	-	-	-	-	-	10
Appleton (WI)	-	-	-	951	-	-	-	-	-	-	-
Big Quinnesec 61 (MI)	-	-	-	-	-	-	-	-	-	-	-
Big Quinnesec 92 (MI)	-	-	-	10,582	-	-	-	-	-	-	-
Brule (MI)	-	-	-	1,034	-	-	-	-	-	-	-
Chalk Hill (MI)	-	-	-	2,812	-	-	-	-	-	-	-
Germantown (WI)	-	276	-	-	-	-	-	1	-	-	11
Hemlock Falls (MI)	-	-	-	843	-	-	-	-	-	-	-
Kingsford (MI)	-	-	-	2,954	-	-	-	-	-	-	-
Lower Paint (MI)	-	-	-	57	-	-	-	-	-	-	-
Michigamme Falls (MI)	-	-	-	2,487	-	-	-	-	-	-	-
Oconto Falls (WI)	-	-	-	725	-	-	-	-	-	-	-
Peavy Falls (MI)	-	-	-	6,224	-	-	-	-	-	-	-
Pine (WI)	-	-	-	2,306	-	-	-	-	-	-	-
Pleasant Prairie (WI)	632,762	99	2,834	-	-	-	417	-	31	999	8
Point Beach (WI)	-	-28	-	-	506,932	-	-	-	-	-	3
Port Washington (WI)	6,515	-26	-	-	-	-	5	-	-	53	3
Presque Isle (MI)	208,814	405	-	-	-	-	116	1	-	536	3
South Oak Creek (WI)	294,459	1,059	9,262	-	-	-	116	2	103	392	11
Sturgeon (MI)	-	-	-	437	-	-	-	-	-	-	-
Twin Falls (MI)	-	-	-	2,689	-	-	-	-	-	-	-
Valley (WI)	47,242	5	501	-	-	-	28	-	8	54	-
Way (MI)	-	-	-	508	-	-	-	-	-	-	-
Weyauwega (WI)	-	-	-	48	-	-	-	-	-	-	-
White Rapids (MI)	-	-	-	4,176	-	-	-	-	-	-	-
Wisconsin Power & Light Co	873,052	1,443	127	24,709	-	-	500	3	3	918	19
Blackhawk (WI)	-	-	-	305	-	-	-	-	-	-	-
Columbia (WI)	486,783	536	-	-	-	-	304	1	-	445	4
Dewey, Nelson (WI)	75,238	226	-	-	-	-	37	-	-	154	-
Edgewater (WI)	273,396	575	-	-	-	-	140	1	-	290	2
Janesville (WI)	-	-	-	245	-	-	-	-	-	-	-
Kilbourn (WI)	-	-	-	6,450	-	-	-	-	-	-	-
Portable (WI)	-	-	-	-	-	-	-	-	-	-	-
Prairie Du Sac (WI)	-	-	-	17,277	-	-	-	-	-	-	-
Rock River (WI)	37,629	106	127	-	-	-	19	-	3	29	9
Shawano (WI)	-	-	-	432	-	-	-	-	-	-	-
Sheepskin (WI)	-	-	-	-	-	-	-	-	-	-	4
Wisconsin Public Service Corp	204,303	268	3,791	29,605	382,402	6	106	1	51	383	32
Alexander (WI)	-	-	-	2,341	-	-	-	-	-	-	-
Caldron Falls (WI)	-	-	-	2,168	-	-	-	-	-	-	-
Eagle River (WI)	-	8	-	-	-	-	-	-	-	-	1
Grand Rapids (MI)	-	-	-	3,251	-	-	-	-	-	-	-
Grandfather Falls (WI)	-	-	-	9,211	-	-	-	-	-	-	-
Hat Rapids (WI)	-	-	-	564	-	-	-	-	-	-	-
High Falls (WI)	-	-	-	2,274	-	-	-	-	-	-	-
Jersey (WI)	-	-	-	154	-	-	-	-	-	-	-
Johnson Falls (WI)	-	-	-	1,472	-	-	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	-	6	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	382,402	-	-	-	-	-	-
Merrill (WI)	-	-	-	1,081	-	-	-	-	-	-	-
Otter Rapids (WI)	-	-	-	135	-	-	-	-	-	-	-
Peshtigo (WI)	-	-	-	365	-	-	-	-	-	-	-
Potato Rapids (WI)	-	-	-	666	-	-	-	-	-	-	-
Pulliam (WI)	118,332	-	2,043	-	-	-	60	-	26	193	1
Sandstone Rapids (WI)	-	-	-	1,429	-	-	-	-	-	-	-
Tomahawk (WI)	-	-	-	1,020	-	-	-	-	-	-	-
Wausau (WI)	-	-	-	3,474	-	-	-	-	-	-	-
West Marinette (WI)	-	-	25	-	-	-	-	-	1	-	12
Weston (WI)	85,971	260	1,723	-	-	-	46	1	24	190	19
Wisconsin River Power Company	-	-	-	23,131	-	-	-	-	-	-	-
Castle Rock (WI)	-	-	-	11,122	-	-	-	-	-	-	-
Petenwell (WI)	-	-	-	12,009	-	-	-	-	-	-	-
Wisner Elec Lt & Wtr Dept	-	-	-	-	-	-	-	-	-	-	-
Wisner (NE)	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Net Generation, Fuel Consumption, and Fuel Stocks, by Company and Plant, May 1990 (Continued)

Company (Holding Company) Plant (State)	Generation (megawatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Wolf Creek Nuclear Corporation	-	-	-	-	316,614	-	-	-	-	-	-
Wolf Creek (KS)	-	-	-	-	316,614	-	-	-	-	-	-
Wolverine Electric Coop, Inc	14,870	339	3,665	712	-	-	8	1	39	36	12
Advance (MI)	14,870	216	-	-	-	-	8	-	-	36	-
Beaver Island (MI)	-	-1	-	-	-	-	-	-	-	-	2
Johnson, George (MI)	-	15	206	-	-	-	-	-	3	-	2
Kleber (MI)	-	-	-	504	-	-	-	-	-	-	-
Scottville (MI)	-	-	-	-	-	-	-	-	-	-	-
Tower (MI)	-	13	-	-	-	-	-	-	-	-	4
Tower Hydro (MI)	-	-	-	208	-	-	-	-	-	-	-
Vandyke, Claude (MI)	-	60	3,459	-	-	-	-	-	36	-	3
Vestaburg (MI)	-	34	-	-	-	-	-	-	-	-	1
Winder, C A (MI)	-	2	-	-	-	-	-	-	-	-	1
Wolverine Power Corporation	-	-	-	4,387	-	-	-	-	-	-	-
Edenville (MI)	-	-	-	2,237	-	-	-	-	-	-	-
Sanford (MI)	-	-	-	1,274	-	-	-	-	-	-	-
Secord (MI)	-	-	-	498	-	-	-	-	-	-	-
Smallwood (MI)	-	-	-	378	-	-	-	-	-	-	-
Woodsfield Elec Light Plant	-	-	-	-	-	-	-	-	-	-	-
Anadarko (OH)	-	-	-	-	-	-	-	-	-	-	-
Wrangell Light Plant	-	-	-	-	-	-	-	-	-	-	1
Wrangell (AK)	-	-	-	-	-	-	-	-	-	-	1
Wyandotte Dept Of Mun Service ..	19,606	-	-	-	-	-	10	-	-	31	-
Wyandotte (MI)	19,606	-	-	-	-	-	10	-	-	31	-
Yadkin, Inc	-	-	-	133,063	-	-	-	-	-	-	-
Falls (NC)	-	-	-	19,143	-	-	-	-	-	-	-
High Rock (NC)	-	-	-	21,490	-	-	-	-	-	-	-
Narrows (NC)	-	-	-	69,897	-	-	-	-	-	-	-
Tuckertown (NC)	-	-	-	22,533	-	-	-	-	-	-	-
Yakutat Power Inc	-	374	-	-	-	-	-	1	-	-	-
Yakutat (AK)	-	374	-	-	-	-	-	1	-	-	-
Yankee Atomic Electric Company	-	-	-	-	110,522	-	-	-	-	-	-
Yankee - Rowe (MA)	-	-	-	-	110,522	-	-	-	-	-	-
Yazoo City Public Service Comm	-	-	-	-	-	-	-	-	-	-	-
Yazoo (MS)	-	-	-	-	-	-	-	-	-	-	-
Yuba County Water Agency	-	-	-	99,280	-	-	-	-	-	-	-
Fish Power (CA)	-	-	-	94	-	-	-	-	-	-	-
New Colgate (CA)	-	-	-	82,284	-	-	-	-	-	-	-
New Narrows (CA)	-	-	-	16,902	-	-	-	-	-	-	-
Yuma City Of	-	-	-	-	-	-	-	-	-	-	-
Yuma (CO)	-	-	-	-	-	-	-	-	-	-	-
Zeeland Board Of Public Works ..	-	103	888	-	-	-	-	-	9	-	-
Zeeland (MI)	-	103	888	-	-	-	-	-	9	-	-
U. S. Total	119,644,416	9,351,240	22,752,255	27,002,015	42,945,119	867,868	59,042	15,720	239,415	163,233	70,608

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 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 1990

