

# **Cost and Quality of Fuels for Electric Utility Plants 1999 Tables**

**June 2000**

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

# Contacts

The annual publication *Cost and Quality of Fuels for Electric Utility Plants (C&Q)* is no longer published by the EIA. The tables presented in this document are intended to replace that annual publication. Questions regarding the availability of these data should be directed to:

Electric Power Division

Energy Information Administration, EI-53

U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, DC 20585

Specific questions regarding these data should be directed to:

Kenneth McClevey (202/426-1144)

e-Mail [kenneth.mcclevey@eia.doe.gov](mailto:kenneth.mcclevey@eia.doe.gov)

# Preface

## **Background**

The *C&Q Tables* are prepared by the Electric Power Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA); U.S. Department of Energy. These tables provide comprehensive information concerning the quality, quantity, and cost of fossil fuels used to produce electricity in the United States.

## **Coverage of Sources**

The information contained in the tables is compiled from data reported on the FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." The FERC Form 423 is a monthly survey of a restricted census that collects data from steam-electric and combined-cycle plants with a total generator nameplate capacity of 50 or more megawatts (approx-

mately 700 power plants operated by 230 electric utilities). Data on gas-turbines and internal combustion units are not collected on this survey, nor is their generating capacity used to determine the 50-megawatt threshold for reporting that was set by the FERC.

Fuel receipts reported on the FERC Form 423 include over 99 percent of coal and approximately 90 percent of petroleum and gas delivered to electric utilities. The percent of coverage is lower for petroleum and gas because the survey does not collect data on fuel received for use in gas-turbines or internal combustion units. Power plants that report on the FERC Form 423 represent approximately 90 percent of all electric utility fossil-fuel generating capacity in the United States. The geographic coverage of the survey includes the contiguous United States, Alaska, Hawaii, and the District of Columbia. Data on non-utility power plants are not collected on this survey.

# Contents

	<b>Page</b>
Utility Fossil Fuel Receipts and Costs - The Year 1999 in Review .....	1
Fossil-Fuel Data at the Census Division and State Level .....	9
Origin and Destination of Coal .....	27
Fossil-Fuel Data at the Electric Utility and Plant Level .....	95

# Tables

	<b>Page</b>
1. Receipts of Coal by Census Division and State, 1995-1999 .....	10
2. Average Delivered Cost of Coal by Census Division and State, 1995-1999 .....	11
3. Receipts and Average Delivered Cost of Coal by Type of Purchase, Mine Type, Census Division and State, 1999 .....	12
4. Receipts and Average Delivered Cost of Coal by Rank, Census Division, and State, 1999 .....	13
5. Receipts and Average Delivered Cost of Coal by Sulfur Content, Census Division, and State, 1999 ...	14
6. Receipts of Petroleum by Census Division and State, 1995-1999 .....	16
7. Average Delivered Cost of Petroleum by Census Division and State, 1995-1999 .....	17
8. Receipts and Average Delivered Cost of Petroleum by Type of Purchase, Fuel Type, Census Division and State, 1999 .....	18
9. Receipts and Average Delivered Cost of Petroleum by Type, Census Division, and State, 1999 .....	19
10. Receipts and Average Delivered Cost of Petroleum by Sulfur Content, Census Division and State, 1999	20
11. Receipts of Gas by Census Division and State, 1995-1999 .....	22
12. Average Delivered Cost of Gas by Census Division and State, 1995-1999 .....	23
13. Receipts and Average Delivered Cost of Gas by Type of Purchase, Census Division and State, 1999 ..	24
14. Receipts and Average Delivered Cost of Gas by Type, Census Division, and State, 1999 .....	25
15. Total Heating Value and Cost of Fossil Fuels by Census Division and State, 1999 .....	26
16. Origin of Coal by State, 1999 .....	27
17. Receipts of Lignite by Electric Utility, 1999 .....	28
18. Receipts, Quality, and Average Delivered Cost of Imported Coal, 1995-1999 .....	29
19. Receipts of Appalachian Region Coal by Electric Utility, 1999 .....	32
20. Receipts of Interior Region Coal by Electric Utility, 1999 .....	34
21. Receipts of Western Region Coal by Electric Utility, 1999 .....	35
22. Destination and Origin of Coal by State, 1999 .....	37
23. Origin and Destination of Coal by State, 1999 .....	42
24. Origin of Coal Received by Electric Utility and Plant, 1999 .....	46
25. The Top 20 Electric Utilities, Ranked by Receipts of Coal, 1999 .....	95
26. The Top 20 Electric Utilities, Ranked by Receipts of Petroleum, 1999 .....	96
27. The Top 20 Electric Utilities, Ranked by Receipts of Gas, 1999 .....	97
28. Receipts of Petroleum Coke by Electric Utility, 1999 .....	97
29. Receipts of No. 6 Fuel Oil by Electric Utility, 1999 .....	98
30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 ..	99
31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 ...	111

# Utility Fossil Fuel Receipts and Costs - The Year 1999 in Review

In 1999, final data show that electric utility plants received 908 million short tons of coal, 131 million barrels of petroleum products, and 2,809 billion cubic feet (Bcf) of gas at a total delivered cost of \$32 billion.<sup>1</sup> Coal accounted for 83 percent of the total Btu content of fossil fuels delivered in 1999, while gas and petroleum accounted for 13 and 4 percent, respectively. The average delivered cost of fossil fuels was \$1.44 per million Btu, the second lowest annual cost since 1978. (Due to electric restructuring, several generating plants operated by electric utilities were sold and reclassified as nonutility generating plants during 1998 and 1999. At the completion of the sale, these plants were no longer required to file receipt and cost data on the Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and generation, consumption, and stock data on the Energy Information Administration (EIA) Form 759, "Monthly Power Plant Report." Therefore, the 1999 databases for these two surveys include only partial reporting of monthly data for plants sold in 1999, and no data for plants sold during 1998. It is important to note that the sale of plants has affected year-to-year comparisons of data at the State, Census Division, and National level.)

**Coal.** Electric utility plants received 908 million short tons of coal in 1999, down from a record 929 million short tons received in 1998. This decrease was due to the sale of plants and their subsequent nonreporting status. However, from an operational standpoint, mild weather and record levels of nuclear generation limited any increase in use of coal by electric utilities. This in-turn affected coal deliveries to electric utilities.

During 1999 several coal-fired electric plants were sold and reclassified as nonutility plants. Data for these plants were reported on the FERC Form 423 survey until the sale was finalized. Most prevalent among the sales were plants owned by the Illinois Power Company, Metropolitan Edison Company, New York State Electric & Gas Company, Niagara

Mohawk Power Company, Orange & Rockland Utilities, Pennsylvania Electric Company, and United Illuminating. In addition, eight coal-fired plants that were sold during 1998 were not required to report data in 1999. The eight plants were State Line (Commonwealth Edison Company of Indiana), Kincaid (Commonwealth Edison Company), Coleman, Green, Reid-Henderson, and Wilson (Big Rivers Electric Corporation), and Brayton Point and Salem Harbor (New England Power Company). Together, the sale of plants reduced 1999 and 1998 coal receipts by an estimated 23 million short tons and 6 million short tons, respectively.<sup>2</sup>

In 1999, coal-fired generation at electric utilities totaled 1,768 terawatt-hours<sup>3</sup> (TWh), down 2 percent from the record 1,807 TWh reported in 1998. Likewise, coal consumption totaled 894 million short tons, down from 911 million short tons in 1998. This decrease was due to the sale and reclassification of utility plants as nonutility plants which reduced electric utility consumption of coal in 1999 and 1998 by an estimated 23 million short tons and 6 million short tons, respectively. Mild weather and record levels of nuclear generation were factors that limited coal-fired generation and coal consumption during the year. On the other hand, very dry weather throughout most of the eastern half of the Nation reduced hydroelectric generation from 1998 levels and had a positive influence on consumption of coal. The electric generating industry as a whole (electric utilities, independent power producers, and cogeneration facilities), reported coal consumption of 965 million short tons, down from 968 million short tons in 1998.<sup>4</sup> Coal-fired generation totaled 1,885 TWh, up from 1,874 TWh reported in 1998. These industry level data eliminate the effect of the sale and reclassification of plants.

Record nuclear generation and mild weather were two important factors limiting the use of coal in 1999. Nuclear generation rose to a record 728 TWh,<sup>5</sup> 8 percent higher than the 674 TWh produced in 1998 and considerably above the previous record of 675 TWh generated in 1996. (Specific information con-

<sup>1</sup> Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." This survey includes data on steam-electric and combined cycle electric utility plants with a capacity of 50 or more megawatts. It does not include data on stand-alone gas turbines or reciprocating engines located at these plants. The data cover 99 percent of all coal and approximately 90 percent of the petroleum and gas delivered to electric utilities. The survey does not collect data on nonutility electric generating plants.

<sup>2</sup> The estimate for 1999 is based on consumption data reported on the Form EIA-900, "Monthly Nonutility Power Plant Report." The estimate for 1998 is based on the level of receipts reported on the FERC Form 423 in 1997.

<sup>3</sup> A terawatt-hour is equal to one billion kilowatt-hours.

<sup>4</sup> Coal consumption in 1998 includes some coal used to generate thermal output.

<sup>5</sup> Includes a full year of generation from the Clinton, Pilgrim, and Three Mile Island nuclear plants, each of which were sold and reclassified as nonutility plants during 1999.

cerning nuclear generation is provided in more detail later in this review.) As for weather conditions, 1999 was the second warmest year of the century, exceeded only by 1998.<sup>6</sup> November, February, December, and January had the 1st, 3rd, 11th, and 13th warmest monthly mean temperature for such months on record since 1895.<sup>7</sup> The above normal temperatures during these particular months reduced demand for electricity, and in-turn, limited any growth in coal-fired generation. The summer of 1999 (June through August) was the 37th warmest on record as compared to the 9th warmest summer of 1998. Record warmth during mid summer produced utility cutbacks and rolling blackouts throughout the New England and Middle Atlantic Census divisions.<sup>8</sup> Further to the west, American Electric Power (AEP) set peak records in July due to extreme temperatures throughout its service territory.<sup>9</sup> While above normal summer temperatures were a positive for coal-fired generation, above normal temperatures during the autumn and winter months reduced heating loads and was therefore a limiting factor.

Continuing the downward trend of the past 13 years, the average delivered cost of coal decreased to \$1.22 per million Btu, down from the \$1.25 per million Btu in 1998.<sup>10</sup> Contributing to this lower average cost were the continuing expiration, renegotiation, and buyouts of older, high-priced contracts; improved efficiency in coal production and transportation; increased use of low-cost western coal; and, to some extent, excess production capacity. It is important to note that the sale of plants also may have played an important role in the decrease in the average delivered cost of coal. Several electric utilities no longer report coal receipt data that when aggregated at the utility level, had average costs that were considerably above the national average. These include New England Power Company, New York State Electric & Gas Company, Niagara Mohawk Power Company, Orange & Rockland Utilities, and United Illuminating. Similarly, electric utilities that no longer report coal costs that were in prior years considerably below the national average include Big Rivers Electric Corporation, Illinois Power Company, and Pennsylvania Electric Company. In total, the average delivered cost of coal for plants eliminated from the FERC Form 423 survey was above the national average delivered cost of coal. Therefore, the elimination of these plants tended to reduce the 1999 national average.

The average cost of coal delivered under contract was \$1.23 per million Btu, down from \$1.27 per million Btu in 1998. Coal purchased on the spot-market (contracts of less than one year duration) decreased to \$1.16 per million Btu, down from the \$1.20 per million Btu in 1998.

The average sulfur content (measured as percent sulfur by weight) of coal delivered was 1.01 percent, down from 1.06 in 1998. The average Btu content of coal was 10,163 per pound, down from 10,241 per pound in 1998. Over the past several years, the average sulfur and Btu content of coal have been trending downward as electric utilities increased their use of low-sulfur, low-Btu western coal from the Powder River Basin (PRB) of Montana and Wyoming. Since the majority of coal delivered to plants that were sold and eliminated from the database used higher Btu bituminous coal, this also tended to reduce the average Btu content.

Receipts of coal from the PRB totaled 343 million short tons versus 301 million short tons in 1998. The Western province (Arizona, Colorado, Montana, New Mexico, North Dakota, Utah, Washington, and Wyoming) was the origin for a record 444 million short tons, up from 430 million short tons in 1998. (The sale of plants did not have a substantial effect on reported receipts of Western province coal. The majority of coal-fired electric plants that have been sold consumed Appalachian and Interior region bituminous coal. Kincaid and State Line, western-coal burning plants owned by Commonwealth Edison Company, were sold in January 1998, thus minimizing the effect on year-to-year (1999 versus 1998) comparisons. (The sale in late December 1999 of plants operated by the Commonwealth Edison Company and Montana Power Company will have a substantial effect on Western province data reported in the year 2000.) Receipts of coal from Wyoming totaled 321 million short tons, up 17 million short tons or 5 percent from 1998. Receipts of coal from Montana totaled 36 million short tons, down 4 million short tons from 1998. Receipts of coal from the Appalachian region totaled 290 million short tons versus 318 million in 1998. Receipts of coal (excluding lignite) from the Interior region (Illinois, Indiana, Iowa, Kansas, western Kentucky, Missouri, Oklahoma, and Texas) totaled 93 million short tons, down from 99 million in 1998. Receipts of lignite from Louisiana, Montana, North Dakota, and Texas totaled 77 million short tons, nearly unchanged from 1998. Wyoming ranked highest among coal producing States with 321 million short tons of coal delivered to electric utilities. Kentucky and West Virginia were ranked second and third with 108 million short tons and 104 million short tons, respectively. Pennsylvania, West Virginia, Kentucky, and Illinois were the primary origin States for coal supplied to many of the plants that were sold and reclassified during 1998 and 1999.

Imports of coal totaled 5 million short tons, down from 6 million short tons in 1998. The origin for most imported coal was Colombia and Venezuela. Electric utilities receiving a minimum of 500,000 short tons of

<sup>6</sup> National Oceanic and Atmospheric Administration, National Climatic Data Center, extracted from the Internet at [http://www.ncdc.noaa.gov/ol/climate/research/1999/ann/us\\_national](http://www.ncdc.noaa.gov/ol/climate/research/1999/ann/us_national)

<sup>7</sup> Ibid.

<sup>8</sup> "Rolling Blackouts Hit Northeast Grid as Heat Forces Utilities to Shed Load," The Energy Report, Vol. 27, No. 28 (July 12, 1999).

<sup>9</sup> American Electric Power, extracted from the Internet at <http://www.aep.com> on April 13, 2000.

<sup>10</sup> The delivered cost of fossil fuels includes all costs (i.e., transportation, taxes, etc.) incurred by the electric utility for delivery of the fuel to the plant. It does not include unloading charges.

imported coal include Central Hudson Gas & Electric Company, Jacksonville Electric Authority, Mississippi Power Company, Public Service Company of New Hampshire, and Tampa Electric Company.

**Petroleum.** Receipts of petroleum at electric utilities totaled 131 million barrels, down from 165 million barrels received in 1998. This decrease was due primarily to the sale and reclassification of utility plants as nonutility plants and, to a lesser extent, a large increase in nuclear generation and competition from natural gas. During 1999, several large oil-fired plants located in the New England and Middle Atlantic Census divisions were sold and removed from the FERC Form 423 survey. Included among these plants were Mason and Wyman (Central Maine Power Company), Bridgeport Harbor and New Haven Harbor (United Illuminating Company), Bowline (Orange & Rockland Utilities), Oswego (Niagara Mohawk Power Company), and Devon, Montville, Norwalk Harbor, and Middletown (sold by Connecticut Light and Power Company on December 15, 1999). In addition, several oil-fired plants were sold during 1998 and were not required to report data in 1999. These include Mystic (Boston Edison Company), Brayton Point and Salem Harbor (New England Power Company), and the Canal and Kendall Square plants (Commonwealth Energy System). It is estimated that the sale of plants reduced total petroleum receipt in 1999 by approximately 25 million barrels<sup>11</sup> while 1998 petroleum receipts were reduced by approximately 6 million barrels.

Receipts of petroleum to the New England Census division totaled 14 million barrels, down approximately 22 million barrels from the 36 million barrels reported in 1998. Receipts to the Middle Atlantic Census division totaled 26 million barrels, down from 32 million barrels in 1998. The sale and reclassification of plants was the primary reason for the substantial decrease in petroleum receipts to the New England Census division and a smaller decrease in receipts of petroleum to the Middle Atlantic Census division. A substantial increase in nuclear generation in both Census divisions during 1999 may also have contributed to a decrease in petroleum receipts in both Census divisions. The sale and reclassification of electric plants had little effect on petroleum receipts in other Census divisions.

Receipts of petroleum to the South Atlantic Census division totaled 69 million barrels, down from 75 million barrels reported in 1998. Electric utilities in Florida received 54 million barrels, down from 60 million barrels reported in 1998. Mild weather (as compared to the record heat recorded in 1998) as well as competition from natural gas, reduced demand for petroleum-fired generation. The sale of the Orlando Utilities Commission's Indian River plant in September 1999 reduced receipts by less than 500,000

barrels. With 19 percent of the U.S. petroleum-fired generating capacity located in Florida,<sup>12</sup> deliveries of fuel oil for electric generation were the highest of any State.

Petroleum coke receipts at electric utilities totaled 3 million short tons, down 9 percent from 1998. The decrease was due to lower receipts at the Jacksonville Electric Authority (JEA). Receipts to the Pennsylvania Power Company totaled 650 thousand short tons, the highest amount for any utility. JEA, Northern Indiana Public Service Company, Northern States Power Company, and Seminole Electric Cooperative also received significant quantities of the fuel. Petroleum coke is gaining more acceptance at electric utilities due to its high Btu content and low-cost per million Btu. The average delivered cost of petroleum coke was \$0.65 per million Btu, compared to \$0.71 in 1998. A negative factor associated with this fuel is its high sulfur content which ranges between 4 and 6 percent. Petroleum coke is often blended with a higher percentage of lower sulfur coal before being consumed. It is also consumed in units that have flue gas desulfurization (FGD) systems that reduce sulfur dioxide emissions.

The average cost of petroleum delivered to electric utilities was \$2.53 per million Btu compared with \$2.14 per million Btu in 1998. Petroleum prices began to recover early in the year as a worldwide oversupply of crude oil that was prevalent during 1998 began to subside in early 1999, allowing petroleum prices to rise. In February 1999, the average cost of petroleum delivered to electric utilities fell to \$1.72 per million Btu, its lowest monthly level since January 1974.<sup>13</sup> However, each successive month through the end of the year showed a higher average delivered price for petroleum. By December 1999, the average cost of petroleum delivered to electric utilities had increased to \$3.54 per million Btu or \$22.35 per barrel.

The average cost of Number 2 fuel oil was \$4.03 per million Btu, up from \$3.30 per million Btu reported in 1998. This fuel is used primarily for start-up and flame stabilization at steam-electric plants. The average cost of heavy fuel oil (Number 4, 5, and 6 fuel oil) was \$2.44 per million Btu, compared to \$2.08 per million Btu in 1998. The months of January through June show the national average cost of heavy oil lower than the national average cost of natural gas. However, natural gas was the less expensive of the two fuels from July through the end of the year. This is important when considering the capability of many electric plants to burn the least expensive of the two fuels.

**Gas.** Receipts of gas to electric utilities totaled 2,809 billion cubic feet (Bcf), down from 2,923 Bcf reported in 1998. The sale of several electric plants and their reclassification to nonutility status had a

<sup>11</sup> Based on consumption data reported for these plants on Form EIA-900, "Monthly Nonutility Power Plant Report."

<sup>12</sup> Energy Information Administration, Inventory of Electric Utility Power Plants in the United States, DOE/EIA-0095(99) (November 1999, Washington DC), Table 17, and Energy Information Administration, Inventory of Nonutility Electric Power Plants in the United States, DOE/EIA-0095(98)/2 (December 1999, Washington DC), Table 6.

<sup>13</sup> Energy Information Administration, Historical Monthly Energy Review (HMER), DOE/EIA-0035(73-92) (August 1994, Washington, DC), Table 9.10.



substantial effect on receipts of gas reported for the New England, Middle Atlantic, and Pacific Contiguous Census divisions. Based on consumption data reported on Form EIA-900, the sale and reclassification of plants reduced receipts of gas on the FERC Form 423 by an estimated 370 Bcf. Receipts of gas to California were reduced by an estimated 285 Bcf as most of the gas-fired plants owned by Pacific Gas & Electric Company, San Diego Gas & Electric Company, and Southern California Edison Company were sold during 1998 and 1999. The sale of several gas-fired plants previously owned by the Boston Edison Company, Central Maine Power Company, Commonwealth Energy System, Consolidated Edison Company, Jersey Central Power & Light Company, New England Power Company, Niagara Mohawk Power Company, and Orange & Rockland Utilities reduced gas receipts in both the New England and Middle Atlantic Census divisions.

#### *Hydro and Nuclear Generation Effects on Fossil-Fuel Requirements.*

Since hydroelectric generation is the lowest cost power to generate, it can displace the use of fossil-fuels by electric utilities. In 1999, hydroelectric generation totaled 294 TWh, down 3 percent from 304 TWh generated in 1998. Factors that affected hydroelectric generation included the sale and reclassification of plants, record amounts of snowfall in the Pacific Northwest, and below normal precipitation throughout most of the eastern half of the Nation.

The sale and reclassification of several hydroelectric plants during the year reduced utility hydroelectric generation by approximately 1 percent (3 TWh) from 1998 levels. Most of the facilities that were sold were located in Massachusetts, Maine, Montana, New York, and Pennsylvania. The largest transaction involved 74 hydroelectric facilities (660 megawatts of capacity) owned by Niagara Mohawk Power Company that were sold to Orion Power on July 29, 1999. Central Maine Power Company sold its interest in 28 hydroelectric facilities (373 megawatts) to FPL Group on April 7, 1999. The sale and reclassification of hydroelectric plants owned by Montana Power Company (521 megawatts) occurred on December 17th, 1999, too late in the year to have an effect on the 1999 data. In 1998, the New England Power Company sold 481 megawatts of conventional hydroelectric capacity and the 600 MW Bear Swamp pumped storage facility to U.S. Generating Company. By the end of 1999, a total of 2 gigawatts out of 73 gigawatts of utility-owned conventional hydroelectric capacity had been sold and reclassified as nonutility capacity.

Below normal levels of precipitation throughout most of the eastern half of the Nation also contributed to the 3 percent decline in hydroelectric generation from 1998 levels. According to the National Oceanic and Atmospheric Administration (NOAA), the Nation recorded its 22nd driest year out of the last 100 years, compared to the fifth wettest in 1998.<sup>14</sup> Well-below normal levels of precipitation were reported in the NOAA Central region (Illinois, Indiana, Kentucky, Missouri, Ohio, Tennessee, and West Virginia), the Southeast region, and the South.<sup>15</sup> Georgia recorded their sixth driest year on record, while Kentucky, West Virginia, and Tennessee posted their 10th, 12th, and 20th driest, respectively.<sup>16</sup> Alabama, Georgia, North Carolina, South Carolina, and Tennessee all reported substantial declines in hydroelectric generation. In the South Atlantic and East South Central Census divisions, hydroelectric generation fell by 49 and 26 percent, respectively. An extreme drought in the New England and Middle Atlantic Census divisions during the summer reduced hydroelectric generation and caused cooling water problems for some steam-electric plants.<sup>17</sup> The Northeast region (the NOAA region that includes the states of Delaware, Maryland, and Pennsylvania northeastward toward Maine) recorded its driest April through August period of this century.<sup>18</sup>

In the Pacific Northwest, where most of the Nation's hydroelectric generation is produced, above normal levels of snowfall and high streamflow at the start of the year contributed to an increase in hydroelectric generation in the Pacific Contiguous Census division. Oregon and Washington posted increases of 14 and 21 percent, respectively. However, a 20-percent decrease in hydroelectric generation in California offset some of the gains reported to the north. For the year, hydroelectric generation in the Pacific Contiguous Census division totaled 180 TWh, up 8 percent from 168 TWh reported in 1998. Heavy snowfall in the Cascade Range of both Oregon and Washington resulted in an above normal snowpack in both States. As of April 1, 1999, the snowpack in the Columbia Basin was at 133 percent of normal as compared to only 83 percent in 1998.<sup>19</sup> By May 1, 1999, the North Cascades of Washington broke a 1955 record with a snowpack of 207 percent of normal.<sup>20</sup> The 1,140 inches of snow at Mt. Baker in Washington was the greatest seasonal (November to May) snowfall recorded in the United States.<sup>21</sup> This contributed to near record hydroelectric generation for both States. (The snowpack and subsequent melting are very important to help maintain streamflow and reservoir levels into the summer months). It is also important to note that streamflow

<sup>14</sup> National Oceanic and Atmospheric Administration, National Climatic Data Center; extracted from the Internet at [http://www.ncdc.noaa.gov/ol/climate/research/1999/ann/us\\_regional](http://www.ncdc.noaa.gov/ol/climate/research/1999/ann/us_regional)

<sup>15</sup> Ibid.

<sup>16</sup> Ibid.

<sup>17</sup> T. Morgan, "Falling River Flow Causes Power Problem in Rhode Island," *The Providence Journal-Bulletin* (August 9, 1999).

<sup>18</sup> National Oceanic and Atmospheric Administration, National Climatic Data Center, extracted from the Internet at [http://www.ncdc.noaa.gov/ol/climate/research/1999/sum/us\\_drought.html](http://www.ncdc.noaa.gov/ol/climate/research/1999/sum/us_drought.html) on April 12, 2000.

<sup>19</sup> United States Department of Agriculture, Natural Resource Conservation Service; National Water and Climate Center; extracted from the Internet at [ftp://162.79.124.23/support/snow/snowpack\\_charts/columbia\\_river/wy1999/colu9904.html](ftp://162.79.124.23/support/snow/snowpack_charts/columbia_river/wy1999/colu9904.html) on April 3, 2000.

<sup>20</sup> United States Department of Agriculture, Natural Resource Conservation Service; National Water and Climate Center; extracted from the Internet at [ftp://162.79.124.23/support/snow/snowpack\\_charts/columbia\\_river/wy1999/colu9905.html](ftp://162.79.124.23/support/snow/snowpack_charts/columbia_river/wy1999/colu9905.html) on April 3, 2000.

<sup>21</sup> U.S. Department of Agriculture, *Weekly Weather and Crop Bulletin*, Vol. 87, No. 3 (January 19, 2000), p. 11.

throughout the Columbia River Basin was significantly higher on January 1, 1999, than it was on January 1, 1998.<sup>22</sup> The second wettest November through February on record for the Northwest Region<sup>23</sup> contributed greatly to January and February 1999 hydroelectric generation being well above prior year levels.

Although hydroelectric generation in both Oregon and Washington increased from 1998 levels, it did so despite the fact that on an annual basis, both states received less precipitation during 1999. The Northwest Region, the NOAA region that includes Idaho, Oregon, and Washington, actually had its 46th wettest year on record in 1999, as compared with its 6th wettest in 1998.<sup>24</sup> However, the seasonal distribution and variation of precipitation, coupled with above normal levels of snowpack in the Pacific Northwest at the start of the year, was more favorable for hydroelectric generation in 1999.

California reported a substantial decrease in hydroelectric generation due to a considerable decrease in precipitation from 1998 levels. The West Region, the NOAA region that includes California and Nevada, actually had its 21st driest year out of the last 105 as compared to the second wettest year on record in 1998.<sup>25</sup> This contributed to the southern portion of the Sierra Nevada mountains having a snowpack that was less than 70 percent of normal as compared to above 130 percent of normal in 1998.<sup>26</sup> (Here again, the snowpack and subsequent melting are very important to help maintain streamflow and reservoir levels into the summer months).

Nuclear generation was also an important factor affecting fossil-fuel use by electric utilities. In 1999, nuclear generation totaled a record 728 TWh,<sup>27</sup> 8 percent higher than the 674 TWh produced in 1998 and considerably above the previous record of 675 TWh generated in 1996. The annual capacity factor<sup>28</sup> for nuclear plants was 86 percent compared with 78 percent in 1998.<sup>29</sup> This was the highest annual capacity factor for nuclear plants since data collection began in 1973.<sup>30</sup> The August and December 1999

capacity factors were an impressive 94 percent. This has major implications on the fossil-fuel requirements of electric utilities due to the fact that like hydroelectric, nuclear generation also displaces fossil-fired generation. (Based on national level consumption and generation data presented in the Electric Power Monthly, and assuming a net summer nuclear capability of 97,155 megawatts, a 1-percent increase in the annual nuclear plant capacity factor (equivalent to 8,510,778 megawatthours<sup>31</sup> of additional nuclear generation) translates into a reduction in annual consumption of either approximately 4.3 million short tons of coal,<sup>32</sup> 14 million barrels of petroleum, or 89 billion cubic feet of gas. Most likely, it would be a combination of each.)

To realize why nuclear generation often displaces fossil-fired generation, one only has to compare the cost of fuel per unit of electricity produced to see the competitiveness of nuclear power. In 1998, the average cost of uranium for major investor-owned electric utility nuclear plants was 0.54 cents per kilowatthour, while the comparable cost of fuel for fossil-fired steam plants was 1.60 cents per kilowatthour.<sup>33</sup> An additional incentive for producing nuclear generation instead of fossil-fired generation is a reduction in emissions of carbon dioxide, sulfur dioxide, and nitrogen oxides. The passage of Title IV of the Clean Air Act Amendments of 1990 set limits on the amount of sulfur dioxide and nitrogen oxides that can be emitted by electric utilities. Since nuclear plants emit neither of these gases, they have become especially important in strategies designed to ensure that a utility is in compliance with air quality emission regulations. Perhaps even more important is the fact that unlike fossil-fired plants, nuclear plants emit no carbon dioxide. The buildup of this gas in the atmosphere is said by many to affect global climate.

All Census divisions except the West South Central and the Pacific Contiguous Census division reported year-to-year increases in nuclear generation. The East North Central Census division reported nuclear generation of 124 TWh, up 32 percent from 1998. Most of the increase occurred in Illinois as nuclear generation

<sup>22</sup> United States Department of Agriculture, Natural Resource Conservation Service; National Water and Climate Center; extracted from the Internet at [ftp://162.79.124.23/support/water/forecast\\_maps/columbia\\_river/wy\\_1998/cust9801.gif](ftp://162.79.124.23/support/water/forecast_maps/columbia_river/wy_1998/cust9801.gif) and [ftp://162.79.124.23/support/water/forecast\\_maps/columbia\\_river/wy\\_1999/cust9901.gif](ftp://162.79.124.23/support/water/forecast_maps/columbia_river/wy_1999/cust9901.gif) on April 3, 2000.

<sup>23</sup> National Oceanic and Atmospheric Administration, National Climatic Data Center, extracted from the Internet at [http://www.ncdc.noaa.gov/ol/climate/research/1999/sum/us\\_drought.html](http://www.ncdc.noaa.gov/ol/climate/research/1999/sum/us_drought.html) on April 12, 2000.

<sup>24</sup> National Oceanic and Atmospheric Administration, National Climatic Data Center, extracted from the Internet at [http://www.ncdc.noaa.gov/ol/climate/research/1999/ann/us\\_regional](http://www.ncdc.noaa.gov/ol/climate/research/1999/ann/us_regional)

<sup>25</sup> Ibid.

<sup>26</sup> United States Department of Agriculture, Natural Resource Conservation Service; National Water and Climate Center; extracted from the Internet at <http://www.wcc.nrcs.usda.gov/water/snow/westsnow.pl> on April 3, 2000.

<sup>27</sup> Includes a full year of generation from the Clinton, Pilgrim, and Three Mile Island nuclear plants, each of which were sold and reclassified as nonutility plants during 1999.

<sup>28</sup> Capacity factor is the ratio of the amount of electricity produced by a generating plant for a given period of time to the electricity that the plant could have produced at continuous full-power operation during the same period.

<sup>29</sup> The annual capacity factor of 86 percent is based on all electric utility and nonutility nuclear plants.

<sup>30</sup> Energy Information Administration, Monthly Energy Review March 1999, DOE/EIA-0035(99/03) (Washington, DC), Table 8.1.

<sup>31</sup> This number is derived by multiplying 97,155 megawatts of summer capability by 8,760 hours (number of hours in a year). The result is then multiplied by 0.01 (1 percent). A one percent change equals 8,510,778 MWh.

<sup>32</sup> This calculation is based on a simple ratio of 1999 national level data. If the consumption of 894 million short tons of coal (Electric Power Monthly May 2000, Table 14) produces 1,767,679,000 MWh of generation (Table 4), then it would take 4.3 million short tons of coal to produce 8,510,778 MWh of generation.

<sup>33</sup> Energy Information Administration, Electric Power Annual 1998 Volume II, DOE/EIA-0348(98)/2 (December 1999, Washington, DC), Table 13.

in the State rose by 26 TWh to 81 TWh. Illinois replaced Pennsylvania as the Nations top producer of nuclear generation. The Commonwealth Edison Company (ComEd) reported record output from nuclear plants totaling 76 TWh, which broke their previous record of 72 TWh set in 1993. This was accomplished despite having two fewer nuclear units (Zion units 1 and 2 were retired in 1998). LaSalle and Quad Cities (both ComEd plants) and Clinton (Illinois Power Company) each reported much higher levels of nuclear generation.

The Middle Atlantic Census division reported total nuclear generation of 137 TWh, up from 120 TWh in 1998. Most of the increase was due to higher levels of output from plants located in New York and

Pennsylvania. Individual plants reporting much higher levels of nuclear generation include Indian Point (Consolidated Edison Company of New York) and Beaver Valley (Duquesne Light Company). In the New England Census division, nuclear generation was up substantially due to a large increase in output from the Millstone plant (located in Connecticut and operated by the Northeast Nuclear Energy Company).

As usual, the South Atlantic Census division reported the highest level of nuclear generation at 193 TWh, up from 191 TWh reported in 1998. South Carolina was the largest producer in the Census division with 51 TWh. North Carolina and Florida ranked second and third with 38 TWh and 32 TWh, respectively.

**Table ES3. Average Quality of Coal by State of Origin, 1998-1999**

State of Origin	Btu (per pound)		Sulfur (percent by weight)		Sulfur (pounds per MM Btu)		Ash (percent by weight)	
	1999	1998	1999	1998	1999	1998	1999	1998
Alabama .....	12,145	12,348	1.04	1.11	0.86	0.90	12.65	12.15
Arizona .....	10,955	10,948	.51	.53	.47	.48	9.57	9.64
Colorado .....	11,035	10,994	.46	.46	.42	.42	8.54	8.55
Illinois.....	11,493	11,345	2.13	2.23	1.86	1.96	8.56	8.89
Indiana.....	11,112	11,043	2.33	2.30	2.10	2.09	9.16	9.31
Kansas .....	10,949	10,931	4.05	4.08	3.70	3.73	19.57	19.33
Kentucky .....	12,231	12,214	1.56	1.56	1.27	1.28	10.50	10.46
Louisiana.....	6,963	6,764	.92	.89	1.32	1.32	12.49	14.25
Maryland .....	12,308	12,350	1.85	1.66	1.50	1.35	15.37	14.54
Missouri.....	10,996	11,105	3.52	3.23	3.20	2.90	15.63	14.98
Montana.....	9,004	9,016	.53	.53	.59	.59	6.84	6.74
New Mexico.....	9,397	9,351	.70	.70	.75	.75	19.83	19.80
North Dakota.....	6,547	6,562	.75	.76	1.15	1.16	9.39	9.11
Ohio.....	11,818	11,752	3.50	3.54	2.96	3.01	10.74	10.93
Oklahoma .....	12,694	12,664	3.67	3.50	2.89	2.76	10.23	10.48
Pennsylvania.....	12,812	12,612	1.86	1.81	1.45	1.43	9.74	11.04
Tennessee.....	12,503	12,433	1.19	1.29	.95	1.04	10.83	10.53
Texas .....	6,347	6,405	.97	1.04	1.53	1.63	16.66	16.09
Utah .....	11,765	11,520	.47	.47	.40	.40	9.53	10.59
Virginia.....	12,875	12,865	1.00	.99	.78	.77	9.73	9.73
Washington.....	7,803	7,849	.90	.67	1.16	.85	15.05	14.69
West Virginia.....	12,375	12,351	1.47	1.52	1.19	1.23	11.41	11.50
Wyoming.....	8,658	8,667	.33	.34	.38	.39	5.33	5.26
<b>Subtotal .....</b>	<b>10,153</b>	<b>10,230</b>	<b>1.01</b>	<b>1.07</b>	<b>.99</b>	<b>1.04</b>	<b>9.03</b>	<b>9.21</b>
Imported .....	11,906	11,967	.57	.61	.48	.51	5.57	5.67
<b>Total.....</b>	<b>10,163</b>	<b>10,241</b>	<b>1.01</b>	<b>1.06</b>	<b>.99</b>	<b>1.04</b>	<b>9.01</b>	<b>9.18</b>

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

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

**Table ES4. Receipts of Coal by Rank, 1995-1999**

Rank	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per Million Btu)	(dollars per short ton)
<b>1999</b>							
Anthracite <sup>1</sup> .....	137	7,509	0.64	0.86	37.8	52.6	7.91
Bituminous .....	444,399	12,064	1.57	1.30	10.2	131.4	31.70
Subbituminous.....	386,271	8,724	.38	.43	6.6	110.4	19.26
Lignite .....	77,425	6,434	.90	1.39	14.2	92.8	11.94
<b>Total.....</b>	<b>908,232</b>	<b>10,163</b>	<b>1.01</b>	<b>.99</b>	<b>9.01</b>	<b>121.6</b>	<b>24.72</b>
<b>1998</b>							
Anthracite <sup>1</sup> .....	511	7,479	.55	.74	37.6	90.1	13.47
Bituminous .....	478,252	12,033	1.61	1.34	10.5	134.6	32.38
Subbituminous.....	373,496	8,728	.38	.44	6.6	113.3	19.79
Lignite .....	77,189	6,471	.95	1.46	13.8	94.3	12.20
<b>Total.....</b>	<b>929,448</b>	<b>10,241</b>	<b>1.06</b>	<b>1.04</b>	<b>9.18</b>	<b>125.2</b>	<b>25.64</b>
<b>1997</b>							
Anthracite <sup>1</sup> .....	751	7,511	.53	.71	36.7	102.5	15.39
Bituminous .....	466,104	12,017	1.65	1.38	10.5	135.0	32.45
Subbituminous.....	336,805	8,737	.40	.45	6.7	118.5	20.71
Lignite .....	76,928	6,478	.98	1.51	13.8	92.6	12.00
<b>Total.....</b>	<b>880,588</b>	<b>10,275</b>	<b>1.11</b>	<b>1.08</b>	<b>9.36</b>	<b>127.3</b>	<b>26.16</b>
<b>1996</b>							
Anthracite <sup>1</sup> .....	735	7,180	.52	.73	37.7	110.0	15.79
Bituminous .....	454,814	12,027	1.64	1.37	10.3	136.6	32.86
Subbituminous.....	328,874	8,724	.39	.45	6.6	120.4	21.02
Lignite .....	78,278	6,503	.92	1.41	13.6	93.6	12.17
<b>Total.....</b>	<b>862,701</b>	<b>10,263</b>	<b>1.10</b>	<b>1.07</b>	<b>9.22</b>	<b>128.9</b>	<b>26.45</b>
<b>1995</b>							
Anthracite <sup>1</sup> .....	857	7,286	.53	.72	37.4	101.2	14.74
Bituminous .....	432,586	12,063	1.60	1.33	10.2	140.3	33.85
Subbituminous.....	316,195	8,710	.39	.45	6.7	122.3	21.31
Lignite .....	77,222	6,407	.99	1.54	14.0	94.9	12.16
<b>Total.....</b>	<b>826,860</b>	<b>10,248</b>	<b>1.08</b>	<b>1.05</b>	<b>9.23</b>	<b>131.8</b>	<b>27.01</b>

<sup>1</sup> Anthracite includes anthracite silt and culm delivered from off-site storage.

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

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

# Fossil-Fuel Data at the Census Division and State Level

**Table 1. Receipts of Coal by Census Division and State, 1995-1999**

(Thousand Short Tons)

Census Division and State	1999	1998	1997	1996	1995
<b>New England</b> .....	<b>1,764</b>	<b>5,538</b>	<b>7,125</b>	<b>6,947</b>	<b>6,072</b>
Connecticut .....	35	657	952	931	841
Maine .....	—	—	—	—	—
Massachusetts .....	394	3,473	4,545	4,693	3,859
New Hampshire .....	1,335	1,408	1,628	1,324	1,372
Rhode Island .....	—	—	—	—	—
Vermont .....	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>40,575</b>	<b>55,557</b>	<b>54,185</b>	<b>51,066</b>	<b>48,188</b>
New Jersey .....	2,597	2,312	2,087	2,412	2,160
New York .....	4,047	9,296	8,277	7,896	7,575
Pennsylvania .....	33,932	43,948	43,821	40,759	38,453
<b>East North Central</b> .....	<b>201,873</b>	<b>208,745</b>	<b>202,401</b>	<b>194,371</b>	<b>184,018</b>
Illinois .....	36,241	39,867	40,750	37,441	33,905
Indiana .....	56,933	57,091	53,353	51,680	49,676
Michigan .....	33,281	34,906	32,145	30,177	31,214
Ohio .....	51,568	53,442	52,743	52,268	47,768
Wisconsin .....	23,850	23,438	23,410	22,804	21,456
<b>West North Central</b> .....	<b>133,751</b>	<b>134,443</b>	<b>120,150</b>	<b>121,696</b>	<b>117,821</b>
Iowa .....	21,474	21,657	16,675	18,116	18,095
Kansas .....	19,553	18,445	16,672	17,950	17,812
Minnesota .....	16,559	17,915	17,591	16,744	16,862
Missouri .....	37,486	38,589	33,553	33,718	30,819
Nebraska .....	11,970	11,940	10,638	10,275	10,063
North Dakota .....	24,650	24,199	23,087	23,586	22,294
South Dakota .....	2,059	1,699	1,934	1,307	1,877
<b>South Atlantic</b> .....	<b>159,284</b>	<b>159,850</b>	<b>149,311</b>	<b>146,322</b>	<b>132,902</b>
Delaware .....	1,204	1,744	1,682	1,745	1,720
District of Columbia .....	—	—	—	—	—
Florida .....	25,477	27,904	27,595	26,700	24,202
Georgia .....	33,296	31,748	28,346	28,870	28,490
Maryland .....	11,143	10,845	10,139	10,949	9,901
North Carolina .....	25,575	27,818	26,151	24,646	19,792
South Carolina .....	12,877	12,945	11,835	10,951	9,771
Virginia .....	12,932	12,716	11,930	11,024	8,624
West Virginia .....	36,780	34,130	31,633	31,438	30,402
<b>East South Central</b> .....	<b>99,586</b>	<b>100,791</b>	<b>102,352</b>	<b>96,969</b>	<b>93,394</b>
Alabama .....	30,192	30,920	30,378	29,510	28,131
Kentucky .....	35,435	36,962	39,550	38,383	36,891
Mississippi .....	6,423	5,886	6,043	5,428	4,271
Tennessee .....	27,537	27,023	26,381	23,649	24,100
<b>West South Central</b> .....	<b>151,343</b>	<b>144,195</b>	<b>135,858</b>	<b>141,043</b>	<b>136,806</b>
Arkansas .....	15,406	14,173	11,879	14,736	14,082
Louisiana .....	13,854	14,043	13,167	12,504	13,409
Oklahoma .....	20,999	19,747	18,378	19,571	19,713
Texas .....	101,084	96,231	92,435	94,232	89,602
<b>Mountain</b> .....	<b>112,242</b>	<b>112,208</b>	<b>103,539</b>	<b>98,869</b>	<b>101,149</b>
Arizona .....	19,712	18,826	16,788	15,027	15,762
Colorado .....	18,389	18,061	16,711	16,416	16,503
Idaho .....	—	—	—	—	—
Montana .....	10,417	10,520	9,160	7,877	9,313
Nevada .....	8,075	8,035	6,851	7,304	7,422
New Mexico .....	16,059	15,841	15,775	15,003	14,671
Utah .....	14,193	14,896	15,053	13,695	13,524
Wyoming .....	25,396	26,029	23,201	23,547	23,955
<b>Pacific Contiguous</b> .....	<b>7,812</b>	<b>8,120</b>	<b>5,667</b>	<b>5,418</b>	<b>6,510</b>
California .....	—	—	—	—	—
Oregon .....	2,326	2,014	875	838	1,200
Washington .....	5,486	6,106	4,792	4,580	5,310
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—
Alaska .....	—	—	—	—	—
Hawaii .....	—	—	—	—	—
<b>Total</b> .....	<b>908,232</b>	<b>929,448</b>	<b>880,588</b>	<b>862,701</b>	<b>826,860</b>

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

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

**Table 2. Average Delivered Cost of Coal by Census Division and State, 1995-1999**

Census Division and State	1999	1998	1997	1996	1995	1999	1998	1997	1996	1995
	(cents per million Btu)					(dollars per short ton)				
<b>New England</b>	<b>156.8</b>	<b>167.6</b>	<b>171.2</b>	<b>170.2</b>	<b>168.7</b>	<b>41.22</b>	<b>42.94</b>	<b>43.67</b>	<b>43.55</b>	<b>43.34</b>
Connecticut	169.3	181.1	190.5	191.0	188.1	45.85	47.59	50.02	50.05	49.33
Maine	—	—	—	—	—	—	—	—	—	—
Massachusetts	173.4	167.6	169.9	168.8	167.9	45.63	42.30	42.72	42.64	42.63
New Hampshire	151.5	161.2	163.2	160.6	158.9	39.79	42.35	42.62	42.23	41.67
Rhode Island	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b>	<b>132.5</b>	<b>137.6</b>	<b>138.3</b>	<b>140.8</b>	<b>138.8</b>	<b>33.48</b>	<b>34.33</b>	<b>34.39</b>	<b>35.08</b>	<b>34.63</b>
New Jersey	145.4	159.0	175.6	175.2	177.6	38.23	41.71	45.94	45.53	47.17
New York	144.9	143.4	142.4	142.8	141.2	37.77	37.44	37.32	37.15	36.86
Pennsylvania	129.9	135.0	135.5	138.2	135.9	32.61	33.28	33.28	34.06	33.48
<b>East North Central</b>	<b>125.9</b>	<b>129.9</b>	<b>130.7</b>	<b>133.3</b>	<b>139.0</b>	<b>26.60</b>	<b>27.51</b>	<b>27.68</b>	<b>28.29</b>	<b>29.67</b>
Illinois	143.7	155.7	155.4	162.7	163.4	27.47	30.22	30.41	32.14	32.58
Indiana	111.0	112.3	116.4	119.1	125.5	23.58	23.63	24.35	24.67	25.94
Michigan	130.6	133.4	136.9	139.7	144.9	27.39	28.19	28.93	29.34	30.95
Ohio	136.2	136.5	132.1	134.0	142.0	32.47	32.52	31.41	32.31	34.44
Wisconsin	102.3	107.4	109.0	106.0	113.5	18.66	19.97	20.43	19.55	21.23
<b>West North Central</b>	<b>87.3</b>	<b>88.9</b>	<b>91.7</b>	<b>92.1</b>	<b>95.7</b>	<b>14.58</b>	<b>14.91</b>	<b>15.39</b>	<b>15.53</b>	<b>16.10</b>
Iowa	82.1	87.6	93.7	94.1	98.7	14.09	15.12	16.23	16.30	17.13
Kansas	95.4	98.1	102.1	99.2	102.1	16.47	17.06	17.91	17.51	17.83
Minnesota	109.6	106.9	109.5	106.6	114.0	19.47	19.00	19.47	18.99	20.12
Missouri	92.6	91.7	93.4	95.5	98.4	16.56	16.40	16.80	17.31	18.14
Nebraska	55.4	58.6	58.5	71.9	74.8	9.42	10.07	10.06	12.37	12.86
North Dakota	73.0	76.2	77.8	73.7	73.3	9.56	10.01	10.21	9.72	9.65
South Dakota	93.6	92.7	92.0	93.7	102.9	16.16	16.19	15.99	16.94	14.35
<b>South Atlantic<sup>1</sup></b>	<b>141.1</b>	<b>144.7</b>	<b>147.6</b>	<b>149.3</b>	<b>155.2</b>	<b>34.84</b>	<b>35.58</b>	<b>36.34</b>	<b>36.68</b>	<b>38.25</b>
Delaware	158.9	156.3	157.1	159.4	161.5	41.12	40.52	41.05	41.51	42.27
District of Columbia	—	—	—	—	—	—	—	—	—	—
Florida <sup>1</sup>	158.9	164.8	172.5	173.9	178.6	39.08	40.03	41.82	42.40	43.93
Georgia	154.6	154.5	158.6	157.8	166.8	36.29	36.31	37.28	36.54	38.62
Maryland	137.9	145.7	150.0	149.4	150.4	35.69	37.63	38.75	38.49	39.00
North Carolina	143.8	143.8	142.9	148.4	162.8	35.80	35.66	35.35	36.87	40.57
South Carolina	141.6	144.7	144.7	147.1	151.2	36.29	37.05	37.21	37.54	38.86
Virginia	134.3	137.8	139.3	141.8	144.8	34.11	34.73	34.98	35.73	36.90
West Virginia	118.2	122.2	123.7	124.9	127.3	29.22	30.06	30.68	30.93	31.61
<b>East South Central<sup>1</sup></b>	<b>123.2</b>	<b>126.0</b>	<b>123.9</b>	<b>125.3</b>	<b>127.4</b>	<b>28.03</b>	<b>29.10</b>	<b>28.70</b>	<b>29.35</b>	<b>30.08</b>
Alabama <sup>1</sup>	147.6	157.5	153.6	154.3	156.0	32.36	36.28	35.58	36.39	37.00
Kentucky <sup>1</sup>	105.8	105.9	104.6	105.9	110.6	24.52	24.52	24.20	24.43	25.71
Mississippi	155.2	153.8	154.7	151.1	153.3	34.34	32.51	32.44	33.31	34.40
Tennessee <sup>1</sup>	113.1	112.5	112.5	114.6	115.2	26.32	26.39	26.67	27.64	27.94
<b>West South Central</b>	<b>120.4</b>	<b>123.4</b>	<b>126.7</b>	<b>129.1</b>	<b>133.6</b>	<b>18.86</b>	<b>19.34</b>	<b>19.69</b>	<b>20.13</b>	<b>20.66</b>
Arkansas	145.6	147.2	164.0	150.3	161.1	25.19	25.53	28.56	26.15	27.99
Louisiana	139.8	142.9	147.9	151.4	154.9	22.79	23.15	23.97	24.74	25.13
Oklahoma	91.2	91.0	91.8	97.6	99.4	15.73	15.74	15.87	16.79	17.00
Texas	120.0	123.9	125.9	129.5	133.7	18.01	18.61	18.69	19.26	19.65
<b>Mountain</b>	<b>106.1</b>	<b>107.3</b>	<b>110.7</b>	<b>112.0</b>	<b>110.4</b>	<b>20.69</b>	<b>20.83</b>	<b>21.52</b>	<b>21.82</b>	<b>21.51</b>
Arizona	132.7	133.1	142.5	144.4	139.4	27.21	27.12	28.95	29.55	28.65
Colorado	98.5	98.7	100.9	102.6	104.8	19.20	19.41	19.93	20.24	20.73
Idaho	—	—	—	—	—	—	—	—	—	—
Montana	72.7	67.4	68.3	70.5	67.3	12.26	11.36	11.52	11.90	11.47
Nevada	129.4	129.8	139.2	136.6	131.0	29.13	29.07	31.10	30.44	29.02
New Mexico	132.9	130.6	133.6	142.8	141.7	24.27	23.72	24.23	26.04	25.59
Utah	103.1	114.8	111.3	107.1	109.4	23.96	25.97	25.22	24.66	25.27
Wyoming	76.2	78.6	80.6	82.0	81.8	13.39	13.83	14.16	14.30	14.29
<b>Pacific Contiguous</b>	<b>140.8</b>	<b>138.4</b>	<b>154.5</b>	<b>148.5</b>	<b>136.2</b>	<b>23.77</b>	<b>23.07</b>	<b>25.19</b>	<b>23.96</b>	<b>22.83</b>
California	—	—	—	—	—	—	—	—	—	—
Oregon	107.9	108.9	113.9	107.1	105.8	19.34	18.92	19.95	18.81	18.79
Washington	156.0	148.7	162.6	156.9	143.6	25.65	24.44	26.15	24.91	23.74
<b>Pacific Noncontiguous</b>	—	—	—	—	—	—	—	—	—	—
Alaska	—	—	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—	—	—
<b>Total</b>	<b>121.6</b>	<b>125.2</b>	<b>127.3</b>	<b>128.9</b>	<b>131.8</b>	<b>24.72</b>	<b>25.64</b>	<b>26.16</b>	<b>26.45</b>	<b>27.01</b>

<sup>1</sup> The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 5, 6, and 7 at the end of Table 31.