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Alabama Electric Coop Inc	68	163.5	39.04	1.58	1	439.5	24.09	0.10	-	-	-	100	*	-
Lowman (AL)	68	163.5	39.04	1.58	1	439.5	24.09	.10	-	-	-	100	*	-
Alabama Power Co	1,327	203.5	49.77	1.32	6	402.4	23.27	.49	323	192.5	1.99	99	*	1
Barry (AL)	78	188.9	49.71	.93	-	-	-	-	149	174.0	1.80	93	-	7
Gadsden (AL)	10	213.7	53.83	1.76	-	-	-	-	4	346.7	3.55	98	-	2
Gaston (AL)	334	188.7	46.09	2.12	2	401.7	23.27	.41	-	-	-	100	*	-
Gorgas 2 and 3 (AL)	461	167.8	40.19	1.31	2	406.5	23.62	.61	-	-	-	100	*	-
Greene (AL)	99	217.7	54.43	1.47	2	399.2	22.94	.45	-	-	-	100	*	-
James Miller (AL)	344	260.3	64.75	.57	-	-	-	-	170	204.7	2.12	98	-	2
Alamito Co	167	191.4	35.19	.55	-	-	-	-	-	-	-	100	-	-
Springerville (AZ)	167	191.4	35.19	.55	-	-	-	-	-	-	-	100	-	-
Ames City Of	18	126.0	22.10	.20	*	413.3	24.61	.30	-	-	-	99	1	-
Ames (IA)	18	126.0	22.10	.20	*	413.8	24.61	.30	-	-	-	99	1	-
Appalachian Power Co (AEP)	975	161.0	40.09	.76	12	471.1	27.31	.00	-	-	-	100	*	-
Amos (WV)	521	168.2	41.79	.80	1	617.5	36.09	.00	-	-	-	100	*	-
Clinch River (VA)	129	143.9	35.73	.78	1	424.4	24.89	.00	-	-	-	100	*	-
Glen Lyn (VA)	21	203.0	51.44	.84	*	460.4	26.86	.00	-	-	-	100	*	-
Kanawha River (WV)	41	158.1	39.62	.76	*	264.6	15.31	.00	-	-	-	100	*	-
Mountaineer (WV)	263	152.1	38.03	.69	10	471.1	27.27	.00	-	-	-	99	1	-
Arizona Electric Pwr Coop Inc	80	174.7	41.08	.38	-	-	-	-	23	197.2	2.05	99	-	1
Apache (AZ)	80	174.7	41.08	.38	-	-	-	-	23	197.2	2.05	99	-	1
Arizona Public Service Co	1,046	118.4	21.44	.67	-	-	-	-	743	230.4	2.37	96	-	4
Cholla (AZ)	245	169.5	33.37	.49	-	-	-	-	4	354.0	3.66	100	-	*
Four Corners (NM)	801	100.9	17.79	.73	-	-	-	-	104	213.0	2.17	99	-	1
Ocotillo (AZ)	-	-	-	-	-	-	-	-	373	223.9	2.32	-	-	100
Saguaro (AZ)	-	-	-	-	-	-	-	-	3	222.0	2.29	-	-	100
Yucca (AZ)	-	-	-	-	-	-	-	-	259	245.0	2.51	-	-	100
Arkansas Power & Light Co (MSU)	840	160.7	28.09	.32	17	487.9	28.11	.50	2,611	149.0	1.51	84	1	15
Couch (AR)	-	-	-	-	-	-	-	-	394	109.7	1.21	-	-	100
Independence (AR)	436	158.2	27.55	.17	11	491.8	28.38	.50	-	-	-	99	1	-
Lake Catherine (AR)	-	-	-	-	-	-	-	-	1,094	156.4	1.57	-	-	100
Ritchie (AR)	-	-	-	-	-	-	-	-	1,123	157.0	1.57	-	-	100
Whitebluff (AR)	404	163.3	28.67	.49	6	480.3	27.59	.50	-	-	-	100	*	-
Associated Electric Coop Inc	475	143.9	30.90	3.34	-	-	-	-	-	-	-	100	-	-
Hill (MO)	176	182.6	38.26	4.19	-	-	-	-	-	-	-	100	-	-
Madrid (MO)	299	122.0	26.57	2.83	-	-	-	-	-	-	-	100	-	-
Atlantic City Electric Co (ACE)	38	176.0	46.97	2.56	-	-	-	-	-	-	-	100	-	-
Eriland (NJ)	38	176.0	46.97	2.56	-	-	-	-	-	-	-	100	-	-
Austin City Of	-	-	-	-	-	-	-	-	2,082	185.0	1.87	-	-	100
Decker Creek (TX)	-	-	-	-	-	-	-	-	1,781	184.8	1.87	-	-	100
Holly (TX)	-	-	-	-	-	-	-	-	282	186.4	1.88	-	-	100
Baltimore Gas & Electric Co	292	158.2	40.79	.93	273	234.0	14.68	.96	351	246.6	2.57	78	18	4
Brandon Shores (MD)	157	157.1	40.06	.69	-	-	-	-	-	-	-	100	-	-
Crane (MD)	34	154.0	41.26	2.19	-	-	-	-	-	-	-	100	-	-
Gould St (MD)	-	-	-	-	38	233.1	14.66	.98	-	-	-	-	100	-
Riverside (MD)	-	-	-	-	115	232.7	14.59	.96	241	243.7	2.54	-	74	26
Wagner (MD)	101	161.5	41.78	.88	57	235.8	14.70	.96	110	253.0	2.63	85	12	4
Westport (MD)	-	-	-	-	63	235.4	14.77	.96	-	-	-	100	-	-
Bangor Hydro-Electric Co	-	-	-	-	18	365.4	23.32	.61	-	-	-	-	100	-
Graham (ME)	-	-	-	-	18	365.4	23.32	.61	-	-	-	-	100	-
Basin Electric Power Coop	885	68.9	10.04	.55	12	463.4	26.84	.34	-	-	-	99	1	-
Antelope Valley (ND)	391	66.4	8.89	.63	2	427.4	24.75	.34	-	-	-	100	*	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁶ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Basin Electric Power Coop														
Laramie River (WY)	320	62.0	10.36	0.38	8	483.8	28.02	0.34	-	-	-	99	1	-
Leland Olds (ND)	173	90.7	12.05	.69	2	433.4	25.10	.34	-	-	-	99	1	-
Big Rivers Electric Corp	413	125.1	27.97	3.72	-	-	-	-	2	263.2	2.63	100	-	*
Coleman (KY)	100	112.0	25.44	2.60	-	-	-	-	2	263.2	2.63	100	-	*
R D Green (KY)	134	117.1	24.77	4.51	-	-	-	-	-	-	-	100	-	-
Reid-Henderson (KY)	56	124.8	31.17	2.80	-	-	-	-	-	-	-	100	-	-
Wilson (KY)	122	144.7	32.09	4.21	-	-	-	-	-	-	-	100	-	-
Boston Edison Co	-	-	-	-	329	218.1	13.76	.93	6,517	218.1	2.29	-	23	77
Mystic (MA)	-	-	-	-	329	218.1	13.76	.93	2,046	215.0	2.33	-	48	52
New Boston (MA)	-	-	-	-	-	-	-	-	4,471	219.7	2.28	-	-	100
Brazos Electric Power Coop Inc	-	-	-	-	-	-	-	-	1,175	169.2	1.72	-	-	100
Miller (TX)	-	-	-	-	-	-	-	-	1,169	169.1	1.71	-	-	100
North Texas (TX)	-	-	-	-	-	-	-	-	6	178.7	2.14	-	-	100
Bryan City Of	-	-	-	-	-	-	-	-	444	143.8	1.50	-	-	100
Bryan (TX)	-	-	-	-	-	-	-	-	72	126.2	1.33	-	-	100
Dansby (TX)	-	-	-	-	-	-	-	-	372	147.2	1.53	-	-	100
Burbank City Of	-	-	-	-	-	-	-	-	119	358.5	3.67	-	-	100
Magnolia-Olive (CA)	-	-	-	-	-	-	-	-	119	358.5	3.67	-	-	100
Cajun Electric Power Coop Inc	475	170.0	30.07	.43	5	380.4	22.37	.00	376	162.1	1.69	95	*	4
Big Cajun No.1 (LA)	-	-	-	-	-	-	-	-	376	162.1	1.69	-	-	100
Big Cajun No.2 (LA)	475	170.0	30.07	.43	5	380.4	22.37	.00	-	-	-	100	*	-
Cambridge Electric Light Co (CES)	-	-	-	-	1	273.3	17.23	.42	145	256.2	2.56	-	4	96
Kendall Square (MA)	-	-	-	-	1	273.3	17.23	.42	145	256.2	2.56	-	4	96
Canal Electric Co (CES)	-	-	-	-	753	211.3	13.33	2.16	-	-	-	-	100	-
Canal (MA)	-	-	-	-	753	211.3	13.33	2.16	-	-	-	-	100	-
Cardinal Operating Co (AEP)	267	149.6	34.33	1.62	-	-	-	-	-	-	-	100	-	-
Cardinal (OH)	267	149.6	34.33	1.62	-	-	-	-	-	-	-	100	-	-
Carolina Power & Light Co	749	183.6	45.76	.91	12	407.3	23.61	.20	-	-	-	100	*	-
Asheville (NC)	101	151.1	39.51	1.23	1	408.0	23.65	.20	-	-	-	100	*	-
Cape Fear (NC)	62	193.7	49.15	1.11	-	-	-	-	-	-	-	100	-	-
Lee (NC)	39	203.0	51.71	1.06	-	-	-	-	-	-	-	100	-	-
Mayo (NC)	161	193.3	46.57	.60	4	405.7	23.51	.20	-	-	-	99	1	-
Robinson (SC)	14	201.5	50.64	1.17	1	425.0	24.63	.20	-	-	-	99	1	-
Roxboro (NC)	293	174.9	43.01	.82	7	406.9	23.58	.20	-	-	-	99	1	-
Sutton (NC)	63	217.3	55.54	1.17	-	403.5	23.39	.20	-	-	-	100	*	-
Weatherspoon (NC)	16	222.5	56.81	1.16	-	-	-	-	-	-	-	100	-	-
Centel Corp	-	-	-	-	-	-	-	-	24	189.9	2.01	-	-	100
Cimarron River (KS)	-	-	-	-	-	-	-	-	22	181.1	1.93	-	-	100
Large (KS)	-	-	-	-	-	-	-	-	1	296.1	2.96	-	-	100
Mullergren (KS)	-	-	-	-	-	-	-	-	-	318.1	3.09	-	-	100
Central Electric Pwr Coop-MO	1	128.2	26.41	4.90	-	-	-	-	-	-	-	100	-	-
Chamois (MO)	1	128.2	26.41	4.90	-	-	-	-	-	-	-	100	-	-
Central Hudson Gas & Elec Corp	86	203.9	53.31	.58	868	224.4	14.33	1.37	628	250.9	2.60	27	66	8
Danskammer (NY)	86	203.9	53.31	.58	-	-	-	-	628	250.9	2.60	77	-	23
Roseton (NY)	-	-	-	-	868	224.4	14.33	1.37	-	-	-	-	100	-
Central Illinois Light Co	211	172.2	41.20	1.98	2	455.5	26.34	.18	-	-	-	100	*	-
Duck Creek (IL)	88	186.1	39.23	3.39	1	467.3	26.72	.16	-	-	-	100	*	-
Edwards (IL)	123	164.2	42.60	.97	1	447.4	25.87	.20	-	-	-	100	*	-
Central Illinois Pub Serv Co	414	162.5	36.73	2.64	45	301.6	18.86	.61	-	-	-	97	3	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Central Illinois Pub Serv Co														
Coffeen (IL)	145	159.7	33.92	3.61	1	429.1	25.00	0.23	-	-	-	100	*	-
Grand Tower (IL)	22	163.9	38.09	3.08	-	411.4	24.16	.29	-	-	-	100	*	-
Hutsonville (IL)	17	142.3	32.22	2.72	1	429.9	24.73	.18	-	-	-	99	1	-
Meredosia (IL)	37	146.8	33.32	2.49	42	294.8	18.51	.64	-	-	-	76	24	-
Newton (IL)	194	168.9	39.72	1.88	1	429.9	24.77	.16	-	-	-	100	*	-
Central Iowa Power Coop														
Fair Station (IA)	23	118.1	25.60	2.93	-	-	-	-	*	348.4	3.59	100	-	*
	23	118.1	25.60	2.93	-	-	-	-	*	348.4	3.59	100	-	*
Central Louisiana Elec Co Inc														
Coughlin (LA)	453	152.4	22.73	.54	-	-	-	-	2,370	224.7	2.32	73	-	27
Dolet Hills (LA)	-	-	-	-	-	-	-	-	491	244.8	2.58	-	-	100
Rodemacher (LA)	319	131.2	18.11	.56	-	-	-	-	15	213.2	2.18	100	-	*
Teche (LA)	134	192.1	33.73	.49	-	-	-	-	1,187	225.0	2.29	66	-	34
	-	-	-	-	-	-	-	-	677	209.7	2.19	-	-	100
Central Maine Power Co														
Wyman (ME)	-	-	-	-	814	242.4	15.21	.90	-	-	-	-	100	-
	-	-	-	-	814	242.4	15.21	.90	-	-	-	-	100	-
Central Nebraska Pub P&I Dist														
Canaday (NE)	-	-	-	-	-	-	-	-	130	162.7	1.52	-	-	100
	-	-	-	-	-	-	-	-	130	162.7	1.52	-	-	100
Central Operating Co (AEP)														
Sporn (WV)	172	142.3	35.17	1.10	-	-	-	-	-	-	-	100	-	-
	172	142.3	35.17	1.10	-	-	-	-	-	-	-	100	-	-
Central Power & Light Co (CSW) ...														
Bates (TX)	201	199.6	42.36	.36	-	-	-	-	8,364	207.0	2.18	33	-	67
Coletu Creek (TX)	-	-	-	-	-	-	-	-	491	189.1	2.08	-	-	100
Davis (TX)	201	199.6	42.36	.36	-	-	-	-	-	-	-	100	-	-
Hill (TX)	-	-	-	-	-	-	-	-	2,482	235.6	2.40	-	-	100
Joslin (TX)	-	-	-	-	-	-	-	-	1,207	166.7	1.78	-	-	100
La Palma (TX)	-	-	-	-	-	-	-	-	656	213.6	2.23	-	-	100
Laredo (TX)	-	-	-	-	-	-	-	-	733	177.6	1.95	-	-	100
Nueces Bay (TX)	-	-	-	-	-	-	-	-	582	246.9	2.75	-	-	100
Victoria (TX)	-	-	-	-	-	-	-	-	2,159	200.1	2.11	-	-	100
	-	-	-	-	-	-	-	-	53	170.2	1.82	-	-	100
Cincinnati Gas & Electric Co														
Beckjord (OH)	586	147.6	34.46	1.86	8	398.1	23.01	.42	-	-	-	100	*	-
East Bend (KY)	192	137.2	31.60	2.15	3	396.2	22.98	.45	-	-	-	100	*	-
Miami Fort (OH)	143	154.5	35.97	1.82	1	409.5	23.44	.34	-	-	-	100	*	-
	250	151.5	35.78	1.67	5	398.0	22.98	.42	-	-	-	100	*	-
Cleveland Electric Illum Co														
Ashtabula (OH)	484	159.1	40.17	2.37	5	436.7	25.41	.38	-	-	-	100	*	-
Avon Lake (OH)	49	129.1	33.91	2.36	1	436.7	25.42	.37	-	-	-	99	1	-
Eastlake (OH)	163	154.0	38.13	2.18	3	434.6	25.32	.39	-	-	-	100	*	-
Lake Shore (OH)	217	164.3	41.53	2.97	1	438.4	25.42	.36	-	-	-	100	*	-
	55	181.0	46.40	.55	-	447.4	25.94	.31	-	-	-	100	*	-
Coffeyville City Of														
Coffeyville (KS)	-	-	-	-	-	-	-	-	56	237.0	2.37	-	-	100
	-	-	-	-	-	-	-	-	56	237.0	2.37	-	-	100
Colorado Springs City Of														
Birdsall (CO)	130	136.3	29.11	.36	-	-	-	-	9	309.7	3.02	100	-	*
Drake (CO)	-	-	-	-	-	-	-	-	-	309.7	3.02	-	-	100
Nixon (CO)	61	138.9	29.41	.32	-	-	-	-	9	309.7	3.02	99	-	1
	69	134.1	28.84	.39	-	-	-	-	-	-	-	100	-	-
Colorado Ute Electric Assn Inc														
Craig (CO)	486	91.6	18.86	.37	-	-	-	-	11	255.5	2.68	100	-	*
Hayden (CO)	408	89.1	18.19	.35	-	-	-	-	11	252.8	2.65	100	-	*
Nucla (CO)	66	99.8	21.71	.45	-	-	-	-	-	349.4	3.67	100	-	*
	13	126.2	25.71	.58	-	-	-	-	-	-	-	100	-	-
Columbus & Southern Ohio El Co ..														
Conesville (OH)	350	153.6	36.08	3.04	1	418.4	24.51	.00	-	-	-	100	*	-
Picway (OH)	322	157.3	36.98	3.03	1	418.4	24.51	.00	-	-	-	100	*	-
	27	109.8	25.46	3.13	-	-	-	-	-	-	-	100	-	-
Columbus City Of														
Refuse & Coal (OH)	6	169.4	42.05	.81	-	-	-	-	-	-	-	100	-	-
	6	169.4	42.05	.81	-	-	-	-	-	-	-	100	-	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Commonwealth Edison Co	761	247.0	47.91	1.26	7	421.3	24.65	0.25	527	280.8	2.87	96	*	4
Crawford (IL)	28	323.4	60.98	.43	-	-	-	-	31	434.1	4.46	94	-	6
Fisk (IL)	23	324.1	60.99	.44	-	-	-	-	47	358.7	3.68	90	-	10
Joliet (IL)	138	296.3	55.76	.44	-	-	-	-	378	250.3	2.56	87	-	13
Kincaid (IL)	220	133.8	27.21	3.38	-	-	-	-	4	329.9	3.35	100	-	*
Powerton (IL)	168	283.3	54.38	.35	-	-	-	-	11	386.4	3.86	100	-	*
State Line (IN)	34	297.3	57.06	.35	-	-	-	-	36	348.1	3.59	95	-	5
Waukegan (IL)	74	284.6	53.56	.44	-	-	-	-	20	245.6	2.51	99	-	1
Will County (IL)	76	317.7	60.90	.36	7	421.3	24.65	.25	-	-	-	97	3	-
Commonwealth Electric Co (CES) ..	-	-	-	-	-	-	-	-	86	232.0	2.32	-	-	100
Cannon (MA)	-	-	-	-	-	-	-	-	86	232.0	2.32	-	-	100
Community Public Service Co	24	136.7	18.16	1.02	-	-	-	-	260	170.6	1.76	54	-	46
TNP One (Tx)	24	136.7	18.16	1.02	-	-	-	-	260	170.6	1.76	54	-	46
Connecticut Light & Power Co	-	-	-	-	1,154	244.9	15.54	.86	190	211.4	2.19	-	97	3
Devon (CT)	-	-	-	-	324	235.7	14.98	1.00	-	-	-	-	100	-
Middletown (CT)	-	-	-	-	311	265.6	16.76	.50	-	-	-	-	100	-
Montville (CT)	-	-	-	-	218	241.3	15.33	1.00	190	211.4	2.19	-	88	12
Norwalk Harbor (CT)	-	-	-	-	301	236.3	15.03	1.00	-	-	-	-	100	-
Consolidated Edison Co-NY Inc	-	-	-	-	1,363	272.6	16.98	.28	7,530	196.8	2.04	-	52	48
Astoria (NY)	-	-	-	-	182	275.8	17.22	.27	3,547	196.8	2.04	-	24	76
East River (NY)	-	-	-	-	-	-	-	-	284	196.9	2.04	-	-	100
Hudson Avenue (NY)	-	-	-	-	334	271.2	16.77	.29	-	-	-	-	100	-
Ravenswood (NY)	-	-	-	-	-	-	-	-	3,352	196.8	2.04	-	-	100
Storage Facility #3	-	-	-	-	468	269.6	16.78	.28	-	-	-	-	100	-
Storage Facility #4	-	-	-	-	178	285.8	17.86	.28	-	-	-	-	100	-
Storage Facility #5	-	-	-	-	201	267.1	16.76	.28	-	-	-	-	100	-
Waterside (NY)	-	-	-	-	-	-	-	-	347	196.8	2.04	-	-	100
Consumers Power Co	565	158.5	37.90	.77	111	291.8	18.38	.97	-	-	-	95	5	-
Campbell (MI)	188	172.5	42.71	.76	-	-	-	-	-	-	-	-	100	-
Cobb (MI)	59	126.4	23.00	.31	-	-	-	-	-	-	-	-	100	-
Karn-Weadock (MI)	100	157.8	38.98	.87	111	291.8	18.38	.97	-	-	-	-	78	22
Weadock (MI)	101	152.9	37.33	.85	-	-	-	-	-	-	-	-	100	-
Whiting (MI)	117	153.3	37.31	.86	-	-	-	-	-	-	-	-	100	-
Coop Power Assn	442	82.4	10.38	.75	-	-	-	-	-	-	-	100	-	-
Coal Creek (ND)	442	82.4	10.38	.75	-	-	-	-	-	-	-	-	100	-
Dairyland Power Coop	278	134.0	25.18	1.06	4	406.2	23.88	.50	-	-	-	100	*	-
Alma-Madgett (WI)	168	139.7	25.21	.59	-	-	-	-	-	-	-	-	100	-
Genoa No.3 (WI)	96	123.4	23.93	1.82	4	406.2	23.88	.50	-	-	-	-	99	1
Stoneman (WI)	14	142.0	33.46	1.56	-	-	-	-	-	-	-	-	100	-
Dayton Power & Light Co	511	156.3	37.22	1.12	2	426.3	24.61	.69	30	318.9	3.25	100	*	*
Hutchings (OH)	-	152.8	36.80	.67	-	-	-	-	30	318.9	3.25	7	-	93
Killen (OH)	188	151.4	37.67	.66	-	-	-	-	-	-	-	-	100	-
Stuart (OH)	323	159.4	36.96	1.39	2	426.3	24.61	.69	-	-	-	-	100	*
Deepwater Operating Co (ACE)	12	172.7	45.77	.88	-	-	-	-	42	226.0	2.34	88	-	12
Deepwater (NJ)	12	172.7	45.77	.88	-	-	-	-	42	226.0	2.34	88	-	12
Delmarva Power & Light Co (DMV) ..	190	182.2	47.26	.90	266	235.5	14.97	.94	244	189.8	2.01	72	25	4
Delaware City (DE)	-	-	-	-	4	213.0	13.50	.92	60	94.4	1.04	-	30	70
Edgemoor (DE)	44	199.2	53.37	.83	254	231.3	14.74	.96	184	223.0	2.32	39	54	6
Indian River (DE)	146	176.9	45.43	.92	7	425.3	24.42	.25	-	-	-	-	99	1
Denton City Of	-	-	-	-	-	-	-	-	100	155.0	1.61	-	-	100
Spencer (TX)	-	-	-	-	-	-	-	-	100	155.0	1.61	-	-	100
Deseret Generation & Tran Coop ..	106	233.3	48.53	.44	-	-	-	-	-	-	-	100	-	-
Bonanza (UT)	106	233.3	48.53	.44	-	-	-	-	-	-	-	-	100	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Detroit City Of	-	-	-	-	44	328.4	19.67	0.43	136	259.1	2.63	-	66	34
Mistersky (MI)	-	-	-	-	44	328.4	19.67	.43	136	259.1	2.63	-	66	34
Detroit Edison Co	1,651	162.3	34.31	0.57	23	421.4	24.36	.23	1,354	145.8	.14	99	*	*
Belle River (MI)	355	156.0	29.82	.33	9	429.1	24.70	.20	-	-	-	99	1	-
Harbor Beach (MI)	-	-	-	-	-	427.4	24.63	.33	-	-	-	-	100	-
Monroe (MI)	608	155.5	33.90	.66	7	418.1	24.34	.28	-	-	-	100	*	-
River Rouge (MI)	91	174.7	43.79	.70	-	-	-	-	1,353	145.1	.14	95	-	5
St Clair (MI)	404	153.5	30.19	.55	4	410.0	23.65	.25	1	331.0	3.40	100	*	*
Trenton Channel (MI)	193	200.3	48.02	.73	3	419.4	24.19	.20	-	-	-	100	*	-
Dover City Of	-	-	-	-	44	237.0	15.08	1.98	84	255.0	2.64	-	76	24
McKee Run (DE)	-	-	-	-	44	237.0	15.08	1.98	84	255.0	2.64	-	76	24
Duke Power Co	699	186.7	46.52	.99	6	400.6	23.31	.30	-	-	-	100	*	-
Allen (NC)	104	178.0	44.44	1.01	2	399.8	23.22	.30	-	-	-	100	*	-
Belews Creek (NC)	240	191.7	47.46	.98	-	-	-	-	-	-	-	100	-	-
Buck (NC)	19	196.3	50.06	.89	-	-	-	-	-	-	-	100	-	-
Cliffside (NC)	90	195.5	48.76	1.01	1	411.5	23.99	.30	-	-	-	100	*	-
Dan River (NC)	15	194.2	49.21	1.01	-	-	-	-	-	-	-	100	-	-
Marshall (NC)	231	180.9	45.13	1.00	3	397.4	23.14	.30	-	-	-	100	*	-
Duquesne Light Co	156	130.4	31.92	1.66	2	434.3	25.14	.27	15	268.8	2.80	99	*	*
Cheswick (PA)	97	137.8	34.00	1.58	-	-	-	-	15	268.8	2.80	99	-	1
Elrama (PA)	59	117.9	28.49	1.81	2	434.0	25.14	.27	-	-	-	99	1	-
East Kentucky Power Coop	227	119.9	29.20	1.37	*	430.0	25.03	.16	-	-	-	100	*	-
Cooper (KY)	56	121.1	29.26	1.45	*	443.0	25.79	.20	-	-	-	100	*	-
Dale (KY)	21	129.3	31.55	.88	*	417.0	24.27	.12	-	-	-	100	*	-
Spurlock (KY)	150	118.2	28.86	1.41	-	-	-	-	-	-	-	100	-	-
El Paso Electric Co	-	-	-	-	-	-	-	-	2,005	181.0	1.85	-	-	100
Newman (TX)	-	-	-	-	-	-	-	-	1,215	170.0	1.75	-	-	100
Rio Grande (TX)	-	-	-	-	-	-	-	-	790	198.0	2.01	-	-	100
Electric Energy Inc	373	118.1	27.33	1.91	1	437.0	25.65	.37	-	-	-	100	*	-
Joppa (IL)	373	118.1	27.33	1.91	1	437.0	25.65	.37	-	-	-	100	*	-
Empire District Electric Co	62	121.2	27.00	2.25	-	-	-	-	3	347.5	3.47	100	-	*
Asbury (MO)	57	121.8	26.88	2.24	-	-	-	-	-	-	-	100	-	-
Riverton (KS)	5	115.3	26.44	2.38	-	-	-	-	3	347.5	3.47	98	-	2
Florida Power & Light Co	-	-	-	-	2,714	238.9	15.14	1.15	9,950	214.1	2.14	-	63	37
Cape Canaveral (FL)	-	-	-	-	356	235.3	14.90	1.60	1,587	214.1	2.14	-	59	41
Cutler (FL)	-	-	-	-	-	-	-	-	190	214.1	2.14	-	-	100
Fort Myers (FL)	-	-	-	-	590	240.2	15.14	1.29	-	-	-	-	100	-
Lauderdale (FL)	-	-	-	-	-	-	-	-	590	214.1	2.14	-	-	100
Manatee (FL)	-	-	-	-	464	225.4	14.35	.97	-	-	-	-	100	-
Martin (FL)	-	-	-	-	523	256.0	16.26	.65	2,628	214.1	2.14	-	56	44
Port Everglades (FL)	-	-	-	-	481	231.2	14.69	1.07	1,894	214.1	2.14	-	62	38
Riviera (FL)	-	-	-	-	-	-	-	-	1,325	214.1	2.14	-	-	100
Sanford (FL)	-	-	-	-	300	244.2	15.37	1.58	431	214.1	2.14	-	81	19
Turkey Point (FL)	-	-	-	-	-	-	-	-	1,305	214.1	2.14	-	-	100
Florida Power Corp	470	158.7	40.17	.80	625	228.5	14.49	1.49	345	219.8	2.25	73	24	2
Anclote (FL)	-	-	-	-	8	394.1	23.29	.14	-	-	-	-	100	-
Crystal River (FL)	470	158.7	40.17	.80	6	406.4	23.98	.13	-	-	-	100	*	-
Higgins (FL)	-	-	-	-	-	-	-	-	16	323.2	3.32	-	-	100
Storage Facility #1	-	-	-	-	577	224.0	14.24	1.47	-	-	-	-	100	-
Suwannee (FL)	-	-	-	-	-	-	-	-	329	214.7	2.20	-	-	100
Turner (FL)	-	-	-	-	35	240.9	15.15	2.28	-	-	-	-	100	-
Fort Pierre City Of	-	-	-	-	-	-	-	-	153	224.9	2.32	-	-	100
H D King (FL)	-	-	-	-	-	-	-	-	153	224.9	2.32	-	-	100

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Fremont City Of	18	85.8	15.02	0.47	-	-	-	-	13	178.4	1.78	96	-	4
Wright (NE)	18	85.8	15.02	.47	-	-	-	-	13	178.4	1.78	96	-	4
Gainesville City Of	33	193.3	50.51	.66	-	-	-	-	449	232.2	2.39	65	-	35
Deerhaven (FL)	33	193.3	50.51	.66	-	-	-	-	333	232.6	2.39	71	-	29
Jr Kelly (FL)	-	-	-	-	-	-	-	-	116	231.2	2.38	-	-	100
Garland City Of	-	-	-	-	-	-	-	-	502	156.4	1.60	-	-	100
Newman (TX)	-	-	-	-	-	-	-	-	7	155.0	1.61	-	-	100
Olinger (TX)	-	-	-	-	-	-	-	-	495	156.4	1.60	-	-	100
Georgia Power Co (SC)	2,335	172.9	41.58	1.76	32	421.2	24.41	0.50	11	302.9	3.11	100	*	*
Arkwright (GA)	17	161.9	39.94	2.12	-	-	-	-	2	307.2	3.15	99	-	1
Atkinson-McDonough (GA)	126	163.3	37.66	2.50	-	-	-	-	8	301.6	3.09	100	-	*
Bowen (GA)	830	168.4	41.12	1.57	1	413.6	23.97	.50	-	-	-	100	*	-
Hammond (GA)	107	166.0	42.56	1.74	2	403.8	23.40	.50	-	-	-	100	*	-
Harlee Branch (GA)	351	182.2	45.44	1.26	1	419.6	24.32	.50	-	-	-	100	*	-
Mcmanus (GA)	-	-	-	-	16	429.8	24.91	.50	-	-	-	-	100	-
Mitchell (GA)	14	188.5	46.48	1.38	-	-	-	-	-	-	-	100	-	-
Scherer (GA)	170	220.6	55.10	.70	7	409.3	23.72	.50	-	-	-	99	1	-
Wansley (GA)	357	161.5	35.67	2.58	3	420.9	24.40	.50	-	-	-	100	*	-
Yates (GA)	362	166.2	39.35	2.12	1	415.2	24.06	.50	-	-	-	100	*	-
Glendale City Of	-	-	-	-	-	-	-	-	147	220.0	2.29	-	-	100
Glendale (CA)	-	-	-	-	-	-	-	-	147	220.0	2.29	-	-	100
Grand Haven City Of	50	165.0	36.32	2.63	-	-	-	-	-	-	-	100	-	-
J B Simms (MI)	50	165.0	36.32	2.63	-	-	-	-	-	-	-	100	-	-
Grand Island City Of	11	71.7	12.08	.35	-	-	-	-	177	169.0	1.59	53	-	47
Burdick (NE)	-	-	-	-	-	-	-	-	177	169.0	1.59	-	-	100
Platte (NE)	11	71.7	12.08	.35	-	-	-	-	-	-	-	100	-	-
Grand River Dam Authority	222	100.3	17.66	.56	*	401.8	23.25	.43	28	199.0	2.01	99	*	1
GRDA No 1 (OK)	222	100.3	17.66	.56	*	401.8	23.25	.43	28	199.0	2.01	99	*	1
Greenville City Of	-	-	-	-	-	-	-	-	109	155.0	1.68	-	-	100
Greenville (TX)	-	-	-	-	-	-	-	-	109	155.0	1.68	-	-	100
Gulf Power Co	258	182.7	43.93	2.78	4	416.9	23.99	.45	56	178.6	1.79	99	*	1
Crist (FL)	155	183.1	43.97	2.78	3	415.8	23.93	.45	56	178.6	1.79	98	*	1
Scholtz (FL)	27	161.0	39.16	2.79	*	430.8	24.79	.45	-	-	-	100	*	-
Smith (FL)	76	189.7	45.54	2.77	1	418.2	24.06	.45	-	-	-	100	*	-
Gulf States Utilities Co	83	208.6	36.64	.47	-	-	-	-	17,335	167.9	1.74	8	-	92
Lewis Creek (TX)	-	-	-	-	-	-	-	-	2,954	164.9	1.72	-	-	100
Nelson (LA)	83	208.6	36.64	.47	-	-	-	-	2,387	157.3	1.63	37	-	63
Sabine (TX)	-	-	-	-	-	-	-	-	8,618	171.5	1.77	-	-	100
Willow Glen (LA)	-	-	-	-	-	-	-	-	3,376	168.9	1.76	-	-	100
Hamilton City Of	11	162.5	40.27	.64	-	-	-	-	-	-	-	100	-	-
Hamilton (OH)	11	162.5	40.27	.64	-	-	-	-	-	-	-	100	-	-
Hastings City Of	11	104.7	18.39	.23	-	-	-	-	-	-	-	100	-	-
Hastings (NE)	11	104.7	18.39	.23	-	-	-	-	-	-	-	100	-	-
Hawaiian Electric Co Inc	-	-	-	-	707	334.8	21.01	.46	-	-	-	-	100	-
Kahe (HI)	-	-	-	-	345	340.4	21.58	.46	-	-	-	-	100	-
Storage Facility #1	-	-	-	-	362	329.3	20.46	.47	-	-	-	-	100	-
Holland City Of	26	174.0	45.75	.80	-	-	-	-	155	179.0	1.81	82	-	18
James De Young (MI)	26	174.0	45.75	.80	-	-	-	-	155	179.0	1.81	82	-	18
Holyoke Water Power Co (NU)	42	176.7	45.94	1.50	-	-	-	-	-	-	-	100	-	-
Mount Tom (MA)	42	176.7	45.94	1.50	-	-	-	-	-	-	-	100	-	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Hoosier Energy R E C Inc	230	130.8	28.44	3.68	*	413.5	23.52	0.20	-	-	-	100	*	-
Frank E Ratts (IN)	63	126.9	27.92	3.09	*	413.5	23.52	.20	-	-	-	100	*	-
Merom (IN)	167	132.3	28.64	3.90	-	-	-	-	-	-	-	100	-	-
Houston Lighting & Power Co	1,194	224.4	34.84	.58	6	400.1	24.65	.90	26,072	155.9	1.62	41	*	59
Bertron (TX)	-	-	-	-	-	-	-	-	2,080	161.9	1.71	-	-	100
Cedar Bayou (TX)	-	-	-	-	5	350.0	21.83	1.00	8,816	151.9	1.58	-	*	100
Deepwater (TX)	-	-	-	-	-	-	-	-	611	170.2	1.75	-	-	100
Green Bayou (TX)	-	-	-	-	1	613.0	35.96	.50	2,078	164.2	1.69	-	*	100
Limestone (TX)	483	183.8	24.56	.85	-	-	-	-	154	150.4	1.55	98	-	2
Parish (TX)	712	246.1	41.82	.39	-	-	-	-	1,353	168.6	1.73	90	-	10
Robinson (TX)	-	-	-	-	-	-	-	-	8,819	151.1	1.57	-	-	100
Webster (TX)	-	-	-	-	-	-	-	-	1,375	166.7	1.72	-	-	100
Wharton (TX)	-	-	-	-	-	-	-	-	784	166.4	1.71	-	-	100
Illinois Power Co	575	149.5	33.51	2.59	4	420.2	24.35	.30	74	248.6	2.51	99	*	1
Baldwin (IL)	403	146.5	31.98	3.08	2	418.8	24.27	.30	-	-	-	100	*	-
Havana (IL)	52	159.6	41.49	.69	2	421.0	24.40	.30	-	-	-	99	1	-
Hennepin (IL)	31	145.1	30.74	2.87	-	-	-	-	6	251.6	2.58	99	-	1
Vermilion (IL)	25	121.5	26.18	2.41	*	553.7	32.09	.30	-	-	-	100	*	-
Wood River (IL)	64	169.7	40.97	1.00	-	-	-	-	68	248.3	2.50	96	-	4
Imperial Irrigation District	-	-	-	-	-	-	-	-	315	343.5	3.51	-	-	100
El Centro (CA)	-	-	-	-	-	-	-	-	315	343.5	3.51	-	-	100
Independence City Of	-	-	-	-	-	-	-	-	3	203.3	2.03	-	-	100
Blue Valley (MO)	-	-	-	-	-	-	-	-	3	203.3	2.03	-	-	100
Indiana & Michigan Power Co (AEP)	1,146	137.6	25.18	.60	24	405.8	23.44	.00	-	-	-	99	1	-
Breed (IN)	21	147.6	31.59	3.71	*	410.1	23.63	.00	-	-	-	100	*	-
Rockport (IN)	914	123.3	20.98	.31	24	406.0	23.45	.00	-	-	-	99	1	-
Tanners Creek (IN)	211	181.4	42.74	1.57	*	378.1	21.98	.00	-	-	-	100	*	-
Indiana-Kentucky Electric Corp	337	102.8	23.21	3.52	*	479.7	27.73	.18	-	-	-	100	*	-
Clifty Creek (IN)	337	102.8	23.21	3.52	*	479.7	27.73	.18	-	-	-	100	*	-
Indianapolis Power & Light Co	403	107.1	23.93	2.12	-	-	-	-	-	-	-	100	-	-
Petersburg (IN)	288	100.5	22.45	2.35	-	-	-	-	-	-	-	100	-	-
Pritchard (IN)	27	117.0	26.69	1.06	-	-	-	-	-	-	-	100	-	-
Stout (IN)	88	125.5	27.91	1.70	-	-	-	-	-	-	-	100	-	-
Interstate Power Co	190	191.0	37.21	1.29	2	407.5	23.96	.00	90	171.8	1.72	97	*	2
Dubuque (IA)	18	189.8	41.92	2.89	-	-	-	-	-	-	-	100	-	-
Fox Lake (MN)	12	164.8	36.00	1.90	2	407.5	23.96	.00	86	165.0	1.65	73	3	24
Kapp (IA)	56	130.5	29.47	2.03	-	-	-	-	4	313.5	3.23	100	-	*
Lansing (IA)	104	238.2	40.69	.54	-	-	-	-	-	-	-	100	-	-
Iowa Electric Light & Power Co	76	149.9	32.85	1.90	1	406.4	23.64	.00	59	286.3	2.86	96	*	3
Prairie Creek (IA)	42	158.0	35.03	2.24	1	406.4	23.64	.00	-	413.7	4.14	100	*	*
Sutherland (IA)	24	131.0	27.93	1.23	-	-	-	-	15	209.6	2.10	97	-	3
6th St (IA)	10	159.8	35.46	2.07	-	-	-	-	44	311.8	3.12	83	-	17
Iowa Power & Light Co	246	101.4	16.85	.36	-	-	-	-	3	217.8	2.20	100	-	*
Council Bluffs (IA)	246	101.4	16.85	.36	-	-	-	-	3	217.8	2.20	100	-	*
Iowa Public Service Co	495	82.4	14.32	.40	-	-	-	-	166	161.0	1.61	98	-	2
George Neal 1-4 (IA)	495	82.4	14.32	.40	-	-	-	-	166	161.0	1.61	98	-	2
Iowa Southern Utilities Co	292	106.5	18.56	.71	-	-	-	-	-	-	-	100	-	-
Burlington (IA)	39	112.5	24.53	2.94	-	-	-	-	-	-	-	100	-	-
Ottumwa (IA)	253	105.3	17.64	.36	-	-	-	-	-	-	-	100	-	-
Iowa-Illinois Gas & Electric Co	6	131.0	27.21	2.74	-	-	-	-	18	351.0	3.62	87	-	13
Riverside (IA)	6	131.0	27.21	2.74	-	-	-	-	18	351.0	3.62	87	-	13