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

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



**Table 3. Receipts and Average Delivered Cost of Coal by Type of Purchase, Mine Type, Census Division and State, 1999**

Census Division and State	Type of Purchase						Mine Type					
	Contract			Spot			Surface			Underground		
	Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost	
		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)
<b>New England</b> .....	<b>1,025</b>	<b>160.9</b>	<b>42.54</b>	<b>740</b>	<b>150.9</b>	<b>39.39</b>	<b>542</b>	<b>144.4</b>	<b>37.62</b>	<b>1,223</b>	<b>162.2</b>	<b>42.81</b>
Connecticut.....	—	—	—	35	169.3	45.85	35	169.3	45.85	—	—	—
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	225	175.0	46.21	169	171.3	44.87	—	—	—	394	173.4	45.63
New Hampshire.....	800	156.9	41.51	535	143.2	37.23	507	142.6	37.05	829	156.8	41.47
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>33,858</b>	<b>135.7</b>	<b>34.34</b>	<b>6,717</b>	<b>115.9</b>	<b>29.16</b>	<b>11,441</b>	<b>120.0</b>	<b>29.59</b>	<b>29,135</b>	<b>137.2</b>	<b>35.01</b>
New Jersey.....	2,408	145.5	38.20	189	143.3	38.65	1,029	147.5	38.08	1,568	144.0	38.33
New York.....	3,312	146.2	38.24	735	139.0	35.66	159	127.9	29.89	3,887	145.5	38.10
Pennsylvania.....	28,138	133.6	33.55	5,793	112.0	28.02	10,253	116.9	28.73	23,679	135.3	34.28
<b>East North Central</b> .....	<b>149,765</b>	<b>131.1</b>	<b>27.47</b>	<b>52,108</b>	<b>111.5</b>	<b>24.11</b>	<b>143,530</b>	<b>120.7</b>	<b>24.13</b>	<b>58,343</b>	<b>136.7</b>	<b>32.66</b>
Illinois.....	28,547	152.2	29.55	7,695	109.6	19.78	24,265	152.0	27.19	11,977	129.7	28.04
Indiana.....	43,866	112.0	23.53	13,067	108.0	23.76	44,768	105.6	21.78	12,165	128.4	30.24
Michigan.....	26,681	131.6	26.59	6,599	127.2	30.65	26,000	131.2	25.77	7,280	129.1	33.21
Ohio.....	35,141	148.1	35.42	16,427	110.5	26.16	27,314	127.3	29.53	24,253	145.7	35.78
Wisconsin.....	15,531	100.5	18.26	8,320	105.7	19.40	21,182	95.5	16.65	2,668	141.1	34.57
<b>West North Central</b> .....	<b>102,321</b>	<b>87.2</b>	<b>14.31</b>	<b>31,430</b>	<b>87.8</b>	<b>15.45</b>	<b>130,969</b>	<b>85.8</b>	<b>14.21</b>	<b>2,782</b>	<b>136.5</b>	<b>31.97</b>
Iowa.....	15,168	80.9	13.82	6,306	84.9	14.76	20,734	79.9	13.53	740	127.9	29.81
Kansas.....	13,878	105.7	18.17	5,675	70.6	12.31	19,200	94.3	16.17	353	142.9	32.32
Minnesota.....	15,454	108.9	19.34	1,106	118.9	21.24	16,525	109.4	19.43	35	151.0	36.11
Missouri.....	20,714	91.6	16.48	16,772	93.7	16.66	35,843	89.7	15.82	1,643	138.9	32.83
Nebraska.....	10,786	54.1	9.21	1,185	67.4	11.35	11,959	55.4	9.41	11	116.0	24.78
North Dakota.....	24,649	73.0	9.56	*	54.2	7.67	24,650	73.0	9.56	—	—	—
South Dakota.....	1,672	93.0	16.15	387	96.3	16.21	2,059	93.6	16.16	—	—	—
<b>South Atlantic</b> <sup>1</sup> .....	<b>118,801</b>	<b>142.7</b>	<b>35.77</b>	<b>40,483</b>	<b>136.3</b>	<b>32.12</b>	<b>68,944</b>	<b>144.7</b>	<b>34.85</b>	<b>90,340</b>	<b>138.5</b>	<b>34.83</b>
Delaware.....	1,075	158.4	41.02	129	163.2	41.98	399	166.2	41.57	805	155.5	40.90
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida <sup>1</sup> .....	18,003	164.9	40.67	7,474	144.2	35.24	7,629	159.2	38.34	17,848	158.7	39.39
Georgia.....	19,429	158.5	39.97	13,867	148.0	31.13	22,166	150.5	34.14	11,130	161.9	40.56
Maryland.....	9,825	138.2	35.72	1,318	135.5	35.52	3,825	139.4	35.03	7,318	137.1	36.04
North Carolina.....	20,172	147.0	36.68	5,404	131.6	32.50	13,712	143.1	35.55	11,864	144.5	36.09
South Carolina.....	10,561	142.1	36.47	2,316	139.6	35.44	3,477	148.8	37.65	9,400	139.0	35.78
Virginia.....	9,457	134.7	34.15	3,474	133.2	33.99	4,994	136.8	35.05	7,938	132.6	33.52
West Virginia.....	30,279	119.9	29.64	6,502	110.1	27.26	12,744	131.4	32.14	24,037	111.3	27.67
<b>East South Central</b> <sup>1</sup> .....	<b>82,077</b>	<b>124.1</b>	<b>27.87</b>	<b>17,510</b>	<b>119.1</b>	<b>28.80</b>	<b>41,836</b>	<b>115.0</b>	<b>24.22</b>	<b>57,750</b>	<b>128.4</b>	<b>30.79</b>
Alabama <sup>1</sup> .....	25,878	150.8	32.41	4,313	130.9	32.07	14,594	127.1	24.55	15,598	162.8	39.67
Kentucky <sup>1</sup> .....	26,381	105.4	24.08	9,054	107.0	25.80	18,762	105.1	24.16	16,673	106.7	24.92
Mississippi.....	4,579	156.4	34.08	1,844	152.5	35.00	3,112	145.4	29.50	3,312	163.1	38.90
Tennessee <sup>1</sup> .....	25,238	112.6	26.04	2,298	118.8	29.45	5,369	104.8	20.47	22,168	114.7	27.74
<b>West South Central</b> .....	<b>141,852</b>	<b>120.2</b>	<b>18.72</b>	<b>9,491</b>	<b>121.8</b>	<b>20.98</b>	<b>151,181</b>	<b>120.3</b>	<b>18.85</b>	<b>162</b>	<b>145.5</b>	<b>33.91</b>
Arkansas.....	13,942	148.4	25.70	1,464	118.8	20.31	15,406	145.6	25.19	—	—	—
Louisiana.....	13,854	139.8	22.79	—	—	—	13,854	139.8	22.79	—	—	—
Oklahoma.....	20,999	91.2	15.73	—	—	—	20,999	91.2	15.73	—	—	—
Texas.....	93,056	119.7	17.74	8,027	122.4	21.10	100,922	119.9	17.98	162	145.5	33.91
<b>Mountain</b> .....	<b>106,356</b>	<b>106.1</b>	<b>20.63</b>	<b>5,886</b>	<b>105.9</b>	<b>21.79</b>	<b>90,959</b>	<b>105.4</b>	<b>19.68</b>	<b>21,283</b>	<b>108.2</b>	<b>25.02</b>
Arizona.....	17,232	132.9	27.36	2,480	130.7	26.19	19,418	131.5	26.94	295	200.4	45.51
Colorado.....	16,807	100.6	19.55	1,582	77.1	15.52	15,176	98.1	18.49	3,213	100.0	22.58
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	10,417	72.7	12.26	—	—	—	10,417	72.7	12.26	—	—	—
Nevada.....	6,959	133.6	29.87	1,115	104.2	24.48	4,493	130.5	28.65	3,582	128.1	29.72
New Mexico.....	16,059	132.9	24.27	—	—	—	16,059	132.9	24.27	—	—	—
Utah.....	13,898	102.5	23.85	295	130.6	28.85	—	—	—	14,193	103.1	23.96
Wyoming.....	24,983	76.7	13.49	413	42.3	7.11	25,396	76.2	13.39	—	—	—
<b>Pacific Contiguous</b> .....	<b>3,984</b>	<b>171.0</b>	<b>26.68</b>	<b>3,828</b>	<b>113.9</b>	<b>20.75</b>	<b>7,525</b>	<b>142.8</b>	<b>23.75</b>	<b>287</b>	<b>102.6</b>	<b>24.36</b>
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	2,326	107.9	19.34	2,039	108.9	18.63	287	102.6	24.36
Washington.....	3,984	171.0	26.68	1,502	122.7	22.93	5,486	156.0	25.65	—	—	—
<b>Pacific Noncontiguous</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>740,039</b>	<b>123.0</b>	<b>24.70</b>	<b>168,193</b>	<b>116.1</b>	<b>24.84</b>	<b>646,927</b>	<b>115.3</b>	<b>21.51</b>	<b>261,304</b>	<b>133.5</b>	<b>32.67</b>

<sup>1</sup> The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 5, 6, and 7 at the end of Table 31.

\* = Number less than 0.5.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

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

**Table 4. Receipts and Average Delivered Cost of Coal by Rank, Census Division, and State, 1999**

Census Division and State	Bituminous <sup>1</sup>			Subbituminous			Lignite			Total		
	Receipts (1,000 short tons)	Heat Value (Btu per pound)	Cost (cents per MM Btu)	Receipts (1,000 short tons)	Heat Value (Btu per pound)	Cost (cents per MM Btu)	Receipts (1,000 short tons)	Heat Value (Btu per pound)	Cost (cents per MM Btu)	Receipts (1,000 short tons)	Heat Value (Btu per pound)	Cost (cents per MM Btu)
<b>New England</b> .....	<b>1,764</b>	<b>13,147</b>	<b>156.8</b>	—	—	—	—	—	—	<b>1,764</b>	<b>13,147</b>	<b>156.8</b>
Connecticut.....	35	13,541	169.3	—	—	—	—	—	—	35	13,541	169.3
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	394	13,160	173.4	—	—	—	—	—	—	394	13,160	173.4
New Hampshire.....	1,335	13,133	151.5	—	—	—	—	—	—	1,335	13,133	151.5
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>40,575</b>	<b>12,638</b>	<b>132.5</b>	—	—	—	—	—	—	<b>40,575</b>	<b>12,638</b>	<b>132.5</b>
New Jersey.....	2,597	13,150	145.4	—	—	—	—	—	—	2,597	13,150	145.4
New York.....	4,047	13,034	144.9	—	—	—	—	—	—	4,047	13,034	144.9
Pennsylvania.....	33,932	12,552	129.9	—	—	—	—	—	—	33,932	12,552	129.9
<b>East North Central</b> .....	<b>120,585</b>	<b>11,733</b>	<b>128.4</b>	<b>81,288</b>	<b>8,823</b>	<b>121.1</b>	—	—	—	<b>201,873</b>	<b>10,562</b>	<b>125.9</b>
Illinois.....	13,599	10,825	126.7	22,642	8,801	156.2	—	—	—	36,241	9,560	143.7
Indiana.....	41,033	11,339	113.0	15,900	8,764	104.5	—	—	—	56,933	10,620	111.0
Michigan.....	13,102	12,651	139.0	20,179	9,082	123.0	—	—	—	33,281	10,487	130.6
Ohio.....	49,671	12,038	136.8	1,897	8,785	116.2	—	—	—	51,568	11,918	136.2
Wisconsin.....	3,180	12,169	143.3	20,670	8,645	93.5	—	—	—	23,850	9,115	102.3
<b>West North Central</b> .....	<b>4,685</b>	<b>11,378</b>	<b>128.5</b>	<b>104,417</b>	<b>8,636</b>	<b>87.4</b>	<b>24,649</b>	<b>6,547</b>	<b>73.0</b>	<b>133,751</b>	<b>8,347</b>	<b>87.3</b>
Iowa.....	889	11,717	126.8	20,585	8,446	79.4	—	—	—	21,474	8,581	82.1
Kansas.....	1,056	11,021	122.6	18,497	8,491	93.4	—	—	—	19,553	8,628	95.4
Minnesota.....	118	11,143	155.3	16,442	8,867	109.2	—	—	—	16,559	8,883	109.6
Missouri.....	2,611	11,421	130.2	34,874	8,763	88.9	—	—	—	37,486	8,948	92.6
Nebraska.....	11	10,683	116.0	11,959	8,496	55.4	—	—	—	11,970	8,498	55.4
North Dakota.....	—	—	—	*	7,072	54.2	24,649	6,547	73.0	24,650	6,547	73.0
South Dakota.....	—	—	—	2,059	8,630	93.6	—	—	—	2,059	8,630	93.6
<b>South Atlantic</b> <sup>2</sup> .....	<b>152,033</b>	<b>12,517</b>	<b>140.8</b>	<b>7,251</b>	<b>8,728</b>	<b>150.0</b>	—	—	—	<b>159,284</b>	<b>12,344</b>	<b>141.1</b>
Delaware.....	1,204	12,935	158.9	—	—	—	—	—	—	1,204	12,935	158.9
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida <sup>2</sup> .....	25,047	12,359	159.3	430	8,802	126.4	—	—	—	25,477	12,299	158.9
Georgia.....	26,475	12,517	155.1	6,821	8,724	151.5	—	—	—	33,296	11,740	154.6
Maryland.....	11,143	12,943	137.9	—	—	—	—	—	—	11,143	12,943	137.9
North Carolina.....	25,575	12,450	143.8	—	—	—	—	—	—	25,575	12,450	143.8
South Carolina.....	12,877	12,809	141.6	—	—	—	—	—	—	12,877	12,809	141.6
Virginia.....	12,932	12,702	134.3	—	—	—	—	—	—	12,932	12,702	134.3
West Virginia.....	36,780	12,361	118.2	—	—	—	—	—	—	36,780	12,361	118.2
<b>East South Central</b> <sup>2</sup> .....	<b>82,401</b>	<b>11,917</b>	<b>124.4</b>	<b>17,186</b>	<b>8,781</b>	<b>115.1</b>	—	—	—	<b>99,586</b>	<b>11,376</b>	<b>123.2</b>
Alabama <sup>2</sup> .....	19,860	12,151	159.1	10,332	8,679	116.6	—	—	—	30,192	10,963	147.6
Kentucky <sup>2</sup> .....	34,666	11,644	105.9	768	8,783	104.3	—	—	—	35,435	11,582	105.8
Mississippi.....	4,273	11,937	158.4	2,150	9,324	147.2	—	—	—	6,423	11,062	155.2
Tennessee <sup>2</sup> .....	23,601	12,116	115.4	3,936	8,750	94.6	—	—	—	27,537	11,635	113.1
<b>West South Central</b> .....	<b>1,421</b>	<b>10,791</b>	<b>139.9</b>	<b>97,362</b>	<b>8,579</b>	<b>127.2</b>	<b>52,560</b>	<b>6,380</b>	<b>102.3</b>	<b>151,343</b>	<b>7,836</b>	<b>120.4</b>
Arkansas.....	—	—	—	15,406	8,651	145.6	—	—	—	15,406	8,651	145.6
Louisiana.....	—	—	—	11,044	8,451	141.1	2,810	6,963	133.7	13,854	8,149	139.8
Oklahoma.....	112	12,993	101.7	20,888	8,596	91.2	—	—	—	20,999	8,619	91.2
Texas.....	1,310	10,603	143.9	50,024	8,577	133.6	49,750	6,347	100.4	101,084	7,506	120.0
<b>Mountain</b> .....	<b>40,770</b>	<b>11,143</b>	<b>113.8</b>	<b>71,257</b>	<b>8,969</b>	<b>100.6</b>	<b>215</b>	<b>6,714</b>	<b>89.2</b>	<b>112,242</b>	<b>9,755</b>	<b>106.1</b>
Arizona.....	7,418	10,954	123.0	12,295	9,836	139.2	—	—	—	19,712	10,257	132.7
Colorado.....	8,555	10,754	109.2	9,834	8,874	87.2	—	—	—	18,389	9,749	98.5
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	10,202	8,471	72.4	215	6,714	89.2	10,417	8,435	72.7
Nevada.....	8,075	11,257	129.4	—	—	—	—	—	—	8,075	11,257	129.4
New Mexico.....	—	—	—	16,059	9,132	132.9	—	—	—	16,059	9,132	132.9
Utah.....	14,193	11,620	103.1	—	—	—	—	—	—	14,193	11,620	103.1
Wyoming.....	2,529	9,977	115.5	22,867	8,652	71.2	—	—	—	25,396	8,784	76.2
<b>Pacific Contiguous</b> .....	<b>301</b>	<b>11,832</b>	<b>101.4</b>	<b>7,511</b>	<b>8,308</b>	<b>143.0</b>	—	—	—	<b>7,812</b>	<b>8,444</b>	<b>140.8</b>
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	301	11,832	101.4	2,025	8,535	109.2	—	—	—	2,326	8,961	107.9
Washington.....	—	—	—	5,486	8,224	156.0	—	—	—	5,486	8,224	156.0
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>444,536</b>	<b>12,063</b>	<b>131.4</b>	<b>386,271</b>	<b>8,724</b>	<b>110.4</b>	<b>77,425</b>	<b>6,434</b>	<b>92.8</b>	<b>908,232</b>	<b>10,163</b>	<b>121.6</b>

<sup>1</sup> Includes 137 thousand short tons of anthracite coal delivered to Pennsylvania.

<sup>2</sup> The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 5, 6, and 7 at the end of Table 31.

\* = Number less than 0.5

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

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

**Table 5. Receipts and Average Delivered Cost of Coal by Sulfur Content, Census Division, and State, 1999**

Census Division and State	0.5% or Less			More than 0.5% up to 1.0%			More than 1.0% up to 1.5%		
	Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost	
		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)
<b>New England</b> .....	<b>47</b>	<b>188.3</b>	<b>49.67</b>	<b>767</b>	<b>154.5</b>	<b>40.32</b>	<b>313</b>	<b>160.4</b>	<b>42.28</b>
Connecticut.....	—	—	—	35	169.3	45.85	—	—	—
Maine.....	—	—	—	—	—	—	—	—	—
Massachusetts.....	47	188.3	49.67	225	178.7	46.85	98	157.7	41.71
New Hampshire.....	—	—	—	507	142.6	37.05	215	161.6	42.54
Rhode Island.....	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>30</b>	<b>154.0</b>	<b>34.21</b>	<b>4,988</b>	<b>147.7</b>	<b>37.63</b>	<b>4,232</b>	<b>134.8</b>	<b>34.29</b>
New Jersey.....	—	—	—	1,941	142.3	37.75	90	137.0	33.94
New York.....	18	184.2	47.96	1,164	165.3	42.37	191	138.6	35.99
Pennsylvania.....	12	82.5	13.58	1,882	142.3	34.56	3,951	134.5	34.21
<b>East North Central</b> .....	<b>80,393</b>	<b>119.8</b>	<b>21.30</b>	<b>46,329</b>	<b>136.1</b>	<b>32.01</b>	<b>13,789</b>	<b>120.7</b>	<b>28.19</b>
Illinois.....	20,926	152.4	27.12	5,974	163.7	32.86	855	120.0	26.41
Indiana.....	16,144	104.8	18.45	7,369	136.3	31.94	8,461	119.4	26.69
Michigan.....	20,160	123.5	22.55	9,041	145.7	36.07	2,099	123.8	32.54
Ohio.....	1,947	115.6	20.41	22,924	125.5	30.10	1,300	106.2	26.43
Wisconsin.....	21,215	95.2	16.60	1,020	147.5	34.59	1,074	141.2	35.08
<b>West North Central</b> .....	<b>96,020</b>	<b>86.4</b>	<b>14.96</b>	<b>32,464</b>	<b>85.7</b>	<b>12.46</b>	<b>3,794</b>	<b>105.4</b>	<b>18.07</b>
Iowa.....	19,705	80.5	13.68	1,242	89.3	15.81	336	116.4	24.12
Kansas.....	18,932	94.6	16.16	155	142.6	32.10	—	—	—
Minnesota.....	9,889	108.1	19.31	6,647	111.5	19.63	23	162.5	39.10
Missouri.....	35,192	89.2	15.67	481	107.1	22.60	997	144.2	34.34
Nebraska.....	11,936	55.3	9.40	34	86.4	15.68	—	—	—
North Dakota.....	—	—	—	22,212	72.8	9.48	2,438	74.9	10.37
South Dakota.....	367	95.9	16.06	1,692	93.2	16.18	—	—	—
<b>South Atlantic</b> <sup>1</sup> .....	<b>7,860</b>	<b>149.0</b>	<b>26.26</b>	<b>79,451</b>	<b>147.3</b>	<b>36.74</b>	<b>35,964</b>	<b>142.6</b>	<b>36.27</b>
Delaware.....	—	—	—	757	168.0	42.99	400	143.8	37.94
District of Columbia.....	—	—	—	—	—	—	—	—	—
Florida <sup>1</sup> .....	1,021	133.6	24.90	9,354	164.3	40.84	6,373	163.4	41.31
Georgia.....	6,821	151.5	26.44	18,232	158.1	39.46	7,043	148.7	37.67
Maryland.....	—	—	—	4,949	139.4	35.25	4,189	136.4	35.95
North Carolina.....	—	—	—	21,411	145.1	36.19	4,158	136.8	33.78
South Carolina.....	18	141.8	34.86	3,421	147.2	37.69	7,929	139.6	35.71
Virginia.....	—	—	—	5,959	134.3	34.25	3,766	129.8	33.05
West Virginia.....	—	—	—	15,367	133.7	32.73	2,106	117.4	29.43
<b>East South Central</b> <sup>1</sup> .....	<b>24,428</b>	<b>121.6</b>	<b>23.51</b>	<b>23,002</b>	<b>152.4</b>	<b>37.02</b>	<b>11,572</b>	<b>124.4</b>	<b>30.58</b>
Alabama <sup>1</sup> .....	10,633	117.9	20.76	10,096	189.3	45.96	1,713	151.6	36.41
Kentucky <sup>1</sup> .....	3,668	127.2	28.42	9,354	115.0	28.08	3,870	109.1	26.61
Mississippi.....	3,501	149.9	30.49	1,653	173.4	41.66	898	149.4	36.09
Tennessee <sup>1</sup> .....	6,626	108.1	21.53	1,900	123.1	29.55	5,091	122.6	30.66
<b>West South Central</b> .....	<b>106,897</b>	<b>126.9</b>	<b>21.20</b>	<b>20,028</b>	<b>107.7</b>	<b>14.53</b>	<b>20,819</b>	<b>95.5</b>	<b>12.66</b>
Arkansas.....	15,406	145.6	25.19	—	—	—	—	—	—
Louisiana.....	9,784	141.8	23.92	3,573	134.3	20.24	497	135.5	18.86
Oklahoma.....	20,888	91.2	15.67	—	—	—	—	—	—
Texas.....	60,819	132.4	21.64	16,455	101.1	13.29	20,322	94.5	12.51
<b>Mountain</b> .....	<b>55,353</b>	<b>100.8</b>	<b>19.98</b>	<b>56,862</b>	<b>111.4</b>	<b>21.38</b>	<b>27</b>	<b>119.9</b>	<b>25.51</b>
Arizona.....	8,330	143.1	28.71	11,383	125.3	26.12	—	—	—
Colorado.....	16,182	98.6	18.89	2,180	97.4	21.45	27	119.9	25.51
Idaho.....	—	—	—	—	—	—	—	—	—
Montana.....	748	62.3	10.45	9,670	73.5	12.40	—	—	—
Nevada.....	6,357	129.9	29.07	1,717	127.6	29.33	—	—	—
New Mexico.....	—	—	—	16,059	132.9	24.27	—	—	—
Utah.....	10,512	105.3	24.34	3,681	97.0	22.87	—	—	—
Wyoming.....	13,225	50.7	8.53	12,172	101.7	18.66	—	—	—
<b>Pacific Contiguous</b> .....	<b>3,575</b>	<b>114.9</b>	<b>20.49</b>	<b>3,659</b>	<b>161.6</b>	<b>26.09</b>	<b>578</b>	<b>186.8</b>	<b>29.39</b>
California.....	—	—	—	—	—	—	—	—	—
Oregon.....	2,073	108.8	18.72	253	102.5	24.38	—	—	—
Washington.....	1,502	122.7	22.93	3,406	168.2	26.22	578	186.8	29.39
<b>Pacific Noncontiguous</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Alaska.....	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>374,602</b>	<b>110.9</b>	<b>19.69</b>	<b>267,549</b>	<b>131.9</b>	<b>27.95</b>	<b>91,088</b>	<b>128.5</b>	<b>28.05</b>

<sup>1</sup> The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 5, 6, and 7 at the end of Table 31.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

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

**Table 5. Receipts and Average Delivered Cost of Coal by Sulfur Content, Census Division, and State, 1999 (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 Receipts Cost	
	Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		(cents per MM Btu)	(\$ per short ton)
		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		
<b>New England</b> .....	<b>439</b>	<b>157.2</b>	<b>41.56</b>	<b>200</b>	<b>151.3</b>	<b>40.26</b>	—	—	—	<b>156.8</b>	<b>41.22</b>
Connecticut.....	—	—	—	—	—	—	—	—	—	169.3	45.85
Maine.....	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	25	159.1	42.39	—	—	—	—	—	—	173.4	45.63
New Hampshire.....	414	157.1	41.51	200	151.3	40.26	—	—	—	151.5	39.79
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>11,796</b>	<b>127.9</b>	<b>32.45</b>	<b>14,286</b>	<b>122.8</b>	<b>31.40</b>	<b>5,243</b>	<b>154.1</b>	<b>36.87</b>	<b>132.5</b>	<b>33.48</b>
New Jersey.....	—	—	—	565	157.4	40.56	—	—	—	145.4	38.23
New York.....	1,273	138.6	36.35	1,400	134.4	35.36	—	—	—	144.9	37.77
Pennsylvania.....	10,523	126.5	31.98	12,321	119.8	30.53	5,243	154.1	36.87	129.9	32.61
<b>East North Central</b> .....	<b>8,146</b>	<b>114.0</b>	<b>27.10</b>	<b>27,497</b>	<b>108.9</b>	<b>25.24</b>	<b>25,719</b>	<b>147.1</b>	<b>33.87</b>	<b>125.9</b>	<b>26.60</b>
Illinois.....	204	105.3	21.55	5,373	107.5	23.19	2,908	129.9	27.58	143.7	27.47
Indiana.....	4,520	109.8	24.42	12,427	101.1	23.02	8,011	104.3	23.36	111.0	23.58
Michigan.....	984	123.8	32.12	655	119.5	30.40	342	126.5	32.46	130.6	27.39
Ohio.....	1,946	111.4	28.93	9,005	118.8	29.10	14,446	173.2	40.99	136.2	32.47
Wisconsin.....	493	140.9	36.66	37	140.0	36.44	12	141.4	36.97	102.3	18.66
<b>West North Central</b> .....	<b>6</b>	<b>87.4</b>	<b>19.27</b>	<b>248</b>	<b>125.1</b>	<b>28.81</b>	<b>1,219</b>	<b>120.4</b>	<b>27.46</b>	<b>87.3</b>	<b>14.58</b>
Iowa.....	—	—	—	117	113.8	27.21	74	112.8	28.22	82.1	14.09
Kansas.....	—	—	—	—	—	—	466	106.1	23.66	95.4	16.47
Minnesota.....	—	—	—	—	—	—	—	—	—	109.6	19.47
Missouri.....	6	87.4	19.27	131	136.0	30.24	679	130.7	29.99	92.6	16.56
Nebraska.....	—	—	—	—	—	—	—	—	—	55.4	9.42
North Dakota.....	—	—	—	—	—	—	—	—	—	73.0	9.56
South Dakota.....	—	—	—	—	—	—	—	—	—	93.6	16.16
<b>South Atlantic</b> <sup>1</sup> .....	<b>15,308</b>	<b>122.6</b>	<b>30.96</b>	<b>8,123</b>	<b>146.2</b>	<b>36.35</b>	<b>12,578</b>	<b>113.3</b>	<b>27.85</b>	<b>141.1</b>	<b>34.84</b>
Delaware.....	46	146.1	38.03	—	—	—	—	—	—	158.9	41.12
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—
Florida <sup>1</sup> .....	936	154.7	39.06	5,741	146.6	36.14	2,052	165.7	39.38	158.9	39.08
Georgia.....	1,183	147.2	36.07	17	143.6	35.28	—	—	—	154.6	36.29
Maryland.....	1,803	137.7	36.27	202	136.0	36.08	—	—	—	137.9	35.69
North Carolina.....	—	—	—	6	120.0	28.32	—	—	—	143.8	35.80
South Carolina.....	1,385	140.4	36.23	123	133.4	34.71	—	—	—	141.6	36.29
Virginia.....	1,014	141.7	36.22	1,794	141.2	35.61	398	125.3	29.80	134.3	34.11
West Virginia.....	8,940	107.7	26.91	239	191.5	48.34	10,128	102.7	25.44	118.2	29.22
<b>East South Central</b> <sup>1</sup> .....	<b>9,676</b>	<b>119.4</b>	<b>29.33</b>	<b>14,834</b>	<b>109.3</b>	<b>26.05</b>	<b>16,074</b>	<b>95.1</b>	<b>21.22</b>	<b>123.2</b>	<b>28.03</b>
Alabama <sup>1</sup> .....	3,528	132.0	31.94	3,062	115.5	28.46	1,160	108.6	25.92	147.6	32.36
Kentucky <sup>1</sup> .....	1,087	110.0	27.06	2,582	100.3	23.08	14,875	93.9	20.84	105.8	24.52
Mississippi.....	—	—	—	371	133.0	33.92	—	—	—	155.2	34.34
Tennessee <sup>1</sup> .....	5,061	112.9	28.00	8,819	108.5	25.75	40	115.7	28.34	113.1	26.32
<b>West South Central</b> .....	<b>3,488</b>	<b>83.1</b>	<b>9.01</b>	—	—	—	<b>112</b>	<b>101.7</b>	<b>26.43</b>	<b>120.4</b>	<b>18.86</b>
Arkansas.....	—	—	—	—	—	—	—	—	—	145.6	25.19
Louisiana.....	—	—	—	—	—	—	—	—	—	139.8	22.79
Oklahoma.....	—	—	—	—	—	—	112	101.7	26.43	91.2	15.73
Texas.....	3,488	83.1	9.01	—	—	—	—	—	—	120.0	18.01
<b>Mountain</b> .....	—	—	—	—	—	—	—	—	—	<b>106.1</b>	<b>20.69</b>
Arizona.....	—	—	—	—	—	—	—	—	—	132.7	27.21
Colorado.....	—	—	—	—	—	—	—	—	—	98.5	19.20
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	72.7	12.26
Nevada.....	—	—	—	—	—	—	—	—	—	129.4	29.13
New Mexico.....	—	—	—	—	—	—	—	—	—	132.9	24.27
Utah.....	—	—	—	—	—	—	—	—	—	103.1	23.96
Wyoming.....	—	—	—	—	—	—	—	—	—	76.2	13.39
<b>Pacific Contiguous</b> .....	—	—	—	—	—	—	—	—	—	<b>140.8</b>	<b>23.77</b>
California.....	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	107.9	19.34
Washington.....	—	—	—	—	—	—	—	—	—	156.0	25.65
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>48,859</b>	<b>121.0</b>	<b>28.88</b>	<b>65,188</b>	<b>117.2</b>	<b>28.22</b>	<b>60,945</b>	<b>126.6</b>	<b>29.41</b>	<b>121.6</b>	<b>24.72</b>

<sup>1</sup> The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 5, 6, and 7 at the end of Table 31.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

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

**Table 6. Receipts of Petroleum by Census Division and State, 1995-1999**

(Thousand Barrels)

Census Division and State	1999	1998	1997	1996	1995
<b>New England</b> .....	<b>13,621</b>	<b>35,559</b>	<b>36,176</b>	<b>22,071</b>	<b>17,881</b>
Connecticut .....	9,756	14,192	13,901	9,562	4,970
Maine .....	1,045	3,204	2,335	1,423	1,414
Massachusetts .....	205	15,733	18,344	9,783	9,299
New Hampshire .....	2,615	2,427	1,594	1,215	2,104
Rhode Island .....	—	—	—	81	92
Vermont .....	—	4	2	6	2
<b>Middle Atlantic</b> .....	<b>25,624</b>	<b>31,908</b>	<b>19,139</b>	<b>24,113</b>	<b>18,110</b>
New Jersey .....	2,437	1,781	1,516	2,662	2,154
New York .....	18,477	22,928	14,556	16,662	12,372
Pennsylvania .....	4,709	7,199	3,067	4,789	3,584
<b>East North Central</b> .....	<b>4,586</b>	<b>4,691</b>	<b>3,108</b>	<b>3,526</b>	<b>3,578</b>
Illinois .....	771	1,241	895	1,272	1,333
Indiana .....	665	500	390	431	440
Michigan .....	2,367	2,418	1,288	1,362	1,295
Ohio .....	739	491	467	403	420
Wisconsin .....	44	41	67	59	90
<b>West North Central</b> .....	<b>738</b>	<b>659</b>	<b>976</b>	<b>632</b>	<b>424</b>
Iowa .....	159	121	88	57	50
Kansas .....	356	248	490	131	58
Minnesota .....	42	45	39	63	41
Missouri .....	116	158	202	207	176
Nebraska .....	15	15	21	14	14
North Dakota .....	50	72	134	153	85
South Dakota .....	—	—	—	6	—
<b>South Atlantic</b> .....	<b>69,006</b>	<b>74,512</b>	<b>44,613</b>	<b>43,443</b>	<b>36,261</b>
Delaware .....	2,071	2,116	1,706	1,926	1,028
District of Columbia .....	412	446	139	295	422
Florida .....	54,285	59,824	38,320	36,449	31,059
Georgia .....	575	738	279	485	240
Maryland .....	6,675	6,005	1,985	2,492	2,008
North Carolina .....	497	406	350	209	195
South Carolina .....	93	109	137	72	68
Virginia .....	4,024	4,543	1,361	1,186	937
West Virginia .....	374	324	336	329	305
<b>East South Central</b> .....	<b>5,717</b>	<b>8,851</b>	<b>4,697</b>	<b>2,465</b>	<b>601</b>
Alabama .....	170	112	218	178	176
Kentucky .....	212	208	237	205	234
Mississippi .....	4,982	8,379	4,081	1,726	28
Tennessee .....	352	152	161	355	163
<b>West South Central</b> .....	<b>942</b>	<b>1,607</b>	<b>1,458</b>	<b>943</b>	<b>362</b>
Arkansas .....	109	90	73	86	70
Louisiana .....	636	1,264	846	299	82
Oklahoma .....	10	7	39	73	10
Texas .....	187	246	500	486	200
<b>Mountain</b> .....	<b>364</b>	<b>364</b>	<b>363</b>	<b>396</b>	<b>387</b>
Arizona .....	127	144	123	158	113
Colorado .....	7	—	—	—	4
Idaho .....	—	—	—	—	—
Montana .....	20	14	16	22	34
Nevada .....	20	30	38	31	29
New Mexico .....	65	53	45	48	47
Utah .....	42	42	23	31	31
Wyoming .....	84	81	117	106	129
<b>Pacific Contiguous</b> .....	<b>65</b>	<b>124</b>	<b>33</b>	<b>16</b>	<b>33</b>
California .....	10	103	—	—	—
Oregon .....	42	6	17	—	13
Washington .....	13	15	15	16	20
<b>Pacific Noncontiguous</b> .....	<b>10,744</b>	<b>6,916</b>	<b>7,227</b>	<b>9,024</b>	<b>6,654</b>
Alaska .....	—	—	—	—	—
Hawaii .....	10,744	6,916	7,227	9,024	6,654
<b>Total</b> .....	<b>131,407</b>	<b>165,191</b>	<b>117,789</b>	<b>106,629</b>	<b>84,292</b>

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

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

**Table 7. Average Delivered Cost of Petroleum by Census Division and State, 1995-1999**

Census Division and State	1999	1998	1997	1996	1995	1999	1998	1997	1996	1995
	(cents per million Btu)					(dollars per barrel)				
<b>New England</b> .....	<b>218.4</b>	<b>203.5</b>	<b>274.3</b>	<b>307.9</b>	<b>258.0</b>	<b>13.98</b>	<b>12.97</b>	<b>17.51</b>	<b>19.71</b>	<b>16.50</b>
Connecticut.....	223.5	218.7	292.7	324.1	264.0	14.30	13.98	18.74	20.83	16.99
Maine.....	177.9	202.1	278.9	293.6	260.6	11.27	12.84	17.69	18.54	16.48
Massachusetts.....	243.2	192.6	260.7	299.2	258.7	15.31	12.25	16.60	19.10	16.48
New Hampshire.....	213.6	187.2	263.6	254.4	232.6	13.75	11.94	16.89	16.51	15.08
Rhode Island.....	—	—	—	478.7	412.5	—	—	—	28.23	24.18
Vermont.....	—	327.1	453.5	523.8	411.7	—	18.70	26.04	29.34	23.84
<b>Middle Atlantic</b> .....	<b>247.4</b>	<b>210.6</b>	<b>285.3</b>	<b>328.7</b>	<b>270.2</b>	<b>15.62</b>	<b>13.30</b>	<b>18.02</b>	<b>20.62</b>	<b>16.97</b>
New Jersey.....	288.2	242.2	298.7	358.7	286.2	18.07	15.12	18.63	22.20	17.95
New York.....	236.5	203.5	284.1	319.2	265.5	14.96	12.88	17.94	20.07	16.70
Pennsylvania.....	269.1	225.7	284.7	345.2	276.8	16.96	14.19	18.09	21.69	17.32
<b>East North Central</b> .....	<b>334.4</b>	<b>288.7</b>	<b>382.3</b>	<b>385.8</b>	<b>321.5</b>	<b>20.36</b>	<b>17.70</b>	<b>23.20</b>	<b>23.60</b>	<b>19.62</b>
Illinois.....	345.0	275.2	375.0	368.1	301.4	21.13	17.19	23.14	23.06	18.81
Indiana.....	426.3	319.4	453.1	486.9	401.1	24.57	18.42	26.08	28.08	23.14
Michigan.....	289.2	280.6	345.1	340.2	292.1	18.11	17.45	21.40	21.08	18.10
Ohio.....	391.7	332.6	437.0	489.6	390.9	22.71	19.24	25.33	28.33	22.60
Wisconsin.....	413.7	348.9	462.6	481.6	385.0	24.32	20.52	27.13	28.26	22.54
<b>West North Central</b> .....	<b>359.5</b>	<b>292.6</b>	<b>346.5</b>	<b>434.8</b>	<b>364.6</b>	<b>21.59</b>	<b>17.46</b>	<b>21.46</b>	<b>25.59</b>	<b>21.53</b>
Iowa.....	398.8	332.9	445.2	507.5	409.0	23.34	19.45	25.85	29.52	23.64
Kansas.....	319.0	265.5	282.1	412.2	369.1	19.77	16.14	18.26	24.57	21.56
Minnesota.....	420.9	352.7	483.2	487.4	406.7	24.33	20.41	27.74	28.42	23.71
Missouri.....	381.5	275.0	364.5	352.2	313.0	22.12	16.56	22.05	20.82	18.83
Nebraska.....	431.5	354.5	450.3	511.4	415.0	24.95	20.49	26.02	29.56	23.99
North Dakota.....	417.2	311.9	459.2	505.1	417.5	24.34	18.19	26.82	29.56	24.41
South Dakota.....	—	—	—	597.9	—	—	—	—	35.16	—
<b>South Atlantic</b> .....	<b>249.7</b>	<b>209.2</b>	<b>276.1</b>	<b>294.7</b>	<b>255.0</b>	<b>15.89</b>	<b>13.27</b>	<b>17.63</b>	<b>18.72</b>	<b>16.20</b>
Delaware.....	243.9	214.7	277.9	321.2	260.9	15.46	13.61	17.68	20.49	16.66
District of Columbia.....	339.5	252.9	357.7	378.2	309.5	20.43	15.20	21.69	22.75	18.59
Florida.....	245.6	205.9	270.2	285.4	249.5	15.69	13.11	17.32	18.21	15.91
Georgia.....	389.6	327.6	420.8	430.5	378.1	22.66	19.06	24.83	25.44	22.17
Maryland.....	257.4	211.5	296.4	331.6	274.7	16.33	13.39	18.79	20.91	17.32
North Carolina.....	398.4	310.5	427.7	468.2	381.5	23.12	18.02	24.84	27.20	22.14
South Carolina.....	406.7	327.6	454.1	496.5	411.1	23.60	19.01	26.33	28.86	23.83
Virginia.....	229.9	203.7	281.9	290.0	250.9	14.54	12.85	17.55	17.90	15.41
West Virginia.....	463.5	370.9	464.0	528.7	438.9	27.08	21.68	27.07	30.79	25.62
<b>East South Central</b> .....	<b>181.1</b>	<b>205.7</b>	<b>289.8</b>	<b>296.1</b>	<b>401.9</b>	<b>11.84</b>	<b>13.51</b>	<b>18.82</b>	<b>18.64</b>	<b>23.39</b>
Alabama.....	326.0	287.6	405.2	445.7	375.6	19.05	16.85	23.77	26.09	21.81
Kentucky.....	431.9	383.3	482.9	515.4	428.1	25.31	22.43	28.28	30.07	24.98
Mississippi.....	154.1	199.2	269.1	223.6	374.3	10.22	13.16	17.73	14.50	21.93
Tennessee.....	393.3	304.5	439.0	484.6	397.4	23.11	17.89	25.80	28.46	23.08
<b>West South Central</b> .....	<b>255.9</b>	<b>250.1</b>	<b>361.5</b>	<b>417.9</b>	<b>373.1</b>	<b>16.07</b>	<b>15.80</b>	<b>22.37</b>	<b>24.81</b>	<b>21.80</b>
Arkansas.....	329.3	370.8	470.2	452.5	417.5	19.47	21.99	27.66	26.43	24.15
Louisiana.....	204.2	222.3	301.8	326.8	348.1	13.25	14.32	19.46	20.20	20.69
Oklahoma.....	495.5	292.2	409.2	406.7	252.9	29.62	17.42	24.08	23.86	15.06
Texas.....	396.0	362.1	453.6	473.2	374.4	22.95	21.12	26.38	27.50	21.78
<b>Mountain</b> .....	<b>487.2</b>	<b>423.9</b>	<b>532.9</b>	<b>551.7</b>	<b>470.0</b>	<b>28.33</b>	<b>24.69</b>	<b>31.14</b>	<b>32.44</b>	<b>27.59</b>
Arizona.....	479.8	429.0	531.8	538.6	510.2	27.95	25.02	31.35	32.19	29.98
Colorado.....	543.8	—	—	—	477.2	30.92	—	—	—	27.65
Idaho.....	—	—	—	—	—	—	—	—	—	—
Montana.....	491.0	466.0	529.4	564.9	490.7	28.89	27.60	31.35	33.45	29.06
Nevada.....	452.6	379.6	507.6	551.5	337.2	26.45	22.14	29.59	31.71	20.77
New Mexico.....	502.3	439.3	574.6	586.8	490.4	28.69	25.09	32.82	33.52	28.01
Utah.....	513.6	439.6	583.6	579.2	504.6	30.14	25.80	34.27	33.95	29.53
Wyoming.....	476.0	405.5	517.0	545.6	444.6	27.81	23.70	30.14	31.89	26.01
<b>Pacific Contiguous</b> .....	<b>413.2</b>	<b>292.4</b>	<b>494.4</b>	<b>508.5</b>	<b>462.3</b>	<b>24.43</b>	<b>17.69</b>	<b>29.06</b>	<b>29.89</b>	<b>27.19</b>
California.....	327.2	274.7	—	—	—	19.91	16.71	—	—	—
Oregon.....	414.1	331.9	490.2	—	426.7	24.35	19.52	28.82	—	25.12
Washington.....	478.8	405.3	499.1	508.5	484.9	28.15	23.82	29.34	29.89	28.50
<b>Pacific Noncontiguous</b> .....	<b>319.9</b>	<b>261.5</b>	<b>364.3</b>	<b>353.5</b>	<b>298.0</b>	<b>20.08</b>	<b>16.39</b>	<b>22.85</b>	<b>22.10</b>	<b>18.70</b>
Alaska.....	—	—	—	—	—	—	—	—	—	—
Hawaii.....	319.9	261.5	364.3	353.5	298.0	20.08	16.39	22.85	22.10	18.70
<b>Total</b> .....	<b>252.7</b>	<b>213.6</b>	<b>288.0</b>	<b>315.7</b>	<b>267.9</b>	<b>16.03</b>	<b>13.55</b>	<b>18.30</b>	<b>19.95</b>	<b>16.93</b>

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

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

**Table 8. Receipts and Average Delivered Cost of Petroleum by Type of Purchase, Fuel Type, Census Division and State, 1999**

Census Division and State	No. 6 Fuel Oil by Type of Purchase						Average Delivered Cost					
	Contract			Spot			No. 2 Fuel Oil		No. 4, No. 5 Fuel Oil		No. 6 Fuel Oil	
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		(cents per MM Btu)	(\$ per bbl)	(cents per MM Btu)	(\$ per bbl)	(cents per MM Btu)	(\$ per bbl)
		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)						
<b>New England</b> .....	<b>3,126</b>	<b>262.4</b>	<b>16.91</b>	<b>10,421</b>	<b>204.3</b>	<b>13.05</b>	<b>353.5</b>	<b>20.50</b>	—	—	<b>217.8</b>	<b>13.94</b>
Connecticut.....	3,126	262.4	16.91	6,603	204.3	13.03	403.2	23.35	—	—	223.1	14.28
Maine.....	—	—	—	1,045	177.9	11.27	—	—	—	—	177.9	11.27
Massachusetts.....	—	—	—	182	240.7	15.29	265.4	15.43	—	—	240.7	15.29
New Hampshire.....	—	—	—	2,591	212.2	13.67	383.0	22.16	—	—	212.2	13.67
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>10,408</b>	<b>245.2</b>	<b>15.51</b>	<b>14,238</b>	<b>242.5</b>	<b>15.37</b>	<b>362.1</b>	<b>21.10</b>	<b>374.1</b>	<b>22.45</b>	<b>243.4</b>	<b>15.41</b>
New Jersey.....	1,729	269.5	16.97	558	312.6	19.79	378.9	22.27	374.1	22.45	280.1	17.66
New York.....	8,679	240.4	15.22	9,666	233.4	14.75	347.4	19.41	—	—	236.4	14.95
Pennsylvania.....	—	—	—	4,013	254.5	16.24	361.3	21.07	—	—	254.5	16.24
<b>East North Central</b> .....	<b>22</b>	<b>251.3</b>	<b>14.97</b>	<b>2,284</b>	<b>268.5</b>	<b>17.15</b>	<b>408.1</b>	<b>23.63</b>	<b>221.7</b>	<b>13.17</b>	<b>268.3</b>	<b>17.13</b>
Illinois.....	—	—	—	450	307.8	19.52	401.9	23.38	—	—	307.8	19.52
Indiana.....	—	—	—	—	—	—	426.3	24.57	—	—	—	—
Michigan.....	22	251.3	14.97	1,834	258.9	16.57	411.8	23.81	221.7	13.17	258.8	16.55
Ohio.....	—	—	—	—	—	—	391.7	22.71	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	413.7	24.32	—	—	—	—
<b>West North Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>177</b>	<b>212.0</b>	<b>14.01</b>	<b>412.3</b>	<b>23.97</b>	<b>—</b>	<b>—</b>	<b>212.0</b>	<b>14.01</b>
Iowa.....	—	—	—	—	—	—	398.8	23.34	—	—	—	—
Kansas.....	—	—	—	177	212.0	14.01	439.2	25.46	—	—	212.0	14.01
Minnesota.....	—	—	—	—	—	—	420.9	24.33	—	—	—	—
Missouri.....	—	—	—	—	—	—	381.5	22.12	—	—	—	—
Nebraska.....	—	—	—	—	—	—	431.5	24.95	—	—	—	—
North Dakota.....	—	—	—	—	—	—	417.2	24.34	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>25,422</b>	<b>253.8</b>	<b>16.30</b>	<b>40,393</b>	<b>236.7</b>	<b>15.07</b>	<b>400.7</b>	<b>23.34</b>	<b>339.7</b>	<b>20.47</b>	<b>243.3</b>	<b>15.55</b>
Delaware.....	—	—	—	1,957	236.0	15.04	392.0	22.83	—	—	236.0	15.04
District of Columbia.....	—	—	—	—	—	—	383.7	22.44	337.8	20.35	—	—
Florida.....	21,583	256.4	16.49	32,042	235.4	14.99	399.1	23.21	479.0	29.70	243.9	15.60
Georgia.....	—	—	—	—	—	—	389.6	22.66	—	—	—	—
Maryland.....	3,839	239.3	15.22	2,683	275.3	17.49	410.7	24.02	—	—	254.1	16.15
North Carolina.....	—	—	—	—	—	—	398.4	23.12	—	—	—	—
South Carolina.....	—	—	—	—	—	—	406.7	23.60	—	—	—	—
Virginia.....	—	—	—	3,711	220.4	14.03	350.8	20.60	—	—	220.4	14.03
West Virginia.....	—	—	—	—	—	—	463.6	27.08	—	—	—	—
<b>East South Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>4,916</b>	<b>152.1</b>	<b>10.11</b>	<b>382.9</b>	<b>22.46</b>	<b>—</b>	<b>—</b>	<b>152.1</b>	<b>10.11</b>
Alabama.....	—	—	—	—	—	—	326.0	19.05	—	—	—	—
Kentucky.....	—	—	—	—	—	—	431.9	25.31	—	—	—	—
Mississippi.....	—	—	—	4,916	152.1	10.11	317.3	18.66	—	—	152.1	10.11
Tennessee.....	—	—	—	—	—	—	393.3	23.11	—	—	—	—
<b>West South Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>582</b>	<b>167.4</b>	<b>10.96</b>	<b>416.1</b>	<b>24.33</b>	<b>471.5</b>	<b>28.55</b>	<b>167.4</b>	<b>10.96</b>
Arkansas.....	—	—	—	—	—	—	329.3	19.47	—	—	—	—
Louisiana.....	—	—	—	582	167.4	10.96	647.4	37.93	471.5	28.55	167.4	10.96
Oklahoma.....	—	—	—	—	—	—	495.5	29.62	—	—	—	—
Texas.....	—	—	—	—	—	—	396.0	22.95	—	—	—	—
<b>Mountain</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>487.2</b>	<b>28.33</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Arizona.....	—	—	—	—	—	—	479.8	27.95	—	—	—	—
Colorado.....	—	—	—	—	—	—	543.8	30.92	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	491.0	28.89	—	—	—	—
Nevada.....	—	—	—	—	—	—	452.6	26.45	—	—	—	—
New Mexico.....	—	—	—	—	—	—	502.3	28.69	—	—	—	—
Utah.....	—	—	—	—	—	—	513.6	30.14	—	—	—	—
Wyoming.....	—	—	—	—	—	—	476.0	27.81	—	—	—	—
<b>Pacific Contiguous</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>413.2</b>	<b>24.43</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
California.....	—	—	—	—	—	—	327.2	19.91	—	—	—	—
Oregon.....	—	—	—	—	—	—	414.1	24.35	—	—	—	—
Washington.....	—	—	—	—	—	—	478.8	28.15	—	—	—	—
<b>Pacific Noncontiguous</b> .....	<b>10,713</b>	<b>319.3</b>	<b>20.05</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>535.3</b>	<b>31.01</b>	<b>—</b>	<b>—</b>	<b>319.3</b>	<b>20.05</b>
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	10,713	319.3	20.05	—	—	—	535.3	31.01	—	—	319.3	20.05
<b>Total</b> .....	<b>49,691</b>	<b>266.5</b>	<b>16.98</b>	<b>73,010</b>	<b>227.6</b>	<b>14.54</b>	<b>402.9</b>	<b>23.45</b>	<b>339.6</b>	<b>20.46</b>	<b>243.3</b>	<b>15.52</b>