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Jacksonville Electric Authority	407	174.9	43.89	1.25	9	371.8	22.09	0.22	264	246.2	2.59	97	1	3
Kennedy (FL)	-	-	-	-	5	371.0	22.06	.21	124	246.2	2.59	-	18	82
Northside (FL)	-	-	-	-	4	371.0	22.06	.21	-	-	-	-	100	-
Southside (FL)	-	-	-	-	-	-	-	-	140	246.2	2.59	-	-	100
St Johns River (FL)	407	174.9	43.89	1.25	-	392.2	22.90	.35	-	-	-	100	-	-
Jamestown City Of	12	145.7	36.58	1.93	-	-	-	-	-	-	-	100	-	-
Samuel A Carlson (NY)	12	145.7	36.58	1.93	-	-	-	-	-	-	-	100	-	-
Jersey Central Power & Light Co (GPS)	-	-	-	-	56	276.5	17.29	.30	78	304.5	3.15	-	81	19
Gilbert (NJ)	-	-	-	-	-	-	-	-	-	224.9	2.32	-	-	100
Sayreville (NJ)	-	-	-	-	56	276.5	17.29	.30	78	305.0	3.15	-	81	19
Kansas City City Of	84	140.9	26.02	.90	-	431.2	24.99	.00	7	284.2	2.92	100	-	-
Kaw (KS)	8	222.9	50.99	2.65	-	431.2	24.99	.00	7	284.2	2.92	96	-	4
Nearman (KS)	54	103.3	16.86	.35	-	-	-	-	-	-	-	100	-	-
Quindaro (KS)	23	178.0	39.27	1.60	-	-	-	-	-	-	-	100	-	-
Kansas City Power & Light Co	616	97.3	17.22	.50	-	-	-	-	14	347.0	3.56	100	-	-
Hawthorne (MO)	111	97.4	16.99	.18	-	-	-	-	14	347.0	3.56	99	-	1
Iatan (MO)	284	85.6	15.06	.38	-	-	-	-	-	-	-	100	-	-
La Cygne (KS)	121	119.3	22.40	1.20	-	-	-	-	-	-	-	100	-	-
Montrose (MO)	101	102.4	17.31	.32	-	-	-	-	-	-	-	100	-	-
Kansas Gas & Electric Co	-	-	-	-	-	-	-	-	669	198.4	1.98	-	-	100
Evans (KS)	-	-	-	-	-	-	-	-	304	213.0	2.05	-	-	100
Gill (KS)	-	-	-	-	-	-	-	-	365	186.9	1.92	-	-	100
Kansas Power & Light Co	798	131.0	23.12	.38	-	-	-	-	1,044	142.5	1.39	93	-	7
Hutchinson (KS)	-	-	-	-	-	-	-	-	1,021	142.5	1.39	-	-	100
Jeffrey Energy Cnt (KS)	646	132.2	22.14	.36	-	-	-	-	-	-	-	100	-	-
Lawrence (KS)	120	126.5	27.31	.46	-	-	-	-	21	139.3	1.43	99	-	1
Tecumseh (KS)	32	129.1	27.15	.48	-	-	-	-	3	173.4	1.80	100	-	-
Kentucky Power Co (AEP)	283	121.0	28.92	1.08	7	439.1	25.57	.00	-	-	-	99	1	-
Big Sandy (KY)	283	121.0	28.92	1.08	7	439.1	25.57	.00	-	-	-	99	1	-
Kentucky Utilities Co	559	126.5	30.82	1.40	7	499.2	29.35	.40	-	-	-	100	-	-
Brown (KY)	97	117.0	28.83	2.41	-	-	-	-	-	-	-	100	-	-
Ghent (KY)	418	130.5	31.88	1.11	7	499.2	29.35	.40	-	-	-	100	-	-
Green River (KY)	44	109.4	25.11	1.89	-	-	-	-	-	-	-	100	-	-
Lafayette City Of	-	-	-	-	-	-	-	-	328	170.8	1.78	-	-	100
Bonin (LA)	-	-	-	-	-	-	-	-	328	170.8	1.78	-	-	100
Lake Worth City Of	-	-	-	-	-	-	-	-	93	228.0	2.35	-	-	100
Tom G Smith (FL)	-	-	-	-	-	-	-	-	93	228.0	2.35	-	-	100
Lakeland City Of	73	211.7	51.21	.98	13	250.4	15.69	1.92	356	243.5	2.51	80	4	17
Larsen Mem (FL)	-	-	-	-	-	-	-	-	4	243.5	2.51	-	-	100
Plant 3-Mcintosh (FL)	73	211.7	51.21	.98	13	250.4	15.69	1.92	352	243.5	2.51	80	4	16
Lansing City Of	76	185.4	48.11	.88	1	442.0	25.62	.29	-	-	-	100	-	-
Eckert (MI)	42	187.0	48.42	.90	-	442.0	25.62	.29	-	-	-	100	-	-
Erickson (MI)	33	183.3	47.72	.86	-	442.0	25.62	.29	-	-	-	100	-	-
Long Island Lighting Co	-	-	-	-	610	230.9	14.57	.89	3,055	206.7	2.13	-	55	45
Barrett (NY)	-	-	-	-	35	289.7	18.14	.34	1,846	207.7	2.15	-	10	90
Far Rockaway (NY)	-	-	-	-	18	288.8	18.01	.29	309	215.8	2.23	-	26	74
Glenwood (NY)	-	-	-	-	-	-	-	-	900	201.4	2.08	-	-	100
Northport (NY)	-	-	-	-	280	223.6	14.07	.95	-	-	-	100	-	-
Port Jefferson (NY)	-	-	-	-	277	227.1	14.40	.93	-	-	-	100	-	-
Los Angeles City Of	415	140.7	32.95	.53	-	-	-	-	2,774	395.1	4.11	77	-	23

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Los Angeles City Of														
Harbor (CA)	-	-	-	-	-	-	-	-	3	395.1	4.10	-	-	100
Haynes (CA)	-	-	-	-	-	-	-	-	1,130	395.1	4.12	-	-	100
Intermountain (UT)	415	140.7	32.95	0.53	-	-	-	-	-	-	-	100	-	-
Scattergood (CA)	-	-	-	-	-	-	-	-	1,612	395.1	4.10	-	-	100
Valley (CA)	-	-	-	-	-	-	-	-	29	395.1	4.39	-	-	100
Louisiana Power & Light Co (MSU)														
Little Gypsy (LA)	-	-	-	-	10	421.6	25.77	0.58	8,691	134.3	1.40	-	1	99
Nine Mile (LA)	-	-	-	-	1	497.5	29.36	.26	3,084	127.3	1.34	-	*	100
Sterlington (LA)	-	-	-	-	4	448.1	27.75	.44	3,915	128.1	1.34	-	1	99
Waterford (LA)	-	-	-	-	2	515.0	29.55	.34	131	173.7	1.82	-	8	92
Waterford (LA)	-	-	-	-	3	307.1	19.42	1.02	1,561	160.7	1.67	-	1	99
Louisville Gas & Electric Co														
Cane Run (KY)	444	111.6	25.60	3.08	*	510.7	30.03	.51	8	324.6	3.33	100	*	*
Mill Creek (KY)	111	118.7	26.90	2.89	*	510.7	30.03	.51	4	324.6	3.33	100	*	*
Mill Creek (KY)	333	109.3	25.17	3.14	-	-	-	-	4	324.6	3.33	100	-	*
Lower Colorado River Authority														
Gideon (TX)	479	127.6	21.82	.43	1	391.1	23.16	.00	2,627	160.9	1.66	75	*	25
S Seymour-Fayette (TX)	-	-	-	-	-	-	-	-	1,316	162.6	1.64	-	-	100
T C Ferguson (TX)	479	127.6	21.82	.43	1	391.1	23.16	.00	-	-	-	100	*	-
T C Ferguson (TX)	-	-	-	-	-	-	-	-	1,311	159.4	1.69	-	-	100
Lubbock City Of														
Holly Ave (TX)	-	-	-	-	-	-	-	-	667	201.0	2.01	-	-	100
Holly Ave (TX)	-	-	-	-	-	-	-	-	667	201.0	2.01	-	-	100
Madison Gas & Electric Co														
Blount (WI)	6	163.2	39.34	2.19	-	-	-	-	32	275.7	2.77	82	-	18
Blount (WI)	6	163.2	39.34	2.19	-	-	-	-	32	275.7	2.77	82	-	18
Marquette City Of														
Shiras (MI)	18	178.9	31.67	.53	-	-	-	-	-	-	-	100	-	-
Shiras (MI)	18	178.9	31.67	.53	-	-	-	-	-	-	-	100	-	-
Metropolitan Edison Co (GPS)														
Portland (PA)	63	161.9	42.89	1.80	3	421.6	24.63	.11	-	-	-	99	1	-
Portland (PA)	43	157.8	41.59	1.90	2	424.3	24.86	.10	-	-	-	99	1	-
Titus (PA)	20	170.6	45.71	1.58	1	416.4	24.19	.12	-	-	-	99	1	-
Michigan South Central Pwr Agcy ...														
Project 1 (MI)	19	206.9	48.45	3.46	*	444.7	24.84	.20	-	-	-	100	*	-
Project 1 (MI)	19	206.9	48.45	3.46	*	444.7	24.84	.20	-	-	-	100	*	-
Minnesota Power & Light Co														
Aurora-Syl Laskin (MN)	309	146.2	25.59	.63	3	428.5	24.66	.00	-	-	-	100	*	-
Aurora-Syl Laskin (MN)	4	178.1	31.06	.69	-	-	-	-	-	-	-	100	-	-
Boswell (MN)	306	145.9	25.52	.63	3	428.5	24.66	.00	-	-	-	100	*	-
Minnkota Power Coop Inc														
Young (ND)	388	46.7	6.34	1.21	*	457.0	26.87	.40	-	-	-	100	*	-
Young (ND)	388	46.7	6.34	1.21	*	457.0	26.87	.40	-	-	-	100	*	-
Mississippi Power & Light Co														
(MSU)	-	-	-	-	23	256.8	16.28	.00	511	166.3	1.78	-	21	79
Brown (MS)	-	-	-	-	-	-	-	-	509	166.3	1.78	-	-	100
Wilson (MS)	-	-	-	-	23	256.8	16.28	.00	2	167.1	1.73	-	99	1
Mississippi Power Co (SC)														
Daniel (MS)	382	155.2	38.53	1.92	-	-	-	-	1,612	173.2	1.80	85	-	15
Daniel (MS)	134	166.2	43.08	.70	-	-	-	-	-	-	-	100	-	-
Eaton (MS)	-	-	-	-	-	-	-	-	102	172.0	1.75	-	-	100
Sweatt (MS)	-	-	-	-	-	-	-	-	17	171.9	1.98	-	-	100
Watson (MS)	248	148.8	36.08	2.58	-	-	-	-	1,493	173.3	1.80	79	-	21
Missouri Public Service Comm														
Sibley (MO)	63	154.5	35.77	1.68	-	-	-	-	-	-	-	100	-	-
Sibley (MO)	63	154.5	35.77	1.68	-	-	-	-	-	-	-	100	-	-
Monongahela Power Co (APS)														
Albright (WV)	1,018	131.4	33.48	2.71	10	470.9	27.89	.29	10	645.1	6.45	100	*	*
Albright (WV)	51	112.0	27.48	1.74	*	461.6	27.34	.00	-	-	-	100	*	-
Ft Martin (WV)	178	149.0	37.50	1.70	6	461.0	27.30	.30	-	-	-	99	1	-
Harrison (WV)	456	136.1	35.67	3.17	*	464.8	27.53	.30	10	645.1	6.45	100	*	*
Pleasants (WV)	280	116.2	28.72	3.04	3	489.3	28.98	.30	-	-	-	100	*	-
Rivesville (WV)	12	129.1	32.38	.94	*	466.2	27.61	.30	-	-	-	99	1	-
Willow Island (WV)	41	127.5	31.88	1.37	*	492.8	29.18	.30	-	-	-	100	*	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity 1,000 tons	Average Delivered Cost		Avg. Sul- fur %	Quantity 1,000 bbls	Average Delivered Cost		Avg. Sul- fur %	Quantity 1,000 Mcf	Average Delivered Cost		Coal	Pe- tro- leum	Gas
		(Cents per 10 ⁴ Btu)	(\$ per short ton)			(Cents per 10 ⁴ Btu)	\$ per bbl			(Cents per 10 ⁴ Btu)	\$ per Mcf			
Montana Power Co	567	63.4	10.92	0.61	7	473.4	28.04	0.00	24	110.3	1.34	99	*	*
Colstrip (MT)	531	62.7	10.79	.61	7	473.4	28.04	.00	-	-	-	100	*	-
Corette (MT)	36	72.9	12.73	.58	-	-	-	-	24	110.3	1.34	96	-	4
Montana-Dakota Utilities Co	233	76.7	10.57	1.15	-	-	-	-	2	372.2	4.19	100	-	*
Coyote (ND)	208	73.3	10.08	1.18	-	-	-	-	-	-	-	100	-	-
Heskett (ND)	22	103.8	14.83	.93	-	-	-	-	-	388.5	3.92	100	-	*
Lewis and Clark (MT)	3	116.3	15.35	.44	-	-	-	-	2	372.0	4.19	93	-	7
Montaup Electric Co	51	178.8	46.90	1.12	-	-	-	-	-	-	-	100	-	-
Somerset (MA)	51	178.8	46.90	1.12	-	-	-	-	-	-	-	100	-	-
Muscatine City Of	73	181.4	40.52	3.06	-	-	-	-	3	222.0	2.22	100	-	*
Muscatine (IA)	73	181.4	40.52	3.06	-	-	-	-	3	222.0	2.22	100	-	*
Nebraska Public Power District	225	87.3	15.30	.38	-	-	-	-	19	282.1	2.50	100	-	*
Gerald Gentleman (NE)	171	89.8	15.72	.38	-	-	-	-	18	250.8	2.38	99	-	1
Sheldon (NE)	54	79.6	13.98	.39	-	-	-	-	1	438.2	4.38	100	-	*
Nevada Power Co	175	173.6	41.32	.65	26	303.6	18.95	.14	331	306.1	3.16	89	3	7
Clark (NV)	-	-	-	-	-	-	-	-	172	306.1	3.16	-	-	100
Gardner (NV)	175	173.6	41.32	.65	-	-	-	-	-	-	-	100	-	-
Sunrise (NV)	-	-	-	-	26	303.6	18.95	.14	159	306.1	3.16	-	50	50
New England Power Co (NEES)	320	173.0	45.40	1.26	1,353	243.4	15.48	1.88	504	201.1	2.07	48	49	3
Brayton (MA)	240	172.0	45.03	1.23	708	231.2	14.64	1.92	-	-	-	58	42	-
Manchester St (RI)	-	-	-	-	-	-	-	-	197	201.1	2.07	-	-	100
Salem Harbor (MA)	80	176.0	46.5	1.37	645	256.7	16.41	1.82	-	-	-	34	66	-
South St (RI)	-	-	-	-	-	-	-	-	308	201.1	2.07	-	-	100
New Orleans Public Service Inc														
(MSU)	-	-	-	-	4	285.0	18.18	1.49	2,177	164.1	1.70	-	1	99
Michoud (LA)	-	-	-	-	4	285.0	18.18	1.49	2,177	164.1	1.70	-	1	99
New York State Elec & Gas Corp	394	151.2	37.37	2.09	1	416.8	23.98	.14	-	-	-	100	*	-
Goudey (NY)	43	161.2	41.79	1.61	-	309.2	17.79	.14	-	-	-	100	*	-
Greenidge (NY)	47	159.2	39.44	1.98	1	481.4	27.70	.14	-	-	-	100	*	-
Hickling (NY)	37	153.6	31.66	1.28	-	-	-	-	-	-	-	100	-	-
Jennison (NY)	30	175.8	36.24	1.11	-	-	-	-	-	-	-	100	-	-
Milliken (NY)	85	163.4	39.46	1.90	-	-	-	-	-	-	-	100	-	-
Somerset (NY)	152	135.6	35.94	2.75	-	-	-	-	-	-	-	100	-	-
Niagara Mohawk Power Corp	388	151.8	39.91	2.00	627	249.9	15.79	1.16	2,087	229.1	2.38	62	24	13
Albany (NY)	-	-	-	-	-	-	-	-	1,682	224.3	2.33	-	-	100
Dunkirk (NY)	168	144.5	38.12	2.24	-	-	-	-	-	-	-	100	-	-
Huntley (NY)	220	157.5	41.27	1.81	-	-	-	-	-	-	-	100	-	-
Oswego (NY)	-	-	-	-	627	249.9	15.79	1.16	406	249.4	2.58	-	90	10
Northern Indiana Pub Serv Co	591	165.4	35.39	1.96	-	-	-	-	572	226.7	2.27	96	-	4
Bailly (IN)	97	135.9	30.37	3.00	-	-	-	-	9	234.9	2.35	100	-	*
Michigan City (IN)	123	157.7	34.48	1.90	-	-	-	-	74	231.2	2.31	97	-	3
Mitchell (IN)	102	142.2	27.35	.46	-	-	-	-	459	225.7	2.26	81	-	19
Rollin Schaffer (IN)	269	187.9	40.68	2.19	-	-	-	-	30	229.0	2.29	99	-	1
Northern States Power Co	971	134.1	23.48	.44	-	-	-	-	46	211.9	2.13	100	-	*
Black Dog (MN)	16	141.9	25.10	.29	-	-	-	-	10	216.6	2.18	97	-	3
High Bridge (MN)	-	-	-	-	-	-	-	-	12	185.0	1.86	-	-	100
King (MN)	159	139.4	24.46	.38	-	-	-	-	-	-	-	100	-	-
Riverside (MN)	36	102.5	17.92	.28	-	-	-	-	25	223.1	2.24	96	-	4
Sherburne County (MN)	760	134.3	23.51	.46	-	-	-	-	-	-	-	100	-	-
Ohio Edison Co	475	133.4	32.46	2.05	4	427.3	24.56	.30	-	-	-	100	*	-
Burger (OH)	84	117.0	27.55	2.95	*	457.0	26.49	.39	-	-	-	100	*	-
Edgewater (OH)	15	130.8	31.10	2.59	*	399.2	23.07	.21	-	-	-	99	1	-
Gorge Steam (OH)	9	129.4	32.75	2.14	*	422.3	24.54	.23	-	-	-	100	*	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Ohio Edison Co														
Niles (OH)	44	107.8	25.80	2.65	*	429.3	24.91	0.29	-	-	-	100	*	-
Sammis (OH)	307	142.1	35.00	1.62	3	427.3	24.45	.31	-	-	-	100	*	-
Toronto (OH)	15	122.2	28.94	3.43	*	442.7	25.56	.26	-	-	-	100	*	-
Ohio Power Co (AEP)	1,153	175.8	40.77	3.41	16	445.1	25.84	.00	-	-	-	100	*	-
Gavin (OH)	541	184.7	42.41	3.17	-	-	-	-	-	-	-	100	-	-
Kammer (WV)	171	128.0	30.95	4.12	*	482.2	27.34	.00	-	-	-	100	*	-
Mitchell (WV)	124	208.7	49.08	1.42	12	445.5	26.02	.00	-	-	-	98	2	-
Muskingum (OH)	317	174.7	39.99	4.23	4	442.3	25.23	.00	-	-	-	100	*	-
Ohio Valley Electric Corp	319	120.8	28.65	3.67	*	462.8	26.84	.18	-	-	-	100	*	-
Kyger Creek (OH)	319	120.8	28.65	3.67	*	462.8	26.84	.18	-	-	-	100	*	-
Oklahoma Gas & Electric Co	485	140.8	25.70	.47	-	-	-	-	7,391	282.5	2.93	54	-	46
Horseshoe Lake (OK)	-	-	-	-	-	-	-	-	2,287	282.5	2.93	-	-	100
Muskogee (OK)	205	141.1	26.39	.51	-	-	-	-	648	282.5	2.93	85	-	15
Mustang (OK)	-	-	-	-	-	-	-	-	796	282.5	2.93	-	-	100
Seminole (OK)	-	-	-	-	-	-	-	-	3,660	282.5	2.93	-	-	100
Sooner (OK)	281	140.6	25.20	.44	-	-	-	-	-	-	-	100	-	-
Omaha Public Power District	320	65.9	10.85	.35	-	-	-	-	19	267.6	2.64	100	-	*
Nebraska City (NE)	177	66.4	10.87	.32	-	-	-	-	-	-	-	100	-	-
North Omaha (NE)	143	65.3	10.83	.40	-	-	-	-	19	267.6	2.64	99	-	1
Orange & Rockland Utils Inc	27	214.7	56.48	.53	597	273.9	17.10	.30	2,834	239.0	2.48	10	51	40
Bowline (NY)	-	-	-	-	597	273.9	17.10	.30	2,534	237.1	2.46	-	59	41
Lovett (NY)	27	214.7	56.48	.53	-	-	-	-	300	254.6	2.64	70	-	30
Orlando Utilities Comm	61	191.6	49.00	.73	-	-	-	-	2,190	222.5	2.29	41	-	59
Indian River (FL)	-	-	-	-	-	-	-	-	2,190	222.5	2.29	-	-	100
Stanton Energy (FL)	61	191.6	49.00	.73	-	-	-	-	-	-	-	100	-	-
Otter Tail Power Co	182	112.0	13.52	1.00	2	424.3	24.95	.31	-	-	-	99	1	-
Big Stone (SD)	182	112.0	13.52	1.00	2	424.3	24.95	.31	-	-	-	99	1	-
Owensboro City Of	78	112.0	23.93	2.94	*	576.1	33.39	.38	-	-	-	100	*	-
Smith (KY)	78	112.0	23.93	2.94	*	576.1	33.39	.38	-	-	-	100	*	-
Pacific Gas & Electric Co	-	-	-	-	-	-	-	-	17,946	295.6	3.03	-	-	100
Contra Costa (CA)	-	-	-	-	-	-	-	-	932	295.6	3.01	-	-	100
Humboldt Bay (CA)	-	-	-	-	-	-	-	-	167	295.6	3.02	-	-	100
Hunters Point (CA)	-	-	-	-	-	-	-	-	1,983	295.6	3.01	-	-	100
Morro Bay (CA)	-	-	-	-	-	-	-	-	3,946	295.6	3.06	-	-	100
Moss Landing (CA)	-	-	-	-	-	-	-	-	5,042	295.6	3.05	-	-	100
Pittsburg (CA)	-	-	-	-	-	-	-	-	5,771	295.6	3.01	-	-	100
Potrero (CA)	-	-	-	-	-	-	-	-	105	295.6	3.01	-	-	100
Pacific Power & Light Co	2,487	96.6	18.54	.62	9	489.1	28.79	.30	7	312.0	3.23	100	*	*
Carbon (UT)	59	95.6	22.80	.57	-	-	-	-	-	-	-	100	-	-
Centralia (WA)	424	161.9	26.29	.85	4	520.2	30.81	.30	-	-	-	100	-	-
Emery-Hunter (UT)	467	73.0	16.44	.48	2	460.6	27.08	.30	-	-	-	100	-	-
Huntington (UT)	236	78.5	18.05	.49	2	463.2	27.24	.30	-	-	-	100	-	-
Jim Bridger (WY)	591	106.3	20.76	.62	-	-	-	-	-	-	-	100	-	-
Johnston (WY)	356	61.6	9.82	.41	1	472.5	27.24	.30	-	-	-	100	-	-
Naughton (WY)	188	118.5	22.83	.98	-	-	-	-	7	312.0	3.23	100	-	*
Wyodak (WY)	166	61.1	9.77	.64	-	-	-	-	-	-	-	100	-	-
Painesville City Of	6	137.4	33.77	3.40	-	-	-	-	1	440.0	4.40	100	-	*
Painesville (OH)	6	137.4	33.77	3.40	-	-	-	-	1	440.0	4.40	100	-	*
Pasadena City Of	-	-	-	-	11	259.8	16.50	.20	314	275.3	2.82	-	18	82
Broadway (CA)	-	-	-	-	11	259.8	16.50	.20	314	275.3	2.82	-	18	82
Pennsylvania Electric Co (GPS)	1,663	144.3	34.69	1.80	5	441.3	25.72	.05	-	-	-	100	*	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
Pennsylvania Electric Co (GPS)														
Conemaugh (PA)	451	155.9	38.53	2.26	1	436.2	25.43	0.05	-	-	-	100	*	-
Front St (PA)	25	146.5	36.07	1.76	-	-	-	-	-	-	-	100	-	-
Homer City (PA)	571	149.5	34.66	1.63	1	431.6	25.16	.05	-	-	-	100	*	-
Keystone (PA)	406	134.2	32.62	1.50	1	443.0	25.83	.05	-	-	-	100	*	-
Seward (PA)	61	139.4	33.68	1.56	1	434.4	25.32	.05	-	-	-	100	*	-
Shawville (PA)	135	117.0	28.43	1.90	1	461.1	26.88	.05	-	-	-	100	*	-
Warren (PA)	14	136.8	34.16	1.98	-	-	-	-	-	-	-	100	-	-
Pennsylvania Power & Light Co														
Brunner Island (PA)	394	182.9	45.17	2.01	6	429.9	25.15	.11	-	-	-	100	*	-
Holtwood (PA)	37	104.8	16.35	.71	-	-	-	-	-	-	-	100	-	-
Martins Creek (PA)	68	172.2	44.20	1.80	-	-	-	-	-	-	-	100	-	-
Montour (PA)	363	167.0	41.91	1.82	-	-	-	-	-	-	-	100	-	-
Storage Facility #1	-	-	-	-	302	222.5	14.12	.92	-	-	-	-	100	-
Sunbury (PA)	113	132.1	27.89	1.74	-	-	-	-	-	-	-	100	-	-
Pennsylvania Power Co														
Bruce Mansfield (PA)	557	149.0	36.15	4.14	-	-	-	-	-	-	-	100	*	-
New Castle (PA)	54	125.7	30.40	1.51	1	469.8	27.30	.23	-	-	-	100	*	-
Philadelphia Electric Co														
Cromby (PA)	22	161.9	42.65	1.41	-	-	-	-	-	-	-	100	-	-
Delaware (PA)	-	-	-	-	33	248.1	15.83	.42	-	-	-	-	100	-
Eddystone (PA)	58	164.9	43.42	1.08	34	252.8	15.89	.49	-	-	-	88	12	-
Schuylkill (PA)	-	-	-	-	7	273.2	17.12	.47	-	-	-	-	100	-
Plains Elec Gen & Trans Coop Inc														
Escalante (NM)	18	139.4	25.60	.57	-	-	-	-	2	421.3	3.62	99	-	1
	18	139.4	25.60	.57	-	-	-	-	2	421.3	3.62	99	-	1
Platte River Power Authority														
Rawhide (CO)	102	72.3	12.63	.32	-	-	-	-	-	-	-	100	-	-
	102	72.3	12.63	.32	-	-	-	-	-	-	-	100	-	-
Potomac Edison Co (APS)														
Smith (MD)	11	154.5	37.58	.96	1	408.1	24.17	.30	-	-	-	99	1	-
	11	154.5	37.58	.96	1	408.1	24.17	.30	-	-	-	99	1	-
Potomac Electric Power Co														
Benning (DC)	546	171.4	43.15	1.54	72	360.1	21.34	.56	148	234.4	2.45	96	3	1
Chalk (MD)	-	-	-	-	39	313.6	18.91	.86	-	-	-	-	100	-
Dickerson (MD)	186	175.2	44.34	1.77	16	425.6	24.71	.20	148	234.4	2.45	95	2	3
Morgantown (MD)	129	148.5	37.18	1.47	2	403.8	23.42	.20	-	-	-	100	*	-
Potomac River (VA)	159	177.7	44.60	1.69	13	412.6	23.92	.20	-	-	-	98	2	-
	72	188.1	47.53	.73	2	395.6	22.84	.20	-	-	-	99	1	-
Power Authority Of State Of NY														
Poletti (NY)	-	-	-	-	160	260.0	16.34	.27	1,996	227.0	2.34	-	33	67
	-	-	-	-	160	260.0	16.34	.27	1,996	227.0	2.34	-	33	67
Public Service Co Of Colorado														
Arapahoe (CO)	553	114.6	22.04	.38	2	433.6	24.95	.35	234	210.8	2.07	98	*	2
Cameo (CO)	44	111.4	24.61	.43	-	-	-	-	5	208.4	2.04	100	-	*
Cherokee (CO)	19	94.8	22.00	.57	-	-	-	-	3	357.3	3.58	99	-	1
Comanche (CO)	194	117.3	25.29	.41	-	-	-	-	197	202.5	1.99	96	-	4
Comanche (CO)	125	122.1	20.63	.32	2	433.6	24.95	.35	1	196.4	1.99	100	*	*
Pawnee (CO)	158	109.9	18.29	.36	1	433.6	24.95	.35	-	-	-	100	*	-
Valmont (CO)	13	105.7	23.55	.42	-	-	-	-	7	385.8	3.88	98	-	2
Zuni (CO)	-	-	-	-	-	-	-	-	21	208.4	2.04	-	-	100
Public Service Co Of IN Inc														
Cayuga (IN)	1,132	147.5	32.09	2.35	7	428.0	24.63	.30	-	-	-	100	*	-
Gallagher (IN)	228	118.7	25.89	2.26	-	-	-	-	-	-	-	100	-	-
Gibson Station (IN)	129	134.6	29.46	2.29	4	426.6	24.55	.30	-	-	-	99	1	-
Noblesville (IN)	665	163.3	35.44	2.44	2	419.0	24.11	.30	-	-	-	100	*	-
Wabash River (IN)	8	129.5	29.04	2.16	-	-	-	-	-	-	-	100	-	-
	103	127.1	27.72	2.07	2	439.4	25.28	.30	-	-	-	100	*	-
Public Service Co Of NH														
Merrimack (NH)	67	183.6	48.35	1.68	365	192.3	12.62	1.91	-	-	-	42	58	-
Newington Station (NH)	47	178.6	47.29	2.03	-	-	-	-	-	-	-	100	-	-
Schiller (NH)	-	-	-	-	365	192.3	12.62	1.91	-	-	-	-	100	-
	20	195.8	50.89	.85	-	-	-	-	-	-	-	100	-	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity		Average Delivered Cost		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)	Avg. Sul- fur %		(Cents per 10 ⁶ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Public Service Co Of NM	601	158.6	30.75	0.90	5	487.6	27.85	1.00	10	366.1	4.01	100	*	*
Reeves (NM)	-	-	-	-	-	-	-	-	10	366.1	4.01	-	-	100
San Juan (NM)	601	158.6	30.75	.90	5	487.6	27.85	1.00	-	-	-	100	*	-
Public Service Co Of Oklahoma														
(CSW)	284	145.6	26.10	.48	-	-	-	-	4,350	311.9	3.30	53	-	47
Northeastern (OK)	284	145.6	26.10	.48	-	-	-	-	1,612	311.9	3.34	75	-	25
Riverside (OK)	-	-	-	-	-	-	-	-	2,187	311.9	3.26	-	-	100
Southwestern (OK)	-	-	-	-	-	-	-	-	551	311.9	3.35	-	-	100
Public Service Electric & Gas Co ...	143	177.4	48.83	.83	116	277.3	17.01	.26	1,245	216.1	2.24	66	12	22
Bergen (NJ)	-	-	-	-	-	-	-	-	996	216.1	2.24	-	-	100
Hudson (NJ)	59	176.7	46.37	.81	-	-	-	-	52	216.0	2.23	97	-	3
Linden (NJ)	-	-	-	-	116	277.3	17.01	.26	-	-	-	-	100	-
Mercer (NJ)	84	177.8	50.56	.84	-	-	-	-	172	216.0	2.23	93	-	7
Sewaren (NJ)	-	-	-	-	-	-	-	-	25	216.0	2.23	-	-	100
Richmond City Of	16	157.3	35.97	2.59	-	-	-	-	-	-	-	100	-	-
Whitewater (IN)	16	157.3	35.97	2.59	-	-	-	-	-	-	-	100	-	-
Rochester City Of	6	196.5	48.06	1.40	-	-	-	-	129	178.2	1.80	53	-	47
Silver Lake (MN)	6	196.5	48.06	1.40	-	-	-	-	129	178.2	1.80	53	-	47
Rochester Gas & Electric Corp	69	163.1	42.67	2.22	-	-	-	-	-	-	-	100	-	-
Rochester 3 (NY)	20	161.9	42.94	2.16	-	-	-	-	-	-	-	100	-	-
Rochester 7 (NY)	48	163.6	42.56	2.24	-	-	-	-	-	-	-	100	-	-
Ruston City Of	-	-	-	-	-	-	-	-	167	180.5	1.92	-	-	100
Steam Plant (LA)	-	-	-	-	-	-	-	-	167	180.5	1.92	-	-	100
S Mississippi Elec Pwr Assn	67	200.3	50.43	1.01	7	386.4	22.64	.27	644	164.3	1.66	71	2	27
Moselle (MS)	-	-	-	-	-	-	-	-	644	164.3	1.66	-	-	100
R D Morrow (MS)	67	200.3	50.43	1.01	7	386.4	22.64	.27	-	-	-	98	2	-
Salt River Proj Ag I & P Dist	615	134.0	28.80	.50	20	489.9	28.50	.18	730	213.1	2.22	94	1	5
Agua Fria (AZ)	-	-	-	-	-	-	-	-	710	213.1	2.22	-	-	100
Coronado (AZ)	186	212.7	41.74	.51	4	502.9	29.11	.11	-	-	-	99	1	-
Kyrene (AZ)	-	-	-	-	-	-	-	-	21	212.4	2.19	-	-	100
Navajo (AZ)	428	103.9	23.17	.49	16	487.1	28.37	.19	-	-	-	99	1	-
San Antonio City Of	281	128.1	21.32	.42	-	-	-	-	5,471	170.5	1.75	46	-	54
Braunig (TX)	-	-	-	-	-	-	-	-	2,001	170.5	1.75	-	-	100
J T Deely (TX)	281	128.1	21.32	.42	-	-	-	-	-	-	-	100	-	-
Leon Creek (TX)	-	-	-	-	-	-	-	-	14	170.5	1.74	-	-	100
Mission Rd (TX)	-	-	-	-	-	-	-	-	24	170.5	1.74	-	-	100
Sommers (TX)	-	-	-	-	-	-	-	-	3,093	170.5	1.74	-	-	100
Tuttle (TX)	-	-	-	-	-	-	-	-	338	170.5	1.81	-	-	100
San Diego Gas & Electric Co	-	-	-	-	-	-	-	-	3,289	238.6	2.45	-	-	100
Encina (CA)	-	-	-	-	-	-	-	-	1,273	238.6	2.45	-	-	100
South Bay (CA)	-	-	-	-	-	-	-	-	2,016	238.6	2.45	-	-	100
San Miguel Electric Coop Inc	267	86.9	9.35	1.92	-	-	-	-	-	-	-	100	-	-
San Miguel (TX)	267	86.9	9.35	1.92	-	-	-	-	-	-	-	100	-	-
Savannah Electric & Power Co	59	171.1	43.00	.85	-	-	-	-	64	329.0	3.38	96	-	4
Molntosh (GA)	42	173.7	43.17	.80	-	-	-	-	-	-	-	100	-	-
Port Wentworth (GA)	18	165.2	42.58	.98	-	-	-	-	50	328.3	3.37	90	-	10
Riverside (GA)	-	-	-	-	-	-	-	-	13	331.6	3.40	-	-	100
Seminole Electric Coop Inc	292	202.7	48.98	2.91	4	389.9	23.10	.10	-	-	-	100	*	-
Seminole (FL)	292	202.7	48.98	2.91	4	389.9	23.10	.10	-	-	-	100	*	-
Sierra Pacific Power Co	79	186.7	41.63	.35	2	492.5	28.65	.00	1,870	145.1	1.50	48	*	52
Fort Churchill (NV)	-	-	-	-	-	-	-	-	1,098	145.1	1.50	-	-	100