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost. Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 9. Receipts and Average Delivered Cost of Petroleum by Type, Census Division, and State, 1999**

Census Division and State	No. 2 Fuel Oil			Nos. 4 & 5 Fuel Oil <sup>1</sup>			No. 6 Fuel Oil			Total		
	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per MM Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per MM Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per MM Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per MM Btu)
<b>New England</b> .....	<b>74</b>	<b>138,038</b>	<b>353.5</b>	—	—	—	<b>13,547</b>	<b>152,432</b>	<b>217.8</b>	<b>13,621</b>	<b>152,354</b>	<b>218.4</b>
Connecticut.....	27	137,866	403.2	—	—	—	9,729	152,377	223.1	9,756	152,337	223.5
Maine.....	—	—	—	—	—	—	1,045	150,839	177.9	1,045	150,839	177.9
Massachusetts.....	23	138,487	265.4	—	—	—	182	151,288	240.7	205	149,853	243.2
New Hampshire.....	24	137,800	383.0	—	—	—	2,591	153,364	212.2	2,615	153,222	213.6
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>765</b>	<b>138,768</b>	<b>362.1</b>	<b>3</b>	<b>142,900</b>	<b>374.1</b>	<b>24,758</b>	<b>150,772</b>	<b>243.4</b>	<b>25,624</b>	<b>150,352</b>	<b>247.4</b>
New Jersey.....	49	139,956	378.9	3	142,900	374.1	2,287	150,126	280.1	2,437	149,297	288.2
New York.....	19	132,999	347.4	—	—	—	18,457	150,589	236.4	18,477	150,571	236.5
Pennsylvania.....	696	138,845	361.3	—	—	—	4,013	151,982	254.5	4,709	150,039	269.1
<b>East North Central</b> .....	<b>2,279</b>	<b>137,831</b>	<b>408.1</b>	<b>2</b>	<b>141,428</b>	<b>221.7</b>	<b>2,306</b>	<b>152,025</b>	<b>268.3</b>	<b>4,586</b>	<b>144,969</b>	<b>334.4</b>
Illinois.....	321	138,508	401.9	—	—	—	450	151,018	307.8	771	145,807	345.0
Indiana.....	665	137,245	426.3	—	—	—	—	—	—	665	137,245	426.3
Michigan.....	509	137,660	411.8	2	141,428	221.7	1,856	152,270	258.8	2,367	149,118	289.2
Ohio.....	739	138,054	391.7	—	—	—	—	—	—	739	138,054	391.7
Wisconsin.....	44	139,970	413.7	—	—	—	—	—	—	44	139,970	413.7
<b>West North Central</b> .....	<b>562</b>	<b>138,435</b>	<b>412.3</b>	—	—	—	<b>177</b>	<b>157,323</b>	<b>212.0</b>	<b>738</b>	<b>142,955</b>	<b>359.5</b>
Iowa.....	159	139,341	398.8	—	—	—	—	—	—	159	139,341	398.8
Kansas.....	179	138,034	439.2	—	—	—	177	157,323	212.0	356	147,609	319.0
Minnesota.....	42	137,596	420.9	—	—	—	—	—	—	42	137,596	420.9
Missouri.....	116	138,034	381.5	—	—	—	—	—	—	116	138,034	381.5
Nebraska.....	15	137,673	431.5	—	—	—	—	—	—	15	137,673	431.5
North Dakota.....	50	138,876	417.2	—	—	—	—	—	—	50	138,876	417.2
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>2,789</b>	<b>138,703</b>	<b>400.7</b>	<b>401</b>	<b>143,496</b>	<b>339.7</b>	<b>65,815</b>	<b>152,113</b>	<b>243.3</b>	<b>69,006</b>	<b>151,520</b>	<b>249.7</b>
Delaware.....	114	138,632	392.0	—	—	—	1,957	151,718	236.0	2,071	150,999	243.9
District of Columbia.....	16	139,250	383.7	396	143,442	337.8	—	—	—	412	143,279	339.5
Florida.....	654	138,486	399.1	5	147,613	479.0	53,625	152,256	243.9	54,285	152,090	245.6
Georgia.....	575	138,495	389.6	—	—	—	—	—	—	575	138,495	389.6
Maryland.....	154	139,270	410.7	—	—	—	6,522	151,350	254.1	6,675	151,073	257.4
North Carolina.....	497	138,171	398.4	—	—	—	—	—	—	497	138,171	398.4
South Carolina.....	93	138,151	406.7	—	—	—	—	—	—	93	138,151	406.7
Virginia.....	314	139,775	350.8	—	—	—	3,711	151,582	220.4	4,024	150,662	229.9
West Virginia.....	372	139,114	463.6	—	—	—	—	—	—	374	139,102	463.5
<b>East South Central</b> .....	<b>801</b>	<b>139,645</b>	<b>382.9</b>	—	—	—	<b>4,916</b>	<b>158,211</b>	<b>152.1</b>	<b>5,717</b>	<b>155,611</b>	<b>181.1</b>
Alabama.....	170	139,143	326.0	—	—	—	—	—	—	170	139,143	326.0
Kentucky.....	212	139,505	431.9	—	—	—	—	—	—	212	139,505	431.9
Mississippi.....	67	140,025	317.3	—	—	—	4,916	158,211	152.1	4,982	157,968	154.1
Tennessee.....	352	139,900	393.3	—	—	—	—	—	—	352	139,900	393.3
<b>West South Central</b> .....	<b>360</b>	<b>139,197</b>	<b>416.1</b>	<b>*</b>	<b>144,175</b>	<b>471.5</b>	<b>582</b>	<b>155,858</b>	<b>167.4</b>	<b>942</b>	<b>149,492</b>	<b>255.9</b>
Arkansas.....	109	140,807	329.3	—	—	—	—	—	—	109	140,807	329.3
Louisiana.....	54	139,504	647.4	<b>*</b>	<b>144,175</b>	<b>471.5</b>	582	155,858	167.4	636	154,471	204.2
Oklahoma.....	10	142,350	495.5	—	—	—	—	—	—	10	142,350	495.5
Texas.....	187	138,003	396.0	—	—	—	—	—	—	187	138,003	396.0
<b>Mountain</b> .....	<b>364</b>	<b>138,459</b>	<b>487.2</b>	—	—	—	—	—	—	<b>364</b>	<b>138,459</b>	<b>487.2</b>
Arizona.....	127	138,692	479.8	—	—	—	—	—	—	127	138,692	479.8
Colorado.....	7	135,379	543.8	—	—	—	—	—	—	7	135,379	543.8
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	20	140,100	491.0	—	—	—	—	—	—	20	140,100	491.0
Nevada.....	20	139,110	452.6	—	—	—	—	—	—	20	139,110	452.6
New Mexico.....	65	136,000	502.3	—	—	—	—	—	—	65	136,000	502.3
Utah.....	42	139,722	513.6	—	—	—	—	—	—	42	139,722	513.6
Wyoming.....	84	139,102	476.0	—	—	—	—	—	—	84	139,102	476.0
<b>Pacific Contiguous</b> .....	<b>65</b>	<b>140,747</b>	<b>413.2</b>	—	—	—	—	—	—	<b>65</b>	<b>140,747</b>	<b>413.2</b>
California.....	10	144,857	327.2	—	—	—	—	—	—	10	144,857	327.2
Oregon.....	42	140,000	414.1	—	—	—	—	—	—	42	140,000	414.1
Washington.....	13	140,000	478.8	—	—	—	—	—	—	13	140,000	478.8
<b>Pacific Noncontiguous</b> .....	<b>31</b>	<b>137,946</b>	<b>535.3</b>	—	—	—	<b>10,713</b>	<b>149,525</b>	<b>319.3</b>	<b>10,744</b>	<b>149,492</b>	<b>319.9</b>
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	31	137,946	535.3	—	—	—	10,713	149,525	319.3	10,744	149,492	319.9
<b>Total</b> .....	<b>8,090</b>	<b>138,557</b>	<b>402.9</b>	<b>406</b>	<b>143,483</b>	<b>339.6</b>	<b>122,813</b>	<b>151,920</b>	<b>243.3</b>	<b>131,407</b>	<b>151,058</b>	<b>252.7</b>

<sup>1</sup> Blend of No. 2 Fuel Oil and No. 6 Fuel Oil.

\* = Number less than 0.5

Notes: • Totals for New Jersey and the Middle Atlantic Census division include 99 thousand barrels of kerosene. • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

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



**Table 10. Receipts and Average Delivered Cost of Petroleum by Sulfur Content, Census Division, and State, 1999**

Census Division and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost	
		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)
<b>New England</b> .....	<b>5</b>	<b>290.4</b>	<b>18.37</b>	<b>2,437</b>	<b>243.7</b>	<b>15.36</b>	<b>8,212</b>	<b>214.1</b>	<b>13.75</b>
Connecticut.....	—	—	—	2,185	248.8	15.70	7,544	215.8	13.87
Maine.....	—	—	—	252	199.1	12.43	435	183.8	11.69
Massachusetts.....	5	290.4	18.37	—	—	—	177	239.3	15.20
New Hampshire .....	—	—	—	—	—	—	55	149.6	9.57
Rhode Island .....	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>5,754</b>	<b>252.9</b>	<b>15.85</b>	<b>3,359</b>	<b>260.7</b>	<b>16.49</b>	<b>10,263</b>	<b>242.8</b>	<b>15.50</b>
New Jersey.....	1,545	265.3	16.64	209	329.0	20.56	536	303.8	19.48
New York.....	4,209	248.4	15.56	699	232.4	14.56	8,165	239.0	15.23
Pennsylvania.....	—	—	—	2,451	263.0	16.70	1,562	241.3	15.53
<b>East North Central</b> .....	<b>293</b>	<b>262.4</b>	<b>15.95</b>	<b>72</b>	<b>246.2</b>	<b>14.72</b>	<b>1,462</b>	<b>286.4</b>	<b>18.45</b>
Illinois.....	112	292.2	18.33	—	—	—	338	312.9	19.92
Indiana.....	—	—	—	—	—	—	—	—	—
Michigan.....	181	243.0	14.48	72	246.2	14.72	1,124	278.5	18.01
Ohio.....	—	—	—	—	—	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	—	—	—
<b>West North Central</b> .....	—	—	—	—	—	—	—	—	—
Iowa.....	—	—	—	—	—	—	—	—	—
Kansas.....	—	—	—	—	—	—	—	—	—
Minnesota.....	—	—	—	—	—	—	—	—	—
Missouri.....	—	—	—	—	—	—	—	—	—
Nebraska.....	—	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>270</b>	<b>277.1</b>	<b>17.79</b>	<b>484</b>	<b>266.3</b>	<b>16.95</b>	<b>31,973</b>	<b>261.0</b>	<b>16.60</b>
Delaware.....	—	—	—	131	273.1	17.36	1,826	233.3	14.87
District of Columbia .....	—	—	—	—	—	—	396	337.8	20.35
Florida.....	270	277.1	17.79	353	263.8	16.80	22,974	262.7	16.73
Georgia.....	—	—	—	—	—	—	—	—	—
Maryland.....	—	—	—	—	—	—	5,825	255.8	16.24
North Carolina .....	—	—	—	—	—	—	—	—	—
South Carolina .....	—	—	—	—	—	—	—	—	—
Virginia.....	—	—	—	—	—	—	953	274.4	17.44
West Virginia.....	—	—	—	—	—	—	—	—	—
<b>East South Central</b> .....	—	—	—	<b>473</b>	<b>143.3</b>	<b>9.48</b>	<b>12</b>	<b>167.9</b>	<b>11.20</b>
Alabama.....	—	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—	—
Mississippi.....	—	—	—	473	143.3	9.48	12	167.9	11.20
Tennessee.....	—	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	<b>2</b>	<b>209.6</b>	<b>13.50</b>	—	—	—	<b>140</b>	<b>194.4</b>	<b>12.60</b>
Arkansas.....	—	—	—	—	—	—	—	—	—
Louisiana.....	2	209.6	13.50	—	—	—	140	194.4	12.60
Oklahoma.....	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	—	—	—
<b>Mountain</b> .....	—	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—	—
<b>Pacific Contiguous</b> .....	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	<b>142</b>	<b>254.8</b>	<b>15.99</b>	<b>10,570</b>	<b>320.2</b>	<b>20.11</b>	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—
Hawaii.....	142	254.8	15.99	10,570	320.2	20.11	—	—	—
<b>Total</b> .....	<b>6,466</b>	<b>254.4</b>	<b>15.94</b>	<b>17,396</b>	<b>291.1</b>	<b>18.34</b>	<b>52,062</b>	<b>250.5</b>	<b>15.98</b>

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • No. 2 Fuel Oil and kerosene have been omitted from this table. • MM Btu = million Btu. • Cost = average delivered cost.

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

**Table 10. Receipts and Average Delivered Cost of Petroleum by Sulfur Content, Census Division, and State, 1999 (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%			Heavy Oil Cost	
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		(cents per MM Btu)	(\$ per bbl)
		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)		
<b>New England</b> .....	<b>2,893</b>	<b>206.5</b>	<b>13.29</b>	—	—	—	—	—	—	<b>217.8</b>	<b>13.94</b>
Connecticut.....	—	—	—	—	—	—	—	—	—	223.1	14.28
Maine.....	358	156.0	9.94	—	—	—	—	—	—	177.9	11.27
Massachusetts.....	—	—	—	—	—	—	—	—	—	240.7	15.29
New Hampshire .....	2,535	213.6	13.76	—	—	—	—	—	—	212.2	13.67
Rhode Island .....	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>5,384</b>	<b>223.7</b>	<b>14.10</b>	—	—	—	—	—	—	<b>243.4</b>	<b>15.41</b>
New Jersey .....	—	—	—	—	—	—	—	—	—	280.2	17.67
New York.....	5,384	223.7	14.10	—	—	—	—	—	—	236.4	14.95
Pennsylvania.....	—	—	—	—	—	—	—	—	—	254.5	16.24
<b>East North Central</b> .....	<b>481</b>	<b>220.0</b>	<b>14.19</b>	—	—	—	—	—	—	<b>268.3</b>	<b>17.13</b>
Illinois.....	—	—	—	—	—	—	—	—	—	307.8	19.52
Indiana.....	—	—	—	—	—	—	—	—	—	—	—
Michigan.....	481	220.0	14.19	—	—	—	—	—	—	258.8	16.55
Ohio.....	—	—	—	—	—	—	—	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	—	—	—	—	—
<b>West North Central</b> .....	<b>177</b>	<b>212.0</b>	<b>14.01</b>	—	—	—	—	—	—	<b>212.0</b>	<b>14.01</b>
Iowa.....	—	—	—	—	—	—	—	—	—	—	—
Kansas.....	177	212.0	14.01	—	—	—	—	—	—	212.0	14.01
Minnesota.....	—	—	—	—	—	—	—	—	—	—	—
Missouri.....	—	—	—	—	—	—	—	—	—	—	—
Nebraska.....	—	—	—	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>22,964</b>	<b>231.9</b>	<b>14.89</b>	<b>10,379</b>	<b>216.2</b>	<b>13.81</b>	<b>145</b>	<b>236.8</b>	<b>15.26</b>	<b>243.9</b>	<b>15.58</b>
Delaware.....	—	—	—	—	—	—	—	—	—	236.0	15.04
District of Columbia.....	—	—	—	—	—	—	—	—	—	337.8	20.35
Florida.....	19,509	235.9	15.16	10,379	216.2	13.81	145	236.8	15.26	243.9	15.60
Georgia.....	—	—	—	—	—	—	—	—	—	—	—
Maryland.....	697	239.9	15.41	—	—	—	—	—	—	254.1	16.15
North Carolina.....	—	—	—	—	—	—	—	—	—	—	—
South Carolina.....	—	—	—	—	—	—	—	—	—	—	—
Virginia.....	2,758	201.8	12.86	—	—	—	—	—	—	220.4	14.03
West Virginia.....	—	—	—	—	—	—	—	—	—	—	—
<b>East South Central</b> .....	—	—	—	<b>4,431</b>	<b>153.0</b>	<b>10.17</b>	—	—	—	<b>152.1</b>	<b>10.11</b>
Alabama.....	—	—	—	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—	—	—	—
Mississippi.....	—	—	—	4,431	153.0	10.17	—	—	—	152.1	10.11
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	<b>441</b>	<b>159.0</b>	<b>10.44</b>	—	—	—	—	—	—	<b>167.5</b>	<b>10.97</b>
Arkansas.....	—	—	—	—	—	—	—	—	—	—	—
Louisiana.....	441	159.0	10.44	—	—	—	—	—	—	167.5	10.97
Oklahoma.....	—	—	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	—	—	—	—	—
<b>Mountain</b> .....	—	—	—	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—	—	—	—
<b>Pacific Contiguous</b> .....	—	—	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—	—	—	—	—	<b>319.3</b>	<b>20.05</b>
Alaska.....	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	319.3	20.05
<b>Total</b> .....	<b>32,339</b>	<b>227.0</b>	<b>14.54</b>	<b>14,810</b>	<b>196.8</b>	<b>12.72</b>	<b>145</b>	<b>236.8</b>	<b>15.26</b>	<b>243.6</b>	<b>15.54</b>

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • No. 2 Fuel Oil and kerosene have been omitted from this table. • MM Btu = million Btu. • Cost = average delivered cost.

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

**Table 11. Receipts of Gas by Census Division and State, 1995-1999**

(Thousand Mcf)

Census Division and State	1999	1998	1997	1996	1995
<b>New England</b> .....	<b>23,065</b>	<b>47,377</b>	<b>95,374</b>	<b>92,757</b>	<b>92,244</b>
Connecticut .....	14,093	10,396	13,738	10,327	19,277
Maine .....	—	—	—	—	—
Massachusetts .....	8,524	21,207	50,755	48,011	64,350
New Hampshire .....	196	—	302	—	2,564
Rhode Island .....	—	15,586	30,544	34,396	5,914
Vermont .....	252	187	34	24	138
<b>Middle Atlantic</b> .....	<b>209,381</b>	<b>226,248</b>	<b>236,208</b>	<b>168,075</b>	<b>300,502</b>
New Jersey .....	19,473	16,742	17,920	21,698	37,601
New York .....	180,131	204,700	215,276	139,848	239,247
Pennsylvania .....	9,778	4,807	3,012	6,529	23,654
<b>East North Central</b> .....	<b>89,494</b>	<b>102,818</b>	<b>79,833</b>	<b>56,337</b>	<b>79,583</b>
Illinois .....	34,497	51,887	44,986	24,354	38,666
Indiana .....	3,816	4,258	2,631	3,213	6,134
Michigan .....	43,686	40,813	28,208	25,972	28,540
Ohio .....	3,222	1,532	719	848	3,394
Wisconsin .....	4,273	4,328	3,289	1,951	2,848
<b>West North Central</b> .....	<b>45,268</b>	<b>43,200</b>	<b>29,509</b>	<b>27,345</b>	<b>41,390</b>
Iowa .....	3,958	3,154	2,748	2,751	2,484
Kansas .....	29,991	29,899	20,050	17,621	21,093
Minnesota .....	2,246	2,176	2,768	2,707	5,283
Missouri .....	7,402	5,984	2,889	3,128	10,650
Nebraska .....	1,671	1,981	1,053	1,135	1,752
North Dakota .....	*	1	1	2	1
South Dakota .....	—	5	—	2	127
<b>South Atlantic</b> .....	<b>335,459</b>	<b>285,398</b>	<b>310,596</b>	<b>314,620</b>	<b>369,271</b>
Delaware .....	21,859	11,148	15,997	23,165	27,012
District of Columbia .....	—	—	—	—	—
Florida .....	269,232	241,059	276,254	272,616	305,896
Georgia .....	10,684	10,682	3,074	2,619	3,196
Maryland .....	12,149	4,988	4,864	5,258	11,659
North Carolina .....	1,986	1,879	1,220	800	1,020
South Carolina .....	337	435	196	193	5,325
Virginia .....	18,807	14,859	8,619	9,543	14,656
West Virginia .....	405	348	372	426	506
<b>East South Central</b> .....	<b>76,294</b>	<b>56,595</b>	<b>49,081</b>	<b>63,790</b>	<b>89,399</b>
Alabama .....	2,174	1,731	1,194	1,443	2,412
Kentucky .....	875	805	576	616	428
Mississippi .....	73,245	54,059	47,311	61,732	86,559
Tennessee .....	—	—	—	—	—
<b>West South Central</b> .....	<b>1,676,039</b>	<b>1,712,041</b>	<b>1,445,739</b>	<b>1,441,962</b>	<b>1,524,483</b>
Arkansas .....	26,189	22,561	17,490	32,443	29,696
Louisiana .....	306,767	289,492	264,879	243,098	313,325
Oklahoma .....	160,569	177,976	133,617	133,520	150,892
Texas .....	1,182,513	1,222,012	1,029,752	1,032,900	1,030,570
<b>Mountain</b> .....	<b>162,672</b>	<b>134,733</b>	<b>111,722</b>	<b>91,680</b>	<b>96,760</b>
Arizona .....	48,136	35,888	22,010	17,685	17,954
Colorado .....	15,799	3,544	2,361	2,328	1,478
Idaho .....	—	—	—	—	—
Montana .....	373	199	103	155	123
Nevada .....	58,902	51,812	52,189	41,221	39,118
New Mexico .....	34,862	39,169	32,753	28,218	30,833
Utah .....	4,435	4,045	2,207	1,985	7,126
Wyoming .....	166	77	98	88	128
<b>Pacific Contiguous</b> .....	<b>171,352</b>	<b>295,660</b>	<b>385,685</b>	<b>329,657</b>	<b>411,515</b>
California .....	148,001	266,743	374,700	314,789	390,482
Oregon .....	23,351	28,915	10,969	14,832	21,026
Washington .....	—	2	15	36	8
<b>Pacific Noncontiguous</b> .....	<b>20,430</b>	<b>18,887</b>	<b>20,989</b>	<b>18,439</b>	<b>18,180</b>
Alaska .....	20,430	18,887	20,989	18,439	18,180
Hawaii .....	—	—	—	—	—
<b>Total</b> .....	<b>2,809,455</b>	<b>2,922,957</b>	<b>2,764,734</b>	<b>2,604,663</b>	<b>3,023,327</b>

\* = Number less than 0.5

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

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

**Table 12. Average Delivered Cost of Gas by Census Division and State, 1995-1999**

Census Division and State	1999	1998	1997	1996	1995	1999	1998	1997	1996	1995
	(cents per million Btu)					(dollars per Mcf)				
<b>New England</b>	<b>267.1</b>	<b>283.7</b>	<b>300.6</b>	<b>266.2</b>	<b>198.5</b>	<b>2.74</b>	<b>2.92</b>	<b>3.09</b>	<b>2.75</b>	<b>2.03</b>
Connecticut	267.3	236.9	242.1	270.7	197.8	2.74	2.44	2.47	2.76	2.01
Maine	—	—	—	—	—	—	—	—	—	—
Massachusetts	265.3	273.8	301.0	296.2	200.6	2.72	2.82	3.11	3.07	2.06
New Hampshire	261.0	—	266.6	—	182.6	2.67	—	2.71	—	1.86
Rhode Island	—	328.5	326.4	222.6	184.9	—	3.38	3.35	2.29	1.90
Vermont	319.3	286.1	312.1	317.5	195.3	3.23	2.90	3.16	3.22	1.95
<b>Middle Atlantic</b>	<b>281.1</b>	<b>252.0</b>	<b>282.2</b>	<b>287.7</b>	<b>207.7</b>	<b>2.88</b>	<b>2.60</b>	<b>2.90</b>	<b>2.96</b>	<b>2.13</b>
New Jersey	298.9	262.0	295.1	289.8	211.8	3.08	2.74	3.06	2.96	2.18
New York	278.5	249.6	281.0	287.9	208.0	2.85	2.57	2.88	2.96	2.14
Pennsylvania	293.1	316.5	292.5	276.9	198.1	3.03	3.26	3.02	2.85	2.04
<b>East North Central</b>	<b>251.2</b>	<b>230.6</b>	<b>259.7</b>	<b>270.7</b>	<b>186.7</b>	<b>2.06</b>	<b>1.91</b>	<b>1.99</b>	<b>1.83</b>	<b>1.46</b>
Illinois	236.2	220.7	251.4	257.2	168.0	2.41	2.25	2.55	2.62	1.71
Indiana	289.3	280.5	316.3	341.2	244.1	2.97	2.88	3.23	3.48	2.49
Michigan	252.3	232.4	256.3	269.3	199.5	1.53	1.26	.80	.74	.73
Ohio	306.4	308.4	362.9	335.0	227.7	3.15	3.17	3.72	3.44	2.34
Wisconsin	290.5	264.1	314.7	300.6	220.7	2.93	2.68	3.17	3.04	2.23
<b>West North Central</b>	<b>249.5</b>	<b>224.1</b>	<b>267.8</b>	<b>241.2</b>	<b>171.7</b>	<b>2.51</b>	<b>2.25</b>	<b>2.64</b>	<b>2.38</b>	<b>1.70</b>
Iowa	313.7	305.9	339.8	322.4	271.0	3.15	3.07	3.41	3.23	2.72
Kansas	234.1	213.7	258.4	231.8	161.0	2.36	2.14	2.53	2.26	1.58
Minnesota	266.3	233.8	243.6	216.9	176.1	2.69	2.36	2.45	2.18	1.77
Missouri	265.6	223.4	279.4	255.2	168.1	2.66	2.26	2.81	2.58	1.69
Nebraska	281.1	242.7	287.1	206.1	165.8	2.80	2.40	2.86	2.07	1.66
North Dakota	404.0	369.3	322.0	276.6	349.4	4.21	3.88	3.43	2.93	3.73
South Dakota	—	176.7	—	233.0	157.8	—	1.77	—	2.36	1.58
<b>South Atlantic</b>	<b>296.6</b>	<b>279.3</b>	<b>302.9</b>	<b>307.9</b>	<b>224.8</b>	<b>3.08</b>	<b>2.93</b>	<b>3.16</b>	<b>3.12</b>	<b>2.28</b>
Delaware	303.3	297.7	304.7	302.5	227.2	2.98	2.89	3.15	3.13	2.35
District of Columbia	—	—	—	—	—	—	—	—	—	—
Florida	297.2	276.2	304.3	309.7	223.6	3.10	2.91	3.18	3.12	2.26
Georgia	248.9	316.0	265.5	281.3	272.1	2.57	3.25	2.72	2.88	2.79
Maryland	307.6	263.2	285.3	298.6	215.7	3.20	2.75	2.97	3.11	2.24
North Carolina	283.3	267.9	310.7	300.5	232.8	2.92	2.81	3.22	3.11	2.40
South Carolina	347.3	353.4	397.6	445.4	160.3	3.57	3.62	4.07	4.56	1.64
Virginia	299.7	295.4	274.0	281.6	259.1	3.17	3.10	2.93	2.98	2.67
West Virginia	299.8	351.4	335.1	299.0	357.6	3.00	3.51	3.35	2.99	3.58
<b>East South Central</b>	<b>245.2</b>	<b>224.5</b>	<b>263.4</b>	<b>269.0</b>	<b>172.3</b>	<b>2.52</b>	<b>2.33</b>	<b>2.73</b>	<b>2.79</b>	<b>1.79</b>
Alabama	295.1	247.5	277.2	287.6	197.7	2.98	2.59	2.86	2.95	2.01
Kentucky	340.4	331.9	337.3	341.3	294.1	3.49	3.40	3.45	3.49	3.01
Mississippi	242.6	222.1	262.2	267.9	171.0	2.49	2.31	2.72	2.78	1.78
Tennessee	—	—	—	—	—	—	—	—	—	—
<b>West South Central</b>	<b>249.0</b>	<b>227.0</b>	<b>266.7</b>	<b>255.9</b>	<b>190.5</b>	<b>2.55</b>	<b>2.33</b>	<b>2.74</b>	<b>2.63</b>	<b>1.96</b>
Arkansas	253.0	224.0	261.9	246.6	169.7	2.59	2.29	2.70	2.52	1.74
Louisiana	249.0	227.4	269.3	281.6	180.6	2.59	2.37	2.79	2.94	1.88
Oklahoma	271.7	241.2	287.8	290.1	226.5	2.79	2.48	2.97	2.98	2.34
Texas	245.8	224.9	263.3	245.6	188.9	2.51	2.30	2.69	2.51	1.93
<b>Mountain</b>	<b>247.5</b>	<b>230.8</b>	<b>245.5</b>	<b>231.0</b>	<b>168.5</b>	<b>2.53</b>	<b>2.36</b>	<b>2.51</b>	<b>2.36</b>	<b>1.73</b>
Arizona	264.3	239.1	294.4	298.2	172.9	2.67	2.42	2.99	3.03	1.77
Colorado	256.9	300.3	317.5	209.8	173.0	2.65	2.98	3.16	2.09	1.74
Idaho	—	—	—	—	—	—	—	—	—	—
Montana	184.5	191.8	1348.5	269.3	358.1	2.02	2.06	14.45	2.90	3.84
Nevada	242.3	230.2	211.9	206.0	165.8	2.51	2.38	2.18	2.12	1.71
New Mexico	228.2	220.0	259.2	227.9	154.5	2.31	2.22	2.64	2.31	1.57
Utah	253.8	202.5	203.0	179.0	214.5	2.65	2.11	2.09	1.83	2.26
Wyoming	372.3	796.0	875.9	1211.2	797.8	3.89	8.31	9.12	12.59	8.32
<b>Pacific Contiguous</b>	<b>261.8</b>	<b>257.5</b>	<b>298.0</b>	<b>261.9</b>	<b>217.7</b>	<b>2.65</b>	<b>2.63</b>	<b>3.04</b>	<b>2.68</b>	<b>2.23</b>
California	272.5	268.6	302.2	267.9	222.3	2.76	2.74	3.08	2.75	2.28
Oregon	193.6	154.1	147.6	132.2	129.8	1.96	1.56	1.49	1.33	1.31
Washington	—	325.9	4519.5	474.7	438.2	—	3.44	47.38	4.98	4.60
<b>Pacific Noncontiguous</b>	<b>159.3</b>	<b>179.8</b>	<b>174.0</b>	<b>144.6</b>	<b>128.6</b>	<b>1.59</b>	<b>1.80</b>	<b>1.74</b>	<b>1.45</b>	<b>1.29</b>
Alaska	159.3	179.8	174.0	144.6	128.6	1.59	1.80	1.74	1.45	1.29
Hawaii	—	—	—	—	—	—	—	—	—	—
<b>Total</b>	<b>257.4</b>	<b>238.1</b>	<b>276.0</b>	<b>264.1</b>	<b>198.4</b>	<b>2.62</b>	<b>2.43</b>	<b>2.81</b>	<b>2.69</b>	<b>2.02</b>

Notes: • Totals may not equal sum of components because of independent rounding. • The cost of gas for Montana, Washington, and Wyoming change considerably from year to year due to the low volume of gas received and varying amounts of fixed costs that must be allocated to the gas. These costs may not be representative of the cost of natural gas in these States. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet.

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

**Table 13. Receipts and Average Delivered Cost of Gas by Type of Purchase, Census Division and State, 1999**

Census Division and State	Type of Purchase											
	Firm			Interruptible			Spot			Total		
	Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost	
		(cents per MM Btu)	(\$ per Mcf)		(cents per MM Btu)	(\$ per Mcf)		(cents per MM Btu)	(\$ per Mcf)		(cents per MM Btu)	(\$ per Mcf)
<b>New England</b> .....	—	—	—	<b>21,717</b>	<b>265.0</b>	<b>2.72</b>	<b>1,348</b>	<b>300.7</b>	<b>3.08</b>	<b>23,065</b>	<b>267.1</b>	<b>2.74</b>
Connecticut.....	—	—	—	14,093	267.3	2.74	—	—	—	14,093	267.3	2.74
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	7,428	260.7	2.68	1,096	296.5	3.04	8,524	265.3	2.72
New Hampshire.....	—	—	—	196	261.0	2.67	—	—	—	196	261.0	2.67
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	252	319.3	3.23	252	319.3	3.23
<b>Middle Atlantic</b> .....	<b>14,659</b>	<b>381.3</b>	<b>3.90</b>	<b>109,149</b>	<b>266.3</b>	<b>2.74</b>	<b>85,573</b>	<b>283.1</b>	<b>2.89</b>	<b>209,381</b>	<b>281.1</b>	<b>2.88</b>
New Jersey.....	—	—	—	19,058	298.7	3.08	414	309.7	3.21	19,473	298.9	3.08
New York.....	11,736	412.1	4.20	89,400	258.6	2.66	78,994	281.4	2.87	180,131	278.5	2.85
Pennsylvania.....	2,923	259.1	2.67	691	354.3	3.67	6,164	302.4	3.13	9,778	293.1	3.03
<b>East North Central</b> .....	<b>3,778</b>	<b>250.2</b>	<b>2.54</b>	<b>46,810</b>	<b>260.9</b>	<b>1.66</b>	<b>38,906</b>	<b>244.0</b>	<b>2.49</b>	<b>89,494</b>	<b>251.2</b>	<b>2.06</b>
Illinois.....	1,516	258.2	2.65	1,976	255.2	2.62	31,006	233.9	2.39	34,497	236.2	2.41
Indiana.....	—	—	—	3,816	289.3	2.97	—	—	—	3,816	289.3	2.97
Michigan.....	1,816	237.8	2.39	37,012	249.7	1.34	4,858	268.4	2.68	43,686	252.3	1.53
Ohio.....	412	270.5	2.77	12	438.7	4.39	2,798	311.1	3.20	3,222	306.4	3.15
Wisconsin.....	35	298.5	3.03	3,995	291.4	2.94	244	275.3	2.77	4,273	290.5	2.93
<b>West North Central</b> .....	<b>2,066</b>	<b>280.2</b>	<b>2.79</b>	<b>36,785</b>	<b>242.4</b>	<b>2.45</b>	<b>6,417</b>	<b>280.4</b>	<b>2.80</b>	<b>45,268</b>	<b>249.5</b>	<b>2.51</b>
Iowa.....	337	344.4	3.47	2,322	305.6	3.07	1,299	320.3	3.20	3,958	313.7	3.15
Kansas.....	1,041	271.1	2.67	26,552	229.2	2.32	2,398	273.4	2.74	29,991	234.1	2.36
Minnesota.....	5	324.1	3.34	1,224	272.1	2.77	1,017	258.8	2.59	2,246	266.3	2.69
Missouri.....	—	—	—	5,699	263.4	2.65	1,703	272.8	2.72	7,402	265.6	2.66
Nebraska.....	682	261.7	2.62	989	294.7	2.92	—	—	—	1,671	281.1	2.80
North Dakota.....	—	—	—	*	404.0	4.21	—	—	—	*	404.0	4.21
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>253,322</b>	<b>300.5</b>	<b>3.12</b>	<b>60,110</b>	<b>279.0</b>	<b>2.90</b>	<b>22,027</b>	<b>298.9</b>	<b>3.15</b>	<b>335,459</b>	<b>296.6</b>	<b>3.08</b>
Delaware.....	21,859	303.3	2.98	—	—	—	—	—	—	21,859	303.3	2.98
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida.....	231,342	300.4	3.14	34,535	277.1	2.89	3,354	287.9	3.03	269,232	297.2	3.10
Georgia.....	—	—	—	10,684	248.9	2.57	—	—	—	10,684	248.9	2.57
Maryland.....	—	—	—	12,149	307.6	3.20	—	—	—	12,149	307.6	3.20
North Carolina.....	—	—	—	1,986	283.3	2.92	—	—	—	1,986	283.3	2.92
South Carolina.....	—	—	—	337	347.3	3.57	—	—	—	337	347.3	3.57
Virginia.....	120	131.1	1.42	14	126.9	1.32	18,673	300.9	3.18	18,807	299.7	3.17
West Virginia.....	—	—	—	405	299.8	3.00	—	—	—	405	299.8	3.00
<b>East South Central</b> .....	<b>4,484</b>	<b>229.5</b>	<b>2.36</b>	<b>6,905</b>	<b>250.1</b>	<b>2.57</b>	<b>64,905</b>	<b>245.8</b>	<b>2.52</b>	<b>76,294</b>	<b>245.2</b>	<b>2.52</b>
Alabama.....	—	—	—	2,174	295.1	2.98	—	—	—	2,174	295.1	2.98
Kentucky.....	—	—	—	—	—	—	875	340.4	3.49	875	340.4	3.49
Mississippi.....	4,484	229.5	2.36	4,730	229.8	2.38	64,030	244.5	2.51	73,245	242.6	2.49
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	<b>786,701</b>	<b>256.4</b>	<b>2.62</b>	<b>74,453</b>	<b>228.2</b>	<b>2.35</b>	<b>814,885</b>	<b>243.8</b>	<b>2.50</b>	<b>1,676,039</b>	<b>249.0</b>	<b>2.55</b>
Arkansas.....	—	—	—	—	—	—	26,189	253.0	2.59	26,189	253.0	2.59
Louisiana.....	82,948	256.4	2.68	40,574	234.1	2.44	183,245	249.0	2.58	306,767	249.0	2.59
Oklahoma.....	97,212	287.0	2.96	175	246.7	2.47	63,182	248.0	2.53	160,569	271.7	2.79
Texas.....	606,541	251.4	2.56	33,703	220.8	2.23	542,269	241.1	2.46	1,182,513	245.8	2.51
<b>Mountain</b> .....	<b>49,409</b>	<b>254.4</b>	<b>2.59</b>	<b>69,071</b>	<b>248.3</b>	<b>2.54</b>	<b>44,191</b>	<b>238.6</b>	<b>2.46</b>	<b>162,672</b>	<b>247.5</b>	<b>2.53</b>
Arizona.....	22,329	266.3	2.69	17,441	258.9	2.61	8,366	270.3	2.75	48,136	264.3	2.67
Colorado.....	15,716	257.5	2.66	—	—	—	83	138.0	1.36	15,799	256.9	2.65
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	333	170.3	1.84	40	293.7	3.48	—	—	—	373	184.5	2.02
Nevada.....	—	—	—	27,594	258.0	2.68	31,307	228.3	2.36	58,902	242.3	2.51
New Mexico.....	10,865	226.4	2.30	23,996	229.1	2.32	—	—	—	34,862	228.2	2.31
Utah.....	—	—	—	—	—	—	4,435	253.8	2.65	4,435	253.8	2.65
Wyoming.....	166	372.3	3.89	—	—	—	—	—	—	166	372.3	3.89
<b>Pacific Contiguous</b> .....	<b>7,505</b>	<b>243.3</b>	<b>2.44</b>	<b>21,950</b>	<b>284.7</b>	<b>2.88</b>	<b>141,897</b>	<b>259.2</b>	<b>2.62</b>	<b>171,352</b>	<b>261.8</b>	<b>2.65</b>
California.....	7,287	245.9	2.47	21,950	284.7	2.88	118,764	271.9	2.75	148,001	272.5	2.76
Oregon.....	219	156.9	1.59	—	—	—	23,132	194.0	1.96	23,351	193.6	1.96
Washington.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	<b>20,430</b>	<b>159.3</b>	<b>1.59</b>	—	—	—	—	—	—	<b>20,430</b>	<b>159.3</b>	<b>1.59</b>
Alaska.....	20,430	159.3	1.59	—	—	—	—	—	—	20,430	159.3	1.59
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>1,142,355</b>	<b>265.9</b>	<b>2.73</b>	<b>446,950</b>	<b>256.8</b>	<b>2.53</b>	<b>1,220,149</b>	<b>249.5</b>	<b>2.55</b>	<b>2,809,455</b>	<b>257.4</b>	<b>2.62</b>

\* = Number less than 0.5.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet. • MM Btu = million Btu. • Cost = average delivered cost.

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

**Table 14. Receipts and Average Delivered Cost of Gas by Type, Census Division, and State, 1999**

Census Division and State	Receipts by Type											
	Natural Gas			Blast Furnace/ Coke Oven Gas			Refinery Gas			Total Gas		
	Receipts (1,000 Mcf)	Heat Value (Btu per cf)	Cost (cents per MM Btu)	Receipts (1,000 Mcf)	Heat Value (Btu per cf)	Cost (cents per MM Btu)	Receipts (1,000 Mcf)	Heat Value (Btu per cf)	Cost (cents per MM Btu)	Receipts (1,000 Mcf)	Heat Value (Btu per cf)	Cost (cents per MM Btu)
<b>New England</b> .....	<b>23,065</b>	<b>1,025</b>	<b>267.1</b>	—	—	—	—	—	—	<b>23,065</b>	<b>1,025</b>	<b>267.1</b>
Connecticut.....	14,093	1,025	267.3	—	—	—	—	—	—	14,093	1,025	267.3
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	8,524	1,026	265.3	—	—	—	—	—	—	8,524	1,026	265.3
New Hampshire.....	196	1,024	261.0	—	—	—	—	—	—	196	1,024	261.0
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	252	1,012	319.3	—	—	—	—	—	—	252	1,012	319.3
<b>Middle Atlantic</b> .....	<b>209,381</b>	<b>1,025</b>	<b>281.1</b>	—	—	—	—	—	—	<b>209,381</b>	<b>1,025</b>	<b>281.1</b>
New Jersey.....	19,473	1,031	298.9	—	—	—	—	—	—	19,473	1,031	298.9
New York.....	180,131	1,024	278.5	—	—	—	—	—	—	180,131	1,024	278.5
Pennsylvania.....	9,778	1,033	293.1	—	—	—	—	—	—	9,778	1,033	293.1
<b>East North Central</b> .....	<b>69,610</b>	<b>1,017</b>	<b>256.9</b>	<b>19,884</b>	<b>127</b>	<b>90.5</b>	—	—	—	<b>89,494</b>	<b>820</b>	<b>251.2</b>
Illinois.....	34,497	1,022	236.2	—	—	—	—	—	—	34,497	1,022	236.2
Indiana.....	3,816	1,026	289.3	—	—	—	—	—	—	3,816	1,026	289.3
Michigan.....	23,802	1,009	269.3	19,884	127	90.5	—	—	—	43,686	608	252.3
Ohio.....	3,222	1,028	306.4	—	—	—	—	—	—	3,222	1,028	306.4
Wisconsin.....	4,273	1,010	290.5	—	—	—	—	—	—	4,273	1,010	290.5
<b>West North Central</b> .....	<b>45,268</b>	<b>1,008</b>	<b>249.5</b>	—	—	—	—	—	—	<b>45,268</b>	<b>1,008</b>	<b>249.5</b>
Iowa.....	3,958	1,004	313.7	—	—	—	—	—	—	3,958	1,004	313.7
Kansas.....	29,991	1,010	234.1	—	—	—	—	—	—	29,991	1,010	234.1
Minnesota.....	2,246	1,011	266.3	—	—	—	—	—	—	2,246	1,011	266.3
Missouri.....	7,402	1,003	265.6	—	—	—	—	—	—	7,402	1,003	265.6
Nebraska.....	1,671	995	281.1	—	—	—	—	—	—	1,671	995	281.1
North Dakota.....	*	1,042	404.0	—	—	—	—	—	—	*	1,042	404.0
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>335,164</b>	<b>1,040</b>	<b>296.7</b>	—	—	—	<b>295</b>	<b>1,116</b>	<b>129.7</b>	<b>335,459</b>	<b>1,040</b>	<b>296.6</b>
Delaware.....	21,859	983	303.3	—	—	—	—	—	—	21,859	983	303.3
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida.....	269,232	1,044	297.2	—	—	—	—	—	—	269,232	1,044	297.2
Georgia.....	10,684	1,032	248.9	—	—	—	—	—	—	10,684	1,032	248.9
Maryland.....	12,149	1,040	307.6	—	—	—	—	—	—	12,149	1,040	307.6
North Carolina.....	1,986	1,031	283.3	—	—	—	—	—	—	1,986	1,031	283.3
South Carolina.....	337	1,028	347.3	—	—	—	—	—	—	337	1,028	347.3
Virginia.....	18,512	1,055	302.5	—	—	—	295	1,116	129.7	18,807	1,056	299.7
West Virginia.....	405	1,000	299.8	—	—	—	—	—	—	405	1,000	299.8
<b>East South Central</b> .....	<b>76,294</b>	<b>1,027</b>	<b>245.2</b>	—	—	—	—	—	—	<b>76,294</b>	<b>1,027</b>	<b>245.2</b>
Alabama.....	2,174	1,011	295.1	—	—	—	—	—	—	2,174	1,011	295.1
Kentucky.....	875	1,025	340.4	—	—	—	—	—	—	875	1,025	340.4
Mississippi.....	73,245	1,027	242.6	—	—	—	—	—	—	73,245	1,027	242.6
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	<b>1,676,039</b>	<b>1,025</b>	<b>249.0</b>	—	—	—	—	—	—	<b>1,676,039</b>	<b>1,025</b>	<b>249.0</b>
Arkansas.....	26,189	1,022	253.0	—	—	—	—	—	—	26,189	1,022	253.0
Louisiana.....	306,767	1,039	249.0	—	—	—	—	—	—	306,767	1,039	249.0
Oklahoma.....	160,569	1,028	271.7	—	—	—	—	—	—	160,569	1,028	271.7
Texas.....	1,182,513	1,021	245.8	—	—	—	—	—	—	1,182,513	1,021	245.8
<b>Mountain</b> .....	<b>162,666</b>	<b>1,024</b>	<b>247.5</b>	—	—	—	<b>6</b>	<b>1,190</b>	<b>304.9</b>	<b>162,672</b>	<b>1,024</b>	<b>247.5</b>
Arizona.....	48,136	1,011	264.3	—	—	—	—	—	—	48,136	1,011	264.3
Colorado.....	15,799	1,032	256.9	—	—	—	—	—	—	15,799	1,032	256.9
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	367	1,091	182.3	—	—	—	6	1,190	304.9	373	1,092	184.5
Nevada.....	58,902	1,037	242.3	—	—	—	—	—	—	58,902	1,037	242.3
New Mexico.....	34,862	1,013	228.2	—	—	—	—	—	—	34,862	1,013	228.2
Utah.....	4,435	1,043	253.8	—	—	—	—	—	—	4,435	1,043	253.8
Wyoming.....	166	1,044	372.3	—	—	—	—	—	—	166	1,044	372.3
<b>Pacific Contiguous</b> .....	<b>171,352</b>	<b>1,012</b>	<b>261.8</b>	—	—	—	—	—	—	<b>171,352</b>	<b>1,012</b>	<b>261.8</b>
California.....	148,001	1,012	272.5	—	—	—	—	—	—	148,001	1,012	272.5
Oregon.....	23,351	1,012	193.6	—	—	—	—	—	—	23,351	1,012	193.6
Washington.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	<b>20,430</b>	<b>1,000</b>	<b>159.3</b>	—	—	—	—	—	—	<b>20,430</b>	<b>1,000</b>	<b>159.3</b>
Alaska.....	20,430	1,000	159.3	—	—	—	—	—	—	20,430	1,000	159.3
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>2,789,270</b>	<b>1,025</b>	<b>257.5</b>	<b>19,884</b>	<b>127</b>	<b>90.5</b>	<b>301</b>	<b>1,117</b>	<b>133.5</b>	<b>2,809,455</b>	<b>1,019</b>	<b>257.4</b>

\* = Number less than 0.5

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet. • cf = cubic foot. • MM Btu = million Btu. • Cost = average delivered cost.

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

**Table 15. Total Heating Value and Cost of Fossil Fuels by Census Division and State, 1999**

Census Division and State	Total Btu (billions)				% of Total Btu			Avg. Delivered Cost (cents per MM Btu)		
	Total	Coal	Petroleum	Gas	Coal	Petroleum	Gas	Coal	Petroleum	Gas
<b>New England</b> .....	<b>157,198</b>	<b>46,395</b>	<b>87,159</b>	<b>23,644</b>	<b>29.5</b>	<b>55.4</b>	<b>15.0</b>	<b>156.8</b>	<b>218.4</b>	<b>267.1</b>
Connecticut.....	77,808	948	62,419	14,441	1.2	80.2	18.6	169.3	223.5	267.3
Maine.....	6,621	—	6,621	—	—	100.0	—	—	177.9	—
Massachusetts.....	20,410	10,370	1,293	8,747	50.8	6.3	42.9	173.4	243.2	265.3
New Hampshire.....	52,104	35,077	16,826	201	67.3	32.3	.4	151.5	213.6	261.0
Rhode Island.....	—	—	—	—	—	—	—	—	—	—
Vermont.....	255	—	—	255	—	—	100.0	—	—	319.3
<b>Middle Atlantic</b> .....	<b>1,402,004</b>	<b>1,025,580</b>	<b>161,808</b>	<b>214,616</b>	<b>73.2</b>	<b>11.5</b>	<b>15.3</b>	<b>132.5</b>	<b>247.4</b>	<b>281.1</b>
New Jersey.....	103,662	68,305	15,283	20,074	65.9	14.7	19.4	145.4	288.2	298.9
New York.....	406,770	105,484	116,848	184,438	25.9	28.7	45.3	144.9	236.5	278.5
Pennsylvania.....	891,572	851,792	29,677	10,103	95.5	3.3	1.1	129.9	269.1	293.1
<b>East North Central</b> .....	<b>4,365,455</b>	<b>4,264,177</b>	<b>27,924</b>	<b>73,354</b>	<b>97.7</b>	<b>.6</b>	<b>1.7</b>	<b>125.9</b>	<b>334.4</b>	<b>251.2</b>
Illinois.....	732,955	692,973	4,722	35,261	94.5	.6	4.8	143.7	345.0	236.2
Indiana.....	1,216,991	1,209,245	3,832	3,914	99.4	.3	.3	111.0	426.3	289.3
Michigan.....	739,393	698,017	14,823	26,553	94.4	2.0	3.6	130.6	289.2	252.3
Ohio.....	1,236,763	1,229,165	4,287	3,311	99.4	.3	.3	136.2	391.7	306.4
Wisconsin.....	439,352	434,777	259	4,316	99.0	.1	1.0	102.3	413.7	290.5
<b>West North Central</b> .....	<b>2,282,825</b>	<b>2,232,780</b>	<b>4,433</b>	<b>45,612</b>	<b>97.8</b>	<b>.2</b>	<b>2.0</b>	<b>87.3</b>	<b>359.5</b>	<b>249.5</b>
Iowa.....	373,450	368,549	928	3,973	98.7	.2	1.1	82.1	398.8	313.7
Kansas.....	369,894	337,405	2,207	30,282	91.2	.6	8.2	95.4	319.0	234.1
Minnesota.....	296,713	294,199	245	2,270	99.2	.1	.8	109.6	420.9	266.3
Missouri.....	678,954	670,858	673	7,424	98.8	.1	1.1	92.6	381.5	265.6
Nebraska.....	205,206	203,455	89	1,662	99.1	*	.8	55.4	431.5	281.1
North Dakota.....	323,070	322,777	292	*	99.9	.1	*	73.0	417.2	404.0
South Dakota.....	35,537	35,537	—	—	100.0	—	—	93.6	—	—
<b>South Atlantic</b> <sup>1</sup> .....	<b>4,720,559</b>	<b>3,932,516</b>	<b>439,146</b>	<b>348,896</b>	<b>83.3</b>	<b>9.3</b>	<b>7.4</b>	<b>141.1</b>	<b>249.7</b>	<b>296.6</b>
Delaware.....	65,779	31,148	13,133	21,498	47.4	20.0	32.7	158.9	243.9	303.3
District of Columbia.....	2,479	—	2,479	—	—	100.0	—	—	339.5	—
Florida <sup>1</sup> .....	1,254,492	626,664	346,760	281,068	50.0	27.6	22.4	158.9	245.6	297.2
Georgia.....	796,136	781,761	3,347	11,028	98.2	.4	1.4	154.6	389.6	248.9
Maryland.....	343,426	288,434	42,355	12,638	84.0	12.3	3.7	137.9	257.4	307.6
North Carolina.....	641,762	636,831	2,885	2,047	99.2	.4	.3	143.8	398.4	283.3
South Carolina.....	330,769	329,884	538	346	99.7	.2	.1	141.6	406.7	347.3
Virginia.....	373,836	328,505	25,465	19,866	87.9	6.8	5.3	134.3	229.9	299.7
West Virginia.....	911,878	909,291	2,182	405	99.7	.2	*.3	118.2	463.5	299.8
<b>East South Central</b> <sup>1</sup> .....	<b>2,381,389</b>	<b>2,265,699</b>	<b>37,362</b>	<b>78,328</b>	<b>95.1</b>	<b>1.6</b>	<b>3.3</b>	<b>123.2</b>	<b>181.1</b>	<b>245.2</b>
Alabama <sup>1</sup> .....	665,159	661,966	995	2,197	99.5	.1	.3	147.6	326.0	295.1
Kentucky <sup>1</sup> .....	822,975	820,837	1,241	897	99.7	.2	.1	105.8	431.9	340.4
Mississippi.....	250,405	142,115	33,057	75,234	56.8	13.2	30.0	155.2	154.1	242.6
Tennessee <sup>1</sup> .....	642,850	640,781	2,069	—	99.7	.3	—	113.1	393.3	—
<b>West South Central</b> .....	<b>4,095,017</b>	<b>2,371,791</b>	<b>5,916</b>	<b>1,717,309</b>	<b>57.9</b>	<b>.1</b>	<b>41.9</b>	<b>120.4</b>	<b>255.9</b>	<b>249.0</b>
Arkansas.....	293,956	266,542	643	26,771	90.7	.2	9.1	145.6	329.3	253.0
Louisiana.....	548,679	225,809	4,128	318,742	41.2	.8	58.1	139.8	204.2	249.0
Oklahoma.....	527,062	362,009	60	164,993	68.7	*	31.3	91.2	495.5	271.7
Texas.....	2,725,320	1,517,431	1,085	1,206,804	55.7	*	44.3	120.0	396.0	245.8
<b>Mountain</b> .....	<b>2,358,393</b>	<b>2,189,755</b>	<b>2,116</b>	<b>166,522</b>	<b>92.8</b>	<b>.1</b>	<b>7.1</b>	<b>106.1</b>	<b>487.2</b>	<b>247.5</b>
Arizona.....	453,755	404,367	738	48,650	89.1	.2	10.7	132.7	479.8	264.3
Colorado.....	374,881	358,537	41	16,303	95.6	*	4.3	98.5	543.8	256.9
Idaho.....	—	—	—	—	—	—	—	—	—	—
Montana.....	176,265	175,740	118	407	99.7	.1	.2	72.7	491.0	184.5
Nevada.....	242,963	181,794	114	61,054	74.8	*	25.1	129.4	452.6	242.3
New Mexico.....	328,986	293,308	371	35,307	89.2	.1	10.7	132.9	502.3	228.2
Utah.....	334,728	329,855	245	4,627	98.5	.1	1.4	103.1	513.6	253.8
Wyoming.....	446,816	446,154	489	173	99.9	.1	*	76.2	476.0	372.3
<b>Pacific Contiguous</b> .....	<b>305,681</b>	<b>131,923</b>	<b>384</b>	<b>173,374</b>	<b>43.2</b>	<b>.1</b>	<b>56.7</b>	<b>140.8</b>	<b>413.2</b>	<b>261.8</b>
California.....	149,800	—	61	149,739	—	*	100.0	—	327.2	272.5
Oregon.....	65,571	41,689	247	23,635	63.6	.4	36.0	107.9	414.1	193.6
Washington.....	90,311	90,234	76	—	99.9	.1	—	156.0	478.8	—
<b>Pacific Noncontiguous</b> .....	<b>87,886</b>	<b>—</b>	<b>67,458</b>	<b>20,429</b>	<b>—</b>	<b>76.8</b>	<b>23.2</b>	<b>—</b>	<b>319.9</b>	<b>159.3</b>
Alaska.....	20,429	—	—	20,429	—	—	100.0	—	—	159.3
Hawaii.....	67,458	—	67,458	—	—	—	—	—	319.9	—
<b>Total</b> .....	<b>22,156,407</b>	<b>18,460,617</b>	<b>833,706</b>	<b>2,862,084</b>	<b>83.3</b>	<b>3.8</b>	<b>12.9</b>	<b>121.6</b>	<b>252.7</b>	<b>257.4</b>

<sup>1</sup> The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 5, 6, and 7 at the end of Table 31.

\* = Number less than 0.5 billion Btu or 0.05 percent.

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

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

# Origin and Destination of Coal

**Table 16. Origin of Coal by State, 1999**

State of Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama .....	13,214	12,145	1.04	0.86	12.65	177.5	43.11
Arizona .....	12,622	10,955	.51	.47	9.57	121.6	26.65
Colorado .....	24,124	11,035	.46	.42	8.54	125.4	27.67
Illinois.....	34,416	11,493	2.13	1.86	8.56	130.9	30.08
Indiana.....	31,132	11,112	2.33	2.10	9.16	106.7	23.72
Kansas .....	402	10,949	4.05	3.70	19.57	103.9	22.76
Kentucky.....	108,384	12,231	1.56	1.27	10.50	133.0	32.52
Louisiana.....	2,810	6,963	.92	1.32	12.49	133.7	18.62
Maryland.....	3,139	12,308	1.85	1.50	15.37	110.4	27.19
Missouri.....	196	10,996	3.52	3.20	15.63	122.6	26.96
Montana.....	36,464	9,004	.53	.59	6.84	114.7	20.66
New Mexico.....	27,144	9,397	.70	.75	19.83	137.7	25.89
North Dakota.....	24,649	6,547	.75	1.15	9.39	73.0	9.56
Ohio.....	20,464	11,818	3.50	2.96	10.74	140.7	33.27
Oklahoma.....	193	12,694	3.67	2.89	10.23	109.5	27.81
Pennsylvania.....	45,215	12,812	1.86	1.45	9.74	123.8	31.73
Tennessee.....	1,990	12,503	1.19	.95	10.83	131.8	32.96
Texas .....	49,750	6,347	.97	1.53	16.66	100.4	12.74
Utah.....	18,469	11,765	.47	.40	9.53	106.6	25.07
Virginia.....	19,739	12,875	1.00	.78	9.73	142.9	36.80
Washington.....	3,984	7,803	.90	1.16	15.05	171.0	26.68
West Virginia.....	103,634	12,375	1.47	1.19	11.41	135.5	33.55
Wyoming.....	321,127	8,658	.33	.38	5.33	107.3	18.59
<b>Subtotal .....</b>	<b>903,262</b>	<b>10,153</b>	<b>1.01</b>	<b>.99</b>	<b>9.03</b>	<b>121.5</b>	<b>24.66</b>
Imported <sup>1</sup> .....	4,969	11,906	.57	.48	5.57	148.6	35.39
<b>Total.....</b>	<b>908,232</b>	<b>10,163</b>	<b>1.01</b>	<b>.99</b>	<b>9.01</b>	<b>121.6</b>	<b>24.72</b>

<sup>1</sup> Imported includes coal from Australia, Colombia, Indonesia, Poland, and Venezuela.

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

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



**Table 17. Receipts of Lignite by Electric Utility, 1999**

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Basin Electric Power Coop .....	9,028	6,622	0.68	1.03	8.36	71.9	9.53
Central Louisiana Elec Co Inc.....	2,810	6,963	.92	1.32	12.49	133.7	18.62
Coop Power Assn .....	7,150	6,189	.66	1.06	11.34	81.3	10.06
Houston Lighting & Power Co.....	8,938	6,592	1.05	1.59	17.06	102.9	13.56
Minnkota Power Coop Inc .....	4,468	6,641	.89	1.34	8.92	58.2	7.73
Montana-Dakota Utilities Co .....	3,157	6,972	1.00	1.43	8.34	81.6	11.37
San Miguel Electric Coop Inc.....	3,086	5,271	1.76	3.34	26.86	72.3	7.62
Southwestern Electric Power Co.....	3,627	6,583	1.17	1.78	14.34	110.2	14.51
Texas-New Mexico Power Co .....	1,640	6,771	.91	1.34	18.14	143.3	19.41
Texas Utilities Electric Co .....	32,460	6,334	.85	1.34	15.76	98.4	12.47
United Power Assn .....	1,062	6,703	.67	.99	9.83	69.7	9.35
<b>Total .....</b>	<b>77,425</b>	<b>6,434</b>	<b>.90</b>	<b>1.39</b>	<b>14.17</b>	<b>92.8</b>	<b>11.94</b>

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • This table includes all lignite mined in the continental United States and reported on FERC Form 423. • MM Btu = million Btu.

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

**Table 18. Receipts, Quality, and Average Delivered Cost of Imported Coal, 1995-1999**

Electric Utility Country of Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>1999</b> .....	<b>4,969</b>	<b>11,906</b>	<b>0.57</b>	<b>0.48</b>	<b>5.6</b>	<b>148.6</b>	<b>35.39</b>
Alabama Electric Coop Inc.....	291	11,513	.54	.47	4.4	139.8	32.19
Colombia.....	291	11,513	.54	.47	4.4	139.8	32.19
Alabama Power Co.....	262	11,783	.55	.46	3.36	185.1	43.62
Colombia.....	262	11,783	.55	.46	3.4	185.1	43.62
Baltimore Gas & Electric Co.....	29	12,003	.68	.57	6.00	131.5	31.57
Colombia.....	29	12,003	.68	.57	6.00	131.5	31.57
Central Hudson Gas & Elec Corp	626	12,890	.65	.50	6.43	160.2	41.30
Colombia.....	36	13,277	.62	.47	7.27	161.8	42.96
Venezuela.....	589	12,866	.65	.51	6.38	160.1	41.19
Florida Power Corp.....	99	12,867	.70	.55	5.99	173.4	44.63
Venezuela.....	99	12,867	.70	.55	5.99	173.4	44.63
Gulf Power Co <sup>1</sup> .....	310	12,483	.64	.51	5.97	148.2	37.00
Colombia.....	67	11,871	.54	.45	3.68	153.4	36.41
Venezuela.....	243	12,652	.67	.53	6.60	146.9	37.16
Jacksonville Electric Auth.....	1,083	11,791	.66	.56	7.51	145.7	34.35
Australia.....	63	11,506	.67	.58	11.80	124.2	28.58
Colombia.....	1,020	11,808	.66	.56	7.24	146.9	34.70
Lakeland City of.....	32	11,570	.71	.61	4.50	168.1	38.90
Colombia.....	32	11,570	.71	.61	4.50	168.1	38.90
Mississippi Power Co.....	717	11,706	.43	.37	4.24	145.6	34.09
Colombia.....	701	11,696	.43	.36	4.16	145.7	34.07
Venezuela.....	16	12,165	.75	.62	7.60	142.5	34.67
Public Service Co of NH.....	507	12,990	.67	.52	5.53	142.6	37.05
Venezuela.....	507	12,990	.67	.52	5.53	142.6	37.05
Savannah Electric & Power Co.....	434	12,535	.75	.60	7.24	139.2	34.91
Venezuela.....	434	12,535	.75	.60	7.24	139.2	34.91
Tampa Electric Co.....	539	9,400	.14	.14	2.61	135.4	25.46
Venezuela.....	151	9,373	.18	.19	6.70	146.6	27.47
Indonesia.....	388	9,410	.12	.13	1.02	131.1	24.68
United Illuminating Co.....	35	13,541	.61	.45	4.85	169.3	45.85
Venezuela.....	35	13,541	.61	.45	4.85	169.3	45.85
Vineland City of.....	5	12,842	.78	.61	6.21	193.0	49.57
Poland.....	4	12,842	.78	.61	6.21	193.0	49.57
Venezuela.....	1	12,842	.78	.61	6.21	193.0	49.57
<b>1998</b> .....	<b>5,845</b>	<b>11,967</b>	<b>.61</b>	<b>.51</b>	<b>5.67</b>	<b>155.6</b>	<b>37.24</b>
Cajun Electric Power Coop Inc.....	303	9,485	.09	.09	.86	187.6	35.58
Indonesia.....	303	9,485	.09	.09	.86	187.6	35.58
Central Hudson Gas & Elec Corp	594	13,070	.63	.48	7.08	167.3	43.72
Colombia.....	35	13,309	.62	.47	7.38	169.8	45.20
Venezuela.....	559	13,055	.63	.48	7.06	167.1	43.63
Central Power & Light Co.....	103	12,588	.69	.55	7.68	168.5	42.42
Colombia.....	60	12,760	.66	.52	6.60	171.0	43.65
Venezuela.....	42	12,344	.73	.59	9.20	164.8	40.69
Florida Power Corp.....	80	12,968	.73	.56	5.67	166.9	43.30
Venezuela.....	80	12,968	.73	.56	5.67	166.9	43.30
Gulf Power Co <sup>1</sup> .....	434	12,415	.69	.56	5.64	149.6	37.13
Colombia.....	321	12,349	.65	.53	5.25	150.4	37.15
Venezuela.....	112	12,602	.81	.64	6.74	147.2	37.10
Jacksonville Electric Auth.....	1,588	11,821	.66	.56	6.84	145.1	34.30
Colombia.....	1,588	11,821	.66	.56	6.84	145.1	34.30
Lakeland City of.....	43	12,941	.62	.48	5.70	175.7	45.48
Venezuela.....	43	12,941	.62	.48	5.70	175.7	45.48

See footnotes at end of table.

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

**Table 18. Receipts, Quality, and Average Delivered Cost of Imported Coal, 1995-1999 (Continued)**

Electric Utility Country of Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>1998</b>							
<b>Mississippi Power Co</b> .....	<b>174</b>	<b>12,586</b>	<b>0.75</b>	<b>0.60</b>	<b>6.94</b>	<b>140.4</b>	<b>35.35</b>
Venezuela .....	174	12,586	.75	.60	6.94	140.4	35.35
<b>New England Power Co</b> .....	<b>939</b>	<b>12,578</b>	<b>.65</b>	<b>.52</b>	<b>6.18</b>	<b>160.9</b>	<b>40.48</b>
Colombia .....	467	12,116	.62	.51	5.82	169.9	41.16
Venezuela .....	472	13,036	.68	.53	6.54	152.7	39.81
<b>Public Service Co of NH</b> .....	<b>366</b>	<b>12,940</b>	<b>.65</b>	<b>.50</b>	<b>5.70</b>	<b>150.5</b>	<b>38.95</b>
Colombia .....	35	13,188	.64	.49	5.50	172.8	45.58
Venezuela .....	331	12,914	.65	.51	5.72	148.1	38.25
<b>Public Service Electric&amp;Gas Co</b> .....	<b>39</b>	<b>12,998</b>	<b>.68</b>	<b>.52</b>	<b>5.50</b>	<b>155.3</b>	<b>40.37</b>
Venezuela .....	39	12,998	.68	.52	5.50	155.3	40.37
<b>San Antonio City of</b> .....	<b>67</b>	<b>11,972</b>	<b>.57</b>	<b>.47</b>	<b>5.21</b>	<b>190.9</b>	<b>45.70</b>
Colombia .....	24	11,600	.33	.28	3.80	200.6	46.54
Venezuela .....	43	12,179	.70	.57	6.00	185.7	45.22
<b>Savannah Electric &amp; Power Co</b> .....	<b>414</b>	<b>12,492</b>	<b>1.01</b>	<b>.81</b>	<b>7.19</b>	<b>144.6</b>	<b>36.14</b>
Venezuela .....	414	12,492	1.01	.81	7.19	144.6	36.14
<b>Tampa Electric Co</b> .....	<b>597</b>	<b>9,515</b>	<b>.21</b>	<b>.22</b>	<b>1.09</b>	<b>157.1</b>	<b>29.89</b>
Indonesia .....	597	9,515	.21	.22	1.09	157.1	29.89
<b>United Illuminating Co</b> .....	<b>106</b>	<b>13,084</b>	<b>.60</b>	<b>.46</b>	<b>5.47</b>	<b>171.0</b>	<b>44.75</b>
Venezuela .....	106	13,084	.60	.46	5.47	171.0	44.75
<b>1997</b> .....	<b>4,871</b>	<b>11,848</b>	<b>.68</b>	<b>.57</b>	<b>5.81</b>	<b>159.5</b>	<b>37.80</b>
<b>Central Hudson Gas &amp; Elec Corp</b> .....	<b>497</b>	<b>13,131</b>	<b>.65</b>	<b>.49</b>	<b>6.63</b>	<b>172.6</b>	<b>45.32</b>
Colombia .....	147	13,032	.65	.50	7.17	171.3	44.64
Venezuela .....	350	13,172	.65	.49	6.40	173.1	45.61
<b>Central Power &amp; Light Co</b> .....	<b>26</b>	<b>11,665</b>	<b>.47</b>	<b>.40</b>	<b>6.00</b>	<b>173.2</b>	<b>40.41</b>
Colombia .....	26	11,665	.47	.40	6.00	173.2	40.41
<b>Jacksonville Electric Auth</b> .....	<b>1,385</b>	<b>11,851</b>	<b>.78</b>	<b>.66</b>	<b>7.42</b>	<b>150.1</b>	<b>35.59</b>
Colombia .....	1,385	11,851	.78	.66	7.42	150.1	35.59
<b>New England Power Co</b> .....	<b>1,460</b>	<b>12,365</b>	<b>.65</b>	<b>.52</b>	<b>6.01</b>	<b>165.4</b>	<b>40.90</b>
Colombia .....	1,078	12,112	.63	.52	5.93	166.2	40.26
Venezuela .....	383	13,078	.68	.52	6.22	163.3	42.70
<b>Public Service Co of NH</b> .....	<b>305</b>	<b>12,345</b>	<b>.64</b>	<b>.52</b>	<b>5.98</b>	<b>164.7</b>	<b>40.66</b>
Colombia .....	35	13,231	.63	.48	6.70	160.1	42.37
Venezuela .....	229	12,217	.67	.55	6.13	160.7	39.27
Indonesia .....	41	12,300	.49	.40	4.50	190.7	46.92
<b>San Antonio City of</b> .....	<b>73</b>	<b>11,603</b>	<b>.34</b>	<b>.29</b>	<b>3.89</b>	<b>176.9</b>	<b>41.06</b>
Colombia .....	73	11,603	.34	.29	3.89	176.9	41.06
<b>Savannah Electric &amp; Power Co</b> .....	<b>279</b>	<b>11,949</b>	<b>1.28</b>	<b>1.07</b>	<b>7.72</b>	<b>135.1</b>	<b>32.29</b>
Venezuela .....	279	11,949	1.28	1.07	7.72	135.1	32.29
<b>Tacoma Public Utilities</b> .....	<b>10</b>	<b>10,144</b>	<b>.43</b>	<b>.42</b>	<b>12.25</b>	<b>171.4</b>	<b>34.79</b>
Canada .....	10	10,144	.43	.42	12.25	171.4	34.79
<b>Tampa Electric Co</b> .....	<b>800</b>	<b>9,859</b>	<b>.43</b>	<b>.44</b>	<b>1.59</b>	<b>159.6</b>	<b>31.47</b>
Venezuela .....	59	12,953	1.47	1.13	3.50	130.2	33.73
Indonesia .....	741	9,614	.35	.37	1.44	162.7	31.29
<b>United Illuminating Co</b> .....	<b>35</b>	<b>13,387</b>	<b>.64</b>	<b>.48</b>	<b>4.30</b>	<b>169.6</b>	<b>45.41</b>
Venezuela .....	35	13,387	.64	.48	4.30	169.6	45.41
<b>1996</b> .....	<b>4,699</b>	<b>11,797</b>	<b>.63</b>	<b>.53</b>	<b>5.77</b>	<b>161.5</b>	<b>38.10</b>
<b>Gulf Power Co<sup>1</sup></b> .....	<b>298</b>	<b>12,207</b>	<b>.96</b>	<b>.79</b>	<b>5.94</b>	<b>231.9</b>	<b>56.61</b>
Venezuela .....	298	12,207	.96	.79	5.94	231.9	56.61
<b>Jacksonville Electric Auth</b> .....	<b>1,417</b>	<b>11,810</b>	<b>.66</b>	<b>.56</b>	<b>7.71</b>	<b>152.9</b>	<b>36.11</b>
Colombia .....	1,417	11,810	.66	.56	7.71	152.9	36.11
<b>New England Power Co</b> .....	<b>1,766</b>	<b>12,586</b>	<b>.65</b>	<b>.51</b>	<b>6.00</b>	<b>159.9</b>	<b>40.25</b>
Colombia .....	630	12,032	.58	.48	5.60	161.7	38.91
Venezuela .....	1,135	12,893	.68	.53	6.23	159.0	40.99

See footnotes at end of table.

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

**Table 18. Receipts, Quality, and Average Delivered Cost of Imported Coal, 1995-1999 (Continued)**

Electric Utility Country of Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>1996</b>							
<b>Public Service Co of NH</b> .....	<b>154</b>	<b>12,586</b>	<b>0.60</b>	<b>0.48</b>	<b>5.72</b>	<b>174.2</b>	<b>43.84</b>
Colombia .....	32	12,169	.66	.54	5.68	161.9	39.41
Venezuela .....	96	12,774	.55	.43	5.07	181.3	46.32
Indonesia .....	26	12,412	.72	.58	8.20	161.9	40.19
<b>Savannah Electric &amp; Power Co</b> .....	<b>210</b>	<b>12,143</b>	<b>1.08</b>	<b>.89</b>	<b>6.71</b>	<b>152.8</b>	<b>37.11</b>
Venezuela .....	210	12,143	1.08	.89	6.71	152.8	37.11
<b>Tacoma Public Utilities</b> .....	<b>18</b>	<b>9,861</b>	<b>.44</b>	<b>.45</b>	<b>12.97</b>	<b>174.6</b>	<b>34.44</b>
Canada .....	18	9,861	.44	.45	12.97	174.6	34.44
<b>Tampa Electric Co</b> .....	<b>808</b>	<b>9,655</b>	<b>.29</b>	<b>.30</b>	<b>1.48</b>	<b>149.7</b>	<b>28.91</b>
Indonesia .....	808	9,655	.29	.30	1.48	149.7	28.91
<b>United Illuminating Co</b> .....	<b>28</b>	<b>13,174</b>	<b>.61</b>	<b>.46</b>	<b>4.10</b>	<b>185.0</b>	<b>48.74</b>
Venezuela .....	28	13,174	.61	.46	4.10	185.0	48.74
<b>1995</b> .....	<b>4,398</b>	<b>12,070</b>	<b>.68</b>	<b>.56</b>	<b>6.26</b>	<b>171.8</b>	<b>41.46</b>
<b>Central Hudson Gas &amp; Elec Corp</b>	<b>28</b>	<b>13,281</b>	<b>.56</b>	<b>.42</b>	<b>7.30</b>	<b>224.1</b>	<b>59.53</b>
Venezuela .....	28	13,281	.56	.42	7.30	224.1	59.53
<b>Delmarva Power &amp; Light Co</b> .....	<b>7</b>	<b>13,141</b>	<b>.75</b>	<b>.57</b>	<b>7.07</b>	<b>180.3</b>	<b>47.39</b>
Colombia .....	7	13,141	.75	.57	7.07	180.3	47.39
<b>Gulf Power Co</b> <sup>1</sup> .....	<b>891</b>	<b>12,342</b>	<b>.93</b>	<b>.75</b>	<b>6.32</b>	<b>231.5</b>	<b>57.16</b>
Venezuela .....	891	12,342	.93	.75	6.32	231.5	57.16
<b>Jacksonville Electric Auth</b> .....	<b>1,341</b>	<b>11,826</b>	<b>.67</b>	<b>.57</b>	<b>7.52</b>	<b>151.5</b>	<b>35.82</b>
Colombia .....	1,341	11,826	.67	.57	7.52	151.5	35.82
<b>New England Power Co</b> .....	<b>1,462</b>	<b>12,577</b>	<b>.64</b>	<b>.51</b>	<b>6.16</b>	<b>159.6</b>	<b>40.15</b>
Colombia .....	558	12,195	.60	.49	5.24	157.1	38.33
Venezuela .....	904	12,813	.67	.52	6.73	161.0	41.27
<b>Public Service Co of NH</b> .....	<b>296</b>	<b>12,658</b>	<b>.61</b>	<b>.48</b>	<b>6.16</b>	<b>162.2</b>	<b>41.06</b>
Colombia .....	134	12,634	.61	.48	6.45	162.5	41.07
Venezuela .....	82	13,044	.71	.54	7.24	156.5	40.84
Indonesia .....	80	12,300	.52	.42	4.56	167.8	41.28
<b>Tacoma Public Utilities</b> .....	<b>24</b>	<b>10,066</b>	<b>.47</b>	<b>.47</b>	<b>13.14</b>	<b>166.0</b>	<b>33.42</b>
Canada .....	24	10,066	.47	.47	13.14	166.0	33.42
<b>Tampa Electric Co</b> .....	<b>349</b>	<b>9,696</b>	<b>.31</b>	<b>.32</b>	<b>1.16</b>	<b>143.8</b>	<b>27.88</b>
Indonesia .....	349	9,696	.31	.32	1.16	143.8	27.88

<sup>1</sup> Coal shown as imported from Venezuela and delivered to the Gulf Power Company during 1995 and 1996 includes some coal that was a mixture of Illinois and Venezuela coal delivered under contract to the company.

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

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

**Table 19. Receipts of Appalachian Region Coal by Electric Utility, 1999**

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama Electric Coop Inc.....	716	11,866	1.61	1.36	12.52	137.2	32.56
Alabama Power Co.....	12,295	12,163	.99	.82	12.65	180.7	43.95
American Mun Power Ohio Inc.....	832	11,583	4.70	4.05	15.05	89.6	20.75
Appalachian Power Co.....	13,649	12,261	.75	.61	12.06	132.4	32.48
Atlantic City Electric Co.....	679	12,884	2.12	1.65	9.66	157.2	40.50
Baltimore Gas & Electric Co.....	5,515	12,728	.88	.69	10.42	139.4	35.50
Cardinal Operating Co.....	3,660	12,273	1.52	1.23	12.01	225.0	55.24
Carolina Power & Light Co.....	11,546	12,544	.91	.72	10.08	147.9	37.12
Cedar Falls City of.....	44	12,057	1.31	1.09	12.51	160.8	38.78
Central Hudson Gas & Elec Corp.....	231	13,058	.67	.51	8.22	166.6	43.51
Central Operating Co.....	2,658	12,146	1.49	1.22	12.49	122.7	29.79
Cincinnati Gas & Electric Co.....	11,773	12,092	2.00	1.66	11.35	110.2	26.65
Cleveland Electric Illum Co.....	3,738	12,851	2.08	1.61	8.73	124.4	31.98
Columbia City of.....	40	13,402	1.23	.92	6.62	199.6	53.49
Columbus Southern Power Co.....	4,118	11,972	2.68	2.24	8.87	121.4	29.07
Consumers Power Co.....	5,192	12,343	.84	.68	11.15	153.1	37.79
Dayton Power & Light Co.....	7,589	11,562	.78	.67	14.53	119.6	27.66
Delmarva Power & Light Co.....	1,204	12,935	.97	.75	9.26	158.9	41.12
Detroit Edison Co.....	5,825	13,079	1.36	1.04	7.36	124.1	32.47
Duke Power Co.....	14,802	12,398	.82	.66	10.56	140.4	34.82
Duquesne Light Co.....	2,042	12,659	1.99	1.58	10.29	144.1	36.49
East Kentucky Power Coop Inc.....	3,938	12,343	.87	.70	10.59	113.5	28.02
Florida Power Corp.....	5,347	12,664	.84	.67	9.06	172.0	43.56
Gainesville Regional Utilities.....	557	13,074	.64	.49	7.09	165.2	43.19
Georgia Power Co.....	24,559	12,550	.91	.73	10.45	155.8	39.10
Gulf Power Co.....	153	12,325	1.59	1.29	11.21	152.4	37.56
Hamilton City of.....	138	12,404	.92	.74	9.88	144.5	35.84
Holland City of.....	169	13,080	.85	.65	6.70	156.7	40.99
Holyoke Water Power Co.....	324	13,218	.90	.68	7.05	173.6	45.90
Indiana-Kentucky Electric Corp.....	1,367	13,020	1.64	1.26	7.76	146.3	38.10
Indiana Michigan Power Co.....	3,516	12,314	.96	.78	10.00	119.2	29.35
Jacksonville Electric Auth.....	2,097	12,604	1.29	1.02	8.81	159.6	40.24
Jamestown City of.....	89	12,703	1.79	1.41	9.55	128.2	32.58
Kentucky Power Co.....	3,218	12,215	1.11	.91	10.12	105.6	25.80
Kentucky Utilities Co.....	6,573	12,242	1.32	1.08	11.50	112.9	27.65
Lakeland City of.....	758	12,849	1.43	1.11	9.09	174.0	44.71
Lansing City of.....	668	12,647	.87	.69	8.79	158.7	40.14
Louisville Gas & Electric Co.....	1,146	11,813	3.24	2.74	14.54	89.0	21.02
Manitowoc Public Utilities.....	104	13,140	1.39	1.06	6.98	162.4	42.69
Marquette City of.....	18	13,593	.90	.66	5.40	155.1	42.17
Metropolitan Edison Co.....	1,180	13,149	1.53	1.16	6.94	140.4	36.93
Michigan South Central Pwr Agy.....	118	11,993	3.21	2.67	11.18	155.0	37.19
Monongahela Power Co.....	13,345	12,534	3.01	2.40	10.81	104.6	26.23
Montaup Electric Co.....	70	12,891	.67	.52	7.98	172.3	44.42
New York State Elec & Gas Corp.....	1,152	12,973	2.22	1.71	8.24	134.3	34.84
Niagara Mohawk Power Corp.....	1,101	13,140	1.90	1.45	7.09	137.1	36.03
Northern Indiana Pub Serv Co.....	276	12,969	2.54	1.96	8.41	118.2	30.66
Northern States Power Co.....	16	13,593	.78	.57	5.70	192.2	52.25
Ohio Edison Co.....	7,069	12,316	1.58	1.29	11.84	112.4	27.69
Ohio Power Co.....	14,504	11,865	2.47	2.08	11.73	164.9	39.13
Ohio Valley Electric Corp.....	3,080	12,847	2.42	1.89	8.11	110.8	28.47
Orange & Rockland Utils Inc.....	268	12,972	.59	.46	7.93	183.9	47.70
Orlando Utilities Comm.....	2,116	12,807	1.11	.86	8.56	168.3	43.12
Orrville City of.....	186	11,609	3.50	3.02	10.19	101.2	23.50
Painesville City of.....	92	12,528	2.52	2.01	8.36	131.7	32.99
Pennsylvania Electric Co.....	12,679	12,400	2.01	1.62	13.13	115.8	28.71
Pennsylvania Power & Light Co.....	7,164	12,762	1.64	1.28	10.70	137.7	35.15
Pennsylvania Power Co.....	5,004	12,047	3.38	2.81	12.53	160.9	38.78
Philadelphia Electric Co.....	1,260	13,209	1.83	1.39	7.61	144.5	38.18
Potomac Edison Co.....	122	12,320	.97	.79	12.76	130.3	32.11
Potomac Electric Power Co.....	6,591	13,172	1.26	.96	8.08	137.9	36.33
PSI Energy Inc.....	944	13,196	2.25	1.70	7.18	115.0	30.35
Public Service Co of NH.....	829	13,221	1.76	1.33	6.78	156.8	41.47
Public Service Electric&Gas Co.....	1,911	13,245	.79	.59	8.28	141.1	37.39
Richmond City of.....	211	12,329	2.72	2.21	9.68	122.5	30.21
Rochester Public Utilities.....	*	13,500	1.00	.74	6.00	150.0	40.50
Rochester Gas & Electric Corp.....	579	13,180	2.14	1.62	7.31	140.5	37.04
Savannah Electric & Power Co.....	357	11,423	.93	.82	16.12	146.2	33.40
Seminole Electric Coop Inc.....	949	13,251	2.66	2.01	7.08	143.1	37.93

See footnotes at end of table.

**Table 19. Receipts of Appalachian Region Coal by Electric Utility, 1999 (Continued)**

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
South Carolina Electric&Gas Co.....	6,078	12,729	1.10	0.86	9.26	149.1	37.97
South Carolina Pub Serv Auth.....	6,026	12,886	1.20	.93	8.27	134.0	34.53
South Mississippi El Pwr Assn.....	1,038	12,381	.88	.71	9.69	189.5	46.93
Southern Indiana Gas & Elec Co.....	132	13,056	1.52	1.16	7.34	123.7	32.30
Tampa Electric Co.....	798	12,891	1.52	1.18	7.87	201.2	51.87
Tennessee Valley Authority.....	10,031	12,575	1.50	1.19	10.18	122.7	30.86
Toledo Edison Co.....	46	12,712	.71	.56	9.63	130.0	33.04
Vineland City of.....	2	12,842	.78	.61	6.21	193.1	49.60
Virginia Electric & Power Co.....	13,613	12,577	1.59	1.26	10.81	127.1	31.98
West Penn Power Co.....	4,603	12,809	2.32	1.81	8.97	110.5	28.30
Wisconsin Electric Power Co.....	951	13,113	1.57	1.20	6.82	140.5	36.86
Wisconsin Power & Light Co.....	12	13,073	3.07	2.35	7.10	141.4	36.97
Wyandotte Municipal Serv Comm.....	129	12,704	1.00	.79	9.16	144.9	36.81
<b>Total.....</b>	<b>289,520</b>	<b>12,462</b>	<b>1.50</b>	<b>1.21</b>	<b>10.64</b>	<b>137.6</b>	<b>34.30</b>

\* = Number less than 0.5.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • The Appalachian Region includes Alabama, Georgia, eastern Kentucky, Maryland, Ohio, Pennsylvania, Tennessee, Virginia, and West Virginia. • MM Btu = million Btu.

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

**Table 20. Receipts of Interior Region Coal by Electric Utility, 1999**

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama Electric Coop Inc.....	545	11,926	1.07	0.90	6.05	143.4	34.21
Alabama Power Co.....	1,509	12,435	2.02	1.62	9.47	125.5	31.21
Associated Electric Coop Inc.....	3	11,214	2.43	2.17	8.01	130.0	29.16
Big Rivers Electric Corp.....	263	11,422	2.58	2.26	8.77	103.5	23.65
Central Electric Pwr Coop-MO.....	135	11,014	2.73	2.48	9.06	127.7	28.14
Central Illinois Light Co.....	2,669	10,903	2.47	2.27	8.05	141.7	30.90
Central Illinois Pub Serv Co.....	2,857	10,544	1.42	1.35	8.52	156.2	32.95
Central Iowa Power Coop.....	191	12,168	2.79	2.29	9.55	113.4	27.60
Cincinnati Gas & Electric Co.....	33	12,005	1.87	1.56	9.98	110.8	26.60
Commonwealth Edison Co.....	28	8,377	2.71	3.23	24.69	155.6	26.07
Dairyland Power Coop.....	710	12,015	1.05	.87	6.02	135.2	32.49
Empire District Electric Co.....	152	11,986	3.31	2.76	12.14	120.1	28.78
Georgia Power Co.....	1,124	12,117	1.08	.89	6.55	149.0	36.10
Grand Haven City of.....	156	11,068	2.32	2.09	10.22	132.1	29.24
Grand River Dam Authority.....	112	12,993	3.91	3.01	9.18	101.7	26.43
Gulf Power Co.....	3,084	12,205	1.44	1.18	7.22	141.9	34.64
Hoosier Energy R E C Inc.....	3,859	11,168	2.90	2.60	10.10	123.8	27.66
IES Utilities Co.....	61	12,057	1.06	.88	6.50	158.2	38.15
Illinois Power Co.....	4,759	10,832	2.64	2.44	10.08	108.5	23.50
Independence City of.....	142	10,695	3.54	3.31	16.57	132.2	28.28
Indiana Michigan Power Co.....	244	12,178	1.39	1.14	6.76	119.9	29.21
Indianapolis Power & Light Co.....	8,101	11,150	2.32	2.08	8.89	96.9	21.61
Interstate Power Co.....	149	11,608	1.04	.90	8.53	113.0	26.23
Kansas City Power & Light Co.....	400	10,950	4.06	3.71	19.59	103.8	22.73
Kentucky Utilities Co.....	945	11,379	2.62	2.30	10.16	100.1	22.79
Louisville Gas & Electric Co.....	5,644	11,174	3.40	3.04	12.16	96.3	21.53
Madison Gas & Electric Co.....	142	10,743	1.31	1.22	9.41	143.4	30.80
Manitowoc Public Utilities.....	15	11,500	1.11	.97	8.01	153.8	35.38
Mississippi Power Co.....	1,418	12,227	1.52	1.25	7.20	141.8	34.68
Northern Indiana Pub Serv Co.....	2,956	11,016	2.92	2.65	9.40	117.8	25.95
Owensboro City of.....	1,304	10,986	3.37	3.07	11.54	94.0	20.65
PSI Energy Inc.....	15,087	11,010	1.73	1.57	9.02	108.6	23.91
Richmond City of.....	123	11,423	2.60	2.28	8.26	127.0	29.02
Rochester Public Utilities.....	106	11,064	.88	.80	8.85	158.5	35.08
Seminole Electric Coop Inc.....	2,160	12,077	2.94	2.43	7.63	171.7	41.46
Southern Illinois Power Coop.....	770	10,721	2.84	2.65	16.88	94.5	20.26
Southern Indiana Gas & Elec Co.....	2,651	11,446	3.84	3.36	9.18	94.8	21.71
Springfield City of.....	1,111	10,460	3.02	2.89	9.33	110.3	23.08
Springfield City of.....	140	12,052	1.17	.97	6.47	150.5	36.27
Tampa Electric Co.....	4,964	11,975	2.41	2.01	8.43	144.6	34.62
Tennessee Valley Authority.....	20,482	11,509	3.12	2.71	12.38	103.7	23.87
Union Electric Co.....	1,289	11,766	1.88	1.59	7.28	138.1	32.50
Wisconsin Power & Light Co.....	4	12,017	1.08	.90	7.09	168.4	40.47
<b>Total.....</b>	<b>92,599</b>	<b>11,338</b>	<b>2.52</b>	<b>2.22</b>	<b>9.95</b>	<b>115.6</b>	<b>26.21</b>

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • The Interior Region includes Arkansas, Illinois, Indiana, Iowa, Kansas, western Kentucky, Missouri, Oklahoma, and Texas. • This table excludes all lignite receipts. • MM Btu = million Btu.

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

**Table 21. Receipts of Western Region Coal by Electric Utility, 1999**

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama Power Co.....	10,332	8,679	0.34	0.39	5.07	116.6	20.24
Ames City of .....	238	8,884	.18	.21	4.34	140.9	25.03
Arizona Electric Pwr Coop Inc.....	1,435	9,929	.46	.47	14.89	116.2	23.06
Arizona Public Service Co.....	12,301	9,280	.67	.72	18.98	113.6	21.08
Arkansas Power & Light Co.....	13,078	8,665	.27	.31	4.79	146.3	25.36
Associated Electric Coop Inc.....	9,138	8,886	.19	.21	4.37	83.2	14.78
Basin Electric Power Coop .....	7,406	8,361	.41	.49	5.45	44.3	7.41
Black Hills Corp.....	496	8,078	.57	.70	7.04	42.7	6.90
Cajun Electric Power Coop Inc .....	6,648	8,338	.46	.55	5.78	146.2	24.39
Central Illinois Pub Serv Co.....	3,485	8,976	.26	.29	5.10	106.2	19.07
Central Louisiana Elec Co Inc.....	2,054	8,614	.68	.79	7.54	138.2	23.80
Central Power & Light Co.....	2,583	9,658	.30	.32	5.39	140.5	27.14
Cleveland Electric Illum Co.....	80	8,862	.23	.26	4.82	114.4	20.28
Colorado Springs City of.....	1,450	10,596	.41	.39	7.31	116.2	24.64
Commonwealth Edison Co.....	14,178	8,819	.39	.45	5.27	192.0	33.87
Consumers Power Co.....	3,750	8,823	.37	.42	5.77	104.4	18.42
Dairyland Power Coop.....	2,117	9,180	.23	.25	4.95	108.3	19.88
Deseret Generation & Tran Coop.....	1,502	10,327	.42	.40	10.88	157.5	32.53
Detroit Edison Co.....	14,619	9,162	.29	.32	4.50	128.7	23.58
Electric Energy Inc.....	4,935	8,742	.24	.27	4.56	87.4	15.28
Empire District Electric Co.....	952	8,863	.20	.22	4.50	104.4	18.51
Fremont City of .....	249	8,778	.20	.22	4.47	92.0	16.15
Georgia Power Co .....	6,821	8,724	.34	.39	5.38	151.5	26.44
Grand Island City of.....	375	8,299	.37	.45	5.42	65.0	10.80
Grand River Dam Authority .....	3,837	8,429	.33	.39	5.35	85.0	14.33
Gulf States Utilities Co.....	2,343	8,629	.45	.53	5.80	129.6	22.37
Hastings City of.....	399	8,307	.34	.41	5.47	64.1	10.66
Houston Lighting & Power Co.....	11,121	8,625	.36	.42	5.21	170.9	29.49
IES Utilities Co .....	5,538	8,458	.35	.41	5.62	85.3	14.42
Illinois Power Co.....	1,444	11,149	.47	.42	8.45	133.7	29.82
Indiana-Kentucky Electric Corp.....	3,693	8,841	.22	.25	4.79	97.1	17.17
Indiana Michigan Power Co .....	8,043	8,750	.23	.27	4.52	107.1	18.74
Interstate Power Co.....	1,631	9,332	.37	.40	6.40	109.5	20.45
Kansas City City of.....	1,400	8,468	.38	.45	5.29	76.5	12.96
Kansas City Power & Light Co.....	9,915	8,602	.31	.36	5.20	71.9	12.37
Kansas Power & Light Co.....	10,795	8,639	.35	.41	4.86	109.6	18.94
Kentucky Utilities Co.....	304	8,856	.18	.20	4.40	108.2	19.16
Lansing City of.....	705	8,804	.27	.31	5.40	133.0	23.42
Los Angeles City of .....	4,898	11,737	.51	.44	9.12	144.7	33.98
Lower Colorado River Authority.....	7,996	8,563	.34	.39	5.50	92.7	15.87
Marquette City of .....	138	9,321	.35	.37	4.23	116.6	21.73
Minnesota Power & Light Co.....	3,899	9,040	.54	.60	6.38	115.1	20.80
Mississippi Power Co.....	3,250	9,990	.42	.42	6.37	151.3	30.23
Montana-Dakota Utilities Co .....	*	7,072	.64	.90	6.81	54.2	7.67
Montana Power Co.....	10,202	8,471	.73	.86	9.75	72.4	12.27
Muscatine City of.....	1,146	8,244	.89	1.08	6.66	77.0	12.69
Nebraska Public Power District .....	6,051	8,616	.26	.30	4.49	49.2	8.49
Nevada Power Co.....	1,906	11,653	.46	.39	8.92	117.3	27.33
Northern Indiana Pub Serv Co.....	5,729	9,306	.43	.47	5.71	129.5	24.11
Northern States Power Co.....	12,262	8,814	.40	.45	6.26	107.0	18.87
Oklahoma Gas & Electric Co .....	11,496	8,619	.30	.35	5.31	82.2	14.17
Omaha Public Power District.....	4,896	8,370	.33	.40	5.73	59.9	10.03
Otter Tail Power Co.....	2,409	8,723	.57	.65	8.10	98.6	17.20
PacifiCorp .....	30,773	9,560	.56	.58	9.61	93.0	17.78
Plains Elec Gen&Trans Coop Inc.....	926	9,260	.84	.91	17.25	131.5	24.35
Platte River Power Authority .....	1,327	8,806	.25	.29	5.41	59.9	10.55
Portland General Electric Co .....	2,326	8,961	.39	.44	6.41	107.9	19.34
Public Service Co of Colorado .....	10,597	9,510	.37	.39	6.44	96.3	18.32
Public Service Co of NM.....	6,623	9,303	.83	.89	25.83	173.8	32.33
Public Service Co of Oklahoma .....	3,716	8,643	.21	.24	4.59	118.0	20.40
Rochester Public Utilities.....	*	8,800	.32	.36	5.00	92.0	16.19
Salt River Proj Ag I & P Dist .....	10,963	10,672	.50	.47	10.71	127.2	27.14
San Antonio City of .....	6,879	8,470	.33	.39	5.73	96.2	16.29
Sierra Pacific Power Co.....	1,676	11,548	.41	.36	8.63	140.5	32.45
Sikeston City of.....	1,006	8,750	.34	.39	5.55	100.5	17.59
Southern California Edison Co .....	4,493	10,981	.49	.44	9.79	130.5	28.65
Southern Illinois Power Coop.....	5	8,580	.54	.63	8.64	108.2	18.58
Southwestern Electric Power Co.....	9,221	8,514	.29	.35	4.63	150.9	25.69
Southwestern Public Service Co.....	8,959	8,794	.34	.39	5.37	145.4	25.58

See footnotes at end of table.



**Table 21. Receipts of Western Region Coal by Electric Utility, 1999 (Continued)**

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Springfield City of.....	1,617	8,912	0.18	0.21	4.30	102.3	18.23
St Joseph Light & Power Co.....	457	9,606	.30	.31	5.49	94.4	18.13
Sunflower Electric Coop Inc.....	1,561	8,465	.31	.37	5.39	106.1	17.96
Tampa Electric Co.....	430	8,802	.20	.22	4.47	126.4	22.25
Tennessee Valley Authority.....	11,510	10,607	.42	.40	7.45	116.6	24.74
Texas Municipal Power Agency.....	1,920	8,430	.33	.39	5.62	120.2	20.26
Texas Utilities Electric Co.....	2,094	8,369	.32	.38	5.52	107.5	17.99
Toledo Edison Co.....	1,816	8,782	.25	.28	5.10	116.3	20.42
Tri State G & T Assn Inc.....	5,015	10,257	.44	.43	7.32	106.2	21.79
Tucson Electric Power Co.....	3,523	9,435	.82	.87	16.37	149.8	28.27
Union Electric Co.....	16,500	8,679	.26	.30	5.03	93.2	16.18
UtiliCorp United Inc.....	1,395	9,623	.38	.39	5.63	89.1	17.15
West Texas Utilities Co.....	2,888	8,416	.42	.50	5.35	130.1	21.90
Western Farmers Elec Coop Inc.....	1,838	8,710	.28	.32	5.00	104.8	18.26
Wisconsin Electric Power Co.....	10,567	9,079	.33	.36	5.85	93.7	17.02
Wisconsin Power & Light Co.....	7,436	8,666	.35	.40	5.20	102.8	17.82
Wisconsin Public Service Corp.....	3,512	8,821	.25	.28	4.84	104.1	18.36
<b>Total.....</b>	<b>443,718</b>	<b>9,049</b>	<b>.39</b>	<b>.43</b>	<b>6.90</b>	<b>112.0</b>	<b>20.27</b>

\* = Number less than 0.5.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • The Western Region includes Arizona, Colorado, Montana, New Mexico, North Dakota, Utah, Washington, and Wyoming. • This table excludes all lignite receipts. • MM Btu = million Btu.