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 1990 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Avg. Sul- fur %	Quantity	Average Delivered Cost		Coal	Pe- tro- leum	Gas
	Quantity 1,000 tons	(Cents per 10 ⁴ Btu)	(\$ per short ton)		Quantity 1,000 bbls	(Cents per 10 ⁴ Btu)	\$ per bbl		Quantity 1,000 Mcf	(Cents per 10 ⁴ Btu)	\$ per Mcf			
Sierra Pacific Power Co														
North Valmy (NV)	79	186.7	41.63	0.35	2	492.5	28.65	0.00	-	-	-	99	1	-
Tracy (NV)	-	-	-	-	-	-	-	-	772	145.1	1.50	-	-	100
Sikeston City Of	40	162.8	36.92	2.69	1	460.9	27.29	.26	-	-	-	99	1	-
Sikeston (MO)	40	162.8	36.92	2.69	1	460.9	27.29	.26	-	-	-	99	1	-
South Carolina Electric & Gas Co ..	344	167.0	42.73	1.19	5	414.0	24.00	.20	12	383.8	3.95	100	*	*
Cariadys (SC)	62	175.5	45.11	1.21	-	-	-	-	7	429.0	4.41	100	-	*
Hagood (SC)	-	-	-	-	-	-	-	-	3	195.7	2.01	-	-	100
Mcmeekin (SC)	49	163.2	42.88	1.21	-	-	-	-	-	-	-	100	-	-
Urguhart (SC)	50	166.1	41.84	1.15	-	-	-	-	3	439.0	4.52	100	-	*
Wateree (SC)	138	164.9	41.94	1.19	5	414.0	24.00	.20	-	-	-	99	1	-
Williams (SC)	46	166.9	42.71	1.24	-	-	-	-	-	-	-	100	-	-
South Carolina Pub Serv Auth	451	180.7	45.09	1.18	-	-	-	-	-	-	-	100	-	-
Cross (SC)	137	179.8	44.60	1.15	-	-	-	-	-	-	-	100	-	-
Grainger (SC)	4	169.0	44.82	1.79	-	-	-	-	-	-	-	100	-	-
Jefferies (SC)	81	183.8	45.73	1.62	-	-	-	-	-	-	-	100	-	-
Winyah (SC)	229	180.3	45.16	1.03	-	-	-	-	-	-	-	100	-	-
Southern California Edison Co	182	165.0	36.19	.52	-	-	-	-	5,394	306.5	3.21	41	-	59
Alamitos (CA)	-	-	-	-	-	-	-	-	2,058	304.7	3.19	-	-	100
Cool Water (CA)	-	-	-	-	-	-	-	-	368	328.0	3.39	-	-	100
El Segundo (CA)	-	-	-	-	-	-	-	-	625	310.3	3.22	-	-	100
Etiwanda (CA)	-	-	-	-	-	-	-	-	544	310.3	3.23	-	-	100
Huntington Beach (CA)	-	-	-	-	-	-	-	-	533	297.8	3.12	-	-	100
Mandalay (CA)	-	-	-	-	-	-	-	-	481	310.2	3.40	-	-	100
Mohave (NV)	182	165.0	36.19	.52	-	-	-	-	114	265.5	2.74	97	-	3
Ormond Beach (CA)	-	-	-	-	-	-	-	-	310	310.3	3.21	-	-	100
Redondo (CA)	-	-	-	-	-	-	-	-	370	301.2	3.13	-	-	100
Southern Illinois Power Coop	63	97.6	20.69	3.34	1	429.0	24.48	.00	-	-	-	100	*	-
Marion (IL)	63	97.6	20.69	3.34	1	429.0	24.48	.00	-	-	-	100	*	-
Southern Indiana Gas & Elec Co	206	155.9	35.24	3.03	1	416.4	24.31	.39	1	320.0	3.29	100	*	*
A B Brown (IN)	87	157.1	36.35	3.27	1	411.5	24.02	.39	-	-	-	100	*	-
Culley (IN)	86	168.6	37.58	2.85	-	447.5	26.13	.39	1	320.0	3.29	100	*	-
Warrick (IN)	33	119.3	26.23	2.87	-	-	-	-	-	-	-	100	-	-
Southwestern Electric Power Co (CSW)	664	185.6	29.42	.68	-	-	-	-	1,159	188.9	1.98	90	-	10
Arsenal Hill (LA)	-	-	-	-	-	-	-	-	57	165.0	1.73	-	-	100
Filint Creek (AR)	68	144.6	24.13	.39	-	-	-	-	-	-	-	100	-	-
Pirkey (TX)	203	130.2	17.91	1.40	-	-	-	-	7	268.0	2.86	100	-	*
Welsh Station (TX)	393	216.1	36.29	.35	-	-	-	-	-	-	-	100	-	-
Wilkes (TX)	-	-	-	-	-	-	-	-	1,095	200.3	1.99	-	-	100
Southwestern Public Service Co	608	180.6	31.80	.42	-	-	-	-	3,979	189.1	1.94	72	-	28
Cunningham (NM)	-	-	-	-	-	-	-	-	1,121	161.6	1.68	-	-	100
Harrington (TX)	287	162.7	28.68	.43	-	-	-	-	33	227.0	2.27	99	-	1
Jones (TX)	-	-	-	-	-	-	-	-	651	212.5	2.24	-	-	100
Maddox (NM)	-	-	-	-	-	-	-	-	587	175.0	1.79	-	-	100
Nichols (TX)	-	-	-	-	-	-	-	-	828	215.5	2.14	-	-	100
Plant X (TX)	-	-	-	-	-	-	-	-	748	190.4	1.95	-	-	100
Tolk (TX)	321	196.7	34.58	.41	-	-	-	-	11	227.0	2.33	100	-	*
Springfield City Of	76	137.3	31.70	1.68	-	-	-	-	2	158.5	1.62	100	-	*
James River (MO)	41	137.6	31.71	1.62	-	-	-	-	1	159.6	1.61	100	-	*
Southwest (MO)	35	136.9	31.70	1.76	-	-	-	-	2	158.0	1.62	100	-	*
Springfield City Of	76	136.4	28.52	3.02	-	-	-	-	-	-	-	100	-	-
Dallman (IL)	75	136.4	28.52	3.02	-	-	-	-	-	-	-	100	-	-
Lakeside (IL)	1	136.4	28.52	3.02	-	-	-	-	-	-	-	100	-	-

See notes and footnotes at end of table.

Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant, May 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			
St Joseph Light & Power Co	16	130.8	31.02	3.03	-	-	-	-	30	163.3	1.68	92	-	8
Lakeroad (MO)	16	130.8	31.02	3.03	-	-	-	-	30	163.3	1.68	92	-	8
Sunflower Electric Coop Inc	91	90.3	15.22	.33	-	-	-	-	6	123.0	.98	100	-	*
Holcomb (KS)	91	90.3	15.22	.33	-	-	-	-	6	123.0	.98	100	-	*
Tallahassee City Of	-	-	-	-	-	-	-	-	1,338	201.0	2.09	-	-	100
Hopkins (FL)	-	-	-	-	-	-	-	-	1,047	201.0	2.09	-	-	100
Purdom (FL)	-	-	-	-	-	-	-	-	291	201.0	2.09	-	-	100
Tampa Electric Co	564	180.6	44.36	2.29	*	419.1	24.29	0.00	-	-	-	100	*	-
Big Bend (FL)	534	177.0	43.38	2.35	-	-	-	-	-	-	-	100	-	-
Gannon (FL)	30	242.2	62.01	1.18	*	419.1	24.29	.00	-	-	-	100	*	-
Taunton City Of	-	-	-	-	8	237.5	15.00	.96	9	250.0	2.58	-	84	16
Clary (MA)	-	-	-	-	8	237.5	15.00	.96	9	250.0	2.58	-	84	16
Tennessee Valley Authority	3,378	129.2	30.19	2.36	7	397.6	23.07	.50	-	-	-	100	*	-
Allen (TN)	80	114.8	28.56	2.01	-	-	-	-	-	-	-	100	-	-
Bull Run (TN)	220	213.6	49.28	.90	-	-	-	-	-	-	-	100	-	-
Colbert (AL)	176	121.9	28.26	1.69	-	-	-	-	-	-	-	100	-	-
Cumberland (TN)	486	133.6	30.70	2.72	3	387.0	22.51	.50	-	-	-	100	*	-
Gallatin (TN)	209	121.6	29.38	2.65	-	-	-	-	-	-	-	100	-	-
Johnsonville (TN)	241	133.4	30.96	1.83	-	-	-	-	-	-	-	100	-	-
Kingston (TN)	360	125.3	31.30	1.39	1	382.5	22.15	.50	-	-	-	100	*	-
Paradise (KY)	771	109.8	24.13	3.82	2	425.7	24.71	.50	-	-	-	100	*	-
Sevier (TN)	186	125.6	32.01	1.68	-	-	-	-	-	-	-	100	-	-
Shawnee (KY)	329	128.5	30.58	1.45	1	393.4	22.77	.50	-	-	-	100	*	-
Widows Creek (AL)	322	126.2	30.10	2.53	1	382.6	22.03	.50	-	-	-	100	*	-
Texas Municipal Power Agency	343	160.2	14.59	1.33	-	-	-	-	-	-	-	100	-	-
Gibbons Creek (TX)	343	160.2	14.59	1.33	-	-	-	-	-	-	-	100	-	-
Texas Utilities Electric Co (TU)	2,436	101.5	13.22	.78	16	390.4	22.63	.50	28,924	234.0	2.43	51	*	49
Big Brown (TX)	456	94.8	12.59	.77	-	-	-	-	135	234.0	2.54	98	-	2
Collin (TX)	-	-	-	-	-	-	-	-	248	234.0	2.41	-	-	100
Dallas (TX)	-	-	-	-	-	-	-	-	69	234.0	2.42	-	-	100
Decordova (TX)	-	-	-	-	-	-	-	-	1,304	234.0	2.43	-	-	100
Eagle Mountain (TX)	-	-	-	-	-	-	-	-	546	234.0	2.42	-	-	100
Graham (TX)	-	-	-	-	-	-	-	-	1,045	234.0	2.67	-	-	100
Handley (TX)	-	-	-	-	-	-	-	-	1,458	234.0	2.39	-	-	100
Lake Creek (TX)	-	-	-	-	-	-	-	-	581	234.0	2.53	-	-	100
Lake Hubbard (TX)	-	-	-	-	-	-	-	-	3,221	234.0	2.44	-	-	100
Martin Lake (TX)	828	129.5	18.14	1.11	12	390.4	22.63	.50	-	-	-	99	1	-
Monticello (TX)	1,089	81.8	9.96	.51	4	390.4	22.63	.50	-	-	-	100	*	-
Morgan Creek (TX)	-	-	-	-	-	-	-	-	2,581	234.0	2.38	-	-	100
Mountain Creek (TX)	-	-	-	-	-	-	-	-	1,285	234.0	2.41	-	-	100
North Lake (TX)	-	-	-	-	-	-	-	-	1,543	234.0	2.39	-	-	100
North Main (TX)	-	-	-	-	-	-	-	-	101	234.0	2.41	-	-	100
Parkdale (TX)	-	-	-	-	-	-	-	-	922	234.0	2.37	-	-	100
Permian Basin (TX)	-	-	-	-	-	-	-	-	976	234.0	2.45	-	-	100
River Crest (TX)	-	-	-	-	-	-	-	-	103	234.0	2.58	-	-	100
Sandow No 4 (TX)	63	74.9	0.64	1.11	-	-	-	-	-	-	-	100	-	-
Stryker (TX)	-	-	-	-	-	-	-	-	2,995	234.0	2.45	-	-	100
Tradinghouse (TX)	-	-	-	-	-	-	-	-	6,147	234.0	2.39	-	-	100
Trinidad (TX)	-	-	-	-	-	-	-	-	663	234.0	2.46	-	-	100
Valley (TX)	-	-	-	-	-	-	-	-	3,001	234.0	2.49	-	-	100
Toledo Edison Co	109	194.1	50.77	1.23	1	420.6	24.36	.42	2	330.1	3.38	100	*	*
Acme (OH)	14	169.0	44.03	.77	-	-	-	-	2	330.1	3.38	99	-	1
Bay Shore (OH)	95	197.8	51.76	1.30	1	420.6	24.36	.42	-	-	-	100	*	-
Tucson Electric Power Co	11	274.0	57.74	.53	-	-	-	-	4	279.9	2.88	98	-	2
Irvington (AZ)	11	274.0	57.74	.53	-	-	-	-	4	279.9	2.88	98	-	2

See notes and footnotes at end of table.

**Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
May 1990 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Quantity 1,000 tons	Average Delivered Cost		Avg. Sul- fur %	Quantity 1,000 bbls	Average Delivered Cost		Avg. Sul- fur %	Quantity 1,000 Mcf	Average Delivered Cost		Coal	Pe- tro- leum	Gas
		(Cents per 10 ⁶ Btu)	(\$ per short ton)			(Cents per 10 ⁶ Btu)	\$ per bbl			(Cents per 10 ⁶ Btu)	\$ per Mcf			
Union Electric Co	830	148.9	32.39	2.00	-	-	-	-	8	220.1	2.23	100	-	*
Labadie (MO)	419	141.3	31.97	2.62	-	-	-	-	-	-	-	100	-	-
Meramec (MO)	32	189.2	44.72	1.28	-	-	-	-	4	331.0	3.35	99	-	1
Rush Island (MO)	230	136.6	26.31	.78	-	-	-	-	-	-	-	100	-	-
Sioux (MO)	149	177.5	40.29	2.25	-	-	-	-	-	-	-	100	-	-
Venice No.2 (IL)	-	-	-	-	-	-	-	-	4	109.0	1.10	-	-	100
United Illuminating Co	120	212.0	55.98	.54	547	230.4	14.63	0.95	-	-	-	48	52	-
Bridgeport Harbor (CT)	120	212.0	55.98	.54	183	225.5	14.30	.99	-	-	-	73	27	-
English (CT)	-	-	-	-	11	252.3	16.06	.97	-	-	-	-	100	-
New Haven Hbr (CT)	-	-	-	-	352	232.2	14.75	.92	-	-	-	-	100	-
United Power Assn	101	102.9	14.11	.96	*	449.7	25.88	.40	-	-	-	100	*	-
Stanton (ND)	101	102.9	14.11	.96	*	449.7	25.88	.40	-	-	-	100	*	-
Vero Beach City Of	-	-	-	-	-	-	-	-	248	238.9	2.45	-	-	100
Vero Beach (FL)	-	-	-	-	-	-	-	-	248	238.9	2.45	-	-	100
Vineland City Of	-	-	-	-	8	257.7	16.38	.91	-	-	-	-	100	-
H M Down (NJ)	-	-	-	-	8	257.7	16.38	.91	-	-	-	-	100	-
Virginia Electric & Power Co	676	150.9	37.55	1.38	5	390.2	22.95	.20	-	-	-	100	*	-
Bremo Bluff (VA)	-	-	-	-	*	380.7	22.39	.20	-	-	-	-	100	-
Chesapeake Energy (VA)	36	150.2	39.00	1.05	-	-	-	-	-	-	-	100	-	-
Chesterfield (VA)	212	150.1	38.29	1.03	4	391.0	22.99	.20	-	-	-	100	*	-
Mount Storm (WV)	362	150.4	36.67	1.68	-	-	-	-	-	-	-	100	-	-
Possum Point (VA)	67	155.9	39.20	1.07	-	-	-	-	-	-	-	100	-	-
West Penn Power Co (APS)	342	138.3	35.21	1.88	1	451.9	26.76	.27	3	372.4	3.72	100	*	*
Armstrong (PA)	86	126.6	31.39	1.71	*	454.2	26.90	.27	-	-	-	100	*	-
Hatfield (PA)	213	145.1	37.54	1.90	*	446.2	26.42	.27	-	-	-	100	*	-
Mitchell (PA)	43	126.9	31.31	2.12	-	-	-	-	3	372.4	3.72	100	-	*
West Texas Utilities Co (CSW)	248	181.1	29.63	.33	3	564.0	32.85	.66	3,472	152.7	1.56	53	*	47
Fort Phantom (TX)	-	-	-	-	-	-	-	-	1,769	147.6	1.50	-	-	100
Oak Creek (TX)	-	-	-	-	-	-	-	-	352	153.0	1.72	-	-	100
Oklaunion (TX)	248	181.1	29.63	.33	3	564.0	32.85	.66	-	-	-	100	*	-
Paint Creek (TX)	-	-	-	-	-	-	-	-	301	202.3	2.21	-	-	100
Rio Pecos (TX)	-	-	-	-	-	-	-	-	896	142.2	1.35	-	-	100
San Angelo (TX)	-	-	-	-	-	-	-	-	154	161.2	1.87	-	-	100
Western Farmers Elec Coop Inc	73	196.8	34.06	.46	-	-	-	-	99	184.9	1.97	92	-	8
Hugo (OK)	73	196.8	34.06	.46	-	-	-	-	-	-	-	100	-	-
Mooreland (OK)	-	-	-	-	-	-	-	-	99	184.9	1.97	-	-	100
Western Massachusetts Elec Co (NU)	-	-	-	-	44	264.3	16.77	.87	322	210.4	2.17	-	45	55
West Springfield (MA)	-	-	-	-	44	264.3	16.77	.87	322	210.4	2.17	-	45	55
Wisconsin Electric Power Co	909	132.1	27.00	.75	15	381.4	22.35	.35	143	299.9	3.02	99	*	1
Oak Creek (WI)	173	154.7	39.47	1.54	-	-	-	-	103	322.9	3.25	98	-	2
Pleasant Prairie (WI)	439	87.5	14.81	.36	-	-	-	-	31	230.5	2.35	100	-	*
Port Washington (WI)	16	166.4	43.68	1.79	-	-	-	-	-	-	-	100	-	-
Presque Isle (MI)	236	167.2	36.38	.68	-	-	-	-	-	-	-	100	-	-
Storage Facility #1	-	-	-	-	15	381.4	22.35	.35	-	-	-	-	100	-
Valley (WI)	44	163.0	43.04	1.57	-	-	-	-	9	279.9	2.82	99	-	1
Wisconsin Power & Light Co	581	139.2	25.75	.72	-	-	-	-	-	-	-	100	-	-
Columbia (WI)	285	135.5	23.38	.51	-	-	-	-	-	-	-	100	-	-
Edgewater (WI)	202	139.1	26.64	.96	-	-	-	-	-	-	-	100	-	-
Nelson Dewey (WI)	74	135.2	27.57	.45	-	-	-	-	-	-	-	100	-	-
Rock River (WI)	20	193.4	43.61	2.21	-	-	-	-	-	-	-	100	-	-
Wisconsin Public Service Corp	222	172.7	37.72	1.20	-	-	-	-	35	280.4	2.81	99	-	1
Pulliam (WI)	111	175.8	42.02	1.75	-	-	-	-	26	280.4	2.81	99	-	1
Weston (WI)	111	169.0	33.42	.65	-	-	-	-	9	280.4	2.82	100	-	*

See notes and footnotes at end of table.

**Table 40. Quantity, Cost, and Quality of Fossil-Fuel Receipts by Company and Plant,
May 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			
Wyandotte Municipal Serv Comm ... Wyandotte (MI)	30 30	190.0 190.0	50.86 50.86	0.69 .69	- -	- -	- -	- -	- -	- -	- -	100 100	- -	- -
U.S. Total	64,958	147.5	30.99	1.36	15,551	250.8	15.81	1.04	220,164	² 212.4	2.18	81	6	13

¹ The May 1990 petroleum coke receipts were 65,600 short tons and the cost was 77.8 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

This discussion was prepared for publication in the *Electric Power Monthly* by the Office of Energy Emergency Operations (under the Assistant Secretary for International Affairs and Energy Emergencies).

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 DOE is concerned that the operation of the bulk power system in the United States shall 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, while annoying to the customers affected, 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. By collecting data on major incidents, the Department is able to monitor the bulk power supply and provide a focus on those matters that may need investigation.

Suggestions regarding the reporting requirements, regulations, procedures or any other phase of the Power System Emergency Reporting elements are welcomed. Comments can be addressed to the Office of Energy Emergency Operations (IE-24), Department of Energy, 1000 Independent Avenue, S.W., Washington, D.C. 20585.

**Table A1. Major Disturbances and Unusual Occurrences,
January through June 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)	Bird ¹	400	61,000	10:00 AM Same Day
1/08/90	2:30 AM	City of Richland, Washington	Richland Municipal Richland, WA (WSCC)	Storm ²	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 ⁹	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	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 June 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
6/19/90	9:45 PM	Wichita area, Kansas	Kansas Gas and Electric Company (SPP)	Storm ²⁹	500	60,000	6/21/90
6/27/90	2:00 PM	Arizona	Arizona Public Service Company (WSCC)	Forest ³⁰ fires	NA		5:00 PM Same Day

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 treatments 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 totalled 3,535 megawatts: 2,100 at Gibson, 1,225 at Petersburg and 210 at Ratts. Reclosure of undamaged lines that had tripped began at 8:28 PM on June 2 and was followed by repair work on damaged structures and equipment. As repairs were completed lines were tested and returned to service. All lines, with the exception of the Petersburg (IPL) - Breed (IM) 345-kilovolt circuit, were back in service by 11:00 AM on June 24. On that line, 22 structures required repair or replacement; return to service is estimated as to occur in December 1990. Over 100 transmission structures were damaged or destroyed by the tornadoes. In addition, the sudden tripping of Gibson Unit No. 5 caused bearing damage; return to service is scheduled for July 8, 1990. The tornadoes also struck the 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 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.

³⁰ 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.

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,

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

Source: International Affairs and Energy Emergencies, Form IE-417R, "Electric Power System Emergency Report."

Appendix B

References

Appendix B

References

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Appendix C

Technical Notes

Appendix C

Technical Notes

Sources of Data

The *Electric Power Monthly (EPM)* is prepared by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF), Energy Information Administration (EIA), U.S. Department of Energy. Data published in the *EPM* are compiled from six data sources. Three statistical forms are filed monthly and two forms are filed annually by electric utilities. Those forms are: the Form EIA-759, "Monthly Power Plant Report," the FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," the Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," the Form EIA-861, "Annual Electric Utility Report," and the Form EIA-860, "Annual Electric Generator Report." In addition, the *Electric Power Monthly* also includes data collected on the Form IE-417R, "Electric Power System Emergency Report." A brief summary of these forms is presented below.

Form EIA-759

The Form EIA-759 is a census of all operators of electric utility plants producing electric power for public use. The Form EIA-759 is used to collect monthly data on net generation, consumption of coal, petroleum, and natural gas; and end-of-the-month stocks of coal and petroleum for each plant by prime mover and fuel-type combination. Summary data from the Form EIA-759 are also contained in the *Electric Power Annual (EPA)*, *Monthly Energy Review (MER)*, and the *Annual Energy Review (AER)*. These reports present aggregated data for electric utilities at the U.S., Census division, and North American Electric Reliability Council Region (NERC) levels.

Instrument and Design History. Prior to 1936, the Bureau of the Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry. In 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Sections 311 and 312, and FPC Order 141 define the legislative authority to collect power production data.

The Form EIA-759 replaced the FPC Form 4 in January 1982.

Data Processing. The Form EIA-759, along with a return envelope, is mailed to respondents approximately 4 working days before the end of the month. The completed forms are to be returned to the EIA by the 10th day after the end of the reporting month. After receipt, data from the completed forms are manually logged in and edited before being keypunched for automatic data processing. An edit program checks the data for errors not found during manual editing. The electric utility companies are telephoned to obtain data in cases of missing reports and to verify data when questions arise during editing. After all forms are received from the respondents, the final automated edit is submitted. Following verification of the data, text and tables of aggregated data are produced for inclusion in the *EPM*. Following EIA approval of the *EPM*, the data are made available for public use, on a cost-recovery basis, through custom computer runs, data tapes, or in publications.

FERC Form 423

The Federal Energy Regulatory Commission (FERC) Form 423 is a monthly record of delivered-fuel purchases, submitted by approximately 225 electric utilities for each fossil-fuel plant with a total generator nameplate capacity of 50 or more megawatts. Summary data from the FERC Form 423 are also contained in the *EPA*, *MER*, and the *Cost and Quality of Fuels for Electric Utility Plants - Annual*. These reports present aggregated data on electric utilities at the U.S., Census division, and State levels.