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

**Table 22. Destination and Origin of Coal by State, 1999**

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Alabama<sup>1</sup></b> .....	<b>30,192</b>	<b>10,963</b>	<b>1.02</b>	<b>0.93</b>	<b>9.32</b>	<b>147.6</b>	<b>32.36</b>
Alabama .....	12,947	12,146	1.03	.85	12.64	178.5	43.36
Colorado .....	30	11,383	.40	.35	9.21	112.4	25.58
Illinois.....	1,878	12,151	2.27	1.87	7.75	125.5	30.49
Kentucky .....	3,445	12,210	2.24	1.84	10.43	115.1	28.11
Pennsylvania.....	59	13,228	2.59	1.96	7.64	112.7	29.82
Tennessee .....	429	12,400	.89	.72	14.50	136.9	33.96
Virginia.....	61	12,540	.82	.65	9.21	138.3	34.70
West Virginia.....	457	12,063	2.66	2.20	11.33	112.7	27.18
Wyoming.....	10,332	8,679	.34	.39	5.07	116.6	20.24
Imported .....	553	11,641	.54	.47	3.90	161.5	37.60
<b>Arizona</b> .....	<b>19,712</b>	<b>10,257</b>	<b>.55</b>	<b>.53</b>	<b>12.67</b>	<b>132.7</b>	<b>27.21</b>
Arizona .....	8,129	10,941	.53	.48	9.44	116.7	25.54
Colorado .....	525	10,982	.44	.40	7.98	177.3	38.94
Montana.....	70	9,372	.33	.35	4.21	122.8	23.02
New Mexico.....	10,857	9,733	.57	.59	15.47	143.9	28.00
Wyoming.....	132	8,800	.28	.31	5.04	119.5	21.03
<b>Arkansas</b> .....	<b>15,406</b>	<b>8,651</b>	<b>.27</b>	<b>.31</b>	<b>4.75</b>	<b>145.6</b>	<b>25.19</b>
Wyoming.....	15,406	8,651	.27	.31	4.75	145.6	25.19
<b>Colorado</b> .....	<b>18,389</b>	<b>9,749</b>	<b>.38</b>	<b>.39</b>	<b>6.67</b>	<b>98.5</b>	<b>19.20</b>
Colorado.....	10,442	10,636	.45	.42	8.11	107.6	22.89
Wyoming.....	7,947	8,582	.30	.35	4.77	83.6	14.35
<b>Connecticut</b> .....	<b>35</b>	<b>13,541</b>	<b>.61</b>	<b>.45</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
Imported .....	35	13,541	.61	.45	4.85	169.3	45.85
<b>Delaware</b> .....	<b>1,204</b>	<b>12,935</b>	<b>.97</b>	<b>.75</b>	<b>9.26</b>	<b>158.9</b>	<b>41.12</b>
Kentucky .....	31	12,648	.66	.52	7.65	174.6	44.17
Maryland.....	123	13,019	1.46	1.12	10.11	145.5	37.87
Pennsylvania.....	324	13,238	1.35	1.02	6.61	143.5	37.98
Virginia.....	213	13,412	.76	.57	7.28	173.9	46.64
West Virginia.....	513	12,543	.71	.57	11.65	165.0	41.39
<b>Florida<sup>1</sup></b> .....	<b>25,477</b>	<b>12,299</b>	<b>1.53</b>	<b>1.24</b>	<b>8.06</b>	<b>158.9</b>	<b>39.08</b>
Alabama .....	72	11,960	2.22	1.86	14.16	133.0	31.80
Illinois.....	8,205	12,068	2.09	1.73	7.79	150.9	36.41
Kentucky .....	11,336	12,632	1.37	1.09	8.49	166.1	41.97
Pennsylvania.....	93	12,954	1.84	1.42	6.94	138.5	35.87
Virginia.....	876	12,467	.74	.59	9.53	201.1	50.14
West Virginia.....	2,400	12,908	1.70	1.31	8.73	151.3	39.07
Wyoming.....	430	8,802	.20	.22	4.47	126.4	22.25
Imported .....	2,064	11,319	.52	.46	5.88	145.7	32.99
<b>Georgia</b> .....	<b>33,296</b>	<b>11,740</b>	<b>.80</b>	<b>.68</b>	<b>9.30</b>	<b>154.6</b>	<b>36.29</b>
Alabama .....	194	12,145	1.55	1.28	12.70	127.1	30.87
Illinois.....	1,124	12,117	1.08	.89	6.55	149.0	36.10
Kentucky .....	15,388	12,547	.97	.77	9.92	151.6	38.05
Virginia.....	5,491	12,834	.87	.68	10.41	151.6	38.92
West Virginia.....	3,843	12,074	.69	.57	13.01	179.9	43.45
Wyoming.....	6,821	8,724	.34	.39	5.38	151.5	26.44
Imported .....	434	12,535	.75	.60	7.24	139.2	34.91
<b>Illinois</b> .....	<b>36,241</b>	<b>9,560</b>	<b>1.03</b>	<b>1.07</b>	<b>6.76</b>	<b>143.7</b>	<b>27.47</b>
Colorado.....	1,066	11,638	.52	.45	9.61	127.7	29.72
Illinois.....	11,652	10,710	2.38	2.22	9.69	125.6	26.90
Indiana.....	440	11,060	1.99	1.80	8.73	142.8	31.59
Kentucky .....	102	12,031	2.24	1.86	11.04	125.2	30.11
Montana.....	1,659	9,589	.35	.36	3.96	161.8	31.03
Utah .....	338	11,560	.50	.43	9.35	138.4	31.99
Wyoming.....	20,983	8,739	.33	.38	5.11	155.8	27.22
<b>Indiana</b> .....	<b>56,933</b>	<b>10,620</b>	<b>1.58</b>	<b>1.49</b>	<b>7.84</b>	<b>111.0</b>	<b>23.58</b>
Illinois.....	4,568	11,091	2.35	2.12	9.42	114.3	25.35
Indiana.....	28,428	11,110	2.28	2.05	9.10	106.2	23.60
Kentucky .....	1,961	12,576	1.14	.90	9.28	119.7	30.10
Ohio.....	389	10,825	4.10	3.78	13.37	108.3	23.44
Pennsylvania.....	635	13,106	2.07	1.58	7.51	111.5	29.23

See footnotes at end of table.

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

**Table 22. Destination and Origin of Coal by State, 1999 (Continued)**

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Indiana (Continued)</b>							
Virginia.....	997	13,864	0.69	0.50	5.61	157.1	43.57
West Virginia.....	2,489	12,353	1.38	1.12	9.78	119.5	29.53
Wyoming.....	17,466	8,952	.30	.33	4.97	112.6	20.17
<b>Iowa.....</b>	<b>21,474</b>	<b>8,581</b>	<b>.40</b>	<b>.47</b>	<b>5.54</b>	<b>82.1</b>	<b>14.09</b>
Colorado.....	347	11,620	.50	.43	9.10	134.3	31.20
Illinois.....	379	11,952	1.82	1.52	8.63	120.3	28.75
Kentucky.....	21	11,794	2.95	2.51	10.05	117.4	27.70
Montana.....	116	9,381	.34	.36	4.16	143.9	27.01
Ohio.....	*	12,789	4.23	3.31	8.30	139.9	35.78
Pennsylvania.....	22	12,057	1.30	1.08	12.51	160.8	38.79
West Virginia.....	22	12,054	1.30	1.08	12.52	160.9	38.79
Wyoming.....	20,566	8,453	.37	.44	5.41	79.2	13.40
<b>Kansas.....</b>	<b>19,553</b>	<b>8,628</b>	<b>.43</b>	<b>.50</b>	<b>5.35</b>	<b>95.4</b>	<b>16.47</b>
Colorado.....	587	10,916	.45	.41	7.87	135.7	29.63
Kansas.....	400	10,950	4.06	3.71	19.59	103.8	22.73
Montana.....	1,319	9,370	.34	.37	4.04	90.2	16.90
Oklahoma.....	66	12,321	3.34	2.71	11.21	118.8	29.27
Utah.....	3	12,425	.45	.36	8.31	147.6	36.68
Wyoming.....	17,178	8,424	.34	.40	5.01	93.7	15.78
<b>Kentucky<sup>1</sup>.....</b>	<b>35,435</b>	<b>11,582</b>	<b>2.27</b>	<b>1.96</b>	<b>12.35</b>	<b>105.8</b>	<b>24.52</b>
Colorado.....	3,088	11,800	.47	.40	8.34	132.1	31.18
Illinois.....	236	11,787	2.51	2.13	10.22	101.0	23.81
Indiana.....	1,868	11,194	3.38	3.02	10.04	98.7	22.10
Kentucky.....	21,415	11,436	2.69	2.35	13.71	101.7	23.26
Ohio.....	172	12,400	4.09	3.30	9.67	85.5	21.21
Pennsylvania.....	402	13,067	1.74	1.33	6.99	116.5	30.44
West Virginia.....	7,486	12,189	1.71	1.40	11.86	108.2	26.38
Wyoming.....	768	8,783	.28	.32	5.03	104.3	18.31
<b>Louisiana.....</b>	<b>13,854</b>	<b>8,149</b>	<b>.58</b>	<b>.72</b>	<b>7.40</b>	<b>139.8</b>	<b>22.79</b>
Louisiana.....	2,810	6,963	.92	1.32	12.49	133.7	18.62
Wyoming.....	11,044	8,451	.50	.59	6.11	141.1	23.85
<b>Maryland.....</b>	<b>11,143</b>	<b>12,943</b>	<b>1.12</b>	<b>.86</b>	<b>9.30</b>	<b>137.9</b>	<b>35.69</b>
Kentucky.....	334	13,004	.74	.57	7.35	140.6	36.57
Maryland.....	227	13,066	1.48	1.14	9.97	130.8	34.19
Pennsylvania.....	3,114	13,123	1.51	1.15	7.55	137.0	35.95
Virginia.....	65	13,157	1.08	.82	9.40	153.2	40.32
West Virginia.....	7,373	12,861	.96	.75	10.11	138.3	35.57
Imported.....	29	12,003	.68	.57	6.00	131.5	31.57
<b>Massachusetts.....</b>	<b>394</b>	<b>13,160</b>	<b>.86</b>	<b>.65</b>	<b>7.22</b>	<b>173.4</b>	<b>45.63</b>
Kentucky.....	215	13,112	.74	.57	7.08	179.2	46.99
Pennsylvania.....	73	13,273	1.32	.99	6.53	161.8	42.95
West Virginia.....	106	13,177	.79	.60	7.96	169.7	44.73
<b>Michigan.....</b>	<b>33,281</b>	<b>10,487</b>	<b>.62</b>	<b>.59</b>	<b>6.49</b>	<b>130.6</b>	<b>27.39</b>
Colorado.....	807	11,813	.51	.43	9.07	139.1	32.88
Indiana.....	156	11,068	2.32	2.09	10.22	132.1	29.24
Kentucky.....	4,140	12,753	.86	.68	8.78	145.2	37.04
Montana.....	9,314	9,428	.35	.37	4.45	145.8	27.48
Ohio.....	131	12,054	3.12	2.58	10.86	155.3	37.44
Pennsylvania.....	2,575	13,168	1.47	1.12	6.69	121.8	32.07
West Virginia.....	5,293	12,508	1.10	.88	10.49	142.6	35.68
Wyoming.....	10,864	8,785	.27	.31	5.06	102.1	17.94
<b>Minnesota.....</b>	<b>16,559</b>	<b>8,883</b>	<b>.44</b>	<b>.49</b>	<b>6.27</b>	<b>109.6</b>	<b>19.47</b>
Colorado.....	12	11,803	.49	.42	7.50	127.2	30.03
Illinois.....	23	12,030	1.11	.92	6.90	162.5	39.10
Indiana.....	83	10,791	.82	.76	9.40	157.3	33.94
Kentucky.....	*	13,500	1.00	.74	6.00	150.0	40.50
Montana.....	8,616	8,911	.60	.67	7.54	111.0	19.77
Wyoming.....	7,825	8,819	.25	.28	4.84	107.2	18.90

See footnotes at end of table.

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

**Table 22. Destination and Origin of Coal by State, 1999 (Continued)**

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Mississippi</b> .....	<b>6,423</b>	<b>11,062</b>	<b>0.74</b>	<b>0.67</b>	<b>6.85</b>	<b>155.2</b>	<b>34.34</b>
Colorado.....	1,100	11,293	.51	.45	9.86	157.9	35.66
Illinois.....	1,413	12,228	1.52	1.24	7.20	141.9	34.71
Kentucky.....	1,043	12,380	.89	.72	9.68	189.2	46.85
Montana.....	1,949	9,390	.36	.39	4.49	148.3	27.85
Wyoming.....	201	8,685	.42	.48	5.46	136.0	23.63
Imported.....	717	11,706	.43	.37	4.24	145.6	34.09
<b>Missouri</b> .....	<b>37,486</b>	<b>8,948</b>	<b>.34</b>	<b>.38</b>	<b>5.04</b>	<b>92.6</b>	<b>16.56</b>
Illinois.....	1,579	11,723	1.89	1.61	7.39	138.9	32.56
Kansas.....	2	10,900	3.50	3.21	17.50	123.6	26.94
Kentucky.....	43	13,250	1.31	.99	6.72	195.5	51.80
Missouri.....	196	10,996	3.52	3.20	15.63	122.6	26.96
Oklahoma.....	15	12,121	3.40	2.80	13.70	130.5	31.63
Utah.....	104	12,132	.43	.36	8.01	117.4	28.49
Wyoming.....	35,546	8,798	.25	.28	4.87	89.3	15.71
<b>Montana</b> .....	<b>10,417</b>	<b>8,435</b>	<b>.73</b>	<b>.86</b>	<b>9.71</b>	<b>72.7</b>	<b>12.26</b>
Montana.....	9,777	8,419	.76	.90	10.06	73.6	12.40
Wyoming.....	640	8,675	.21	.24	4.46	58.8	10.21
<b>Nebraska</b> .....	<b>11,970</b>	<b>8,498</b>	<b>.30</b>	<b>.35</b>	<b>5.06</b>	<b>55.4</b>	<b>9.42</b>
Utah.....	3	11,378	.26	.23	7.40	127.4	28.99
Wyoming.....	11,968	8,498	.30	.35	5.06	55.4	9.42
<b>Nevada</b> .....	<b>8,075</b>	<b>11,257</b>	<b>.46</b>	<b>.41</b>	<b>9.35</b>	<b>129.4</b>	<b>29.13</b>
Arizona.....	4,493	10,981	.49	.44	9.79	130.5	28.65
Utah.....	3,582	11,604	.44	.38	8.78	128.1	29.72
<b>New Hampshire</b> .....	<b>1,335</b>	<b>13,133</b>	<b>1.35</b>	<b>1.03</b>	<b>6.31</b>	<b>151.5</b>	<b>39.79</b>
Ohio.....	7	13,017	2.44	1.87	6.20	157.6	41.03
Pennsylvania.....	638	13,186	1.61	1.22	6.80	158.3	41.73
West Virginia.....	184	13,351	2.25	1.69	6.71	152.0	40.58
Imported.....	507	12,990	.67	.52	5.53	142.6	37.05
<b>New Jersey</b> .....	<b>2,597</b>	<b>13,150</b>	<b>1.14</b>	<b>.86</b>	<b>8.64</b>	<b>145.4</b>	<b>38.23</b>
Kentucky.....	151	12,864	.80	.62	8.92	146.3	37.64
Ohio.....	16	12,702	2.46	1.94	6.66	155.5	39.50
Virginia.....	716	13,761	.71	.51	5.95	140.6	38.70
West Virginia.....	1,710	12,924	1.33	1.03	9.76	147.2	38.04
Imported.....	5	12,842	.78	.61	6.21	193.0	49.57
<b>New Mexico</b> .....	<b>16,059</b>	<b>9,132</b>	<b>.80</b>	<b>.87</b>	<b>22.86</b>	<b>132.9</b>	<b>24.27</b>
New Mexico.....	16,059	9,132	.80	.87	22.86	132.9	24.27
<b>New York</b> .....	<b>4,047</b>	<b>13,034</b>	<b>1.67</b>	<b>1.28</b>	<b>7.52</b>	<b>144.9</b>	<b>37.77</b>
Kentucky.....	354	12,953	.61	.47	8.06	180.6	46.78
Pennsylvania.....	1,799	12,991	1.83	1.41	7.81	137.3	35.68
West Virginia.....	1,268	13,188	2.25	1.71	7.49	138.3	36.49
Imported.....	626	12,890	.65	.50	6.43	160.2	41.30
<b>North Carolina</b> .....	<b>25,575</b>	<b>12,450</b>	<b>.85</b>	<b>.68</b>	<b>10.39</b>	<b>143.8</b>	<b>35.80</b>
Kentucky.....	12,198	12,428	.90	.73	10.04	142.8	35.49
Virginia.....	659	12,739	.89	.69	10.75	143.8	36.63
West Virginia.....	12,718	12,457	.79	.63	10.71	144.7	36.05
<b>North Dakota</b> .....	<b>24,650</b>	<b>6,547</b>	<b>.75</b>	<b>1.15</b>	<b>9.39</b>	<b>73.0</b>	<b>9.56</b>
North Dakota.....	24,649	6,547	.75	1.15	9.39	73.0	9.56
Wyoming.....	*	7,072	.64	.90	6.81	54.2	7.67
<b>Ohio</b> .....	<b>51,568</b>	<b>11,918</b>	<b>1.98</b>	<b>1.66</b>	<b>11.31</b>	<b>136.2</b>	<b>32.47</b>
Kentucky.....	9,061	11,886	.83	.70	12.56	121.4	28.85
Ohio.....	18,332	11,778	3.45	2.93	10.81	145.7	34.32
Pennsylvania.....	4,336	13,185	2.01	1.53	7.56	110.5	29.13
Virginia.....	400	13,612	.69	.51	5.80	133.1	36.23
West Virginia.....	17,541	12,068	1.24	1.03	12.91	142.7	34.45
Wyoming.....	1,897	8,785	.25	.28	5.09	116.2	20.41

See footnotes at end of table.

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

**Table 22. Destination and Origin of Coal by State, 1999 (Continued)**

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Oklahoma</b> .....	<b>20,999</b>	<b>8,619</b>	<b>0.31</b>	<b>0.36</b>	<b>5.18</b>	<b>91.2</b>	<b>15.73</b>
Oklahoma.....	112	12,993	3.91	3.01	9.18	101.7	26.43
Wyoming.....	20,888	8,596	.29	.33	5.16	91.2	15.67
<b>Oregon</b> .....	<b>2,326</b>	<b>8,961</b>	<b>.39</b>	<b>.44</b>	<b>6.41</b>	<b>107.9</b>	<b>19.34</b>
Colorado.....	14	11,057	.48	.43	11.20	75.0	16.59
Utah.....	287	11,870	.55	.46	11.93	102.6	24.36
Wyoming.....	2,025	8,535	.37	.43	5.60	109.2	18.65
<b>Pennsylvania</b> .....	<b>33,932</b>	<b>12,552</b>	<b>2.15</b>	<b>1.71</b>	<b>11.37</b>	<b>129.9</b>	<b>32.61</b>
Kentucky.....	41	12,784	1.11	.87	10.52	143.4	36.65
Ohio.....	42	12,070	3.32	2.75	12.32	173.2	41.80
Pennsylvania.....	24,942	12,580	1.96	1.56	11.55	125.5	31.58
Virginia.....	20	12,505	1.02	.82	13.05	143.5	35.90
West Virginia.....	8,887	12,474	2.68	2.15	10.89	142.0	35.42
<b>South Carolina</b> .....	<b>12,877</b>	<b>12,809</b>	<b>1.16</b>	<b>.90</b>	<b>8.78</b>	<b>141.6</b>	<b>36.29</b>
Kentucky.....	10,982	12,783	1.13	.89	8.80	140.2	35.85
Tennessee.....	467	12,862	1.36	1.06	7.66	155.9	40.10
Virginia.....	998	12,944	1.22	.94	9.30	149.9	38.81
West Virginia.....	430	13,104	1.31	1.00	8.34	143.0	37.49
<b>South Dakota</b> .....	<b>2,059</b>	<b>8,630</b>	<b>.60</b>	<b>.69</b>	<b>8.67</b>	<b>93.6</b>	<b>16.16</b>
Montana.....	1,499	8,715	.67	.77	9.39	92.8	16.17
Wyoming.....	560	8,401	.40	.48	6.77	96.0	16.13
<b>Tennessee 1</b> .....	<b>27,537</b>	<b>11,635</b>	<b>1.58</b>	<b>1.36</b>	<b>8.82</b>	<b>113.1</b>	<b>26.32</b>
Colorado.....	2,784	11,459	.48	.42	9.43	121.3	27.80
Illinois.....	2,643	12,351	1.95	1.58	7.86	104.6	25.83
Kentucky.....	12,817	11,982	2.21	1.85	9.69	113.3	27.15
Pennsylvania.....	898	13,215	2.33	1.76	7.76	107.7	28.45
Tennessee.....	1,088	12,389	1.24	1.00	10.74	119.0	29.49
Utah.....	1,207	12,343	.51	.42	8.05	124.0	30.62
Virginia.....	2,164	12,749	1.54	1.21	10.17	129.6	33.05
Wyoming.....	3,936	8,750	.32	.36	5.41	94.6	16.55
<b>Texas</b> .....	<b>101,084</b>	<b>7,506</b>	<b>.65</b>	<b>.87</b>	<b>10.90</b>	<b>120.0</b>	<b>18.01</b>
Colorado.....	1,310	10,603	.40	.38	6.12	143.9	30.52
Texas.....	49,750	6,347	.97	1.53	16.66	100.4	12.74
Wyoming.....	50,024	8,577	.34	.39	5.30	133.6	22.92
<b>Utah</b> .....	<b>14,193</b>	<b>11,620</b>	<b>.46</b>	<b>.40</b>	<b>9.93</b>	<b>103.1</b>	<b>23.96</b>
Colorado.....	1,248	10,219	.42	.41	10.89	162.0	33.12
Utah.....	12,945	11,755	.47	.40	9.84	98.1	23.08
<b>Virginia</b> .....	<b>12,932</b>	<b>12,702</b>	<b>1.30</b>	<b>1.03</b>	<b>9.62</b>	<b>134.3</b>	<b>34.11</b>
Kentucky.....	3,140	12,748	1.75	1.37	8.08	140.8	35.90
Maryland.....	146	10,280	3.61	3.52	27.06	87.5	18.00
Pennsylvania.....	268	13,162	2.51	1.91	6.09	138.5	36.47
Tennessee.....	7	12,500	1.52	1.22	9.60	140.8	35.20
Virginia.....	7,078	12,714	1.04	.82	10.30	129.7	32.97
West Virginia.....	2,292	12,699	1.22	.96	8.92	141.4	35.92
<b>Washington</b> .....	<b>5,486</b>	<b>8,224</b>	<b>.75</b>	<b>.91</b>	<b>12.08</b>	<b>156.0</b>	<b>25.65</b>
Montana.....	1,502	9,342	.34	.37	4.22	122.7	22.93
Washington.....	3,984	7,803	.90	1.16	15.05	171.0	26.68
<b>West Virginia</b> .....	<b>36,780</b>	<b>12,361</b>	<b>1.84</b>	<b>1.49</b>	<b>11.78</b>	<b>118.2</b>	<b>29.22</b>
Kentucky.....	105	11,860	1.06	.90	11.84	102.4	24.28
Maryland.....	2,642	12,322	1.80	1.46	15.44	107.9	26.60
Ohio.....	1,376	12,523	4.06	3.24	9.25	90.9	22.76
Pennsylvania.....	4,044	12,930	1.62	1.25	8.29	106.4	27.51
West Virginia.....	28,614	12,278	1.77	1.44	12.06	122.3	30.03
<b>Wisconsin</b> .....	<b>23,850</b>	<b>9,115</b>	<b>.39</b>	<b>.43</b>	<b>5.42</b>	<b>102.3</b>	<b>18.66</b>
Colorado.....	763	11,724	.50	.43	8.88	144.6	33.91
Illinois.....	714	12,015	1.05	.87	6.02	135.4	32.54
Indiana.....	157	10,817	1.29	1.20	9.27	144.4	31.25
Kentucky.....	58	13,314	1.07	.80	7.08	184.0	48.99

See footnotes at end of table.

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

**Table 22. Destination and Origin of Coal by State, 1999 (Continued)**

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Wisconsin (Continued)</b>							
Montana.....	642	9,333	0.34	0.37	4.18	119.8	22.36
New Mexico.....	228	12,059	.59	.49	13.86	160.3	38.66
Pennsylvania.....	992	13,115	1.59	1.21	6.78	141.0	36.99
West Virginia.....	12	13,073	3.07	2.35	7.10	141.4	36.97
Wyoming.....	20,283	8,651	.30	.34	5.11	93.4	16.16
<b>Wyoming .....</b>	<b>25,396</b>	<b>8,784</b>	<b>.51</b>	<b>.58</b>	<b>7.62</b>	<b>76.2</b>	<b>13.39</b>
Wyoming.....	25,396	8,784	.51	.58	7.62	76.2	13.39
<b>Total .....</b>	<b>908,232</b>	<b>10,163</b>	<b>1.01</b>	<b>.99</b>	<b>9.01</b>	<b>121.6</b>	<b>24.72</b>

<sup>1</sup> The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States. For more detailed information see footnotes 5, 6, and 7 at the end of Table 31.

\* = Number less than 0.5 rounded to zero.

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

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

**Table 23. Origin and Destination of Coal by State, 1999**

Origin Destination	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Alabama</b> .....	<b>13,214</b>	<b>12,145</b>	<b>1.04</b>	<b>0.86</b>	<b>12.65</b>	<b>177.5</b>	<b>43.11</b>
Alabama .....	12,947	12,146	1.03	.85	12.64	178.5	43.36
Florida .....	72	11,960	2.22	1.86	14.16	133.0	31.80
Georgia .....	194	12,145	1.55	1.28	12.70	127.1	30.87
<b>Arizona</b> .....	<b>12,622</b>	<b>10,955</b>	<b>.51</b>	<b>.47</b>	<b>9.57</b>	<b>121.6</b>	<b>26.65</b>
Arizona .....	8,129	10,941	.53	.48	9.44	116.7	25.54
Nevada .....	4,493	10,981	.49	.44	9.79	130.5	28.65
<b>Colorado</b> .....	<b>24,124</b>	<b>11,035</b>	<b>.46</b>	<b>.42</b>	<b>8.54</b>	<b>125.4</b>	<b>27.67</b>
Alabama .....	30	11,383	.40	.35	9.21	112.4	25.58
Arizona .....	525	10,982	.44	.40	7.98	177.3	38.94
Colorado .....	10,442	10,636	.45	.42	8.11	107.6	22.89
Illinois .....	1,066	11,638	.52	.45	9.61	127.7	29.72
Iowa .....	347	11,620	.50	.43	9.10	134.3	31.20
Kansas .....	587	10,916	.45	.41	7.87	135.7	29.63
Kentucky .....	3,088	11,800	.47	.40	8.34	132.1	31.18
Michigan .....	807	11,813	.51	.43	9.07	139.1	32.88
Minnesota .....	12	11,803	.49	.42	7.50	127.2	30.03
Mississippi .....	1,100	11,293	.51	.45	9.86	157.9	35.66
Oregon .....	14	11,057	.48	.43	11.20	75.0	16.59
Tennessee .....	2,784	11,459	.48	.42	9.43	121.3	27.80
Texas .....	1,310	10,603	.40	.38	6.12	143.9	30.52
Utah .....	1,248	10,219	.42	.41	10.89	162.0	33.12
Wisconsin .....	763	11,724	.50	.43	8.88	144.6	33.91
<b>Illinois</b> .....	<b>34,416</b>	<b>11,493</b>	<b>2.13</b>	<b>1.86</b>	<b>8.56</b>	<b>130.9</b>	<b>30.08</b>
Alabama .....	1,878	12,151	2.27	1.87	7.75	125.5	30.49
Florida .....	8,205	12,068	2.09	1.73	7.79	150.9	36.41
Georgia .....	1,124	12,117	1.08	.89	6.55	149.0	36.10
Illinois .....	11,652	10,710	2.38	2.22	9.69	125.6	26.90
Indiana .....	4,568	11,091	2.35	2.12	9.42	114.3	25.35
Iowa .....	379	11,952	1.82	1.52	8.63	120.3	28.75
Kentucky .....	236	11,787	2.51	2.13	10.22	101.0	23.81
Minnesota .....	23	12,030	1.11	.92	6.90	162.5	39.10
Mississippi .....	1,413	12,228	1.52	1.24	7.20	141.9	34.71
Missouri .....	1,579	11,723	1.89	1.61	7.39	138.9	32.56
Tennessee .....	2,643	12,351	1.95	1.58	7.86	104.6	25.83
Wisconsin .....	714	12,015	1.05	.87	6.02	135.4	32.54
<b>Indiana</b> .....	<b>31,132</b>	<b>11,112</b>	<b>2.33</b>	<b>2.10</b>	<b>9.16</b>	<b>106.7</b>	<b>23.72</b>
Illinois .....	440	11,060	1.99	1.80	8.73	142.8	31.59
Indiana .....	28,428	11,110	2.28	2.05	9.10	106.2	23.60
Kentucky .....	1,868	11,194	3.38	3.02	10.04	98.7	22.10
Michigan .....	156	11,068	2.32	2.09	10.22	132.1	29.24
Minnesota .....	83	10,791	.82	.76	9.40	157.3	33.94
Wisconsin .....	157	10,817	1.29	1.20	9.27	144.4	31.25
<b>Kansas</b> .....	<b>402</b>	<b>10,949</b>	<b>4.05</b>	<b>3.70</b>	<b>19.57</b>	<b>103.9</b>	<b>22.76</b>
Kansas .....	400	10,950	4.06	3.71	19.59	103.8	22.73
Missouri .....	2	10,900	3.50	3.21	17.50	123.6	26.94
<b>Kentucky</b> .....	<b>108,384</b>	<b>12,231</b>	<b>1.56</b>	<b>1.27</b>	<b>10.50</b>	<b>133.0</b>	<b>32.52</b>
Alabama .....	3,445	12,210	2.24	1.84	10.43	115.1	28.11
Delaware .....	31	12,648	.66	.52	7.65	174.6	44.17
Florida .....	11,336	12,632	1.37	1.09	8.49	166.1	41.97
Georgia .....	15,388	12,547	.97	.77	9.92	151.6	38.05
Illinois .....	102	12,031	2.24	1.86	11.04	125.2	30.11
Indiana .....	1,961	12,576	1.14	.90	9.28	119.7	30.10
Iowa .....	21	11,794	2.95	2.51	10.05	117.4	27.70
Kentucky .....	21,415	11,436	2.69	2.35	13.71	101.7	23.26
Maryland .....	334	13,004	.74	.57	7.35	140.6	36.57
Massachusetts .....	215	13,112	.74	.57	7.08	179.2	46.99
Michigan .....	4,140	12,753	.86	.68	8.78	145.2	37.04
Minnesota .....	*	13,500	1.00	.74	6.00	150.0	40.50
Mississippi .....	1,043	12,380	.89	.72	9.68	189.2	46.85
Missouri .....	43	13,250	1.31	.99	6.72	195.5	51.80
New Jersey .....	151	12,864	.80	.62	8.92	146.3	37.64
New York .....	354	12,953	.61	.47	8.06	180.6	46.78
North Carolina .....	12,198	12,428	.90	.73	10.04	142.8	35.49

See footnotes at end of table.

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

**Table 23. Origin and Destination of Coal by State, 1999 (Continued)**

Origin Destination	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Kentucky (Continued)</b>							
Ohio.....	9,061	11,886	0.83	0.70	12.56	121.4	28.85
Pennsylvania.....	41	12,784	1.11	.87	10.52	143.4	36.65
South Carolina.....	10,982	12,783	1.13	.89	8.80	140.2	35.85
Tennessee.....	12,817	11,982	2.21	1.85	9.69	113.3	27.15
Virginia.....	3,140	12,748	1.75	1.37	8.08	140.8	35.90
West Virginia.....	105	11,860	1.06	.90	11.84	102.4	24.28
Wisconsin.....	58	13,314	1.07	.80	7.08	184.0	48.99
<b>Louisiana.....</b>	<b>2,810</b>	<b>6,963</b>	<b>.92</b>	<b>1.32</b>	<b>12.49</b>	<b>133.7</b>	<b>18.62</b>
Louisiana.....	2,810	6,963	.92	1.32	12.49	133.7	18.62
<b>Maryland.....</b>	<b>3,139</b>	<b>12,308</b>	<b>1.85</b>	<b>1.50</b>	<b>15.37</b>	<b>110.4</b>	<b>27.19</b>
Delaware.....	123	13,019	1.46	1.12	10.11	145.5	37.87
Maryland.....	227	13,066	1.48	1.14	9.97	130.8	34.19
Virginia.....	146	10,280	3.61	3.52	27.06	87.5	18.00
West Virginia.....	2,642	12,322	1.80	1.46	15.44	107.9	26.60
<b>Missouri.....</b>	<b>196</b>	<b>10,996</b>	<b>3.52</b>	<b>3.20</b>	<b>15.63</b>	<b>122.6</b>	<b>26.96</b>
Missouri.....	196	10,996	3.52	3.20	15.63	122.6	26.96
<b>Montana.....</b>	<b>36,464</b>	<b>9,004</b>	<b>.53</b>	<b>.59</b>	<b>6.84</b>	<b>114.7</b>	<b>20.66</b>
Arizona.....	70	9,372	.33	.35	4.21	122.8	23.02
Illinois.....	1,659	9,589	.35	.36	3.96	161.8	31.03
Iowa.....	116	9,381	.34	.36	4.16	143.9	27.01
Kansas.....	1,319	9,370	.34	.37	4.04	90.2	16.90
Michigan.....	9,314	9,428	.35	.37	4.45	145.8	27.48
Minnesota.....	8,616	8,911	.60	.67	7.54	111.0	19.77
Mississippi.....	1,949	9,390	.36	.39	4.49	148.3	27.85
Montana.....	9,777	8,419	.76	.90	10.06	73.6	12.40
South Dakota.....	1,499	8,715	.67	.77	9.39	92.8	16.17
Washington.....	1,502	9,342	.34	.37	4.22	122.7	22.93
Wisconsin.....	642	9,333	.34	.37	4.18	119.8	22.36
<b>New Mexico.....</b>	<b>27,144</b>	<b>9,397</b>	<b>.70</b>	<b>.75</b>	<b>19.83</b>	<b>137.7</b>	<b>25.89</b>
Arizona.....	10,857	9,733	.57	.59	15.47	143.9	28.00
New Mexico.....	16,059	9,132	.80	.87	22.86	132.9	24.27
Wisconsin.....	228	12,059	.59	.49	13.86	160.3	38.66
<b>North Dakota.....</b>	<b>24,649</b>	<b>6,547</b>	<b>.75</b>	<b>1.15</b>	<b>9.39</b>	<b>73.0</b>	<b>9.56</b>
North Dakota.....	24,649	6,547	.75	1.15	9.39	73.0	9.56
<b>Ohio.....</b>	<b>20,464</b>	<b>11,818</b>	<b>3.50</b>	<b>2.96</b>	<b>10.74</b>	<b>140.7</b>	<b>33.27</b>
Indiana.....	389	10,825	4.10	3.78	13.37	108.3	23.44
Iowa.....	*	12,789	4.23	3.31	8.30	139.9	35.78
Kentucky.....	172	12,400	4.09	3.30	9.67	85.5	21.21
Michigan.....	131	12,054	3.12	2.58	10.86	155.3	37.44
New Hampshire.....	7	13,017	2.44	1.87	6.20	157.6	41.03
New Jersey.....	16	12,702	2.46	1.94	6.66	155.5	39.50
Ohio.....	18,332	11,778	3.45	2.93	10.81	145.7	34.32
Pennsylvania.....	42	12,070	3.32	2.75	12.32	173.2	41.80
West Virginia.....	1,376	12,523	4.06	3.24	9.25	90.9	22.76
<b>Oklahoma.....</b>	<b>193</b>	<b>12,694</b>	<b>3.67</b>	<b>2.89</b>	<b>10.23</b>	<b>109.5</b>	<b>27.81</b>
Kansas.....	66	12,321	3.34	2.71	11.21	118.8	29.27
Missouri.....	15	12,121	3.40	2.80	13.70	130.5	31.63
Oklahoma.....	112	12,993	3.91	3.01	9.18	101.7	26.43
<b>Pennsylvania.....</b>	<b>45,215</b>	<b>12,812</b>	<b>1.86</b>	<b>1.45</b>	<b>9.74</b>	<b>123.8</b>	<b>31.73</b>
Alabama.....	59	13,228	2.59	1.96	7.64	112.7	29.82
Delaware.....	324	13,238	1.35	1.02	6.61	143.5	37.98
Florida.....	93	12,954	1.84	1.42	6.94	138.5	35.87
Indiana.....	635	13,106	2.07	1.58	7.51	111.5	29.23
Iowa.....	22	12,057	1.30	1.08	12.51	160.8	38.79
Kentucky.....	402	13,067	1.74	1.33	6.99	116.5	30.44
Maryland.....	3,114	13,123	1.51	1.15	7.55	137.0	35.95
Massachusetts.....	73	13,273	1.32	.99	6.53	161.8	42.95
Michigan.....	2,575	13,168	1.47	1.12	6.69	121.8	32.07
New Hampshire.....	638	13,186	1.61	1.22	6.80	158.3	41.73

See footnotes at end of table.

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



**Table 23. Origin and Destination of Coal by State, 1999 (Continued)**

Origin Destination	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Pennsylvania (Continued)</b>							
New York.....	1,799	12,991	1.83	1.41	7.81	137.3	35.68
Ohio.....	4,336	13,185	2.01	1.53	7.56	110.5	29.13
Pennsylvania.....	24,942	12,580	1.96	1.56	11.55	125.5	31.58
Tennessee.....	898	13,215	2.33	1.76	7.76	107.7	28.45
Virginia.....	268	13,162	2.51	1.91	6.09	138.5	36.47
West Virginia.....	4,044	12,930	1.62	1.25	8.29	106.4	27.51
Wisconsin.....	992	13,115	1.59	1.21	6.78	141.0	36.99
<b>Tennessee.....</b>	<b>1,990</b>	<b>12,503</b>	<b>1.19</b>	<b>.95</b>	<b>10.83</b>	<b>131.8</b>	<b>32.96</b>
Alabama.....	429	12,400	.89	.72	14.50	136.9	33.96
South Carolina.....	467	12,862	1.36	1.06	7.66	155.9	40.10
Tennessee.....	1,088	12,389	1.24	1.00	10.74	119.0	29.49
Virginia.....	7	12,500	1.52	1.22	9.60	140.8	35.20
<b>Texas.....</b>	<b>49,750</b>	<b>6,347</b>	<b>.97</b>	<b>1.53</b>	<b>16.66</b>	<b>100.4</b>	<b>12.74</b>
Texas.....	49,750	6,347	.97	1.53	16.66	100.4	12.74
<b>Utah.....</b>	<b>18,469</b>	<b>11,765</b>	<b>.47</b>	<b>.40</b>	<b>9.53</b>	<b>106.6</b>	<b>25.07</b>
Illinois.....	338	11,560	.50	.43	9.35	138.4	31.99
Kansas.....	3	12,425	.45	.36	8.31	147.6	36.68
Missouri.....	104	12,132	.43	.36	8.01	117.4	28.49
Nebraska.....	3	11,378	.26	.23	7.40	127.4	28.99
Nevada.....	3,582	11,604	.44	.38	8.78	128.1	29.72
Oregon.....	287	11,870	.55	.46	11.93	102.6	24.36
Tennessee.....	1,207	12,343	.51	.42	8.05	124.0	30.62
Utah.....	12,945	11,755	.47	.40	9.84	98.1	23.08
<b>Virginia.....</b>	<b>19,739</b>	<b>12,875</b>	<b>1.00</b>	<b>.78</b>	<b>9.73</b>	<b>142.9</b>	<b>36.80</b>
Alabama.....	61	12,540	.82	.65	9.21	138.3	34.70
Delaware.....	213	13,412	.76	.57	7.28	173.9	46.64
Florida.....	876	12,467	.74	.59	9.53	201.1	50.14
Georgia.....	5,491	12,834	.87	.68	10.41	151.6	38.92
Indiana.....	997	13,864	.69	.50	5.61	157.1	43.57
Maryland.....	65	13,157	1.08	.82	9.40	153.2	40.32
New Jersey.....	716	13,761	.71	.51	5.95	140.6	38.70
North Carolina.....	659	12,739	.89	.69	10.75	143.8	36.63
Ohio.....	400	13,612	.69	.51	5.80	133.1	36.23
Pennsylvania.....	20	12,505	1.02	.82	13.05	143.5	35.90
South Carolina.....	998	12,944	1.22	.94	9.30	149.9	38.81
Tennessee.....	2,164	12,749	1.54	1.21	10.17	129.6	33.05
Virginia.....	7,078	12,714	1.04	.82	10.30	129.7	32.97
<b>Washington.....</b>	<b>3,984</b>	<b>7,803</b>	<b>.90</b>	<b>1.16</b>	<b>15.05</b>	<b>171.0</b>	<b>26.68</b>
Washington.....	3,984	7,803	.90	1.16	15.05	171.0	26.68
<b>West Virginia.....</b>	<b>103,634</b>	<b>12,375</b>	<b>1.47</b>	<b>1.19</b>	<b>11.41</b>	<b>135.5</b>	<b>33.55</b>
Alabama.....	457	12,063	2.66	2.20	11.33	112.7	27.18
Delaware.....	513	12,543	.71	.57	11.65	165.0	41.39
Florida.....	2,400	12,908	1.70	1.31	8.73	151.3	39.07
Georgia.....	3,843	12,074	.69	.57	13.01	179.9	43.45
Indiana.....	2,489	12,353	1.38	1.12	9.78	119.5	29.53
Iowa.....	22	12,054	1.30	1.08	12.52	160.9	38.79
Kentucky.....	7,486	12,189	1.71	1.40	11.86	108.2	26.38
Maryland.....	7,373	12,861	.96	.75	10.11	138.3	35.57
Massachusetts.....	106	13,177	.79	.60	7.96	169.7	44.73
Michigan.....	5,293	12,508	1.10	.88	10.49	142.6	35.68
New Hampshire.....	184	13,351	2.25	1.69	6.71	152.0	40.58
New Jersey.....	1,710	12,924	1.33	1.03	9.76	147.2	38.04
New York.....	1,268	13,188	2.25	1.71	7.49	138.3	36.49
North Carolina.....	12,718	12,457	.79	.63	10.71	144.7	36.05
Ohio.....	17,541	12,068	1.24	1.03	12.91	142.7	34.45
Pennsylvania.....	8,887	12,474	2.68	2.15	10.89	142.0	35.42
South Carolina.....	430	13,104	1.31	1.00	8.34	143.0	37.49
Virginia.....	2,292	12,699	1.22	.96	8.92	141.4	35.92
West Virginia.....	28,614	12,278	1.77	1.44	12.06	122.3	30.03
Wisconsin.....	12	13,073	3.07	2.35	7.10	141.4	36.97

See footnotes at end of table.

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

**Table 23. Origin and Destination of Coal by State, 1999 (Continued)**

Origin Destination	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
<b>Wyoming</b> .....	<b>321,127</b>	<b>8,658</b>	<b>0.33</b>	<b>0.38</b>	<b>5.33</b>	<b>107.3</b>	<b>18.59</b>
Alabama .....	10,332	8,679	.34	.39	5.07	116.6	20.24
Arizona .....	132	8,800	.28	.31	5.04	119.5	21.03
Arkansas .....	15,406	8,651	.27	.31	4.75	145.6	25.19
Colorado .....	7,947	8,582	.30	.35	4.77	83.6	14.35
Florida .....	430	8,802	.20	.22	4.47	126.4	22.25
Georgia .....	6,821	8,724	.34	.39	5.38	151.5	26.44
Illinois .....	20,983	8,739	.33	.38	5.11	155.8	27.22
Indiana .....	17,466	8,952	.30	.33	4.97	112.6	20.17
Iowa .....	20,566	8,453	.37	.44	5.41	79.2	13.40
Kansas .....	17,178	8,424	.34	.40	5.01	93.7	15.78
Kentucky .....	768	8,783	.28	.32	5.03	104.3	18.31
Louisiana .....	11,044	8,451	.50	.59	6.11	141.1	23.85
Michigan .....	10,864	8,785	.27	.31	5.06	102.1	17.94
Minnesota .....	7,825	8,819	.25	.28	4.84	107.2	18.90
Mississippi .....	201	8,685	.42	.48	5.46	136.0	23.63
Missouri .....	35,546	8,798	.25	.28	4.87	89.3	15.71
Montana .....	640	8,675	.21	.24	4.46	58.8	10.21
Nebraska .....	11,968	8,498	.30	.35	5.06	55.4	9.42
North Dakota .....	*	7,072	.64	.90	6.81	54.2	7.67
Ohio .....	1,897	8,785	.25	.28	5.09	116.2	20.41
Oklahoma .....	20,888	8,596	.29	.33	5.16	91.2	15.67
Oregon .....	2,025	8,535	.37	.43	5.60	109.2	18.65
South Dakota .....	560	8,401	.40	.48	6.77	96.0	16.13
Tennessee .....	3,936	8,750	.32	.36	5.41	94.6	16.55
Texas .....	50,024	8,577	.34	.39	5.30	133.6	22.92
Wisconsin .....	20,283	8,651	.30	.34	5.11	93.4	16.16
Wyoming .....	25,396	8,784	.51	.58	7.62	76.2	13.39
<b>Imported</b> .....	<b>4,969</b>	<b>11,906</b>	<b>.57</b>	<b>.48</b>	<b>5.57</b>	<b>148.6</b>	<b>35.39</b>
Alabama .....	553	11,641	.54	.47	3.90	161.5	37.60
Connecticut .....	35	13,541	.61	.45	4.85	169.3	45.85
Florida .....	2,064	11,319	.52	.46	5.88	145.7	32.99
Georgia .....	434	12,535	.75	.60	7.24	139.2	34.91
Maryland .....	29	12,003	.68	.57	6.00	131.5	31.57
Mississippi .....	717	11,706	.43	.37	4.24	145.6	34.09
New Hampshire .....	507	12,990	.67	.52	5.53	142.6	37.05
New Jersey .....	5	12,842	.78	.61	6.21	193.0	49.57
New York .....	626	12,890	.65	.50	6.43	160.2	41.30
<b>Total</b> .....	<b>908,232</b>	<b>10,163</b>	<b>1.01</b>	<b>.99</b>	<b>9.01</b>	<b>121.6</b>	<b>24.72</b>

\* = Number less than 0.5 rounded to zero.