Instrument and Design History. On July 7, 1972, the FPC issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, legally creating the Form 423. Originally, the form collected data only on fossil-steam plants, but was amended in 1974 to include data on internal combustion and combustion turbines. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated peaking units, which were previously collected on the FPC Form 423. In addition, the generator nameplate capacity threshold was changed from 25 megawatts to

50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. All historical FPC Form 423 data in this publication have been revised to reflect the new generator nameplate capacity threshold of 50 or more megawatts reported on the FERC Form 423.

Data Processing. A computerized mailing-address file is used to send a 6-month supply of forms to respondents semiannually. Completed forms are to be returned to the EIA by the 45th day following the end of the reporting month. Data from the completed forms are manually logged in and edited before being key-punched for automatic data processing. The electric utility companies are telephoned to obtain data in cases of missing reports and to verify data when questions arise during editing. After all forms have been received from the respondents, the final automated edit is submitted. Following verification of the data, text and tables of aggregated data are produced for inclusion in the *EPM*. After the *EPM* is cleared by the EIA, the data become available for public use, on a cost-recovery basis, through custom computer runs, data tapes, or in publications.

Form EIA-826

The Form EIA-826 is a monthly collection of data from a statistically derived sample of over 400 privately and publicly owned electric utilities. The Form EIA-826 provides some financial data to the Department of Commerce for use in calculating the Gross National Product and construction costs. The electric power sales data are used by the Federal Reserve Board in their economic analyses.

Instrument and Design History. The collection of electric power sales, revenue, and income data began in the early 1940's and was established as FPC Form 5 by FPC Order 141 in 1947. In 1980, the report was revised with only selected income items remaining and became the FERC Form 5. The Form EIA-826 replaced the FERC Form 5 in January 1983. In January 1987, the Form EIA-826 was changed to the "Monthly Electric Utility Sales and Revenue Report with State Distributions;" it was formerly titled, "Electric Utility Company Monthly Statement." The Form EIA-826 was revised in January 1990, and some data elements were eliminated.

Frame. The current sample for the Form EIA-826, which was designed to obtain estimates of electricity sales and revenue per kilowatthour at the State level by end-use sector, was chosen to be in effect for the January 1990 data. The frame for the Form EIA-826 was originally based on the 1987 submission of the Form EIA-861 (Section 1.4), which consisted of approximately 3,250 electric utilities selling retail and/or sales for resale. Updates have been made to the frame to reflect mergers that affect data processing. The sample consists of "certainty" and "noncertainty" strata

from which a selection of over 400 utilities was drawn. Since some electric utilities serve in more than one State, this includes a slightly larger number of State-service areas. (The State-service area is actually the sampling unit. For each State served by each utility, there is a utility State-part, or "State-service area.") This stratified sampling approach allowed for an explicit calculation of estimates for State, Census division, and national level sales and revenue per kilowatthour by customer sector (residential, commercial, industrial and other). Auxiliary data from the Form EIA-861 were used to improve the precision of our estimates, as reflected in the estimates of coefficients of variation. (Note that estimates at the "State level" are for sales for the entire State, and similarly for "Census division" and "National" levels.)

The preponderance of electric power sales to ultimate consumers in each State are made by a few large utilities. Ranking of electric utilities by retail sales on a State-by-State basis revealed a consistent pattern of dominance by a few electric utilities in nearly all 50 States and the District of Columbia. These dominant electric utilities were selected to be in the certainty stratum. These electric utilities constitute less than half the sample and about 6 percent of the population of U.S. electric utilities, but provide three-quarters of the total U.S. retail electricity sales. The allocation of electric utilities for sampling within the noncertainty sample strata was determined by the projected impact upon coefficients of variation for all sectors at the State level. The calculations used to derive electricity sales, revenue per kilowatthour, and associated CV estimates are provided in the Form EIA-826 subsection of the 2.3 Formulas Section of the Technical Notes, which follows the Sources of Data Section.

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

Data Processing. The forms are mailed each year to the electric utilities with State-parts selected in the sample. The completed form is to be returned to the EIA by the last calendar day of the month following the reporting month. Nonrespondents are telephoned to obtain the data. Imputation, discussed in Section 2.3, is used for any remaining nonresponse. The data are edited and entered into the computer where additional checks are completed. After all forms have been received from the respondents, the final automated edit is submitted. Following verification, tables and text of the aggregated data are produced for inclusion in the *EPM*. After the *EPM* receives clearance from the EIA,

the data are made available for public use through custom computer runs, data tapes, or in publications on a cost-recovery basis.

Form EIA-861

The Form EIA-861 is a mandatory census of electric utilities in the United States. The survey is used to collect information on power production and sales data from approximately 3,250 electric utilities. The data collected are used to maintain and update the EIA's electric utility frame data base. This data base supports queries from the Executive Branch, Congress, other public agencies, and the general public. Summary data from the Form EIA-861 are also contained in the *Electric Sales, Revenue, and Bills*; the *Financial Statistics of Selected Electric Utilities*; and, the *Annual Outlook for U.S. Electric Power*. These reports present aggregate totals for electric utilities on a national level, by State, and by ownership type.

Instrument and Design History. The Form EIA-861 was implemented in January 1985 to collect data as of year-end 1984. The Federal Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Data Processing. The Form EIA-861 is mailed to the respondents in February of each year to collect data as of the end of the preceding calendar year. The completed forms are to be returned to the EIA by May 1. The data are manually edited before being entered into the interactive on-line system. Internal edit checks are performed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA-861 and similar data reported on the Forms EIA-826; EIA-412, "Annual Report of Public Electric Utilities;" and FERC Form 1, "Annual Report of Major Electric Utilities, Licensees, and Others." Respondents are telephoned to obtain clarification of reported data and to obtain missing data.

Form EIA-860

The Form EIA-860 is a mandatory census of electric utilities in the United States and Puerto Rico that operate power plants or plan to operate a power plant within 10 years of the reporting year. The survey is used to collect data on electric utilities' existing power plants and their 10-year plans for constructing new plants, generating unit additions, modifications, and retirements in existing plants. Data on the survey are collected at the generating unit level. These data are then aggregated to provide totals by energy source (coal, petroleum, gas, water, nuclear, other) and geographic area (State, NERC region, Federal region, Census division). Additionally, at the national level, data are aggregated to provide totals by prime mover.

Data from the Form EIA-860 are also summarized in the *Inventory of Power Plants in the United States*, and as input to publications and studies by other offices in the Department of Energy.

Instrument and Design History. The Form EIA-860 was implemented in January 1985 to collect data as of year-end 1984. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Data Processing. The Form EIA-860 is mailed to approximately 900 respondents in December to collect data as of the end of the preceding calendar year. The completed forms are to be returned to the EIA by February 15. Data for each respondent are preprinted from the applicable data base. Respondents are instructed to verify all preprinted data and to supply missing data. The data are manually edited before being keypunched for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain correction or clarification of reported data and to obtain missing data, as a result of the manual and automatic editing process.

Form IE-417R

Electric utilities or other entities, subject to the provisions of Section 311 of the Federal Power Act (FPA), that are engaged in the generation, transmission, or distribution of electric energy for delivery and/or sale to the public are required to report expeditiously any 1) loss of firm system loads; 2) voltage reductions and public appeals; 3) vulnerabilities that could impact bulk electric power system adequacy or reliability; and, 4) fuel supply emergencies to the DOE.

In accordance with Section 202(a) of the Federal Power Act (FPA), the DOE is responsible for encouraging actions to assure an abundant supply of electric energy throughout the country. Under Section 311 of the FPA, the DOE is authorized and directed to collect information regarding the generation, transmission, and distribution of electric energy and to report the problems and developments of the electric utility industry to Congress. The Secretary of Energy has the Federal responsibility of receiving reports of major electric utility system emergencies. The Secretary has delegated that responsibility to the Office of International Affairs and Energy Emergencies (IE) with the DOE.

Instrument and Design History. The collection of outage data was initiated by the FPC prior to the organization of the DOE. After Congress passed legislation creating the DOE, the collection of electric power system outage data became a function of the DOE. Currently the Assistant Secretary of IE is the principal DOE office for this activity. Form IE-417 was activated after public comment on a rule-making proce-

cedure (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 A). 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 A.

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"⁴ 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.⁵

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,

⁴Kott, P.S., "Nonresponse in a Periodic Sample Survey," *Journal of Business and Economic Statistics*, April 1987, Volume 5, Number 2, pp. 287-293.

⁵Knaub, 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,
- Net Winter Capability equals $(0.8593 * (\text{Design Electrical Rating}^{**1.0215}))$, rounded to the nearest megawatt,

where

- Design Electrical Rating is expressed in megawatts.

For non-nuclear units,

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

where

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

where

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

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

Average Heat Content

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

Rounding Rules for Data

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

Data Correction Procedure

The CNEAF office has adopted the following policy with respect to the revision and correction of data published in energy data reports and made available in a

machine format:

1. All data collected by this office (excluding secondary source data) will be published as preliminary data when first appearing in an energy data report.
2. The next publication of the data will be in final form at which point the data base is closed.
3. Revisions or corrections will be made only in the event a substantial (greater than 1 percent) reporting 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.

January 1990 data for sales of electricity have been revised, reflecting less than a 1-percent change in sales data at the national level. In the South Atlantic Census Division, which had the largest revision, the change was less than 5 percent.

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.

Data for Table C1 include all quality of fuels. For a detailed breakdown on types of coal, petroleum and gas, see Tables 21, 25, and 29, respectively.

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

Census Division and State	Coal (Btu per ton)	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	26,266,748	6,346,274	1,047,184
Connecticut	26,403,434	6,345,384	1,035,000
Maine	-	6,277,535	-
Massachusetts	26,215,248	6,338,101	1,048,808
New Hampshire	26,339,686	6,562,979	-
Rhode Island	-	-	1,029,000
Vermont	-	-	-
Middle Atlantic	24,690,443	6,288,563	1,034,471
New Jersey	27,298,538	6,228,827	1,034,577
New York	25,617,534	6,291,056	1,034,464
Pennsylvania	24,328,882	6,321,004	1,033,256
East North Central	21,823,514	6,066,084	607,298
Illinois	21,711,408	6,144,391	1,021,069
Indiana	20,886,957	5,773,079	1,001,805
Michigan	22,039,607	6,153,690	* 258,980
Ohio	23,785,080	5,775,698	1,019,920
Wisconsin	19,551,916	5,864,284	1,007,131
West North Central	17,430,081	5,825,041	983,437
Iowa	18,096,388	5,868,433	1,002,747
Kansas	17,801,512	5,796,000	984,557
Minnesota	17,581,718	5,800,286	1,004,914
Missouri	20,773,788	5,922,000	1,023,638
Nebraska	16,933,066	-	942,337
North Dakota	13,290,974	5,791,558	1,008,000
South Dakota	17,074,000	5,880,000	-
South Atlantic	24,794,172	6,313,737	1,013,165
Delaware	25,932,090	6,358,272	1,050,558
District of Columbia	-	6,028,847	-
Florida	24,749,814	6,334,991	1,011,349
Georgia	24,078,156	5,796,000	1,026,000
Maryland	25,381,424	6,225,209	1,042,780
North Carolina	24,911,734	5,803,716	-
South Carolina	25,227,210	5,796,000	1,028,385
Virginia	25,294,619	5,849,864	-
West Virginia	24,925,144	5,848,299	1,000,000
East South Central	23,683,971	6,026,863	1,037,224
Alabama	24,218,880	5,754,825	1,035,259
Kentucky	23,123,397	5,838,881	1,020,000
Mississippi	24,880,800	6,226,964	1,037,515
Tennessee	23,835,820	5,811,831	-
West South Central	15,466,600	5,923,176	1,036,926
Arkansas	17,423,370	5,761,330	1,016,624
Louisiana	16,433,490	6,115,417	1,040,047
Oklahoma	17,968,260	5,786,214	1,045,059
Texas	14,655,468	5,888,602	1,035,829
Mountain	19,739,113	5,965,851	1,030,839
Arizona	20,770,570	5,818,151	1,035,801
Colorado	19,823,640	5,754,000	984,813
Idaho	-	-	-
Montana	17,207,995	5,922,000	1,205,091
Nevada	22,748,424	6,210,526	1,033,616
New Mexico	18,385,034	5,712,000	1,028,434
Utah	22,817,878	5,880,000	-
Wyoming	17,789,422	5,787,956	1,036,000
Pacific Contiguous	16,238,514	6,236,713	1,031,564
California	-	6,349,980	1,031,564
Oregon	-	-	-
Washington	16,238,514	5,922,000	-
Pacific Noncontiguous	-	6,275,158	-
Alaska	-	-	-
Hawaii	-	6,275,158	-
U.S. Total	21,006,108	6,305,624	1,027,747

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

Note: Data for 1990 are preliminary.

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

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

Table C2. Comparison of Preliminary Versus Final Published Data at the National Level, 1989

Item	Preliminary	Final	Percent Change
Receipts			
Coal (1,000 short tons)	753,103	753,217	0.02
Petroleum (1,000 barrels)	246,286	246,422	.06
Gas (million cubic feet)	2,472,252	2,472,506	.01
Average Cost (cents per million Btu)			
Coal	144.5	144.5	0
Petroleum	289.3	289.3	0
Gas	235.5	235.5	0

Note: Percent change is calculated before rounding.

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

Table C3. Unit-of-Measure Equivalents for Electricity

Unit	Equivalent		
Kilowatt (kW)	1,000	(One Thousand)	Watts
Megawatt (MW)	1,000,000	(One Million)	Watts
Gigawatt (GW)	1,000,000,000	(One Billion)	Watts
Terawatt (TW)	1,000,000,000,000	(One Trillion)	Watts
Gigawatt	1,000,000	(One Million)	Kilowatts
Thousand Gigawatts	1,000,000,000	(One Billion)	Kilowatts
Kilowatthours (kWh)	1,000	(One Thousand)	Watthours
Megawatthours (MWh)	1,000,000	(One Million)	Watthours
Gigawatthours (GWh)	1,000,000,000	(One Billion)	Watthours
Terawatthours (TWh)	1,000,000,000,000	(One Trillion)	Watthours
Gigawatthours	1,000,000	(One Million)	Kilowatthours
Thousand Gigawatthours	1,000,000,000	(One Billion)	Kilowatthours

Source: Energy Information Administration, 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 watt-hours (Wh).

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

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

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

Receipts: Purchases of fuel.

Reserve Margin (Operating): The amount of unused available capability of an electric power system at peak load for a utility system. This figure is calculated by adding running and quick-start capability to the capability available but not needed and then subtracting peak load.

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

Restricted-Universe Census: This is the complete enumeration of data from a specifically defined subset of entities including, for example, those that exceed a given level of sales or generator nameplate capacity.

Running and Quick-Start Capability: The net capability of generating units that carry load or have quick-start capability. In general, quick-start capability refers to

generating units that can be available for load within a 30-minute period. (See Capability, Load (Electric), Net Summer Capability.)

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

Scheduled Maintenance: Time when generating units are unavailable for load due to inspection or maintenance in accordance with an advanced schedule.

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

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

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

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

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

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

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

Subbituminous Coal: Subbituminous coal, or black lignite, is dull black and generally contains 20 to 30

percent moisture. The heat content of subbituminous coal ranges from 16 to 24 million Btu per ton as received and averages about 18 million Btu per ton. Subbituminous coal, mined in the western coal fields, is used for generating electricity and space heating.

Substation: Facility equipment that switches, changes, or regulates electric voltage. (See Transformer, Transmission.)

Switching Station: Facility equipment used to tie together two or more electric circuits through switches. The switches are selectively arranged to permit a circuit to be disconnected, or to change the electric connection between the circuits. (See Electric Plant, Substation, Transformer, Transmission.)

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

Transformer: An electrical device for changing the voltage of alternating current. (See Substation, Switching Station.)

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

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

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

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

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

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

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

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

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

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