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

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Alabama Electric Coop Inc Lowman</b> .....	<b>1,553</b>	<b>11,821</b>	<b>1.22</b>	<b>1.03</b>	<b>8.72</b>	<b>139.9</b>	<b>33.07</b>
Alabama.....	702	11,868	1.62	1.37	12.55	137.0	32.52
Fayette.....	630	11,883	1.68	1.41	12.46	136.4	32.42
Jefferson.....	72	11,737	1.13	.96	13.35	142.1	33.35
Illinois.....	545	11,926	1.07	.90	6.05	143.4	34.21
Gallatin.....	20	12,376	2.73	2.21	9.21	129.8	32.13
Jefferson.....	526	11,909	1.01	.85	5.93	143.9	34.28
Kentucky.....	14	11,768	1.00	.85	10.98	146.3	34.42
Martin.....	14	11,768	1.00	.85	10.98	146.3	34.42
Imported.....	291	11,513	.54	.47	4.39	139.8	32.19
Imported Coal.....	291	11,513	.54	.47	4.39	139.8	32.19
<b>Alabama Power Co Barry<sup>1</sup></b> .....	<b>4,095</b>	<b>12,190</b>	<b>.71</b>	<b>.58</b>	<b>12.09</b>	<b>206.7</b>	<b>50.39</b>
Alabama.....	3,774	12,220	.72	.59	12.79	207.5	50.71
Jefferson.....	3,774	12,220	.72	.59	12.79	207.5	50.71
Illinois.....	60	12,073	.91	.75	6.04	245.9	59.38
Jefferson.....	60	12,073	.91	.75	6.04	245.9	59.38
Imported.....	262	11,783	.55	.46	3.36	185.1	43.62
Imported Coal.....	262	11,783	.55	.46	3.36	185.1	43.62
<b>Alabama Power Co Gadsden</b> .....	<b>240</b>	<b>12,416</b>	<b>1.85</b>	<b>1.49</b>	<b>13.37</b>	<b>153.6</b>	<b>38.14</b>
Alabama.....	240	12,416	1.85	1.49	13.37	153.6	38.14
Jefferson.....	240	12,416	1.85	1.49	13.37	153.6	38.14
<b>Alabama Power Co Gaston</b> .....	<b>4,487</b>	<b>12,223</b>	<b>.95</b>	<b>.78</b>	<b>11.93</b>	<b>180.8</b>	<b>44.20</b>
Alabama.....	4,451	12,223	.95	.78	11.93	181.0	44.25
Bibb.....	30	11,971	1.35	1.13	14.79	115.7	27.70
Fayette.....	279	12,116	1.81	1.50	12.66	140.1	33.94
Jefferson.....	566	10,578	.57	.54	10.74	177.5	37.55
Tuscaloosa.....	3,450	12,497	.92	.74	12.02	186.5	46.62
Walker.....	126	12,403	1.54	1.24	12.43	146.2	36.28
Kentucky.....	36	12,237	.98	.80	11.39	156.4	38.27
Knott.....	10	12,403	1.10	.89	12.40	175.7	43.58
Letcher.....	27	12,177	.93	.77	11.03	149.2	36.33
<b>Alabama Power Co Gorgas<sup>1</sup></b> .....	<b>3,273</b>	<b>11,968</b>	<b>1.37</b>	<b>1.15</b>	<b>13.51</b>	<b>147.4</b>	<b>35.29</b>
Alabama.....	3,256	11,965	1.37	1.14	13.53	147.6	35.32
Fayette.....	500	12,134	1.80	1.48	12.62	142.7	34.63
Jefferson.....	1,721	11,889	1.13	.95	13.96	159.1	37.83
Tuscaloosa.....	156	12,393	.89	.72	12.10	115.1	28.54
Walker.....	879	11,941	1.67	1.39	13.47	133.9	31.98
Kentucky.....	17	12,562	2.31	1.84	8.84	119.3	29.97
Union.....	17	12,562	2.31	1.84	8.84	119.3	29.97
<b>Alabama Power Co Greene</b> .....	<b>1,446</b>	<b>12,446</b>	<b>2.05</b>	<b>1.65</b>	<b>9.65</b>	<b>120.9</b>	<b>30.09</b>
Illinois.....	52	11,956	.93	.78	6.63	121.3	29.00
Saline.....	52	11,956	.93	.78	6.63	121.3	29.00
Kentucky.....	1,381	12,467	2.10	1.69	9.73	120.7	30.09
Union.....	1,381	12,467	2.10	1.69	9.73	120.7	30.09
West Virginia.....	14	12,256	1.35	1.10	12.58	139.4	34.17
Clay.....	14	12,256	1.35	1.10	12.58	139.4	34.17
<b>Alabama Power Co James Miller</b> .....	<b>10,856</b>	<b>8,857</b>	<b>.35</b>	<b>.40</b>	<b>5.40</b>	<b>122.3</b>	<b>21.66</b>
Alabama.....	525	12,350	.62	.50	11.91	200.9	49.63
Jefferson.....	499	12,342	.62	.50	11.96	199.2	49.18
Tuscaloosa.....	25	12,493	.65	.52	10.86	233.8	58.42
Wyoming.....	10,332	8,679	.34	.39	5.07	116.6	20.24
Campbell.....	10,332	8,679	.34	.39	5.07	116.6	20.24
<b>American Mun Power Ohio Inc Richard Gorsuch</b> .....	<b>832</b>	<b>11,583</b>	<b>4.70</b>	<b>4.05</b>	<b>15.05</b>	<b>89.6</b>	<b>20.75</b>
Ohio.....	832	11,583	4.70	4.05	15.05	89.6	20.75
Noble.....	832	11,583	4.70	4.05	15.05	89.6	20.75
<b>Ames City of Ames</b> .....	<b>238</b>	<b>8,884</b>	<b>.18</b>	<b>.21</b>	<b>4.34</b>	<b>140.9</b>	<b>25.03</b>
Wyoming.....	238	8,884	.18	.21	4.34	140.9	25.03
Campbell.....	238	8,884	.18	.21	4.34	140.9	25.03
<b>Appalachian Power Co Amos</b> .....	<b>6,685</b>	<b>12,184</b>	<b>.77</b>	<b>.63</b>	<b>11.82</b>	<b>131.2</b>	<b>31.97</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Appalachian Power Co Amos</b>							
West Virginia.....	6,685	12,184	0.77	0.63	11.82	131.2	31.97
Boone.....	5,038	12,206	.77	.63	11.42	133.6	32.61
Clay.....	117	12,389	.70	.57	11.88	154.4	38.27
Fayette.....	44	12,138	.76	.62	12.64	139.4	33.84
Kanawha.....	1,215	12,087	.77	.64	13.25	121.5	29.38
Logan.....	249	12,075	.71	.59	12.73	118.8	28.70
Nicholas.....	23	12,548	.66	.53	11.60	112.7	28.28
<b>Appalachian Power Co Clinch River</b>	<b>1,665</b>	<b>12,444</b>	<b>.71</b>	<b>.57</b>	<b>14.16</b>	<b>130.3</b>	<b>32.42</b>
Virginia.....	1,665	12,444	.71	.57	14.16	130.3	32.42
Dickenson.....	96	13,392	.81	.61	8.20	114.3	30.60
Russell.....	1,485	12,360	.70	.57	14.81	131.7	32.57
Wise.....	84	12,839	.86	.67	9.34	124.1	31.86
<b>Appalachian Power Co Glen Lyn</b>	<b>778</b>	<b>12,857</b>	<b>.88</b>	<b>.69</b>	<b>9.78</b>	<b>134.9</b>	<b>34.69</b>
Virginia.....	778	12,857	.88	.69	9.78	134.9	34.69
Buchanan.....	167	12,606	.85	.68	10.71	135.2	34.09
Wise.....	611	12,925	.89	.69	9.52	134.8	34.86
<b>Appalachian Power Co Kanawha River</b>	<b>906</b>	<b>12,153</b>	<b>.80</b>	<b>.66</b>	<b>12.64</b>	<b>130.7</b>	<b>31.76</b>
West Virginia.....	906	12,153	.80	.66	12.64	130.7	31.76
Boone.....	3	12,160	.93	.77	12.26	99.3	24.14
Clay.....	257	12,478	.78	.63	11.54	164.5	41.06
Fayette.....	233	12,069	.80	.66	12.93	120.7	29.13
Kanawha.....	413	11,999	.81	.67	13.17	114.7	27.52
<b>Appalachian Power Co Mountaineer</b>	<b>3,614</b>	<b>12,218</b>	<b>.67</b>	<b>.55</b>	<b>11.90</b>	<b>135.6</b>	<b>33.13</b>
West Virginia.....	3,614	12,218	.67	.55	11.90	135.6	33.13
Boone.....	1,092	12,284	.68	.56	12.27	133.1	32.70
Clay.....	636	12,430	.68	.54	11.85	147.9	36.77
Fayette.....	43	12,332	.70	.57	12.05	163.3	40.29
Kanawha.....	605	12,233	.68	.55	12.80	120.0	29.36
Mingo.....	9	12,096	.66	.55	11.30	110.1	26.64
Nicholas.....	336	12,423	.67	.54	12.04	139.5	34.65
Wayne.....	892	11,896	.66	.55	10.83	137.8	32.79
Wyoming.....	1	11,226	.67	.60	12.30	119.6	26.85
<b>Arizona Electric Pwr Coop Inc Apache</b>	<b>1,435</b>	<b>9,929</b>	<b>.46</b>	<b>.47</b>	<b>14.89</b>	<b>116.2</b>	<b>23.06</b>
Colorado.....	18	11,308	.46	.41	9.78	163.0	36.86
Routt.....	18	11,308	.46	.41	9.78	163.0	36.86
New Mexico.....	1,407	9,921	.46	.47	15.03	115.3	22.87
Mckinley.....	1,407	9,921	.46	.47	15.03	115.3	22.87
Wyoming.....	11	8,763	.56	.64	5.84	148.7	26.06
Campbell.....	11	8,763	.56	.64	5.84	148.7	26.06
<b>Arizona Public Service Co Cholla</b>	<b>3,791</b>	<b>9,942</b>	<b>.46</b>	<b>.46</b>	<b>14.09</b>	<b>140.9</b>	<b>28.01</b>
Colorado.....	237	10,577	.39	.37	5.96	145.0	30.68
La Plata.....	14	12,693	.89	.70	8.15	138.1	35.06
Moffat.....	223	10,444	.36	.34	5.82	145.6	30.41
Montana.....	70	9,372	.33	.35	4.21	122.8	23.02
Big Horn.....	70	9,372	.33	.35	4.21	122.8	23.02
New Mexico.....	3,425	9,930	.47	.47	15.00	141.4	28.08
Colfax.....	206	11,754	.59	.50	16.48	165.3	38.87
Mckinley.....	3,219	9,813	.46	.47	14.90	139.5	27.39
Wyoming.....	59	8,747	.32	.37	5.58	111.4	19.48
Campbell.....	59	8,747	.32	.37	5.58	111.4	19.48
<b>Arizona Public Service Co Four Corners</b>	<b>8,510</b>	<b>8,985</b>	<b>.76</b>	<b>.85</b>	<b>21.17</b>	<b>100.1</b>	<b>17.99</b>
New Mexico.....	8,510	8,985	.76	.85	21.17	100.1	17.99
San Juan.....	8,510	8,985	.76	.85	21.17	100.1	17.99
<b>Arkansas Power &amp; Light Co Independence</b>	<b>6,797</b>	<b>8,837</b>	<b>.21</b>	<b>.23</b>	<b>4.49</b>	<b>134.3</b>	<b>23.74</b>
Wyoming.....	6,797	8,837	.21	.23	4.49	134.3	23.74
Campbell.....	6,797	8,837	.21	.23	4.49	134.3	23.74
<b>Arkansas Power &amp; Light Co Whitebluff</b>	<b>6,281</b>	<b>8,478</b>	<b>.34</b>	<b>.40</b>	<b>5.12</b>	<b>159.9</b>	<b>27.11</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Arkansas Power &amp; Light Co Whitebluff</b>							
Wyoming .....	6,281	8,478	0.34	0.40	5.12	159.9	27.11
Campbell.....	6,281	8,478	.34	.40	5.12	159.9	27.11
<b>Associated Electric Coop Inc Hill.....</b>	<b>4,789</b>	<b>8,887</b>	<b>.19</b>	<b>.21</b>	<b>4.38</b>	<b>72.3</b>	<b>12.85</b>
Wyoming .....	4,789	8,887	.19	.21	4.38	72.3	12.85
Campbell.....	4,789	8,887	.19	.21	4.38	72.3	12.85
<b>Associated Electric Coop Inc Madrid.....</b>	<b>4,352</b>	<b>8,887</b>	<b>.19</b>	<b>.21</b>	<b>4.36</b>	<b>95.1</b>	<b>16.91</b>
Kentucky.....	3	11,214	2.43	2.17	8.01	130.0	29.16
Henderson.....	3	11,214	2.43	2.17	8.01	130.0	29.16
Wyoming .....	4,349	8,885	.18	.21	4.36	95.1	16.90
Campbell.....	4,349	8,885	.18	.21	4.36	95.1	16.90
<b>Atlantic City Electric Co Deepwater.....</b>	<b>114</b>	<b>12,885</b>	<b>.87</b>	<b>.68</b>	<b>10.32</b>	<b>156.0</b>	<b>40.20</b>
West Virginia.....	114	12,885	.87	.68	10.32	156.0	40.20
Webster.....	114	12,885	.87	.68	10.32	156.0	40.20
<b>Atlantic City Electric Co England.....</b>	<b>565</b>	<b>12,884</b>	<b>2.38</b>	<b>1.84</b>	<b>9.53</b>	<b>157.4</b>	<b>40.56</b>
Ohio .....	16	12,702	2.46	1.94	6.66	155.5	39.50
Columbiana.....	16	12,702	2.46	1.94	6.66	155.5	39.50
West Virginia.....	550	12,889	2.37	1.84	9.61	157.5	40.59
Monongalia.....	176	13,400	2.32	1.73	6.67	142.2	38.12
Upshur.....	373	12,648	2.40	1.89	10.99	165.1	41.76
<b>Baltimore Gas &amp; Electric Co Crane.....</b>	<b>813</b>	<b>13,213</b>	<b>1.66</b>	<b>1.26</b>	<b>7.30</b>	<b>138.2</b>	<b>36.51</b>
Pennsylvania.....	295	13,076	1.75	1.34	6.88	135.6	35.46
Greene.....	295	13,076	1.75	1.34	6.88	135.6	35.46
West Virginia.....	518	13,291	1.61	1.21	7.54	139.6	37.11
Marion.....	135	13,267	2.11	1.59	7.29	136.2	36.15
Monongalia.....	127	13,305	2.06	1.55	7.61	135.8	36.14
Upshur.....	256	13,298	1.12	.84	7.64	143.2	38.09
<b>Baltimore Gas &amp; Electric Co Brandon Shores.....</b>	<b>3,770</b>	<b>12,571</b>	<b>.71</b>	<b>.56</b>	<b>11.34</b>	<b>139.2</b>	<b>34.99</b>
Kentucky.....	319	13,010	.73	.56	7.33	140.3	36.51
Letcher.....	212	12,992	.73	.56	7.34	138.5	35.99
Pike.....	107	13,046	.72	.56	7.30	143.9	37.55
West Virginia.....	3,422	12,535	.71	.56	11.76	139.1	34.87
Boone.....	468	12,986	.74	.57	8.61	142.0	36.87
Kanawha.....	1,694	12,412	.71	.58	12.66	138.1	34.28
Logan.....	735	12,399	.69	.56	12.17	138.0	34.22
Nicholas.....	454	12,629	.68	.54	11.53	141.3	35.70
Raleigh.....	35	13,488	.64	.47	6.29	139.9	37.73
Webster.....	36	13,116	.69	.53	9.64	141.5	37.12
Imported.....	29	12,003	.68	.57	6.00	131.5	31.57
Imported Coal.....	29	12,003	.68	.57	6.00	131.5	31.57
<b>Baltimore Gas &amp; Electric Co Wagner.....</b>	<b>961</b>	<b>12,913</b>	<b>.89</b>	<b>.69</b>	<b>9.34</b>	<b>141.4</b>	<b>36.53</b>
Kentucky.....	15	12,886	.94	.73	7.90	146.3	37.70
Pike.....	15	12,886	.94	.73	7.90	146.3	37.70
West Virginia.....	946	12,914	.89	.69	9.36	141.4	36.51
Mingo.....	7	12,803	.96	.75	9.80	191.1	48.93
Raleigh.....	4	10,814	.88	.81	13.00	101.7	22.00
Webster.....	921	12,911	.89	.69	9.40	141.2	36.46
Unknown <sup>2</sup> .....	14	13,730	.78	.57	5.80	136.4	37.46
<b>Basin Electric Power Coop Laramie River.....</b>	<b>7,406</b>	<b>8,361</b>	<b>.41</b>	<b>.49</b>	<b>5.45</b>	<b>44.3</b>	<b>7.41</b>
Wyoming .....	7,406	8,361	.41	.49	5.45	44.3	7.41
Campbell.....	7,406	8,361	.41	.49	5.45	44.3	7.41
<b>Basin Electric Power Coop Antelope Valley.....</b>	<b>5,430</b>	<b>6,595</b>	<b>.68</b>	<b>1.03</b>	<b>8.74</b>	<b>68.9</b>	<b>9.09</b>
North Dakota.....	5,430	6,595	.68	1.03	8.74	68.9	9.09
Mercer.....	5,430	6,595	.68	1.03	8.74	68.9	9.09
<b>Basin Electric Power Coop Leland Olds.....</b>	<b>3,598</b>	<b>6,663</b>	<b>.70</b>	<b>1.05</b>	<b>7.78</b>	<b>76.5</b>	<b>10.20</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Basin Electric Power Coop Leland Olds</b>							
North Dakota .....	3,598	6,663	0.70	1.05	7.78	76.5	10.20
Mercer .....	3,247	6,655	.69	1.04	7.82	76.5	10.18
<b>Big Rivers Electric Corp Reid-Henderson II.....</b>							
Kentucky .....	263	11,422	2.58	2.26	8.77	103.5	23.65
Daviess.....	263	11,422	2.58	2.26	8.77	103.5	23.65
<b>Black Hills Corp Neal Simpson II.....</b>							
Wyoming.....	496	8,078	.57	.70	7.04	42.7	6.90
Campbell.....	496	8,078	.57	.70	7.04	42.7	6.90
<b>Cajun Electric Power Coop Inc Big Cajun No.2 .....</b>							
Wyoming.....	6,648	8,338	.46	.55	5.78	146.2	24.39
Campbell.....	5,227	8,341	.46	.55	5.75	144.7	24.14
Converse .....	1,421	8,327	.46	.55	5.86	151.7	25.27
<b>Cardinal Operating Co Cardinal.....</b>							
Kentucky .....	3,660	12,273	1.52	1.23	12.01	225.0	55.24
Breathitt .....	568	12,425	.70	.57	10.71	135.8	33.73
Floyd .....	97	12,047	.83	.69	11.36	117.1	28.21
Knott .....	2	12,198	.65	.54	11.62	138.7	33.83
Magoffin .....	223	12,530	.67	.54	10.50	140.6	35.23
Pike .....	223	12,530	.67	.54	10.50	140.6	35.23
Ohio.....	23	11,995	.78	.65	11.97	117.0	28.07
Belmont.....	281	11,725	2.90	2.47	12.46	110.2	25.83
Pennsylvania .....	281	11,725	2.90	2.47	12.46	110.2	25.83
Greene.....	79	13,148	2.38	1.81	7.66	99.7	26.22
West Virginia.....	79	13,148	2.38	1.81	7.66	99.7	26.22
Boone.....	2,732	12,273	1.52	1.24	12.36	259.0	63.56
Brooke.....	200	12,729	.81	.64	9.76	128.3	32.65
Fayette.....	669	12,289	3.84	3.12	10.66	598.7	147.16
Kanawha.....	63	12,049	.86	.72	12.87	123.3	29.72
Logan.....	917	12,193	.71	.58	13.70	168.7	41.13
Marshall.....	502	12,168	.67	.55	12.76	142.2	34.60
Nicholas.....	2	12,301	3.46	2.81	9.80	82.0	20.17
Webster.....	57	11,955	.90	.75	13.71	117.5	28.10
Webster.....	322	12,447	.99	.80	12.74	125.7	31.28
<b>Carolina Power &amp; Light Co Asheville.....</b>							
Kentucky .....	951	12,752	1.01	.80	10.47	142.1	36.24
Bell.....	644	12,638	1.03	.81	10.94	140.8	35.60
Pike.....	222	12,381	1.15	.93	11.15	128.6	31.84
Virginia.....	422	12,774	.96	.76	10.83	147.1	37.57
Wise.....	111	12,697	1.15	.90	11.71	124.4	31.59
West Virginia.....	111	12,697	1.15	.90	11.71	124.4	31.59
Boone.....	196	13,156	.90	.68	8.26	155.8	41.00
Boone.....	196	13,156	.90	.68	8.26	155.8	41.00
<b>Carolina Power &amp; Light Co Cape Fear .....</b>							
Kentucky .....	658	12,331	1.03	.83	10.15	146.6	36.16
Johnson.....	304	12,212	1.16	.95	11.13	148.3	36.21
Martin.....	218	12,054	1.23	1.02	11.47	145.2	35.01
Pike.....	19	12,383	1.03	.84	9.88	150.3	37.23
West Virginia.....	67	12,680	.99	.78	10.40	157.1	39.85
Mingo.....	354	12,433	.91	.73	9.31	145.3	36.12
Wayne.....	174	12,621	.96	.76	8.92	142.6	35.99
Wayne.....	181	12,253	.87	.71	9.68	147.9	36.24
<b>Carolina Power &amp; Light Co Lee.....</b>							
Kentucky .....	662	12,450	.97	.78	9.57	152.7	38.03
Floyd.....	218	12,325	1.05	.85	10.36	152.3	37.55
Martin.....	15	12,620	1.04	.83	9.00	161.2	40.68
Pike.....	155	12,231	1.08	.88	10.30	151.8	37.13
Virginia.....	47	12,538	.97	.77	11.00	151.2	37.92
Wise.....	10	12,725	1.24	.97	11.60	156.6	39.85
West Virginia.....	10	12,725	1.24	.97	11.60	156.6	39.85
Boone.....	434	12,507	.92	.74	9.12	152.8	38.23
Mingo.....	51	13,019	.85	.66	8.51	153.7	40.02
Wayne.....	152	12,738	1.01	.79	8.22	150.6	38.36
Wayne.....	230	12,239	.88	.72	9.86	154.2	37.74

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Carolina Power &amp; Light Co Mayo</b> .....	<b>1,533</b>	<b>12,573</b>	<b>0.65</b>	<b>0.52</b>	<b>9.14</b>	<b>149.0</b>	<b>37.46</b>
Kentucky .....	901	12,780	.65	.51	7.94	148.9	38.06
Martin .....	890	12,781	.65	.51	7.93	148.9	38.06
Pike .....	11	12,634	.71	.56	8.80	150.1	37.93
West Virginia.....	632	12,279	.66	.53	10.86	149.0	36.60
Logan .....	11	13,061	.65	.50	9.20	146.4	38.24
Mingo.....	621	12,266	.66	.54	10.88	149.1	36.57
<b>Carolina Power &amp; Light Co Robinson</b> .....	<b>364</b>	<b>13,096</b>	<b>1.46</b>	<b>1.12</b>	<b>8.08</b>	<b>144.3</b>	<b>37.78</b>
Kentucky .....	81	12,717	1.21	.95	9.09	152.0	38.67
Floyd .....	9	12,375	1.05	.85	9.80	162.5	40.22
Knott .....	63	12,743	1.27	.99	9.05	149.9	38.21
Pike .....	9	12,866	.99	.77	8.70	156.5	40.27
West Virginia.....	282	13,206	1.54	1.16	7.79	142.1	37.53
Boone .....	152	13,195	.92	.70	7.88	153.8	40.58
Monongalia.....	121	13,222	2.29	1.73	7.71	128.8	34.05
Webster.....	9	13,172	1.69	1.28	7.50	125.8	33.14
<b>Carolina Power &amp; Light Co Roxboro</b> .....	<b>5,967</b>	<b>12,440</b>	<b>.89</b>	<b>.71</b>	<b>10.60</b>	<b>146.9</b>	<b>36.56</b>
Kentucky .....	1,723	12,301	1.05	.85	10.82	141.2	34.74
Johnson .....	727	11,908	1.26	1.06	12.33	133.7	31.85
Martin .....	440	12,601	.83	.66	8.89	146.7	36.97
Pike .....	556	12,577	.95	.75	10.39	146.1	36.74
Virginia .....	34	12,743	.95	.75	11.42	145.9	37.18
Wise .....	34	12,743	.95	.75	11.42	145.9	37.18
West Virginia.....	4,210	12,495	.82	.66	10.50	149.2	37.30
Boone .....	1,314	12,957	.89	.68	9.14	162.4	42.08
Logan .....	92	12,852	.70	.54	9.64	140.0	35.97
Mingo.....	2,035	12,248	.74	.60	11.45	144.5	35.39
Nicholas .....	131	12,288	1.14	.93	13.46	121.5	29.86
Wayne.....	639	12,323	.89	.72	9.76	143.1	35.26
<b>Carolina Power &amp; Light Co Sutton</b> .....	<b>1,126</b>	<b>12,806</b>	<b>.94</b>	<b>.74</b>	<b>9.62</b>	<b>152.4</b>	<b>39.03</b>
Kentucky .....	342	12,662	1.03	.82	9.11	147.4	37.33
Floyd .....	53	12,730	1.08	.85	8.10	145.7	37.09
Harlan .....	31	12,881	.91	.71	8.17	155.2	39.99
Knott .....	202	12,666	1.03	.81	9.12	147.2	37.30
Letcher .....	15	12,484	1.14	.91	11.00	142.2	35.51
Perry.....	*	10,595	1.07	1.01	15.70	170.0	36.02
Pike .....	40	12,459	1.03	.82	10.39	146.3	36.45
West Virginia.....	784	12,869	.90	.70	9.84	154.5	39.76
Boone .....	670	13,114	.87	.66	8.15	159.6	41.85
Nicholas .....	37	12,325	1.05	.85	12.79	132.8	32.72
Raleigh.....	77	10,999	1.13	1.02	23.16	113.7	25.02
<b>Carolina Power &amp; Light Co Weatherspoon</b> .....	<b>284</b>	<b>12,817</b>	<b>.99</b>	<b>.77</b>	<b>8.52</b>	<b>162.4</b>	<b>41.62</b>
Kentucky .....	167	12,583	1.08	.86	9.23	155.9	39.23
Floyd.....	15	12,684	1.16	.91	7.50	154.6	39.22
Knott .....	122	12,562	1.06	.84	9.49	156.3	39.28
Pike .....	30	12,618	1.14	.90	9.05	154.7	39.05
West Virginia.....	117	13,151	.85	.65	7.52	171.2	45.03
Boone .....	117	13,151	.85	.65	7.52	171.2	45.03
<b>Cedar Falls City of Streeter</b> .....	<b>44</b>	<b>12,057</b>	<b>1.31</b>	<b>1.09</b>	<b>12.51</b>	<b>160.8</b>	<b>38.78</b>
Ohio.....	*	12,789	4.23	3.31	8.30	139.9	35.78
Belmont.....	*	12,789	4.23	3.31	8.30	139.9	35.78
Pennsylvania .....	22	12,057	1.30	1.08	12.51	160.8	38.79
Greene.....	*	13,195	1.32	1.00	8.90	139.9	36.92
Washington.....	22	12,054	1.30	1.08	12.52	160.9	38.79
West Virginia.....	22	12,054	1.30	1.08	12.52	160.9	38.79
Kanawha.....	22	12,054	1.30	1.08	12.52	160.9	38.79
<b>Central Electric Pwr Coop-MO Chamois</b> .....	<b>135</b>	<b>11,014</b>	<b>2.73</b>	<b>2.48</b>	<b>9.06</b>	<b>127.7</b>	<b>28.14</b>
Illinois .....	135	11,014	2.73	2.48	9.06	127.7	28.14
Jackson.....	10	11,336	2.21	1.95	9.11	127.0	28.79
McDonough .....	21	10,687	3.12	2.92	8.02	131.2	28.05
Randolph.....	104	11,050	2.70	2.44	9.26	127.1	28.10

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Central Hudson Gas &amp; Elec Corp Danskammer</b> .....	<b>857</b>	<b>12,935</b>	<b>0.65</b>	<b>0.51</b>	<b>6.92</b>	<b>161.9</b>	<b>41.89</b>
Kentucky.....	115	12,984	.66	.51	8.18	168.9	43.87
Martin.....	115	12,984	.66	.51	8.18	168.9	43.87
West Virginia.....	116	13,131	.68	.52	8.27	164.3	43.14
Mingo.....	116	13,131	.68	.52	8.27	164.3	43.14
Imported.....	626	12,890	.65	.50	6.43	160.2	41.30
Imported Coal.....	626	12,890	.65	.50	6.43	160.2	41.30
<b>Central Illinois Light Co Duck Creek</b> .....	<b>1,002</b>	<b>10,666</b>	<b>3.37</b>	<b>3.16</b>	<b>8.32</b>	<b>172.6</b>	<b>36.82</b>
Illinois.....	885	10,596	3.50	3.30	8.28	174.0	36.87
Macoupin.....	885	10,596	3.50	3.30	8.28	174.0	36.87
Indiana.....	117	11,197	2.39	2.13	8.68	162.7	36.43
Knox.....	117	11,197	2.39	2.13	8.68	162.7	36.43
<b>Central Illinois Light Co Edwards</b> .....	<b>1,667</b>	<b>11,046</b>	<b>1.94</b>	<b>1.76</b>	<b>7.88</b>	<b>123.8</b>	<b>27.34</b>
Illinois.....	1,652	11,044	1.95	1.77	7.89	123.5	27.28
Jefferson.....	604	12,119	1.03	.85	6.20	131.7	31.92
Logan.....	652	10,469	3.10	2.96	9.36	115.2	24.13
Macoupin.....	396	10,351	1.46	1.41	8.05	122.7	25.41
Indiana.....	15	11,259	.76	.68	7.00	148.2	33.37
Knox.....	15	11,259	.76	.68	7.00	148.2	33.37
<b>Central Illinois Pub Serv Co Grand Tower</b> .....	<b>222</b>	<b>11,219</b>	<b>2.87</b>	<b>2.56</b>	<b>10.75</b>	<b>100.9</b>	<b>22.63</b>
Illinois.....	222	11,219	2.87	2.56	10.75	100.9	22.63
Jackson.....	222	11,219	2.87	2.56	10.75	100.9	22.63
<b>Central Illinois Pub Serv Co Hutsonville</b> .....	<b>182</b>	<b>10,997</b>	<b>2.77</b>	<b>2.52</b>	<b>9.05</b>	<b>109.0</b>	<b>23.98</b>
Indiana.....	182	10,997	2.77	2.52	9.05	109.0	23.98
Davies.....	152	11,000	2.81	2.55	9.00	109.0	23.98
Greene.....	24	11,000	2.81	2.55	9.00	108.9	23.96
Sullivan.....	6	10,900	1.60	1.47	10.50	110.6	24.11
<b>Central Illinois Pub Serv Co Coffeen</b> .....	<b>1,858</b>	<b>10,221</b>	<b>.96</b>	<b>.94</b>	<b>8.09</b>	<b>179.1</b>	<b>36.61</b>
Illinois.....	1,759	10,300	1.00	.97	8.29	182.8	37.66
Macoupin.....	1,759	10,300	1.00	.97	8.29	182.8	37.66
Wyoming.....	99	8,820	.23	.26	4.50	102.2	18.04
Campbell.....	99	8,820	.23	.26	4.50	102.2	18.04
<b>Central Illinois Pub Serv Co Newton</b> .....	<b>3,504</b>	<b>9,049</b>	<b>.27</b>	<b>.30</b>	<b>5.24</b>	<b>109.0</b>	<b>19.73</b>
Colorado.....	236	11,200	.53	.47	11.00	84.3	18.88
Routt.....	236	11,200	.53	.47	11.00	84.3	18.88
Indiana.....	118	11,000	.66	.60	8.50	171.3	37.68
Knox.....	118	11,000	.66	.60	8.50	171.3	37.68
Wyoming.....	3,150	8,815	.24	.27	4.68	108.4	19.12
Campbell.....	3,150	8,815	.24	.27	4.68	108.4	19.12
<b>Central Illinois Pub Serv Co Meredosia</b> .....	<b>576</b>	<b>10,790</b>	<b>1.86</b>	<b>1.73</b>	<b>8.18</b>	<b>113.1</b>	<b>24.41</b>
Illinois.....	568	10,787	1.88	1.74	8.18	112.1	24.18
Jackson.....	124	11,206	2.80	2.50	10.68	122.6	27.48
McDonough.....	18	11,300	2.83	2.50	6.00	132.5	29.94
Macoupin.....	394	10,590	1.47	1.39	7.67	103.8	22.00
Saline.....	27	11,300	2.83	2.50	6.00	162.8	36.79
Schuyler.....	5	11,300	2.83	2.50	6.00	113.2	25.58
Indiana.....	8	11,000	.66	.60	8.60	184.1	40.50
Knox.....	8	11,000	.66	.60	8.60	184.1	40.50
<b>Central Iowa Power Coop Fair</b> .....	<b>191</b>	<b>12,168</b>	<b>2.79</b>	<b>2.29</b>	<b>9.55</b>	<b>113.4</b>	<b>27.60</b>
Illinois.....	170	12,215	2.77	2.27	9.49	112.9	27.58
Gallatin.....	46	12,811	2.55	1.99	8.39	109.6	28.09
Jackson.....	50	11,228	2.53	2.26	9.35	116.6	26.19
Saline.....	74	12,511	3.07	2.45	10.25	112.8	28.22
Kentucky.....	21	11,794	2.95	2.51	10.05	117.4	27.70
Hopkins.....	21	11,794	2.95	2.51	10.05	117.4	27.70
<b>Central Louisiana Elec Co Inc Dolet Hills</b> .....	<b>2,810</b>	<b>6,963</b>	<b>.92</b>	<b>1.32</b>	<b>12.49</b>	<b>133.7</b>	<b>18.62</b>

See footnotes at end of table.

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



**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Central Louisiana Elec Co Inc Dolet Hills</b>							
Louisiana.....	2,810	6,963	0.92	1.32	12.49	133.7	18.62
De Soto.....	2,105	6,937	.98	1.41	12.20	132.0	18.32
Red River.....	705	7,042	.73	1.04	13.34	138.5	19.51
<b>Central Louisiana Elec Co Inc Rodemacher</b>	<b>2,054</b>	<b>8,614</b>	<b>.68</b>	<b>.79</b>	<b>7.54</b>	<b>138.2</b>	<b>23.80</b>
Wyoming.....	2,054	8,614	.68	.79	7.54	138.2	23.80
Campbell.....	2,054	8,614	.68	.79	7.54	138.2	23.80
<b>Central Operating Co Sporn</b>	<b>2,658</b>	<b>12,146</b>	<b>1.49</b>	<b>1.22</b>	<b>12.49</b>	<b>122.7</b>	<b>29.79</b>
Kentucky.....	105	11,860	1.06	.90	11.84	102.4	24.28
Clay.....	2	11,692	.99	.85	13.40	103.0	24.09
Martin.....	67	11,858	1.05	.88	11.34	102.5	24.30
Pike.....	36	11,874	1.10	.92	12.72	102.1	24.25
Pennsylvania.....	262	13,075	1.50	1.15	7.24	105.3	27.55
Greene.....	262	13,075	1.50	1.15	7.24	105.3	27.55
West Virginia.....	2,292	12,053	1.50	1.25	13.12	125.7	30.30
Boone.....	53	11,889	1.04	.88	12.86	109.8	26.10
Brooke.....	54	12,351	3.00	2.43	9.60	484.0	119.56
Clay.....	348	12,316	1.39	1.13	11.99	158.7	39.08
Fayette.....	251	12,062	1.25	1.04	12.99	124.6	30.05
Kanawha.....	402	12,008	1.16	.96	13.24	115.8	27.82
Lincoln.....	2	11,738	1.20	1.02	11.49	103.8	24.36
Marshall.....	7	12,202	3.94	3.23	10.80	82.0	20.01
Monongalia.....	1,015	11,989	1.69	1.41	13.81	103.4	24.79
Wayne.....	140	11,920	1.37	1.15	12.25	102.9	24.53
Unknown <sup>2</sup> .....	19	11,975	1.74	1.46	14.05	100.1	23.96
<b>Central Power &amp; Light Co Coletto Creek</b>	<b>2,583</b>	<b>9,658</b>	<b>.30</b>	<b>.32</b>	<b>5.39</b>	<b>140.5</b>	<b>27.14</b>
Colorado.....	1,310	10,603	.40	.38	6.12	143.9	30.52
Gunnison.....	162	11,651	.49	.42	8.72	145.5	33.91
Moffat.....	1,148	10,455	.39	.37	5.75	143.7	30.04
Wyoming.....	1,274	8,687	.21	.24	4.63	136.2	23.67
Campbell.....	1,274	8,687	.21	.24	4.63	136.2	23.67
<b>Cincinnati Gas &amp; Electric Co East Bend</b>	<b>1,854</b>	<b>12,219</b>	<b>2.21</b>	<b>1.81</b>	<b>10.98</b>	<b>103.2</b>	<b>25.23</b>
Indiana.....	7	10,715	.99	.92	11.88	116.1	24.88
Gibson.....	7	10,715	.99	.92	11.88	116.1	24.88
Kentucky.....	676	12,041	1.07	.89	11.21	108.3	26.07
Breathitt.....	5	10,832	.83	.77	15.74	106.2	23.01
Floyd.....	10	11,595	.89	.77	14.31	111.9	25.95
Magoffin.....	216	12,136	1.08	.89	10.76	98.1	23.82
Martin.....	25	11,908	1.13	.95	11.36	113.3	26.97
Perry.....	97	11,829	.99	.84	12.49	112.2	26.56
Pike.....	222	12,080	.88	.73	11.22	117.1	28.29
Webster.....	26	12,335	2.10	1.70	9.50	109.6	27.04
Unknown <sup>2</sup> .....	70	12,006	1.40	1.17	10.62	102.5	24.62
Ohio.....	162	12,410	4.08	3.28	9.62	85.3	21.16
Belmont.....	131	12,506	4.10	3.28	9.43	82.0	20.51
Monroe.....	21	12,253	4.44	3.62	10.39	92.6	22.70
Vinton.....	10	11,483	2.99	2.60	10.40	115.6	26.54
Pennsylvania.....	14	13,156	2.23	1.70	7.71	104.1	27.40
Greene.....	14	13,156	2.23	1.70	7.71	104.1	27.40
West Virginia.....	995	12,306	2.68	2.18	11.08	102.8	25.30
Boone.....	31	11,870	.91	.77	12.66	110.5	26.24
Brooke.....	588	12,336	3.69	2.99	10.64	93.3	23.02
Clay.....	37	11,914	1.31	1.10	14.82	111.8	26.64
Fayette.....	39	12,284	1.84	1.50	10.85	111.5	27.39
Kanawha.....	235	12,147	.86	.71	12.36	121.3	29.46
Marshall.....	9	12,088	3.43	2.84	12.00	94.4	22.82
Monongalia.....	53	13,280	2.25	1.69	6.81	111.1	29.50
Wayne.....	3	12,084	.92	.76	10.40	106.9	25.84
<b>Cincinnati Gas &amp; Electric Co Miami Fort</b>	<b>3,499</b>	<b>12,031</b>	<b>1.00</b>	<b>.83</b>	<b>12.54</b>	<b>119.9</b>	<b>28.85</b>
Kentucky.....	1,074	11,939	.89	.74	11.49	114.4	27.32
Boyd.....	11	12,426	.69	.56	9.20	122.8	30.52
Breathitt.....	47	11,442	1.13	.98	11.24	104.7	23.97
Floyd.....	73	11,715	1.09	.93	13.00	109.0	25.54

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Cincinnati Gas &amp; Electric Co Miami Fort</b>							
Kentucky							
Knott .....	45	11,519	0.73	0.64	13.18	118.7	27.35
Letcher .....	12	11,442	.64	.56	14.92	123.0	28.16
Martin .....	96	12,085	1.06	.87	10.26	115.6	27.93
Perry .....	215	11,815	.85	.72	12.51	112.7	26.63
Pike .....	447	12,103	.84	.69	10.79	118.6	28.72
Unknown <sup>2</sup> .....	128	11,925	.86	.72	11.67	104.8	25.00
Ohio .....							
Belmont .....	57	11,883	3.47	2.92	10.77	104.4	24.82
Monroe .....	27	12,233	3.26	2.67	11.13	101.6	24.85
Vinton .....	9	12,061	4.33	3.59	10.28	93.6	22.58
Pennsylvania .....	21	11,368	3.37	2.97	10.52	113.1	25.71
Greene .....	103	13,088	2.11	1.61	7.58	104.9	27.46
Washington .....	102	13,091	2.12	1.62	7.58	104.8	27.45
West Virginia .....	1	12,839	1.62	1.26	7.40	110.2	28.30
Boone .....	2,265	12,030	.94	.79	13.31	123.6	29.75
Brooke .....	46	11,767	.85	.72	12.97	111.3	26.19
Clay .....	33	12,258	3.58	2.92	10.01	95.0	23.30
Fayette .....	330	12,272	.75	.61	12.46	131.3	32.22
Kanawha .....	197	12,255	1.62	1.33	11.85	110.1	26.99
Logan .....	1,470	11,902	.76	.64	14.09	126.3	30.06
Marshall .....	19	9,973	.60	.60	24.32	87.8	17.51
Mingo .....	5	12,237	3.96	3.24	11.40	90.9	22.25
Monongalia .....	20	12,484	.75	.60	10.76	121.9	30.43
Nicholas .....	99	13,214	2.19	1.65	6.76	112.7	29.80
Raleigh .....	26	11,304	.76	.67	15.42	114.4	25.87
Wayne .....	18	12,079	.68	.56	13.07	126.0	30.45
Wayne .....	2	10,938	1.25	1.14	17.50	98.0	21.44
<b>Cincinnati Gas &amp; Electric Co Beckjord</b>							
Kentucky							
Breathitt .....	1,611	11,907	.93	.78	11.96	112.1	26.70
Floyd .....	12	11,261	.95	.84	12.20	109.6	24.69
Martin .....	59	11,860	.94	.79	11.89	109.3	25.93
Perry .....	200	12,041	.94	.78	10.99	115.7	27.85
Pike .....	567	11,776	.97	.82	13.34	109.0	25.68
Unknown <sup>2</sup> .....	604	11,961	.90	.75	11.23	115.8	27.71
Ohio .....	168	12,056	.86	.71	11.04	106.1	25.58
Ohio .....							
Belmont .....	15	11,819	3.59	3.04	9.51	106.0	25.06
Monroe .....	6	12,444	4.08	3.28	9.15	98.4	24.49
Vinton .....	2	12,119	4.41	3.64	9.80	94.4	22.88
Pennsylvania .....	8	11,285	3.05	2.71	9.73	114.9	25.93
Greene .....	81	13,086	2.18	1.67	7.65	104.2	27.28
West Virginia .....	81	13,086	2.18	1.67	7.65	104.2	27.28
Boone .....	1,347	12,169	1.00	.82	12.16	115.7	28.17
Brooke .....	86	11,821	.86	.73	11.52	114.9	27.16
Clay .....	13	12,329	3.52	2.85	10.02	92.5	22.81
Fayette .....	11	10,758	1.68	1.57	19.49	82.8	17.83
Kanawha .....	73	12,828	1.07	.83	10.18	113.9	29.22
Logan .....	1,057	12,100	.85	.70	12.63	117.5	28.44
Marshall .....	4	10,228	.79	.77	23.49	85.8	17.56
Monongalia .....	14	12,089	3.54	2.92	11.25	85.0	20.55
Nicholas .....	79	13,224	2.21	1.67	6.92	110.8	29.29
Wayne .....	8	11,639	.93	.80	14.62	111.7	26.01
Wayne .....	2	10,882	1.05	.96	16.90	97.8	21.29
<b>Cincinnati Gas &amp; Electric Co Zimmer</b>							
Kentucky							
Breathitt .....	43	11,827	.97	.82	11.72	112.9	26.71
Floyd .....	2	10,704	1.13	1.06	15.60	96.1	20.57
Martin .....	2	11,969	.99	.83	11.80	111.1	26.60
Perry .....	5	12,190	1.04	.85	10.70	115.9	28.26
Pike .....	18	12,007	.93	.78	11.49	111.2	26.71
Ohio .....	17	11,611	.96	.83	11.92	115.5	26.81
Ohio .....							
Belmont .....	3,180	12,111	3.92	3.24	9.72	101.1	24.49
Monroe .....	1,231	12,477	4.08	3.27	9.28	100.7	25.14
Vinton .....	1,117	12,200	4.37	3.58	10.16	92.4	22.53
Vinton .....	832	11,448	3.07	2.68	9.77	114.3	26.16

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Cincinnati Gas &amp; Electric Co Zimmer</b>							
Pennsylvania .....	8	13,028	2.08	1.60	7.83	104.3	27.16
Greene .....	8	13,028	2.08	1.60	7.83	104.3	27.16
West Virginia .....	168	12,296	2.74	2.23	11.30	99.6	24.49
Boone .....	2	10,942	.78	.71	14.90	112.0	24.51
Brooke .....	60	12,345	3.83	3.10	9.95	91.7	22.64
Kanawha .....	20	12,165	.82	.67	12.74	120.5	29.32
Marshall .....	36	12,119	3.80	3.14	12.19	86.0	20.83
Monongalia .....	19	13,123	2.31	1.76	6.61	111.5	29.26
Nicholas .....	31	12,039	.99	.82	14.78	108.7	26.17
<b>Cleveland Electric Illum Co Ashtabula</b>	<b>331</b>	<b>12,349</b>	<b>3.84</b>	<b>3.11</b>	<b>9.00</b>	<b>106.1</b>	<b>26.19</b>
Ohio .....	308	12,477	4.06	3.25	9.26	105.7	26.39
Belmont .....	287	12,496	4.16	3.33	9.15	104.6	26.13
Columbiana .....	21	12,216	2.63	2.15	10.71	122.4	29.90
Pennsylvania .....	10	13,248	2.04	1.54	7.41	111.3	29.50
Greene .....	10	13,248	2.04	1.54	7.41	111.3	29.50
Wyoming .....	14	8,922	.19	.21	4.40	110.5	19.72
Campbell .....	14	8,922	.19	.21	4.40	110.5	19.72
<b>Cleveland Electric Illum Co Avon Lake</b>	<b>1,397</b>	<b>12,771</b>	<b>1.03</b>	<b>.80</b>	<b>9.04</b>	<b>140.9</b>	<b>36.00</b>
Kentucky .....	103	12,684	.88	.70	10.14	136.0	34.51
Pike .....	103	12,684	.88	.70	10.14	136.0	34.51
Ohio .....	112	12,410	2.06	1.66	9.26	124.3	30.85
Columbiana .....	112	12,410	2.06	1.66	9.26	124.3	30.85
Pennsylvania .....	203	13,135	2.13	1.62	7.73	107.4	28.22
Greene .....	203	13,135	2.13	1.62	7.73	107.4	28.22
West Virginia .....	940	12,903	.71	.55	9.32	151.3	39.05
Logan .....	51	12,318	.81	.66	11.94	131.9	32.50
Mingo .....	889	12,937	.71	.55	9.17	152.4	39.42
Wyoming .....	38	8,872	.28	.31	5.36	120.3	21.34
Converse .....	38	8,872	.28	.31	5.36	120.3	21.34
<b>Cleveland Electric Illum Co Eastlake</b>	<b>1,957</b>	<b>12,811</b>	<b>2.55</b>	<b>1.99</b>	<b>8.43</b>	<b>113.6</b>	<b>29.10</b>
Ohio .....	860	12,569	3.38	2.69	9.13	105.0	26.39
Belmont .....	616	12,631	3.89	3.08	9.01	98.0	24.75
Columbiana .....	244	12,412	2.10	1.69	9.43	122.9	30.51
Pennsylvania .....	1,025	13,148	1.95	1.48	7.73	120.3	31.64
Greene .....	1,025	13,148	1.95	1.48	7.73	120.3	31.64
West Virginia .....	45	12,271	1.57	1.28	13.66	119.3	29.28
Nicholas .....	12	12,164	3.51	2.89	14.10	111.6	27.15
Webster .....	33	12,310	.86	.70	13.50	122.1	30.06
Wyoming .....	28	8,820	.20	.22	4.30	108.4	19.12
Campbell .....	28	8,820	.20	.22	4.30	108.4	19.12
<b>Cleveland Electric Illum Co Lake Shore</b>	<b>133</b>	<b>13,131</b>	<b>.63</b>	<b>.48</b>	<b>7.01</b>	<b>150.8</b>	<b>39.60</b>
Kentucky .....	65	13,123	.54	.42	6.87	150.9	39.62
Martin .....	10	12,899	.52	.40	6.90	148.3	38.26
Pike .....	56	13,163	.55	.42	6.86	151.4	39.86
West Virginia .....	68	13,137	.71	.54	7.15	150.6	39.58
Mingo .....	39	13,038	.76	.58	7.22	152.0	39.63
Wyoming .....	28	13,275	.65	.49	7.04	148.8	39.51
<b>Colorado Springs City of Drake</b>	<b>813</b>	<b>10,756</b>	<b>.42</b>	<b>.39</b>	<b>7.04</b>	<b>137.8</b>	<b>29.63</b>
Colorado .....	790	10,810	.42	.39	7.10	139.1	30.08
Moffat .....	470	10,466	.39	.37	5.57	177.2	37.09
Routt .....	321	11,314	.47	.42	9.34	87.6	19.82
Wyoming .....	22	8,849	.23	.26	4.77	78.3	13.87
Campbell .....	22	8,849	.23	.26	4.77	78.3	13.87
<b>Colorado Springs City of Nixon</b>	<b>637</b>	<b>10,393</b>	<b>.40</b>	<b>.38</b>	<b>7.66</b>	<b>87.8</b>	<b>18.26</b>
Colorado .....	404	11,304	.49	.43	9.21	92.6	20.93
Moffat .....	10	11,175	.61	.55	11.65	93.1	20.81
Routt .....	394	11,307	.48	.43	9.15	92.6	20.94
Wyoming .....	232	8,809	.24	.27	4.97	77.2	13.60
Campbell .....	151	8,821	.24	.27	4.71	77.8	13.73
Converse .....	82	8,788	.25	.28	5.45	76.0	13.36

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Columbia City of Columbia</b> .....	<b>40</b>	<b>13,402</b>	<b>1.23</b>	<b>0.92</b>	<b>6.62</b>	<b>199.6</b>	<b>53.49</b>
Kentucky .....	40	13,402	1.23	.92	6.62	199.6	53.49
Bell .....	40	13,402	1.23	.92	6.62	199.6	53.49
<b>Columbus Southern Power Co Picway</b> .....	<b>168</b>	<b>11,203</b>	<b>2.74</b>	<b>2.44</b>	<b>11.79</b>	<b>118.5</b>	<b>26.56</b>
Ohio .....	168	11,203	2.74	2.44	11.79	118.5	26.56
Perry .....	168	11,203	2.74	2.44	11.79	118.5	26.56
<b>Columbus Southern Power Co Conesville</b> .....	<b>3,950</b>	<b>12,005</b>	<b>2.68</b>	<b>2.23</b>	<b>8.75</b>	<b>121.5</b>	<b>29.18</b>
Ohio .....	3,950	12,005	2.68	2.23	8.75	121.5	29.18
Belmont .....	291	11,978	2.98	2.49	11.76	96.4	23.08
Columbiana .....	6	11,480	3.60	3.14	12.50	103.9	23.86
Coshocton .....	2,156	11,980	2.70	2.25	7.57	134.2	32.15
Guernsey .....	*	11,001	2.04	1.85	14.30	101.0	22.22
Harrison .....	962	12,305	2.50	2.04	8.84	110.5	27.20
Holmes .....	13	10,922	3.16	2.89	14.16	73.0	15.94
Jefferson .....	247	11,904	2.29	1.92	11.55	103.8	24.71
Perry .....	122	11,294	2.75	2.44	11.36	110.5	24.96
Tuscarawas .....	152	11,367	3.41	3.00	11.83	101.8	23.15
<b>Commonwealth Edison Co Waukegan</b> .....	<b>2,059</b>	<b>8,702</b>	<b>.42</b>	<b>.48</b>	<b>5.46</b>	<b>180.1</b>	<b>31.35</b>
Wyoming .....	2,059	8,702	.42	.48	5.46	180.1	31.35
Campbell .....	2,059	8,702	.42	.48	5.46	180.1	31.35
<b>Commonwealth Edison Co Joliet</b> .....	<b>4,412</b>	<b>8,765</b>	<b>.37</b>	<b>.42</b>	<b>5.37</b>	<b>263.1</b>	<b>46.13</b>
Wyoming .....	4,412	8,765	.37	.42	5.37	263.1	46.13
Campbell .....	4,412	8,765	.37	.42	5.37	263.1	46.13
<b>Commonwealth Edison Co Powerton</b> .....	<b>4,406</b>	<b>8,818</b>	<b>.42</b>	<b>.48</b>	<b>5.36</b>	<b>138.0</b>	<b>24.34</b>
Illinois .....	28	8,377	2.71	3.23	24.69	155.6	26.07
McDonough .....	28	8,377	2.71	3.23	24.69	155.6	26.07
Montana .....	704	9,597	.34	.35	3.95	168.8	32.40
Big Horn .....	704	9,597	.34	.35	3.95	168.8	32.40
Wyoming .....	3,674	8,673	.42	.48	5.48	131.4	22.79
Campbell .....	3,674	8,673	.42	.48	5.48	131.4	22.79
<b>Commonwealth Edison Co Will County</b> .....	<b>3,329</b>	<b>8,958</b>	<b>.39</b>	<b>.44</b>	<b>5.05</b>	<b>177.0</b>	<b>31.71</b>
Montana .....	955	9,583	.36	.37	3.97	156.7	30.02
Big Horn .....	955	9,583	.36	.37	3.97	156.7	30.02
Wyoming .....	2,374	8,706	.41	.47	5.48	186.0	32.39
Campbell .....	2,374	8,706	.41	.47	5.48	186.0	32.39
<b>Consumers Power Co Campbell</b> .....	<b>4,166</b>	<b>11,143</b>	<b>.60</b>	<b>.53</b>	<b>8.91</b>	<b>144.1</b>	<b>32.11</b>
Kentucky .....	1,170	12,871	.74	.58	8.68	158.6	40.82
Floyd .....	1,119	12,901	.74	.57	8.58	158.6	40.92
Knott .....	32	12,039	.91	.76	12.40	157.2	37.86
Pike .....	19	12,553	.70	.56	8.59	160.9	40.39
West Virginia .....	1,540	12,099	.74	.61	12.30	163.3	39.52
Boone .....	1,540	12,099	.74	.61	12.30	163.3	39.52
Wyoming .....	1,456	8,743	.33	.37	5.49	98.7	17.27
Campbell .....	1,444	8,742	.33	.37	5.49	98.7	17.26
Converse .....	13	8,887	.30	.34	5.90	99.3	17.65
<b>Consumers Power Co Cobb</b> .....	<b>1,062</b>	<b>10,136</b>	<b>.79</b>	<b>.78</b>	<b>7.57</b>	<b>120.7</b>	<b>24.46</b>
Montana .....	554	9,048	.50	.55	6.54	116.0	21.00
Big Horn .....	554	9,048	.50	.55	6.54	116.0	21.00
West Virginia .....	333	12,670	1.51	1.19	10.37	132.0	33.45
Nicholas .....	333	12,670	1.51	1.19	10.37	132.0	33.45
Wyoming .....	175	8,765	.34	.38	5.49	104.7	18.35
Campbell .....	175	8,765	.34	.38	5.49	104.7	18.35
<b>Consumers Power Co Karn</b> .....	<b>1,096</b>	<b>12,206</b>	<b>.87</b>	<b>.71</b>	<b>11.79</b>	<b>147.6</b>	<b>36.02</b>
Kentucky .....	301	12,049	.96	.80	11.81	144.5	34.83
Floyd .....	156	12,095	.96	.80	11.64	145.7	35.24
Knott .....	145	12,000	.96	.80	12.00	143.3	34.39

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Consumers Power Co Karn</b>							
West Virginia.....	795	12,266	0.84	0.68	11.78	148.7	36.48
Boone.....	433	12,053	.85	.71	11.88	147.5	35.56
Clay.....	181	12,490	.85	.68	11.69	150.2	37.53
Nicholas.....	181	12,552	.79	.63	11.63	149.9	37.62
<b>Consumers Power Co Weadock.....</b>							
Kentucky.....	<b>79</b>	<b>12,099</b>	<b>.96</b>	<b>.79</b>	<b>11.67</b>	<b>145.3</b>	<b>35.17</b>
Clay.....	*	12,100	.97	.80	12.00	135.9	32.89
Floyd.....	64	12,121	.96	.79	11.59	146.0	35.40
Knott.....	15	12,000	.96	.80	12.00	142.4	34.17
Montana.....	421	9,027	.50	.55	6.57	117.7	21.26
Big Horn.....	421	9,027	.50	.55	6.57	117.7	21.26
West Virginia.....	353	12,232	.87	.71	11.86	147.8	36.17
Boone.....	202	12,091	.84	.70	11.94	146.5	35.42
Clay.....	49	12,512	.89	.71	11.86	151.9	38.02
Nicholas.....	103	12,375	.92	.74	11.70	148.5	36.75
Wyoming.....	778	8,746	.33	.38	5.45	98.8	17.28
Campbell.....	765	8,744	.33	.38	5.45	98.8	17.27
Converse.....	13	8,827	.30	.34	5.90	100.1	17.67
<b>Consumers Power Co Whiting.....</b>							
Kentucky.....	<b>153</b>	<b>12,176</b>	<b>.94</b>	<b>.77</b>	<b>11.45</b>	<b>141.6</b>	<b>34.49</b>
Floyd.....	93	12,290	.93	.76	11.09	143.2	35.21
Knott.....	60	12,000	.96	.80	12.00	139.1	33.39
West Virginia.....	467	12,096	.84	.69	11.88	142.4	34.45
Boone.....	446	12,071	.84	.70	11.89	142.3	34.36
Nicholas.....	21	12,624	.80	.64	11.61	143.6	36.26
Wyoming.....	365	8,754	.34	.38	5.55	104.5	18.29
Campbell.....	365	8,754	.34	.38	5.55	104.5	18.29
<b>Coop Power Assn Coal Creek.....</b>							
North Dakota.....	<b>7,150</b>	<b>6,189</b>	<b>.66</b>	<b>1.06</b>	<b>11.34</b>	<b>81.3</b>	<b>10.06</b>
Mclean.....	7,150	6,189	.66	1.06	11.34	81.3	10.06
<b>Dairyland Power Coop Alma-Madgett.....</b>							
Colorado.....	<b>238</b>	<b>11,711</b>	<b>.50</b>	<b>.43</b>	<b>8.82</b>	<b>136.9</b>	<b>32.07</b>
Gunnison.....	238	11,711	.50	.43	8.82	136.9	32.07
Illinois.....	91	12,006	1.03	.86	6.14	135.1	32.44
Jefferson.....	91	12,006	1.03	.86	6.14	135.1	32.44
Montana.....	60	9,494	.33	.35	4.00	95.7	18.17
Big Horn.....	60	9,494	.33	.35	4.00	95.7	18.17
Wyoming.....	1,419	8,841	.19	.22	4.47	99.3	17.55
Campbell.....	1,419	8,841	.19	.22	4.47	99.3	17.55
<b>Dairyland Power Coop Genoa No.3.....</b>							
Illinois.....	<b>619</b>	<b>12,016</b>	<b>1.05</b>	<b>.87</b>	<b>6.00</b>	<b>135.2</b>	<b>32.50</b>
Jefferson.....	619	12,016	1.05	.87	6.00	135.2	32.50
Wyoming.....	400	8,827	.19	.21	4.47	119.7	21.14
Campbell.....	400	8,827	.19	.21	4.47	119.7	21.14
<b>Dayton Power &amp; Light Co Stuart.....</b>							
Kentucky.....	<b>3,130</b>	<b>11,512</b>	<b>.81</b>	<b>.71</b>	<b>14.44</b>	<b>123.4</b>	<b>28.41</b>
Breathitt.....	23	11,321	.89	.79	15.60	98.1	22.21
Floyd.....	286	11,111	.89	.80	15.58	102.9	22.86
Knott.....	59	11,155	.83	.74	15.76	100.2	22.35
Lawrence.....	3	10,776	.92	.85	15.30	105.6	22.76
Magoffin.....	10	11,545	.76	.66	12.39	100.0	23.08
Martin.....	2,131	11,481	.79	.69	14.80	121.4	27.88
Pike.....	617	11,851	.84	.71	12.52	142.5	33.79
West Virginia.....	2,595	11,389	.84	.74	15.34	109.7	25.00
Boone.....	796	11,633	.74	.64	15.59	106.5	24.77
Kanawha.....	28	12,011	1.06	.89	13.80	101.7	24.44
Lincoln.....	155	11,254	.85	.76	15.50	100.3	22.57
Mingo.....	408	11,089	.90	.81	16.02	100.6	22.32
Wayne.....	1,207	11,334	.88	.77	14.95	116.4	26.39
<b>Dayton Power &amp; Light Co Hutchings.....</b>							
	<b>128</b>	<b>12,387</b>	<b>.86</b>	<b>.70</b>	<b>9.92</b>	<b>135.7</b>	<b>33.62</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Dayton Power &amp; Light Co Hutchings</b>							
Kentucky.....	87	12,388	.91	0.74	8.99	139.2	34.48
Martin.....	87	12,388	.91	.74	8.99	139.2	34.48
West Virginia.....	42	12,385	.76	.62	11.86	128.5	31.82
Nicholas.....	42	12,385	.76	.62	11.86	128.5	31.82
<b>Dayton Power &amp; Light Co Killen</b>							
	<b>1,736</b>	<b>11,847</b>	<b>.62</b>	<b>.53</b>	<b>13.83</b>	<b>126.0</b>	<b>29.85</b>
Kentucky.....	986	11,796	.61	.52	14.24	118.4	27.94
Breathitt.....	50	11,860	.61	.51	14.10	118.8	28.18
Floyd.....	45	11,459	.59	.52	13.75	123.2	28.22
Lawrence.....	13	11,745	.65	.55	12.74	122.7	28.82
Martin.....	663	11,854	.61	.52	14.00	119.1	28.24
Morgan.....	13	11,327	.64	.57	14.98	122.7	27.80
Pike.....	202	11,696	.61	.52	15.19	114.5	26.79
West Virginia.....	750	11,915	.64	.54	13.29	135.8	32.36
Kanawha.....	3	12,087	.70	.58	13.60	118.1	28.55
Lincoln.....	49	11,530	.62	.54	13.95	111.2	25.65
Logan.....	434	12,076	.64	.53	13.58	151.8	36.65
Mingo.....	263	11,718	.63	.54	12.68	113.4	26.58
<b>Delmarva Power &amp; Light Co Edgemoor</b>							
	<b>273</b>	<b>12,571</b>	<b>.74</b>	<b>.59</b>	<b>11.32</b>	<b>158.1</b>	<b>39.76</b>
Virginia.....	29	13,042	.72	.55	9.07	150.4	39.22
Buchanan.....	29	13,042	.72	.55	9.07	150.4	39.22
West Virginia.....	244	12,515	.75	.60	11.59	159.1	39.82
Mingo.....	45	12,684	.74	.59	10.20	162.1	41.12
Nicholas.....	32	12,552	.71	.56	11.83	164.4	41.27
Webster.....	159	12,434	.75	.61	12.01	157.3	39.11
Wyoming.....	8	13,033	.78	.60	10.00	156.7	40.85
<b>Delmarva Power &amp; Light Co Indian River</b>							
	<b>931</b>	<b>13,042</b>	<b>1.03</b>	<b>.79</b>	<b>8.66</b>	<b>159.2</b>	<b>41.52</b>
Kentucky.....	31	12,648	.66	.52	7.65	174.6	44.17
Martin.....	31	12,648	.66	.52	7.65	174.6	44.17
Maryland.....	123	13,019	1.46	1.12	10.11	145.5	37.87
Garrett.....	123	13,019	1.46	1.12	10.11	145.5	37.87
Pennsylvania.....	324	13,238	1.35	1.02	6.61	143.5	37.98
Greene.....	31	13,292	1.44	1.08	6.50	143.9	38.25
Washington.....	292	13,232	1.34	1.01	6.63	143.4	37.95
Virginia.....	184	13,470	.77	.57	7.00	177.5	47.81
Wise.....	184	13,470	.77	.57	7.00	177.5	47.81
West Virginia.....	269	12,568	.68	.54	11.71	170.4	42.82
Mingo.....	35	12,796	.67	.52	9.58	171.3	43.84
Nicholas.....	194	12,539	.69	.55	11.68	172.3	43.20
Webster.....	40	12,507	.67	.53	13.72	160.2	40.06
<b>Deseret Generation &amp; Tran Coop Bonanza</b>							
	<b>1,502</b>	<b>10,327</b>	<b>.42</b>	<b>.40</b>	<b>10.88</b>	<b>157.5</b>	<b>32.53</b>
Colorado.....	1,222	10,169	.42	.41	10.93	163.6	33.27
Rio Blanco.....	1,222	10,169	.42	.41	10.93	163.6	33.27
Utah.....	280	11,018	.43	.39	10.66	133.1	29.33
Carbon.....	280	11,018	.43	.39	10.66	133.1	29.33
<b>Detroit Edison Co Belle River</b>							
	<b>3,820</b>	<b>9,500</b>	<b>.34</b>	<b>.36</b>	<b>4.17</b>	<b>151.9</b>	<b>28.86</b>
Montana.....	3,820	9,500	.34	.36	4.17	151.9	28.86
Big Horn.....	3,820	9,500	.34	.36	4.17	151.9	28.86
<b>Detroit Edison Co Harbor Beach</b>							
	<b>102</b>	<b>13,392</b>	<b>.95</b>	<b>.71</b>	<b>7.19</b>	<b>145.5</b>	<b>38.98</b>
Kentucky.....	101	13,396	.95	.71	7.19	145.7	39.03
Pike.....	101	13,396	.95	.71	7.19	145.7	39.03
Pennsylvania.....	1	13,055	1.87	1.43	6.80	128.5	33.55
Greene.....	1	13,055	1.87	1.43	6.80	128.5	33.55
<b>Detroit Edison Co Marysville</b>							
	<b>37</b>	<b>13,432</b>	<b>.94</b>	<b>.70</b>	<b>7.08</b>	<b>146.6</b>	<b>39.37</b>
Kentucky.....	37	13,432	.94	.70	7.08	146.6	39.37
Pike.....	37	13,432	.94	.70	7.08	146.6	39.37
<b>Detroit Edison Co Monroe</b>							
	<b>8,229</b>	<b>10,507</b>	<b>.60</b>	<b>.57</b>	<b>5.98</b>	<b>112.2</b>	<b>23.58</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Detroit Edison Co Monroe</b>							
Kentucky .....	1,192	12,810	0.91	0.71	8.35	128.1	32.82
Clay .....	67	12,787	.86	.67	8.50	124.0	31.71
Knott .....	557	12,664	.98	.77	8.51	126.1	31.95
Letcher .....	21	12,862	.88	.68	8.26	129.2	33.23
Martin .....	27	12,763	.74	.58	8.10	130.1	33.22
Perry .....	33	13,138	.77	.58	7.20	131.0	34.43
Pike .....	487	12,959	.87	.67	8.23	130.5	33.81
Pennsylvania .....	1,358	13,158	1.47	1.12	6.69	119.9	31.55
Greene .....	636	13,082	1.57	1.20	6.71	117.5	30.73
Washington .....	722	13,226	1.39	1.05	6.66	122.0	32.28
West Virginia .....	807	13,109	.83	.63	7.88	127.6	33.46
Boone .....	663	13,126	.84	.64	7.67	126.8	33.29
Mingo .....	144	13,031	.78	.60	8.82	131.4	34.24
Wyoming .....	4,872	8,774	.25	.28	4.89	99.5	17.46
Campbell .....	4,683	8,773	.25	.29	4.87	99.6	17.48
Converse .....	189	8,795	.21	.24	5.35	96.5	16.98
<b>Detroit Edison Co River Rouge</b>	<b>1,531</b>	<b>10,736</b>	<b>.64</b>	<b>.60</b>	<b>6.18</b>	<b>116.1</b>	<b>24.92</b>
Kentucky .....	289	12,850	.90	.70	8.06	128.0	32.89
Knott .....	122	12,694	.96	.76	8.29	126.8	32.20
Letcher .....	11	13,055	.93	.71	8.70	125.4	32.74
Martin .....	12	12,773	.72	.56	7.90	131.1	33.49
Perry .....	22	13,302	.72	.55	6.00	131.0	34.86
Pike .....	122	12,913	.89	.69	8.16	128.5	33.18
Pennsylvania .....	273	13,240	1.44	1.08	6.62	128.4	33.99
Greene .....	113	13,171	1.45	1.10	6.72	126.5	33.33
Washington .....	160	13,288	1.42	1.07	6.56	129.7	34.46
West Virginia .....	145	12,980	.79	.61	8.54	127.5	33.11
Boone .....	120	12,972	.81	.62	8.46	126.9	32.92
Mingo .....	25	13,016	.71	.55	8.90	130.6	34.00
Wyoming .....	824	8,770	.26	.30	4.97	100.8	17.68
Campbell .....	799	8,771	.26	.30	4.94	100.7	17.67
Converse .....	25	8,741	.26	.30	5.75	102.6	17.93
<b>Detroit Edison Co St Clair</b>	<b>4,681</b>	<b>10,084</b>	<b>.71</b>	<b>.71</b>	<b>4.62</b>	<b>144.3</b>	<b>29.10</b>
Montana .....	3,947	9,500	.34	.36	4.17	152.0	28.87
Big Horn .....	3,947	9,500	.34	.36	4.17	152.0	28.87
Pennsylvania .....	50	13,189	2.15	1.63	7.46	106.1	27.99
Greene .....	50	13,189	2.15	1.63	7.46	106.1	27.99
West Virginia .....	684	13,229	2.77	2.09	7.00	115.3	30.51
Harrison .....	417	13,116	3.13	2.38	7.26	118.2	31.01
Monongalia .....	267	13,404	2.21	1.65	6.59	110.9	29.72
<b>Detroit Edison Co Trenton Channel</b>	<b>2,044</b>	<b>10,696</b>	<b>.75</b>	<b>.70</b>	<b>5.58</b>	<b>113.8</b>	<b>24.34</b>
Kentucky .....	10	13,236	.93	.70	7.40	135.6	35.90
Pike .....	10	13,236	.93	.70	7.40	135.6	35.90
Pennsylvania .....	878	13,158	1.45	1.10	6.68	123.3	32.46
Greene .....	353	13,105	1.51	1.15	6.63	122.9	32.21
Washington .....	525	13,193	1.41	1.07	6.71	123.6	32.63
Wyoming .....	1,156	8,805	.21	.24	4.74	102.6	18.07
Campbell .....	921	8,805	.20	.22	4.54	103.3	18.19
Converse .....	235	8,804	.27	.30	5.50	100.0	17.61
<b>Duke Power Co Allen</b>	<b>1,928</b>	<b>12,416</b>	<b>.79</b>	<b>.63</b>	<b>10.43</b>	<b>140.9</b>	<b>34.98</b>
Kentucky .....	609	12,345	.86	.70	10.39	140.3	34.65
Martin .....	241	12,215	.86	.70	10.96	145.3	35.49
Pike .....	368	12,430	.86	.69	10.01	137.1	34.09
Virginia .....	146	12,901	.80	.62	10.15	144.9	37.39
Tazewell .....	71	13,017	.64	.49	9.30	160.1	41.68
Wise .....	75	12,791	.95	.75	10.96	130.3	33.33
West Virginia .....	1,173	12,393	.75	.60	10.50	140.6	34.85
Fayette .....	35	12,837	1.02	.79	7.50	130.9	33.61
Mingo .....	925	12,394	.70	.57	10.77	142.5	35.33
Wayne .....	213	12,313	.88	.71	9.78	134.0	32.99
<b>Duke Power Co Belews Creek</b>	<b>5,225</b>	<b>12,327</b>	<b>.80</b>	<b>.65</b>	<b>10.96</b>	<b>150.1</b>	<b>37.01</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Duke Power Co Belews Creek</b>							
Kentucky .....	3,667	12,266	0.81	0.66	10.89	150.4	36.89
Martin .....	1,810	12,194	.86	.71	10.94	152.0	37.07
Pike .....	1,857	12,335	.76	.62	10.85	148.8	36.71
Virginia .....	208	12,744	.75	.59	10.93	156.7	39.93
Russell.....	30	13,181	.76	.58	9.10	134.6	35.48
Tazewell.....	147	12,438	.70	.57	11.74	166.1	41.32
Wise .....	31	13,772	.95	.69	8.85	136.7	37.66
West Virginia.....	1,350	12,429	.76	.61	11.15	148.4	36.90
Mingo.....	560	12,541	.75	.59	10.38	140.2	35.17
Nicholas.....	773	12,355	.77	.62	11.75	154.8	38.25
Wayne.....	17	12,152	.84	.69	9.52	134.8	32.76
<b>Duke Power Co Buck</b>	<b>652</b>	<b>12,129</b>	<b>.78</b>	<b>.65</b>	<b>12.32</b>	<b>138.0</b>	<b>33.47</b>
Kentucky .....	191	12,205	.92	.76	10.74	143.6	35.06
Martin .....	87	11,971	.98	.82	11.39	144.4	34.56
Pike .....	104	12,400	.88	.71	10.20	143.1	35.48
Virginia .....	55	12,918	1.00	.77	10.10	142.4	36.78
Wise .....	55	12,918	1.00	.77	10.10	142.4	36.78
West Virginia.....	406	11,987	.69	.57	13.37	134.6	32.27
Mingo.....	406	11,987	.69	.57	13.37	134.6	32.27
<b>Duke Power Co Cliffside</b>	<b>1,437</b>	<b>12,671</b>	<b>.89</b>	<b>.70</b>	<b>8.26</b>	<b>134.7</b>	<b>34.14</b>
Kentucky .....	1,437	12,671	.89	.70	8.26	134.7	34.14
Floyd.....	586	12,526	.97	.77	9.02	135.2	33.87
Harlan .....	192	12,743	.94	.74	7.85	130.4	33.23
Perry.....	630	12,794	.79	.62	7.49	135.8	34.74
Pike .....	29	12,447	.94	.76	12.29	130.6	32.51
<b>Duke Power Co Dan River</b>	<b>307</b>	<b>12,805</b>	<b>.71</b>	<b>.55</b>	<b>9.71</b>	<b>139.5</b>	<b>35.73</b>
Kentucky .....	29	12,470	.88	.71	10.35	149.8	37.37
Pike .....	29	12,470	.88	.71	10.35	149.8	37.37
West Virginia.....	278	12,840	.69	.54	9.65	138.5	35.56
Mingo.....	278	12,840	.69	.54	9.65	138.5	35.56
<b>Duke Power Co Lee</b>	<b>409</b>	<b>12,615</b>	<b>1.01</b>	<b>.80</b>	<b>9.77</b>	<b>142.1</b>	<b>35.85</b>
Kentucky .....	400	12,624	1.02	.81	9.75	142.1	35.87
Floyd.....	179	12,643	1.15	.91	10.02	142.6	36.07
Harlan .....	81	12,657	.96	.75	8.12	141.2	35.73
Knott.....	17	12,688	1.03	.81	9.53	138.5	35.14
Pike .....	123	12,566	.86	.69	10.45	142.4	35.78
West Virginia.....	9	12,199	.79	.65	11.00	142.9	34.86
Kanawha.....	9	12,199	.79	.65	11.00	142.9	34.86
<b>Duke Power Co Marshall</b>	<b>4,256</b>	<b>12,368</b>	<b>.82</b>	<b>.66</b>	<b>10.81</b>	<b>131.1</b>	<b>32.42</b>
Kentucky .....	1,471	12,463	.95	.76	9.46	128.6	32.05
Clay.....	11	12,322	.92	.75	9.70	123.5	30.44
Floyd.....	130	12,432	.94	.76	9.72	131.5	32.69
Harlan .....	568	12,621	.95	.75	8.34	127.2	32.11
Knott.....	19	12,132	1.05	.87	11.93	124.7	30.26
Letcher.....	10	11,693	.98	.84	14.60	124.4	29.09
Martin .....	216	12,111	1.03	.85	10.46	126.7	30.68
Perry.....	90	12,680	.81	.64	8.46	125.9	31.93
Pike .....	427	12,432	.94	.75	10.33	131.4	32.68
Virginia .....	58	12,543	.84	.67	10.24	132.9	33.35
Dickenson.....	12	12,818	.71	.55	11.60	122.1	31.30
Tazewell.....	10	12,853	.64	.50	11.20	158.5	40.74
Wise .....	36	12,365	.93	.75	9.51	129.3	31.98
West Virginia.....	2,727	12,312	.75	.61	11.55	132.4	32.61
Boone.....	244	11,180	.73	.65	17.69	116.6	26.06
Kanawha.....	41	12,334	.77	.62	11.50	127.0	31.33
Logan.....	42	12,439	.73	.58	11.80	127.2	31.65
Mingo.....	2,040	12,460	.73	.58	10.97	134.8	33.58
Raleigh.....	31	11,461	1.13	.99	20.72	105.9	24.28
Wayne.....	329	12,295	.87	.71	9.75	132.1	32.48
<b>Duke Power Co Riverbend</b>	<b>588</b>	<b>12,449</b>	<b>.93</b>	<b>.75</b>	<b>10.23</b>	<b>136.6</b>	<b>34.02</b>

See footnotes at end of table.

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



**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Duke Power Co Riverbend</b>							
Kentucky .....	495	12,490	0.94	0.75	10.02	136.8	34.18
Floyd .....	44	12,650	.96	.76	9.31	130.9	33.13
Harlan .....	152	12,639	1.00	.79	8.93	137.1	34.66
Knott .....	73	12,375	.94	.76	10.41	133.6	33.06
Letcher .....	8	11,829	.84	.71	12.70	132.7	31.39
Perry .....	100	12,373	.88	.71	10.72	135.6	33.56
Pike .....	118	12,453	.92	.74	10.69	142.1	35.38
Virginia .....	37	12,250	.95	.78	10.25	137.6	33.71
Wise .....	37	12,250	.95	.78	10.25	137.6	33.71
West Virginia .....	56	12,225	.84	.69	12.07	134.2	32.82
Boone .....	37	12,604	.80	.63	9.23	136.3	34.37
Kanawha .....	10	12,242	.80	.65	11.60	135.7	33.22
Raleigh .....	9	10,651	1.08	1.01	24.30	122.0	25.99
<b>Duquesne Light Co Cheswick .....</b>	<b>1,172</b>	<b>12,982</b>	<b>1.84</b>	<b>1.41</b>	<b>8.28</b>	<b>116.6</b>	<b>30.29</b>
Pennsylvania .....	901	13,020	2.00	1.53	8.27	114.2	29.73
Allegheny .....	13	12,062	1.45	1.20	8.71	118.2	28.51
Fayette .....	406	12,733	1.73	1.36	8.97	130.0	33.11
Greene .....	482	13,288	2.24	1.68	7.67	101.3	26.92
West Virginia .....	271	12,855	1.30	1.01	8.28	125.0	32.14
Fayette .....	271	12,855	1.30	1.01	8.28	125.0	32.14
<b>Duquesne Light Co Elrama .....</b>	<b>870</b>	<b>12,224</b>	<b>2.21</b>	<b>1.81</b>	<b>13.01</b>	<b>183.5</b>	<b>44.86</b>
Pennsylvania .....	788	12,170	2.30	1.89	13.50	189.8	46.21
Allegheny .....	3	11,317	1.37	1.21	8.64	106.0	23.99
Greene .....	744	12,203	2.30	1.88	13.40	194.9	47.58
Washington .....	41	11,629	2.35	2.02	15.70	98.9	23.00
West Virginia .....	82	12,741	1.34	1.05	8.33	125.0	31.86
Fayette .....	82	12,741	1.34	1.05	8.33	125.0	31.86
<b>East Kentucky Power Coop Inc Cooper .....</b>	<b>810</b>	<b>12,419</b>	<b>1.24</b>	<b>1.00</b>	<b>10.00</b>	<b>108.1</b>	<b>26.86</b>
Kentucky .....	810	12,419	1.24	1.00	10.00	108.1	26.86
Breathitt .....	11	11,402	1.41	1.24	14.08	100.3	22.87
Clay .....	212	12,065	1.07	.89	10.87	110.8	26.73
Floyd .....	31	12,995	1.02	.79	7.17	129.9	33.76
Laurel .....	4	11,552	1.54	1.33	11.95	100.5	23.22
Owsley .....	14	12,700	1.71	1.35	7.90	105.7	26.85
Perry .....	190	12,474	1.22	.98	10.34	113.1	28.22
Pulaski .....	339	12,590	1.34	1.06	9.51	102.1	25.70
Whitley .....	9	12,332	1.24	1.01	7.73	112.4	27.73
<b>East Kentucky Power Coop Inc Dale .....</b>	<b>536</b>	<b>12,224</b>	<b>.82</b>	<b>.67</b>	<b>10.23</b>	<b>113.7</b>	<b>27.80</b>
Kentucky .....	536	12,224	.82	.67	10.23	113.7	27.80
Breathitt .....	126	11,931	.89	.75	10.83	110.6	26.39
Clay .....	104	12,126	.87	.72	11.22	111.6	27.08
Lawrence .....	1	11,854	.98	.83	10.80	113.2	26.84
Perry .....	303	12,382	.78	.63	9.63	115.7	28.66
Unknown <sup>2</sup> .....	2	12,132	.89	.74	10.06	100.1	24.29
<b>East Kentucky Power Coop Inc Spurlock .....</b>	<b>2,592</b>	<b>12,343</b>	<b>.76</b>	<b>.62</b>	<b>10.86</b>	<b>115.2</b>	<b>28.43</b>
Kentucky .....	1,326	12,493	.74	.59	10.37	115.7	28.91
Boyd .....	321	12,400	.75	.60	10.17	116.2	28.83
Breathitt .....	351	12,169	.67	.55	13.25	112.4	27.36
Floyd .....	15	11,949	.98	.82	11.90	107.7	25.74
Greenup .....	213	12,400	.88	.71	12.23	109.0	27.03
Letcher .....	153	12,771	.75	.59	8.21	119.1	30.41
Perry .....	152	13,255	.73	.55	5.42	124.4	32.97
Pike .....	113	12,638	.65	.52	7.75	120.5	30.45
Pennsylvania .....	69	12,983	1.52	1.17	7.06	107.9	28.02
Greene .....	36	13,060	1.60	1.23	7.51	112.7	29.43
Lackawanna .....	33	12,899	1.44	1.11	6.58	102.7	26.50
West Virginia .....	1,197	12,140	.74	.61	11.61	115.0	27.93
Boone .....	176	12,586	.81	.64	9.66	113.4	28.54
Fayette .....	364	12,056	.81	.67	13.48	108.3	26.11
Kanawha .....	113	12,129	.75	.62	12.01	118.9	28.85
Mingo .....	109	12,086	.67	.56	11.27	117.9	28.49
Raleigh .....	3	11,564	.81	.70	14.80	110.5	25.56
Wayne .....	432	12,050	.66	.55	10.79	119.7	28.84

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Electric Energy Inc Joppa</b> .....	<b>4,935</b>	<b>8,742</b>	<b>0.24</b>	<b>0.27</b>	<b>4.56</b>	<b>87.4</b>	<b>15.28</b>
Wyoming.....	4,935	8,742	.24	.27	4.56	87.4	15.28
Campbell.....	4,395	8,727	.24	.27	4.52	87.5	15.28
Converse.....	540	8,864	.22	.25	4.91	86.4	15.32
<b>Empire District Electric Co Riverton</b> .....	<b>327</b>	<b>9,524</b>	<b>.84</b>	<b>.88</b>	<b>5.69</b>	<b>115.6</b>	<b>22.03</b>
Oklahoma.....	66	12,321	3.34	2.71	11.21	118.8	29.27
Craig.....	66	12,321	3.34	2.71	11.21	118.8	29.27
Utah.....	3	12,425	.45	.36	8.31	147.6	36.68
Emery.....	3	12,425	.45	.36	8.31	147.6	36.68
Wyoming.....	258	8,777	.21	.24	4.25	114.0	20.01
Campbell.....	258	8,777	.21	.24	4.25	114.0	20.01
<b>Empire District Electric Co Asbury</b> .....	<b>777</b>	<b>9,196</b>	<b>.54</b>	<b>.58</b>	<b>5.50</b>	<b>103.6</b>	<b>19.05</b>
Kansas.....	2	10,900	3.50	3.21	17.50	123.6	26.94
Linn.....	2	10,900	3.50	3.21	17.50	123.6	26.94
Missouri.....	69	11,673	3.24	2.78	12.50	118.8	27.74
Barton.....	69	11,673	3.24	2.78	12.50	118.8	27.74
Oklahoma.....	15	12,121	3.40	2.80	13.70	130.5	31.63
Craig.....	15	12,121	3.40	2.80	13.70	130.5	31.63
Utah.....	16	12,441	.45	.36	8.22	138.3	34.41
Emery.....	16	12,441	.45	.36	8.22	138.3	34.41
Wyoming.....	674	8,795	.19	.21	4.49	99.4	17.48
Campbell.....	674	8,795	.19	.21	4.49	99.4	17.48
<b>Florida Power Corp Crystal River</b> .....	<b>3,466</b>	<b>12,702</b>	<b>.90</b>	<b>.71</b>	<b>8.73</b>	<b>175.0</b>	<b>44.46</b>
Kentucky.....	2,618	12,786	.96	.75	8.45	166.3	42.54
Floyd.....	30	12,568	1.11	.89	10.80	165.7	41.66
Harlan.....	126	12,779	.87	.68	7.57	158.9	40.61
Knott.....	439	12,593	.91	.73	8.81	171.8	43.26
Letcher.....	612	12,951	1.13	.88	7.79	164.7	42.67
Pike.....	1,413	12,780	.90	.70	8.65	166.1	42.45
Virginia.....	848	12,441	.73	.59	9.60	202.5	50.38
Dickenson.....	10	13,598	.72	.53	6.82	164.8	44.81
Lee.....	839	12,427	.73	.59	9.63	203.0	50.45
<b>Florida Power Corp IMT Transfer<sup>3</sup></b> .....	<b>1,980</b>	<b>12,609</b>	<b>.73</b>	<b>.58</b>	<b>9.49</b>	<b>166.8</b>	<b>42.05</b>
Kentucky.....	814	12,735	.76	.60	8.52	165.2	42.08
Floyd.....	100	12,340	.67	.54	9.76	182.6	45.06
Knott.....	335	12,700	.88	.70	8.33	154.5	39.26
Pike.....	378	12,871	.68	.53	8.36	170.1	43.79
West Virginia.....	1,067	12,488	.71	.57	10.55	167.3	41.79
Boone.....	619	12,605	.73	.58	10.64	168.2	42.42
Kanawha.....	115	12,220	.68	.56	11.33	146.6	35.83
Mingo.....	101	12,393	.74	.59	11.08	149.5	37.06
Wayne.....	232	12,351	.67	.54	9.72	182.7	45.12
Imported.....	99	12,867	.70	.55	5.99	173.4	44.63
Imported Coal.....	99	12,867	.70	.55	5.99	173.4	44.63
<b>Fremont City of Wright</b> .....	<b>249</b>	<b>8,778</b>	<b>.20</b>	<b>.22</b>	<b>4.47</b>	<b>92.0</b>	<b>16.15</b>
Wyoming.....	249	8,778	.20	.22	4.47	92.0	16.15
Campbell.....	249	8,778	.20	.22	4.47	92.0	16.15
<b>Gainesville Regional Util Deerhaven</b> .....	<b>557</b>	<b>13,074</b>	<b>.64</b>	<b>.49</b>	<b>7.09</b>	<b>165.2</b>	<b>43.19</b>
Kentucky.....	547	13,066	.64	.49	7.10	165.3	43.20
Clay.....	30	13,043	.77	.59	7.27	156.4	40.81
Pike.....	517	13,067	.63	.48	7.09	165.9	43.34
Virginia.....	10	13,532	.68	.50	6.65	155.8	42.17
Dickenson.....	10	13,532	.68	.50	6.65	155.8	42.17
<b>Georgia Power Co Arkwright</b> .....	<b>124</b>	<b>12,930</b>	<b>1.72</b>	<b>1.33</b>	<b>9.00</b>	<b>166.3</b>	<b>43.01</b>
Virginia.....	76	12,906	1.77	1.37	10.15	158.1	40.81
Dickenson.....	54	13,100	1.63	1.24	8.97	161.5	42.31
Wise.....	21	12,410	2.13	1.71	13.15	149.0	36.97
West Virginia.....	48	12,967	1.66	1.28	7.21	179.1	46.45
Mingo.....	48	12,967	1.66	1.28	7.21	179.1	46.45
<b>Georgia Power Co Atkinson-Mcdonoug</b> .....	<b>1,260</b>	<b>13,010</b>	<b>1.04</b>	<b>.80</b>	<b>7.44</b>	<b>143.2</b>	<b>37.27</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Georgia Power Co Atkinson-McDonoug</b>							
Kentucky .....	1,260	13,010	1.04	0.80	7.44	143.2	37.27
Harlan .....	20	12,736	1.32	1.04	8.94	136.2	34.69
Leslie .....	32	13,058	1.01	.77	7.29	139.1	36.33
Perry .....	1,208	13,013	1.04	.80	7.42	143.5	37.34
<b>Georgia Power Co Bowen</b>	<b>8,022</b>	<b>12,327</b>	<b>.88</b>	<b>.71</b>	<b>11.12</b>	<b>143.7</b>	<b>35.42</b>
Kentucky .....	6,366	12,528	.92	.73	9.82	145.9	36.56
Harlan .....	225	12,601	1.07	.85	8.67	137.5	34.64
Leslie .....	358	12,685	1.04	.82	8.68	139.3	35.35
Letcher .....	221	12,323	.95	.77	9.86	137.5	33.88
Perry .....	5,378	12,545	.89	.71	9.78	147.3	36.96
Pike .....	184	11,878	1.13	.95	14.42	137.2	32.59
West Virginia .....	1,656	11,555	.72	.62	16.15	134.4	31.05
Boone .....	190	11,182	.72	.65	18.20	132.7	29.68
Mingo .....	1,344	11,651	.69	.59	15.30	135.4	31.55
Raleigh .....	111	10,926	1.07	.98	23.60	123.7	27.03
<b>Georgia Power Co Hammond</b>	<b>1,720</b>	<b>12,847</b>	<b>.83</b>	<b>.64</b>	<b>9.57</b>	<b>146.3</b>	<b>37.60</b>
Kentucky .....	1,259	12,849	.84	.65	9.36	145.7	37.44
Bell .....	273	12,981	1.08	.83	7.35	145.3	37.72
Harlan .....	877	12,829	.74	.58	9.77	144.1	36.97
Martin .....	13	12,004	1.35	1.12	12.55	145.9	35.03
Pike .....	96	12,770	.94	.74	10.88	161.7	41.31
Virginia .....	235	12,647	.93	.74	11.62	155.8	39.40
Wise .....	235	12,647	.93	.74	11.62	155.8	39.40
West Virginia .....	226	13,046	.67	.51	8.62	140.3	36.61
Mingo .....	226	13,046	.67	.51	8.62	140.3	36.61
<b>Georgia Power Co Harlee Branch</b>	<b>3,004</b>	<b>12,411</b>	<b>1.24</b>	<b>1.00</b>	<b>10.35</b>	<b>158.5</b>	<b>39.33</b>
Kentucky .....	3,004	12,411	1.24	1.00	10.35	158.5	39.33
Knott .....	917	12,601	1.00	.80	10.57	173.5	43.73
Leslie .....	223	12,690	1.02	.80	8.56	157.1	39.87
Perry .....	1,864	12,285	1.38	1.13	10.45	151.0	37.11
<b>Georgia Power Co Mitchell</b>	<b>243</b>	<b>12,786</b>	<b>1.23</b>	<b>.96</b>	<b>8.84</b>	<b>180.3</b>	<b>46.11</b>
Kentucky .....	243	12,786	1.23	.96	8.84	180.3	46.11
Harlan .....	243	12,786	1.23	.96	8.84	180.3	46.11
<b>Georgia Power Co Scherer</b>	<b>11,219</b>	<b>10,267</b>	<b>.46</b>	<b>.45</b>	<b>7.20</b>	<b>171.1</b>	<b>35.14</b>
Kentucky .....	1,199	12,938	.65	.50	8.60	179.5	46.45
Harlan .....	787	13,119	.65	.50	7.82	160.5	42.12
Pike .....	412	12,592	.65	.51	10.10	217.3	54.73
Virginia .....	1,442	12,825	.68	.53	9.84	159.7	40.95
Lee .....	1,108	12,736	.66	.52	10.06	159.1	40.53
Wise .....	334	13,119	.73	.55	9.12	161.5	42.38
West Virginia .....	1,756	12,334	.63	.51	11.14	228.8	56.43
Logan .....	170	12,823	.66	.52	9.86	160.4	41.14
Mingo .....	1,575	12,277	.63	.51	11.29	237.0	58.19
Wyoming .....	6,821	8,724	.34	.39	5.38	151.5	26.44
Campbell .....	6,821	8,724	.34	.39	5.38	151.5	26.44
<b>Georgia Power Co Wansley</b>	<b>4,415</b>	<b>12,397</b>	<b>1.00</b>	<b>.80</b>	<b>10.13</b>	<b>147.9</b>	<b>36.67</b>
Alabama .....	194	12,145	1.55	1.28	12.70	127.1	30.87
Fayette .....	194	12,145	1.55	1.28	12.70	127.1	30.87
Illinois .....	1,124	12,117	1.08	.89	6.55	149.0	36.10
Saline .....	1,124	12,117	1.08	.89	6.55	149.0	36.10
Kentucky .....	1,253	12,029	.96	.80	12.31	147.4	35.47
Bell .....	270	12,989	1.07	.83	7.29	151.7	39.41
Floyd .....	10	12,128	1.06	.87	11.61	133.5	32.38
Martin .....	69	12,035	1.38	1.15	12.71	160.2	38.56
Perry .....	776	11,559	.89	.77	14.45	144.8	33.46
Pike .....	128	12,840	.93	.72	9.79	147.4	37.85
Virginia .....	1,843	12,843	.91	.71	10.56	149.7	38.45
Buchanan .....	27	13,105	.79	.60	8.01	149.3	39.14
Wise .....	1,816	12,840	.91	.71	10.60	149.7	38.44
<b>Georgia Power Co Yates</b>	<b>2,496</b>	<b>12,842</b>	<b>.92</b>	<b>.71</b>	<b>10.30</b>	<b>147.5</b>	<b>37.89</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Georgia Power Co Yates</b>							
Kentucky .....	446	12,753	0.84	0.66	9.67	151.5	38.64
Bell .....	43	12,746	1.17	.92	8.44	151.4	38.59
Harlan .....	329	12,905	.72	.56	9.40	149.8	38.67
Martin .....	73	12,071	1.18	.98	11.58	159.6	38.53
Virginia .....	1,894	12,852	.95	.74	10.57	146.7	37.70
Lee .....	9	13,442	.57	.42	5.11	163.2	43.87
Wise .....	1,885	12,849	.95	.74	10.60	146.6	37.67
West Virginia .....	156	12,979	.79	.61	8.78	146.2	37.94
Mingo .....	156	12,979	.79	.61	8.78	146.2	37.94
<b>Grand Haven City of J B Simms</b>	<b>156</b>	<b>11,068</b>	<b>2.32</b>	<b>2.09</b>	<b>10.22</b>	<b>132.1</b>	<b>29.24</b>
Indiana .....	156	11,068	2.32	2.09	10.22	132.1	29.24
Greene .....	156	11,068	2.32	2.09	10.22	132.1	29.24
<b>Grand Island City of Platte</b>	<b>375</b>	<b>8,299</b>	<b>.37</b>	<b>.45</b>	<b>5.42</b>	<b>65.0</b>	<b>10.80</b>
Wyoming .....	375	8,299	.37	.45	5.42	65.0	10.80
Campbell .....	375	8,299	.37	.45	5.42	65.0	10.80
<b>Grand River Dam Authority GRDA 1</b>	<b>3,949</b>	<b>8,558</b>	<b>.43</b>	<b>.50</b>	<b>5.46</b>	<b>85.7</b>	<b>14.68</b>
Oklahoma .....	112	12,993	3.91	3.01	9.18	101.7	26.43
Rogers .....	112	12,993	3.91	3.01	9.18	101.7	26.43
Wyoming .....	3,837	8,429	.33	.39	5.35	85.0	14.33
Campbell .....	3,837	8,429	.33	.39	5.35	85.0	14.33
<b>Gulf Power Co Crist</b>	<b>2,415</b>	<b>12,179</b>	<b>.98</b>	<b>.80</b>	<b>6.48</b>	<b>143.9</b>	<b>35.05</b>
Illinois .....	2,167	12,127	1.01	.84	6.47	143.6	34.83
Christian .....	37	12,206	1.00	.82	6.10	148.2	36.18
Jefferson .....	253	12,100	.87	.72	6.32	146.9	35.55
Saline .....	1,775	12,128	1.04	.85	6.50	142.9	34.67
White .....	101	12,148	.97	.80	6.60	145.0	35.23
Imported .....	248	12,633	.67	.53	6.55	146.6	37.05
Imported Coal .....	248	12,633	.67	.53	6.55	146.6	37.05
<b>Gulf Power Co Scholtz</b>	<b>165</b>	<b>12,385</b>	<b>.82</b>	<b>.66</b>	<b>6.79</b>	<b>164.8</b>	<b>40.82</b>
Kentucky .....	106	12,662	.97	.77	8.50	169.2	42.84
Harlan .....	106	12,662	.97	.77	8.50	169.2	42.84
Imported .....	58	11,881	.55	.46	3.67	156.3	37.14
Imported Coal .....	58	11,881	.55	.46	3.67	156.3	37.14
<b>Gulf Power Co Smith</b>	<b>968</b>	<b>12,347</b>	<b>2.47</b>	<b>2.00</b>	<b>9.35</b>	<b>136.8</b>	<b>33.77</b>
Alabama .....	72	11,960	2.22	1.86	14.16	133.0	31.80
Walker .....	72	11,960	2.22	1.86	14.16	133.0	31.80
Illinois .....	727	12,456	2.48	1.99	8.59	137.4	34.23
Gallatin .....	434	12,681	2.76	2.18	9.41	135.5	34.37
Saline .....	187	12,344	1.57	1.27	7.18	144.6	35.69
White .....	106	11,725	2.97	2.53	7.69	132.5	31.08
Kentucky .....	165	12,050	2.56	2.12	10.73	135.6	32.68
Hopkins .....	29	11,720	2.92	2.49	9.50	137.9	32.32
Union .....	14	11,669	2.82	2.42	9.20	125.4	29.27
Webster .....	122	12,172	2.44	2.01	11.20	136.2	33.16
Imported .....	3	11,890	.55	.46	3.70	129.4	30.77
Imported Coal .....	3	11,890	.55	.46	3.70	129.4	30.77
<b>Gulf States Utilities Co Nelson</b>	<b>2,343</b>	<b>8,629</b>	<b>.45</b>	<b>.53</b>	<b>5.80</b>	<b>129.6</b>	<b>22.37</b>
Wyoming .....	2,343	8,629	.45	.53	5.80	129.6	22.37
Campbell .....	2,343	8,629	.45	.53	5.80	129.6	22.37
<b>Hamilton City of Hamilton</b>	<b>138</b>	<b>12,404</b>	<b>.92</b>	<b>.74</b>	<b>9.88</b>	<b>144.5</b>	<b>35.84</b>
Kentucky .....	127	12,390	.76	.61	9.89	145.7	36.12
Letcher .....	116	12,393	.76	.61	9.75	145.0	35.93
Pike .....	11	12,363	.72	.58	11.40	153.8	38.02
Ohio .....	11	12,563	2.84	2.26	9.77	129.7	32.59
Belmont .....	11	12,563	2.84	2.26	9.77	129.7	32.59
<b>Hastings City of Hastings</b>	<b>399</b>	<b>8,307</b>	<b>.34</b>	<b>.41</b>	<b>5.47</b>	<b>64.1</b>	<b>10.66</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Hastings City of Hastings</b>							
Wyoming .....	399	8,307	0.34	0.41	5.47	64.1	10.66
Campbell.....	399	8,307	.34	.41	5.47	64.1	10.66
<b>Holland City of James De Young</b> .....	<b>169</b>	<b>13,080</b>	<b>.85</b>	<b>.65</b>	<b>6.70</b>	<b>156.7</b>	<b>40.99</b>
Kentucky.....	169	13,080	.85	.65	6.70	156.7	40.99
Pike.....	169	13,080	.85	.65	6.70	156.7	40.99
<b>Holyoke Water Power Co Mount Tom</b> .....	<b>324</b>	<b>13,218</b>	<b>.90</b>	<b>.68</b>	<b>7.05</b>	<b>173.6</b>	<b>45.90</b>
Kentucky.....	201	13,140	.75	.57	7.12	181.4	47.67
Pike.....	201	13,140	.75	.57	7.12	181.4	47.67
Pennsylvania.....	73	13,273	1.32	.99	6.53	161.8	42.95
Washington.....	73	13,273	1.32	.99	6.53	161.8	42.95
West Virginia.....	50	13,452	.92	.68	7.54	160.0	43.04
Boone.....	34	13,610	.87	.64	7.66	162.8	44.30
Upshur.....	16	13,120	1.02	.78	7.30	153.9	40.37
<b>Hoosier Energy R E C Inc Merom</b> .....	<b>3,236</b>	<b>11,168</b>	<b>3.20</b>	<b>2.87</b>	<b>10.51</b>	<b>121.9</b>	<b>27.24</b>
Indiana.....	3,236	11,168	3.20	2.87	10.51	121.9	27.24
Clay.....	24	11,054	3.06	2.77	10.42	122.7	27.12
Daviess.....	286	11,151	3.05	2.74	9.62	100.4	22.40
Greene.....	27	10,928	3.88	3.55	12.37	87.3	19.08
Knox.....	1,066	10,987	2.67	2.43	10.45	117.9	25.92
Pike.....	1,229	11,373	4.06	3.57	10.95	126.3	28.73
Sullivan.....	604	11,092	2.45	2.21	10.07	131.5	29.17
<b>Hoosier Energy R E C Inc Frank E Ratts</b> .....	<b>624</b>	<b>11,173</b>	<b>1.35</b>	<b>1.21</b>	<b>7.99</b>	<b>133.6</b>	<b>29.84</b>
Indiana.....	624	11,173	1.35	1.21	7.99	133.6	29.84
Pike.....	624	11,173	1.35	1.21	7.99	133.6	29.84
<b>Houston Lighting &amp; Power Co Limestone</b> .....	<b>8,938</b>	<b>6,592</b>	<b>1.05</b>	<b>1.59</b>	<b>17.06</b>	<b>102.9</b>	<b>13.56</b>
Texas.....	8,938	6,592	1.05	1.59	17.06	102.9	13.56
Leon.....	8,938	6,592	1.05	1.59	17.06	102.9	13.56
<b>Houston Lighting &amp; Power Co Parish</b> .....	<b>11,121</b>	<b>8,625</b>	<b>.36</b>	<b>.42</b>	<b>5.21</b>	<b>170.9</b>	<b>29.49</b>
Wyoming.....	11,121	8,625	.36	.42	5.21	170.9	29.49
Campbell.....	11,121	8,625	.36	.42	5.21	170.9	29.49
<b>IES Utilities Co 6th St</b> .....	<b>177</b>	<b>10,302</b>	<b>.59</b>	<b>.57</b>	<b>4.96</b>	<b>149.7</b>	<b>30.84</b>
Illinois.....	61	12,057	1.06	.88	6.50	158.2	38.15
Jefferson.....	61	12,057	1.06	.88	6.50	158.2	38.15
Montana.....	116	9,381	.34	.36	4.16	143.9	27.01
Big Horn.....	116	9,381	.34	.36	4.16	143.9	27.01
<b>IES Utilities Co Burlington</b> .....	<b>690</b>	<b>8,304</b>	<b>.43</b>	<b>.52</b>	<b>5.48</b>	<b>79.5</b>	<b>13.21</b>
Wyoming.....	690	8,304	.43	.52	5.48	79.5	13.21
Campbell.....	690	8,304	.43	.52	5.48	79.5	13.21
<b>IES Utilities Co Ottumwa</b> .....	<b>3,191</b>	<b>8,390</b>	<b>.33</b>	<b>.40</b>	<b>5.75</b>	<b>85.6</b>	<b>14.36</b>
Wyoming.....	3,191	8,390	.33	.40	5.75	85.6	14.36
Campbell.....	3,191	8,390	.33	.40	5.75	85.6	14.36
<b>IES Utilities Co Prairie Creek 1-4</b> .....	<b>967</b>	<b>8,489</b>	<b>.34</b>	<b>.40</b>	<b>5.52</b>	<b>85.3</b>	<b>14.49</b>
Wyoming.....	967	8,489	.34	.40	5.52	85.3	14.49
Campbell.....	967	8,489	.34	.40	5.52	85.3	14.49
<b>IES Utilities Co Sutherland</b> .....	<b>575</b>	<b>8,779</b>	<b>.36</b>	<b>.41</b>	<b>5.55</b>	<b>77.5</b>	<b>13.61</b>
Wyoming.....	575	8,779	.36	.41	5.55	77.5	13.61
Campbell.....	534	8,631	.35	.40	5.52	74.0	12.77
Carbon.....	40	10,750	.62	.57	5.98	115.2	24.77
<b>Illinois Power Co Baldwin</b> .....	<b>3,911</b>	<b>10,676</b>	<b>2.77</b>	<b>2.59</b>	<b>10.16</b>	<b>105.2</b>	<b>22.46</b>
Illinois.....	3,764	10,748	2.87	2.67	10.37	105.5	22.67
Perry.....	875	10,970	2.77	2.52	9.67	108.6	23.82
Washington.....	2,889	10,681	2.90	2.71	10.58	104.5	22.32

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Illinois Power Co Baldwin</b>							
Wyoming.....	147	8,848	0.21	0.24	4.69	95.7	16.93
Campbell.....	147	8,848	.21	.24	4.69	95.7	16.93
<b>Illinois Power Co Havana</b> .....	<b>765</b>	<b>11,656</b>	<b>.51</b>	<b>.44</b>	<b>9.34</b>	<b>139.5</b>	<b>32.52</b>
Colorado.....	427	11,732	.51	.44	9.33	140.4	32.94
Gunnison.....	427	11,732	.51	.44	9.33	140.4	32.94
Utah.....	338	11,560	.50	.43	9.35	138.4	31.99
Carbon.....	338	11,560	.50	.43	9.35	138.4	31.99
<b>Illinois Power Co Hennepin</b> .....	<b>526</b>	<b>10,474</b>	<b>2.17</b>	<b>2.07</b>	<b>9.19</b>	<b>118.8</b>	<b>24.88</b>
Illinois.....	295	10,696	2.94	2.74	10.17	118.7	25.39
Logan.....	10	10,500	3.25	3.10	10.00	155.3	32.61
Macoupin.....	22	10,737	3.46	3.22	8.01	137.8	29.59
Washington.....	262	10,700	2.88	2.69	10.36	115.6	24.75
Kentucky.....	102	12,031	2.24	1.86	11.04	125.2	30.11
Union.....	19	11,509	2.90	2.52	9.14	113.0	26.02
Webster.....	83	12,148	2.09	1.72	11.47	127.8	31.04
Wyoming.....	128	8,724	.34	.39	5.47	112.0	19.54
Campbell.....	128	8,724	.34	.39	5.47	112.0	19.54
<b>Illinois Power Co Vermilion</b> .....	<b>314</b>	<b>10,733</b>	<b>1.29</b>	<b>1.20</b>	<b>9.28</b>	<b>105.3</b>	<b>22.60</b>
Illinois.....	314	10,733	1.29	1.20	9.28	105.3	22.60
Vermilion.....	314	10,733	1.29	1.20	9.28	105.3	22.60
<b>Illinois Power Co Wood River</b> .....	<b>687</b>	<b>11,788</b>	<b>.72</b>	<b>.61</b>	<b>8.11</b>	<b>135.9</b>	<b>32.04</b>
Colorado.....	404	11,796	.52	.44	9.09	138.4	32.66
Gunnison.....	404	11,796	.52	.44	9.09	138.4	32.66
Illinois.....	283	11,777	1.01	.86	6.72	132.3	31.17
Jefferson.....	230	12,122	.92	.76	6.36	132.7	32.18
Macoupin.....	54	10,299	1.39	1.35	8.23	130.3	26.85
<b>Independence City of Blue Valley</b> .....	<b>142</b>	<b>10,695</b>	<b>3.54</b>	<b>3.31</b>	<b>16.57</b>	<b>132.2</b>	<b>28.28</b>
Illinois.....	15	11,245	2.39	2.13	10.17	193.2	43.46
Jackson.....	15	11,245	2.39	2.13	10.17	193.2	43.46
Missouri.....	128	10,632	3.67	3.45	17.31	124.8	26.53
Bates.....	128	10,632	3.67	3.45	17.31	124.8	26.53
<b>Indiana Michigan Power Co Tanners Creek</b> .....	<b>2,402</b>	<b>12,268</b>	<b>1.04</b>	<b>.84</b>	<b>8.52</b>	<b>121.8</b>	<b>29.89</b>
Illinois.....	244	12,178	1.39	1.14	6.76	119.9	29.21
Saline.....	244	12,178	1.39	1.14	6.76	119.9	29.21
Kentucky.....	816	13,138	1.34	1.02	6.65	125.5	32.96
Letcher.....	703	13,245	1.44	1.09	6.21	126.3	33.46
Pike.....	113	12,468	.66	.53	9.36	119.9	29.91
Ohio.....	7	12,109	2.83	2.34	10.90	87.1	21.09
Harrison.....	7	12,109	2.83	2.34	10.90	87.1	21.09
Pennsylvania.....	52	12,976	2.01	1.55	7.28	105.5	27.39
Greene.....	52	12,976	2.01	1.55	7.28	105.5	27.39
Virginia.....	20	12,761	2.10	1.65	8.56	107.1	27.32
Buchanan.....	20	12,761	2.10	1.65	8.56	107.1	27.32
West Virginia.....	1,123	12,041	.78	.64	10.84	120.7	29.07
Boone.....	189	12,293	.70	.57	11.61	123.9	30.45
Fayette.....	12	12,128	.68	.56	11.45	120.6	29.25
Kanawha.....	48	12,074	.66	.55	13.57	111.3	26.88
Lincoln.....	4	11,845	.65	.55	11.10	115.6	27.39
Logan.....	1	11,815	.64	.54	11.60	114.7	27.10
Marshall.....	46	12,386	2.52	2.04	9.90	95.8	23.74
Mingo.....	585	11,931	.66	.56	10.70	122.8	29.29
Monongalia.....	23	13,240	2.19	1.66	6.73	102.1	27.05
Wayne.....	210	11,888	.65	.55	10.61	122.2	29.05
Unknown <sup>2</sup> .....	5	12,852	.69	.54	7.00	122.2	31.41
Wyoming.....	140	8,862	.17	.19	4.24	120.8	21.41
Campbell.....	131	8,863	.16	.18	4.16	121.9	21.61
Converse.....	9	8,839	.28	.32	5.40	104.6	18.49
<b>Indiana Michigan Power Co Rockport</b> .....	<b>9,402</b>	<b>9,274</b>	<b>.33</b>	<b>.36</b>	<b>5.61</b>	<b>108.5</b>	<b>20.13</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Indiana Michigan Power Co Rockport</b>							
Kentucky.....	1,022	12,146	0.84	0.69	11.44	115.3	28.00
Boyd.....	1	13,260	1.11	.84	6.00	136.3	36.15
Floyd.....	131	12,141	.90	.74	10.68	117.9	28.63
Martin.....	25	11,955	.83	.69	10.80	112.7	26.95
Pike.....	865	12,151	.83	.68	11.59	114.9	27.92
West Virginia.....	477	11,820	.81	.69	11.02	114.7	27.12
Boone.....	360	11,861	.83	.70	11.34	115.1	27.29
Mercer.....	15	8,661	.33	.38	5.60	104.1	18.03
Mingo.....	40	12,221	.85	.70	10.43	120.0	29.32
Wayne.....	62	12,099	.77	.64	10.90	111.2	26.91
Wyoming.....	7,903	8,748	.24	.27	4.53	106.8	18.69
Campbell.....	7,903	8,748	.24	.27	4.53	106.8	18.69
<b>Indiana-Kentucky Electric Corp Clifty Creek</b>	<b>5,060</b>	<b>9,970</b>	<b>.61</b>	<b>.61</b>	<b>5.59</b>	<b>114.5</b>	<b>22.82</b>
Ohio.....	382	10,803	4.12	3.81	13.41	108.7	23.48
Jackson.....	382	10,803	4.12	3.81	13.41	108.7	23.48
Virginia.....	977	13,886	.67	.48	5.55	158.1	43.90
Buchanan.....	977	13,886	.67	.48	5.55	158.1	43.90
West Virginia.....	8	13,139	3.04	2.31	7.20	110.0	28.91
Harrison.....	8	13,139	3.04	2.31	7.20	110.0	28.91
Wyoming.....	3,693	8,841	.22	.25	4.79	97.1	17.17
Campbell.....	2,187	8,859	.21	.24	4.43	97.5	17.28
Converse.....	1,506	8,815	.24	.27	5.31	96.5	17.01
<b>Indianapolis Power &amp; Light Co Stout</b>	<b>1,818</b>	<b>11,078</b>	<b>1.19</b>	<b>1.08</b>	<b>8.16</b>	<b>110.8</b>	<b>24.55</b>
Indiana.....	1,818	11,078	1.19	1.08	8.16	110.8	24.55
Greene.....	737	11,365	1.32	1.16	7.45	116.9	26.58
Sullivan.....	110	10,819	1.07	.99	8.93	104.6	22.63
Vigo.....	971	10,890	1.11	1.02	8.61	106.7	23.23
<b>Indianapolis Power &amp; Light Co Petersburg</b>	<b>5,607</b>	<b>11,187</b>	<b>2.82</b>	<b>2.52</b>	<b>9.21</b>	<b>91.4</b>	<b>20.44</b>
Indiana.....	5,607	11,187	2.82	2.52	9.21	91.4	20.44
Daviess.....	1,390	11,448	2.40	2.10	8.05	91.3	20.91
Gibson.....	1,149	11,216	2.77	2.47	9.84	86.4	19.38
Greene.....	5	11,367	1.23	1.08	7.60	113.1	25.71
Knox.....	1,050	11,241	2.70	2.40	9.01	83.9	18.85
Sullivan.....	5	10,933	1.00	.91	8.60	101.6	22.22
Vigo.....	5	10,943	1.08	.99	8.30	103.7	22.70
Warrick.....	2,003	10,962	3.20	2.92	9.76	98.2	21.54
<b>Indianapolis Power &amp; Light Co Pritchard</b>	<b>676</b>	<b>11,033</b>	<b>1.22</b>	<b>1.11</b>	<b>8.24</b>	<b>105.9</b>	<b>23.37</b>
Indiana.....	676	11,033	1.22	1.11	8.24	105.9	23.37
Greene.....	195	11,466	1.37	1.20	7.02	112.7	25.85
Sullivan.....	246	10,874	1.13	1.04	8.78	101.7	22.12
Vigo.....	235	10,840	1.19	1.10	8.69	104.4	22.64
<b>Interstate Power Co Dubuque</b>	<b>173</b>	<b>11,612</b>	<b>.81</b>	<b>.70</b>	<b>8.08</b>	<b>121.1</b>	<b>28.12</b>
Colorado.....	62	11,653	.50	.42	9.02	139.4	32.49
Mesa.....	62	11,653	.50	.42	9.02	139.4	32.49
Illinois.....	105	11,758	1.03	.88	7.68	111.3	26.17
Jefferson.....	105	11,758	1.03	.88	7.68	111.3	26.17
Wyoming.....	6	8,715	.34	.39	5.49	101.1	17.62
Campbell.....	6	8,715	.34	.39	5.49	101.1	17.62
<b>Interstate Power Co Lansing</b>	<b>1,093</b>	<b>8,813</b>	<b>.37</b>	<b>.42</b>	<b>5.87</b>	<b>101.2</b>	<b>17.84</b>
Illinois.....	43	11,243	1.08	.96	10.60	117.3	26.39
Jefferson.....	43	11,243	1.08	.96	10.60	117.3	26.39
Wyoming.....	1,049	8,712	.34	.39	5.68	100.4	17.49
Campbell.....	1,049	8,712	.34	.39	5.68	100.4	17.49
<b>Interstate Power Co Kapp</b>	<b>514</b>	<b>10,327</b>	<b>.43</b>	<b>.41</b>	<b>7.57</b>	<b>121.4</b>	<b>25.07</b>
Colorado.....	285	11,613	.50	.43	9.12	133.1	30.92
Gunnison.....	21	11,657	.47	.40	9.31	132.6	30.91
Mesa.....	264	11,610	.50	.43	9.10	133.2	30.92

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Interstate Power Co Kapp</b>							
Wyoming .....	229	8,721	0.33	0.38	5.65	101.9	17.77
Campbell.....	229	8,721	.33	.38	5.65	101.9	17.77
<b>Iowa-Illinois Gas&amp;Electric Co Riverside.....</b>	<b>452</b>	<b>8,435</b>	<b>.32</b>	<b>.37</b>	<b>5.13</b>	<b>85.8</b>	<b>14.47</b>
Wyoming .....	452	8,435	.32	.37	5.13	85.8	14.47
Campbell.....	452	8,435	.32	.37	5.13	85.8	14.47
<b>Iowa-Illinois Gas&amp;Electric Co Louisa .....</b>	<b>2,704</b>	<b>8,359</b>	<b>.34</b>	<b>.40</b>	<b>5.51</b>	<b>86.1</b>	<b>14.40</b>
Wyoming .....	2,704	8,359	.34	.40	5.51	86.1	14.40
Campbell.....	2,704	8,359	.34	.40	5.51	86.1	14.40
<b>Jacksonville Electric Auth St. Johns River .....</b>	<b>3,181</b>	<b>12,327</b>	<b>1.08</b>	<b>.87</b>	<b>8.37</b>	<b>155.1</b>	<b>38.23</b>
Kentucky.....	1,947	12,571	1.24	.99	8.93	161.4	40.59
Breathitt .....	10	12,739	1.11	.87	8.70	134.2	34.19
Harlan .....	1,011	12,836	1.40	1.09	9.05	173.6	44.56
Knott .....	28	12,605	1.12	.89	8.80	135.6	34.18
Letcher .....	286	12,991	1.32	1.02	7.73	133.6	34.70
Pike .....	285	12,097	1.31	1.09	12.47	162.9	39.42
Unknown <sup>2</sup> .....	327	11,794	.64	.54	6.54	149.3	35.22
Pennsylvania .....	93	12,954	1.84	1.42	6.94	138.5	35.87
Greene.....	93	12,954	1.84	1.42	6.94	138.5	35.87
West Virginia.....	57	13,146	2.18	1.66	7.70	134.3	35.32
Monongalia.....	57	13,146	2.18	1.66	7.70	134.3	35.32
Imported .....	1,083	11,791	.66	.56	7.51	145.7	34.35
Imported Coal.....	1,083	11,791	.66	.56	7.51	145.7	34.35
<b>Jamestown City of Samuel A Carlson .....</b>	<b>89</b>	<b>12,703</b>	<b>1.79</b>	<b>1.41</b>	<b>9.55</b>	<b>128.2</b>	<b>32.58</b>
Pennsylvania .....	89	12,703	1.79	1.41	9.55	128.2	32.58
Armstrong.....	20	12,957	2.40	1.85	8.00	125.9	32.63
Clarion .....	37	12,650	1.61	1.27	9.47	128.9	32.62
Clearfield .....	3	12,833	1.90	1.48	10.29	121.4	31.15
Elk.....	16	12,635	1.56	1.24	10.42	129.5	32.73
Jefferson.....	14	12,526	1.62	1.30	10.90	129.7	32.48
<b>Kansas City City of Quindaro .....</b>	<b>611</b>	<b>8,758</b>	<b>.32</b>	<b>.37</b>	<b>5.29</b>	<b>88.0</b>	<b>15.41</b>
Wyoming .....	611	8,758	.32	.37	5.29	88.0	15.41
Campbell.....	611	8,758	.32	.37	5.29	88.0	15.41
<b>Kansas City City of Nearman.....</b>	<b>789</b>	<b>8,244</b>	<b>.42</b>	<b>.51</b>	<b>5.28</b>	<b>67.1</b>	<b>11.07</b>
Wyoming .....	789	8,244	.42	.51	5.28	67.1	11.07
Campbell.....	789	8,244	.42	.51	5.28	67.1	11.07
<b>Kansas City Power &amp; Light Co Hawthorne .....</b>	<b>182</b>	<b>8,802</b>	<b>.27</b>	<b>.30</b>	<b>5.04</b>	<b>68.0</b>	<b>11.98</b>
Wyoming .....	182	8,802	.27	.30	5.04	68.0	11.98
Campbell.....	182	8,802	.27	.30	5.04	68.0	11.98
<b>Kansas City Power &amp; Light Co Iatan .....</b>	<b>2,912</b>	<b>8,733</b>	<b>.33</b>	<b>.37</b>	<b>5.49</b>	<b>74.1</b>	<b>12.94</b>
Wyoming .....	2,912	8,733	.33	.37	5.49	74.1	12.94
Campbell.....	2,912	8,733	.33	.37	5.49	74.1	12.94
<b>Kansas City Power &amp; Light Co La Cygne.....</b>	<b>5,469</b>	<b>8,640</b>	<b>.61</b>	<b>.70</b>	<b>6.30</b>	<b>67.8</b>	<b>11.71</b>
Kansas.....	400	10,950	4.06	3.71	19.59	103.8	22.73
Linn.....	400	10,950	4.06	3.71	19.59	103.8	22.73
Wyoming .....	5,069	8,458	.34	.40	5.25	64.1	10.84
Campbell.....	5,069	8,458	.34	.40	5.25	64.1	10.84
<b>Kansas City Power &amp; Light Co Montrose .....</b>	<b>1,752</b>	<b>8,780</b>	<b>.20</b>	<b>.23</b>	<b>4.58</b>	<b>90.6</b>	<b>15.90</b>
Wyoming .....	1,752	8,780	.20	.23	4.58	90.6	15.90
Campbell.....	1,752	8,780	.20	.23	4.58	90.6	15.90
<b>Kansas Power &amp; Light Co Lawrence .....</b>	<b>1,260</b>	<b>9,917</b>	<b>.38</b>	<b>.38</b>	<b>5.37</b>	<b>107.0</b>	<b>21.23</b>
Colorado.....	445	10,913	.45	.41	7.82	134.7	29.39
Moffat .....	178	10,321	.34	.33	5.50	120.0	24.77
Routt .....	267	11,307	.52	.46	9.37	143.6	32.47

See footnotes at end of table.

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



**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Kansas Power &amp; Light Co Lawrence</b>							
Montana .....	815	9,373	0.34	0.36	4.03	89.5	16.78
Big Horn .....	815	9,373	.34	.36	4.03	89.5	16.78
<b>Kansas Power &amp; Light Co Jeffrey Energy</b>	<b>8,889</b>	<b>8,380</b>	<b>.35</b>	<b>.41</b>	<b>4.78</b>	<b>110.6</b>	<b>18.54</b>
Wyoming .....	8,889	8,380	.35	.41	4.78	110.6	18.54
Campbell .....	8,889	8,380	.35	.41	4.78	110.6	18.54
<b>Kansas Power &amp; Light Co Tecumseh</b>	<b>646</b>	<b>9,708</b>	<b>.36</b>	<b>.38</b>	<b>4.92</b>	<b>103.1</b>	<b>20.01</b>
Colorado .....	142	10,928	.44	.40	8.02	138.9	30.37
Moffat .....	34	10,515	.34	.32	5.48	134.3	28.24
Routt .....	108	11,058	.47	.43	8.82	140.3	31.04
Montana .....	504	9,365	.34	.37	4.04	91.3	17.10
Big Horn .....	504	9,365	.34	.37	4.04	91.3	17.10
<b>Kentucky Power Co Big Sandy</b>	<b>3,218</b>	<b>12,215</b>	<b>1.11</b>	<b>.91</b>	<b>10.12</b>	<b>105.6</b>	<b>25.80</b>
Kentucky .....	3,134	12,220	1.11	.91	10.12	105.7	25.84
Bell .....	22	11,925	1.36	1.14	11.60	99.7	23.78
Boyd .....	90	12,146	.86	.71	10.77	92.7	22.52
Breathitt .....	20	11,666	1.28	1.09	11.55	100.9	23.55
Floyd .....	923	12,305	1.04	.85	10.23	113.6	27.95
Johnson .....	729	12,110	1.34	1.11	10.16	104.6	25.32
Lawrence .....	728	12,325	1.00	.81	9.29	98.6	24.30
Martin .....	383	12,150	1.11	.91	10.41	107.1	26.02
Perry .....	239	12,120	1.10	.91	11.12	104.6	25.36
West Virginia .....	84	12,016	.87	.72	10.36	101.1	24.30
Lincoln .....	17	12,011	.87	.72	10.36	101.0	24.26
Wayne .....	67	12,017	.87	.72	10.37	101.2	24.31
<b>Kentucky Utilities Co Green River</b>	<b>470</b>	<b>11,543</b>	<b>2.04</b>	<b>1.77</b>	<b>11.29</b>	<b>100.4</b>	<b>23.17</b>
Kentucky .....	470	11,543	2.04	1.77	11.29	100.4	23.17
Hopkins .....	453	11,577	2.02	1.75	11.22	100.9	23.37
Leslie .....	1	12,326	1.28	1.04	9.82	94.0	23.17
Muhlenberg .....	16	10,530	2.50	2.37	13.46	83.8	17.64
<b>Kentucky Utilities Co Brown</b>	<b>1,763</b>	<b>12,267</b>	<b>1.40</b>	<b>1.14</b>	<b>11.18</b>	<b>115.3</b>	<b>28.30</b>
Kentucky .....	1,443	12,088	1.31	1.09	12.12	114.5	27.68
Leslie .....	125	12,490	1.28	1.02	9.29	92.6	23.13
Letcher .....	9	13,112	1.86	1.42	7.40	118.5	31.08
Perry .....	1,310	12,042	1.31	1.09	12.42	116.6	28.09
Pennsylvania .....	319	13,081	1.77	1.35	6.94	118.9	31.10
Greene .....	319	13,081	1.77	1.35	6.94	118.9	31.10
<b>Kentucky Utilities Co Ghent</b>	<b>5,480</b>	<b>11,947</b>	<b>1.41</b>	<b>1.18</b>	<b>11.05</b>	<b>110.7</b>	<b>26.44</b>
Indiana .....	294	11,220	3.24	2.89	9.30	99.2	22.26
Gibson .....	13	11,231	3.39	3.02	9.60	99.8	22.42
Pike .....	281	11,220	3.24	2.88	9.29	99.2	22.25
Kentucky .....	693	11,769	1.44	1.22	11.57	107.2	25.24
Daviess .....	183	11,222	3.11	2.77	8.60	101.0	22.68
Floyd .....	258	11,563	.63	.55	14.88	113.8	26.31
Knott .....	52	12,082	.69	.57	12.10	120.2	29.04
Magoffin .....	63	12,302	2.14	1.74	10.30	78.4	19.29
Pike .....	137	12,524	.67	.54	9.69	111.7	27.98
West Virginia .....	4,190	12,251	1.36	1.11	11.57	112.1	27.46
Boone .....	311	12,563	.72	.57	10.89	119.5	30.01
Clay .....	152	12,427	.72	.58	11.75	115.7	28.77
Fayette .....	44	12,412	.65	.52	13.06	119.2	29.59
Kanawha .....	1,109	12,307	.68	.55	11.94	120.9	29.75
Logan .....	875	12,258	.67	.55	12.25	119.0	29.18
Marshall .....	924	12,181	3.77	3.09	11.09	86.6	21.09
Mingo .....	382	12,085	.69	.57	11.14	117.0	28.29
Wayne .....	325	11,997	.68	.56	10.62	118.4	28.41
Unknown <sup>2</sup> .....	68	12,440	.68	.55	11.90	117.4	29.21
Wyoming .....	304	8,856	.18	.20	4.40	108.2	19.16
Campbell .....	304	8,856	.18	.20	4.40	108.2	19.16
<b>Kentucky Utilities Co Tyrone</b>	<b>109</b>	<b>12,779</b>	<b>.85</b>	<b>.67</b>	<b>8.72</b>	<b>123.9</b>	<b>31.66</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Kentucky Utilities Co Tyrone</b>							
Kentucky.....	109	12,779	0.85	0.67	8.72	123.9	31.66
Perry.....	100	12,798	.85	.66	8.86	126.0	32.26
Unknown <sup>2</sup> .....	9	12,577	.91	.72	7.18	99.9	25.12
<b>Lakeland City of Plant 3-Mcintosh.....</b>	<b>790</b>	<b>12,798</b>	<b>1.40</b>	<b>1.09</b>	<b>8.90</b>	<b>173.8</b>	<b>44.48</b>
Kentucky.....	740	12,843	1.43	1.12	9.11	174.2	44.75
Harlan.....	617	12,858	1.39	1.08	9.00	174.8	44.96
Knott.....	67	13,091	1.20	.92	7.20	177.0	46.34
Pike.....	56	12,372	2.16	1.75	12.68	163.9	40.55
Virginia.....	18	13,124	1.14	.87	8.10	164.7	43.23
Dickenson.....	18	13,124	1.14	.87	8.10	164.7	43.23
Imported.....	32	11,570	.71	.61	4.50	168.1	38.90
Imported Coal.....	32	11,570	.71	.61	4.50	168.1	38.90
<b>Lansing City of Eckert.....</b>	<b>901</b>	<b>9,661</b>	<b>.41</b>	<b>.42</b>	<b>6.08</b>	<b>141.0</b>	<b>27.25</b>
Kentucky.....	177	12,707	.87	.69	8.39	161.4	41.01
Knott.....	12	12,775	.82	.64	7.84	154.1	39.37
Pike.....	165	12,702	.88	.69	8.43	161.9	41.13
West Virginia.....	24	12,333	.87	.70	9.16	154.2	38.04
Kanawha.....	4	12,352	.89	.72	9.42	153.5	37.93
Nicholas.....	2	12,827	.81	.63	4.00	152.6	39.15
Wayne.....	18	12,264	.87	.71	9.78	154.6	37.92
Wyoming.....	701	8,804	.27	.31	5.40	133.0	23.42
Converse.....	701	8,804	.27	.31	5.40	133.0	23.42
<b>Lansing City of Erickson.....</b>	<b>472</b>	<b>12,603</b>	<b>.87</b>	<b>.69</b>	<b>8.89</b>	<b>157.7</b>	<b>39.76</b>
Kentucky.....	414	12,647	.87	.69	8.78	158.4	40.07
Knott.....	30	12,840	.80	.62	7.82	153.4	39.39
Pike.....	384	12,632	.88	.70	8.86	158.8	40.13
West Virginia.....	53	12,583	.86	.68	10.09	153.7	38.69
Kanawha.....	32	12,454	.88	.70	10.06	152.2	37.92
Nicholas.....	21	12,782	.82	.64	10.13	156.0	39.87
Wyoming.....	4	8,838	.18	.21	4.94	132.3	23.38
Converse.....	4	8,838	.18	.21	4.94	132.3	23.38
<b>Los Angeles City of Intermountain.....</b>	<b>4,898</b>	<b>11,737</b>	<b>.51</b>	<b>.44</b>	<b>9.12</b>	<b>144.7</b>	<b>33.98</b>
Colorado.....	27	12,542	.55	.44	9.00	104.5	26.22
Gunnison.....	27	12,542	.55	.44	9.00	104.5	26.22
Utah.....	4,872	11,733	.51	.44	9.12	145.0	34.02
Carbon.....	4,277	11,649	.52	.45	9.24	152.2	35.45
Emery.....	595	12,334	.46	.37	8.32	96.3	23.75
<b>Louisville Gas &amp; Electric Co Cane Run.....</b>	<b>1,473</b>	<b>11,385</b>	<b>3.39</b>	<b>2.98</b>	<b>11.16</b>	<b>100.2</b>	<b>22.81</b>
Indiana.....	793	11,348	3.42	3.01	10.03	100.6	22.83
Pike.....	793	11,348	3.42	3.01	10.03	100.6	22.83
Kentucky.....	680	11,428	3.35	2.93	12.47	99.6	22.77
Hopkins.....	623	11,393	3.33	2.93	12.44	99.9	22.76
Webster.....	57	11,813	3.53	2.99	12.80	96.9	22.89
<b>Louisville Gas &amp; Electric Co Mill Creek.....</b>	<b>3,649</b>	<b>11,271</b>	<b>3.38</b>	<b>3.00</b>	<b>12.25</b>	<b>95.4</b>	<b>21.51</b>
Indiana.....	196	10,887	3.26	2.99	10.39	97.1	21.15
Warrick.....	196	10,887	3.26	2.99	10.39	97.1	21.15
Kentucky.....	3,203	11,230	3.34	2.98	12.38	96.2	21.60
Henderson.....	872	10,527	3.32	3.15	12.69	90.9	19.13
Hopkins.....	1,897	11,443	3.42	2.99	12.65	98.9	22.63
Magoffin.....	25	12,132	1.70	1.40	10.21	84.0	20.38
Union.....	244	11,582	2.94	2.53	9.38	93.6	21.69
Webster.....	165	11,845	3.47	2.93	12.47	96.5	22.86
Ohio.....	2	12,142	3.54	2.92	10.10	97.7	23.73
Monroe.....	2	12,142	3.54	2.92	10.10	97.7	23.73
West Virginia.....	249	12,091	3.90	3.22	12.06	85.6	20.71
Marshall.....	249	12,091	3.90	3.22	12.06	85.6	20.71
<b>Louisville Gas &amp; Electric Co Trimble County.....</b>	<b>1,667</b>	<b>11,213</b>	<b>3.34</b>	<b>2.98</b>	<b>14.47</b>	<b>89.5</b>	<b>20.08</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Louisville Gas &amp; Electric Co Trimble County</b>							
Indiana.....	40	11,077	3.48	3.14	10.22	95.1	21.07
Warrick.....	40	11,077	3.48	3.14	10.22	95.1	21.07
Kentucky.....	849	10,652	3.43	3.22	14.32	87.5	18.64
Henderson.....	754	10,626	3.62	3.41	13.68	88.6	18.82
Johnson.....	5	9,378	1.37	1.46	27.70	49.6	9.30
Magoffin.....	47	12,332	2.15	1.75	10.11	80.8	19.92
Martin.....	41	9,281	1.63	1.76	29.54	81.5	15.12
Unknown <sup>2</sup> .....	2	12,864	1.36	1.06	5.30	66.1	17.01
Ohio.....	8	12,258	4.48	3.65	10.60	88.6	21.72
Monroe.....	8	12,258	4.48	3.65	10.60	88.6	21.72
West Virginia.....	770	11,828	3.23	2.73	14.90	91.3	21.59
Brooke.....	25	12,347	3.97	3.22	10.20	79.0	19.51
Kanawha.....	181	10,572	.84	.79	23.62	88.8	18.78
Marshall.....	564	12,207	3.96	3.25	12.31	92.5	22.59
<b>Lower Colorado River Authority S Seymour-Fayette.....</b>	<b>7,996</b>	<b>8,563</b>	<b>.34</b>	<b>.39</b>	<b>5.50</b>	<b>92.7</b>	<b>15.87</b>
Wyoming.....	7,996	8,563	.34	.39	5.50	92.7	15.87
Campbell.....	7,996	8,563	.34	.39	5.50	92.7	15.87
<b>Madison Gas &amp; Electric Co Blount.....</b>	<b>142</b>	<b>10,743</b>	<b>1.31</b>	<b>1.22</b>	<b>9.41</b>	<b>143.4</b>	<b>30.80</b>
Indiana.....	142	10,743	1.31	1.22	9.41	143.4	30.80
Sullivan.....	142	10,743	1.31	1.22	9.41	143.4	30.80
<b>Manitowoc Public Utilities Manitowoc.....</b>	<b>119</b>	<b>12,929</b>	<b>1.36</b>	<b>1.05</b>	<b>7.11</b>	<b>161.5</b>	<b>41.75</b>
Indiana.....	15	11,500	1.11	.97	8.01	153.8	35.38
Daviess.....	3	11,356	1.10	.97	8.80	156.1	35.45
Owen.....	12	11,540	1.12	.97	7.79	153.2	35.36
Kentucky.....	41	13,204	1.18	.89	7.62	180.6	47.70
Pike.....	41	13,204	1.18	.89	7.62	180.6	47.70
Pennsylvania.....	62	13,097	1.54	1.17	6.55	150.2	39.35
Greene.....	62	13,097	1.54	1.17	6.55	150.2	39.35
<b>Marquette City of Shiras.....</b>	<b>156</b>	<b>9,817</b>	<b>.41</b>	<b>.42</b>	<b>4.37</b>	<b>122.8</b>	<b>24.11</b>
Kentucky.....	18	13,593	.90	.66	5.40	155.1	42.17
Perry.....	18	13,593	.90	.66	5.40	155.1	42.17
Montana.....	138	9,321	.35	.37	4.23	116.6	21.73
Big Horn.....	138	9,321	.35	.37	4.23	116.6	21.73
<b>Metropolitan Edison Co Portland.....</b>	<b>698</b>	<b>13,095</b>	<b>1.64</b>	<b>1.25</b>	<b>7.03</b>	<b>142.5</b>	<b>37.32</b>
Pennsylvania.....	698	13,095	1.64	1.25	7.03	142.5	37.32
Greene.....	487	13,086	1.74	1.33	7.02	142.9	37.41
Washington.....	211	13,118	1.40	1.07	7.07	141.5	37.12
<b>Metropolitan Edison Co Titus.....</b>	<b>482</b>	<b>13,226</b>	<b>1.37</b>	<b>1.04</b>	<b>6.81</b>	<b>137.4</b>	<b>36.35</b>
Pennsylvania.....	482	13,226	1.37	1.04	6.81	137.4	36.35
Greene.....	27	13,247	1.67	1.26	7.38	130.6	34.61
Washington.....	455	13,225	1.35	1.02	6.78	137.8	36.45
<b>Michigan South Central Pwr Agy Endicott.....</b>	<b>118</b>	<b>11,993</b>	<b>3.21</b>	<b>2.67</b>	<b>11.18</b>	<b>155.0</b>	<b>37.19</b>
Ohio.....	118	11,993	3.21	2.67	11.18	155.0	37.19
Columbiana.....	48	12,255	3.09	2.52	10.92	150.4	36.87
Harrison.....	26	11,800	3.58	3.03	13.01	158.7	37.46
Tuscarawas.....	43	11,823	3.11	2.63	10.35	158.1	37.39
<b>Midwest Power Council Bluffs.....</b>	<b>2,981</b>	<b>8,363</b>	<b>.35</b>	<b>.42</b>	<b>5.01</b>	<b>63.9</b>	<b>10.69</b>
Wyoming.....	2,981	8,363	.35	.42	5.01	63.9	10.69
Campbell.....	2,981	8,363	.35	.42	5.01	63.9	10.69
<b>Midwest Power George Neal 1/4.....</b>	<b>6,339</b>	<b>8,517</b>	<b>.33</b>	<b>.39</b>	<b>5.13</b>	<b>72.6</b>	<b>12.37</b>
Wyoming.....	6,339	8,517	.33	.39	5.13	72.6	12.37
Campbell.....	6,339	8,517	.33	.39	5.13	72.6	12.37
<b>Minnesota Power &amp; Light Co Boswell Energy Cen.....</b>	<b>3,618</b>	<b>9,018</b>	<b>.56</b>	<b>.63</b>	<b>6.54</b>	<b>114.5</b>	<b>20.64</b>
Montana.....	3,532	9,020	.56	.63	6.59	114.3	20.63
Big Horn.....	1,445	9,339	.35	.38	4.27	106.4	19.87
Rosebud.....	2,088	8,800	.71	.81	8.19	120.2	21.15

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Minnesota Power &amp; Light Co Boswell Energy Cen</b>							
Wyoming .....	86	8,897	0.21	0.24	4.41	120.5	21.44
Campbell.....	86	8,897	.21	.24	4.41	120.5	21.44
<b>Minnesota Power &amp; Light Co Laskin Energy Cen.....</b>							
Montana .....	<b>280</b>	<b>9,332</b>	<b>.36</b>	<b>.39</b>	<b>4.41</b>	<b>122.4</b>	<b>22.85</b>
Big Horn .....	257	9,370	.38	.40	4.42	121.3	22.74
Wyoming .....	257	9,370	.38	.40	4.42	121.3	22.74
Wyoming .....	23	8,911	.19	.21	4.22	135.1	24.08
Campbell.....	23	8,911	.19	.21	4.22	135.1	24.08
<b>Minnkota Power Coop Inc Young.....</b>							
North Dakota .....	<b>4,468</b>	<b>6,641</b>	<b>.89</b>	<b>1.34</b>	<b>8.92</b>	<b>58.2</b>	<b>7.73</b>
Oliver .....	4,468	6,641	.89	1.34	8.92	58.2	7.73
Oliver .....	4,468	6,641	.89	1.34	8.92	58.2	7.73
<b>Mississippi Power Co Daniel.....</b>							
Colorado.....	<b>3,160</b>	<b>10,128</b>	<b>.42</b>	<b>.41</b>	<b>6.38</b>	<b>152.5</b>	<b>30.89</b>
Routt .....	1,100	11,293	.51	.45	9.86	157.9	35.66
Montana .....	1,100	11,293	.51	.45	9.86	157.9	35.66
Big Horn .....	1,949	9,390	.36	.39	4.49	148.3	27.85
Imported.....	1,949	9,390	.36	.39	4.49	148.3	27.85
Imported Coal.....	111	11,545	.41	.36	5.08	159.8	36.90
Imported Coal.....	111	11,545	.41	.36	5.08	159.8	36.90
<b>Mississippi Power Co Watson.....</b>							
Illinois .....	<b>2,225</b>	<b>11,773</b>	<b>1.13</b>	<b>.96</b>	<b>6.19</b>	<b>141.8</b>	<b>33.38</b>
Gallatin .....	1,413	12,228	1.52	1.24	7.20	141.9	34.71
Saline .....	367	12,755	2.57	2.01	8.19	133.2	33.99
Kentucky.....	1,046	12,043	1.16	.96	6.85	145.1	34.96
Webster.....	4	12,001	2.44	2.03	7.40	115.0	27.60
Wyoming .....	4	12,001	2.44	2.03	7.40	115.0	27.60
Campbell.....	201	8,685	.42	.48	5.46	136.0	23.63
Imported.....	201	8,685	.42	.48	5.46	136.0	23.63
Imported Coal.....	606	11,735	.44	.37	4.08	143.0	33.57
Imported Coal.....	606	11,735	.44	.37	4.08	143.0	33.57
<b>Monongahela Power Co Albright.....</b>							
Pennsylvania .....	<b>460</b>	<b>12,507</b>	<b>1.55</b>	<b>1.24</b>	<b>12.30</b>	<b>104.6</b>	<b>26.16</b>
Somerset .....	30	12,851	1.62	1.26	12.13	101.0	25.96
West Virginia.....	30	12,851	1.62	1.26	12.13	101.0	25.96
Barbour .....	430	12,483	1.55	1.24	12.32	104.8	26.17
Braxton .....	2	12,478	1.72	1.38	12.70	96.5	24.08
Monongalia.....	22	12,505	1.40	1.12	12.93	104.4	26.10
Preston .....	15	12,168	1.61	1.32	12.58	103.8	25.26
Preston .....	391	12,494	1.56	1.24	12.27	104.9	26.22
<b>Monongahela Power Co Ft Martin.....</b>							
Pennsylvania .....	<b>3,046</b>	<b>12,811</b>	<b>1.71</b>	<b>1.33</b>	<b>8.93</b>	<b>103.5</b>	<b>26.52</b>
Greene.....	2,393	12,941	1.70	1.32	7.99	105.1	27.21
West Virginia.....	2,393	12,941	1.70	1.32	7.99	105.1	27.21
Marion.....	653	12,332	1.74	1.41	12.38	97.3	24.01
Monongalia.....	48	13,094	1.78	1.36	7.64	104.7	27.42
Monongalia.....	605	12,272	1.73	1.41	12.76	96.7	23.74
<b>Monongahela Power Co Harrison.....</b>							
West Virginia.....	<b>5,751</b>	<b>12,478</b>	<b>3.46</b>	<b>2.77</b>	<b>11.95</b>	<b>111.0</b>	<b>27.71</b>
Barbour .....	5,751	12,478	3.46	2.77	11.95	111.0	27.71
Harrison .....	10	12,611	3.07	2.44	11.09	84.1	21.21
Marion.....	4,878	12,463	3.44	2.76	11.88	115.2	28.72
Upshur.....	438	12,564	3.64	2.90	12.31	90.4	22.71
Upshur.....	424	12,556	3.51	2.79	12.37	85.2	21.40
<b>Monongahela Power Co Pleasants.....</b>							
Ohio .....	<b>3,358</b>	<b>12,306</b>	<b>3.96</b>	<b>3.22</b>	<b>10.89</b>	<b>93.4</b>	<b>23.00</b>
Belmont.....	1,376	12,523	4.06	3.24	9.25	90.9	22.76
West Virginia.....	1,376	12,523	4.06	3.24	9.25	90.9	22.76
Marshall.....	1,982	12,155	3.90	3.21	12.03	95.3	23.16
Marshall.....	1,982	12,155	3.90	3.21	12.03	95.3	23.16
<b>Monongahela Power Co Rivesville.....</b>							
Pennsylvania .....	<b>171</b>	<b>12,120</b>	<b>.99</b>	<b>.81</b>	<b>12.22</b>	<b>118.0</b>	<b>28.61</b>
Fayette.....	75	12,033	.95	.79	10.91	119.7	28.82
Fayette.....	75	12,033	.95	.79	10.91	119.7	28.82

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Monongahela Power Co Rivesville</b>							
West Virginia.....	95	12,187	1.02	0.84	13.26	116.7	28.45
Monongalia.....	95	12,187	1.02	.84	13.26	116.7	28.45
<b>Monongahela Power Co Willow Island</b>							
Pennsylvania.....	<b>560</b>	<b>13,120</b>	<b>1.50</b>	<b>1.14</b>	<b>7.15</b>	<b>107.7</b>	<b>28.25</b>
Greene.....	556	13,128	1.50	1.14	7.12	107.7	28.28
Washington.....	227	13,099	1.51	1.15	7.28	105.9	27.74
West Virginia.....	328	13,148	1.49	1.14	7.00	109.0	28.65
Harrison.....	4	12,013	1.61	1.34	11.20	100.9	24.24
Harrison.....	4	12,013	1.61	1.34	11.20	100.9	24.24
<b>Montana Power Co Colstrip</b>							
Montana.....	<b>9,562</b>	<b>8,458</b>	<b>.77</b>	<b>.91</b>	<b>10.10</b>	<b>73.3</b>	<b>12.41</b>
Rosebud.....	9,562	8,458	.77	.91	10.10	73.3	12.41
Rosebud.....	9,562	8,458	.77	.91	10.10	73.3	12.41
<b>Montana Power Co Corette</b>							
Wyoming.....	<b>640</b>	<b>8,675</b>	<b>.21</b>	<b>.24</b>	<b>4.46</b>	<b>58.8</b>	<b>10.21</b>
Campbell.....	640	8,675	.21	.24	4.46	58.8	10.21
Campbell.....	640	8,675	.21	.24	4.46	58.8	10.21
<b>Montana-Dakota Utilities Co Coyote</b>							
North Dakota.....	<b>2,442</b>	<b>6,975</b>	<b>1.10</b>	<b>1.57</b>	<b>8.65</b>	<b>76.4</b>	<b>10.66</b>
Mercer.....	2,442	6,975	1.10	1.57	8.65	76.4	10.66
Mercer.....	1,121	6,979	1.08	1.55	8.61	76.4	10.67
Oliver.....	1,321	6,972	1.11	1.60	8.68	76.4	10.65
<b>Montana-Dakota Utilities Co Heskett</b>							
North Dakota.....	<b>500</b>	<b>7,067</b>	<b>.72</b>	<b>1.03</b>	<b>6.96</b>	<b>103.3</b>	<b>14.60</b>
Mercer.....	500	7,067	.72	1.03	6.96	103.3	14.60
Mercer.....	299	7,080	.72	1.01	6.88	102.9	14.58
Oliver.....	200	7,049	.74	1.05	7.08	103.9	14.64
Wyoming.....	*	7,072	.64	.90	6.81	54.2	7.67
Campbell.....	*	7,072	.64	.90	6.81	54.2	7.67
<b>Montana-Dakota Utilities Co Lewis and Clark</b>							
Montana.....	<b>215</b>	<b>6,714</b>	<b>.52</b>	<b>.78</b>	<b>8.00</b>	<b>89.2</b>	<b>11.98</b>
Richland.....	215	6,714	.52	.78	8.00	89.2	11.98
Richland.....	215	6,714	.52	.78	8.00	89.2	11.98
<b>Montaup Electric Co Somerset</b>							
Kentucky.....	<b>70</b>	<b>12,891</b>	<b>.67</b>	<b>.52</b>	<b>7.98</b>	<b>172.3</b>	<b>44.42</b>
Pike.....	14	12,713	.65	.51	6.60	145.9	37.10
Pike.....	14	12,713	.65	.51	6.60	145.9	37.10
West Virginia.....	56	12,935	.67	.52	8.32	178.6	46.22
Mingo.....	56	12,935	.67	.52	8.32	178.6	46.22
<b>Muscatine City of Muscatine</b>							
Wyoming.....	<b>1,146</b>	<b>8,244</b>	<b>.89</b>	<b>1.08</b>	<b>6.66</b>	<b>77.0</b>	<b>12.69</b>
Campbell.....	1,146	8,244	.89	1.08	6.66	77.0	12.69
Campbell.....	1,146	8,244	.89	1.08	6.66	77.0	12.69
<b>Nebraska Public Power District Gerald Gentleman</b>							
Wyoming.....	<b>5,133</b>	<b>8,590</b>	<b>.27</b>	<b>.31</b>	<b>4.47</b>	<b>46.7</b>	<b>8.03</b>
Campbell.....	5,133	8,590	.27	.31	4.47	46.7	8.03
Campbell.....	5,133	8,590	.27	.31	4.47	46.7	8.03
<b>Nebraska Public Power District Sheldon</b>							
Utah.....	<b>918</b>	<b>8,760</b>	<b>.21</b>	<b>.24</b>	<b>4.62</b>	<b>63.1</b>	<b>11.05</b>
Sevier.....	3	11,378	.26	.23	7.40	127.4	28.99
Sevier.....	3	11,378	.26	.23	7.40	127.4	28.99
Wyoming.....	915	8,751	.21	.24	4.62	62.8	10.99
Campbell.....	904	8,727	.20	.23	4.59	62.0	10.82
Carbon.....	11	10,683	.68	.64	6.50	116.0	24.78
<b>Nevada Power Co Gardner</b>							
Utah.....	<b>1,906</b>	<b>11,653</b>	<b>.46</b>	<b>.39</b>	<b>8.92</b>	<b>117.3</b>	<b>27.33</b>
Carbon.....	1,906	11,653	.46	.39	8.92	117.3	27.33
Carbon.....	769	12,033	.56	.47	9.71	131.5	31.64
Sevier.....	1,136	11,395	.39	.34	8.38	107.1	24.41
<b>New York State Elec &amp; Gas Corp Goudey</b>							
West Virginia.....	<b>77</b>	<b>13,417</b>	<b>2.28</b>	<b>1.70</b>	<b>6.82</b>	<b>140.3</b>	<b>37.65</b>
Monongalia.....	77	13,417	2.28	1.70	6.82	140.3	37.65
Monongalia.....	77	13,417	2.28	1.70	6.82	140.3	37.65
<b>New York State Elec &amp; Gas Corp Greenidge</b>							
	<b>119</b>	<b>13,241</b>	<b>1.48</b>	<b>1.12</b>	<b>6.78</b>	<b>141.4</b>	<b>37.43</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>New York State Elec &amp; Gas Corp Greenidge</b>							
Pennsylvania .....	115	13,233	1.46	1.10	6.79	141.3	37.41
Washington .....	115	13,233	1.46	1.10	6.79	141.3	37.41
West Virginia.....	4	13,479	2.30	1.71	6.64	141.7	38.20
Monongalia.....	4	13,479	2.30	1.71	6.64	141.7	38.20
<b>New York State Elec &amp; Gas Corp Hickling</b>	<b>67</b>	<b>10,366</b>	<b>.83</b>	<b>.80</b>	<b>22.65</b>	<b>126.6</b>	<b>26.25</b>
Pennsylvania .....	67	10,366	.83	.80	22.65	126.6	26.25
Butler .....	1	10,422	.69	.66	14.25	126.2	26.30
Elk.....	2	10,745	.75	.69	13.07	133.3	28.65
Lycoming.....	65	10,356	.83	.80	22.99	126.5	26.20
<b>New York State Elec &amp; Gas Corp Jennison</b>	<b>1</b>	<b>11,033</b>	<b>.83</b>	<b>.75</b>	<b>21.36</b>	<b>146.3</b>	<b>32.28</b>
Pennsylvania .....	1	11,033	.83	.75	21.36	146.3	32.28
Lycoming.....	1	11,033	.83	.75	21.36	146.3	32.28
<b>New York State Elec &amp; Gas Corp Kintigh</b>	<b>635</b>	<b>13,109</b>	<b>2.44</b>	<b>1.86</b>	<b>7.42</b>	<b>132.5</b>	<b>34.73</b>
Pennsylvania .....	239	13,134	2.00	1.52	6.80	133.5	35.07
Greene.....	239	13,134	2.00	1.52	6.80	133.5	35.07
West Virginia.....	396	13,093	2.71	2.07	7.79	131.8	34.52
Marion.....	53	13,156	2.15	1.64	7.18	132.6	34.89
Monongalia.....	343	13,084	2.80	2.14	7.88	131.7	34.46
<b>New York State Elec &amp; Gas Corp Milliken</b>	<b>253</b>	<b>13,073</b>	<b>2.38</b>	<b>1.82</b>	<b>7.52</b>	<b>135.2</b>	<b>35.34</b>
Pennsylvania .....	78	13,061	1.75	1.34	7.13	135.7	35.44
Armstrong .....	*	11,426	2.18	1.91	15.42	134.8	30.80
Clearfield .....	1	11,854	2.56	2.16	17.01	137.0	32.48
Greene.....	52	13,062	1.92	1.47	6.88	135.2	35.33
Lycoming.....	1	11,033	.83	.75	21.36	134.9	29.77
Washington.....	25	13,174	1.36	1.04	6.75	136.5	35.97
West Virginia.....	174	13,079	2.67	2.04	7.69	134.9	35.30
Monongalia.....	174	13,079	2.67	2.04	7.69	134.9	35.30
<b>Niagara-Mohawk Power Corp Dunkirk</b>	<b>553</b>	<b>13,173</b>	<b>2.00</b>	<b>1.52</b>	<b>7.15</b>	<b>131.1</b>	<b>34.53</b>
Pennsylvania .....	463	13,153	1.98	1.50	7.17	132.0	34.72
Greene.....	463	13,153	1.98	1.50	7.17	132.0	34.72
West Virginia.....	90	13,274	2.14	1.61	7.04	126.3	33.53
Marion.....	34	13,284	2.09	1.58	7.18	133.1	35.36
Monongalia.....	56	13,268	2.17	1.63	6.96	122.1	32.41
<b>Niagara-Mohawk Power Corp Huntley</b>	<b>548</b>	<b>13,106</b>	<b>1.79</b>	<b>1.37</b>	<b>7.02</b>	<b>143.2</b>	<b>37.54</b>
Pennsylvania .....	541	13,102	1.79	1.37	7.01	143.3	37.54
Greene.....	517	13,093	1.82	1.39	7.03	143.4	37.54
Washington.....	23	13,299	1.32	.99	6.63	141.1	37.53
West Virginia.....	8	13,402	1.82	1.36	7.66	140.6	37.69
Marion.....	8	13,402	1.82	1.36	7.66	140.6	37.69
<b>Northern Indiana Pub Serv Co Bailly</b>	<b>1,372</b>	<b>10,976</b>	<b>2.52</b>	<b>2.30</b>	<b>8.76</b>	<b>129.7</b>	<b>28.47</b>
Illinois .....	982	10,977	2.99	2.73	9.19	119.0	26.12
Montgomery .....	391	10,715	3.42	3.20	8.36	113.9	24.41
Perry.....	430	10,975	2.75	2.51	9.59	123.1	27.03
Randolph.....	35	11,064	3.01	2.72	9.17	116.3	25.74
Saline.....	127	11,765	2.47	2.10	10.42	120.8	28.41
Indiana .....	155	11,102	2.31	2.08	9.59	125.0	27.77
Knox .....	13	11,496	3.84	3.34	8.00	151.4	34.81
Sullivan.....	141	11,065	2.16	1.96	9.74	122.4	27.10
West Virginia.....	10	12,805	2.46	1.92	9.90	121.0	30.99
Monongalia.....	10	12,805	2.46	1.92	9.90	121.0	30.99
Wyoming .....	225	10,807	.63	.58	6.27	181.0	39.12
Campbell.....	1	8,684	.34	.40	5.55	101.7	17.66
Carbon.....	224	10,816	.63	.58	6.28	181.3	39.21
<b>Northern Indiana Pub Serv Co Michigan City</b>	<b>1,250</b>	<b>9,531</b>	<b>.45</b>	<b>.48</b>	<b>5.87</b>	<b>134.3</b>	<b>25.59</b>
Illinois .....	11	10,709	3.46	3.23	8.10	113.6	24.33
Montgomery .....	11	10,709	3.46	3.23	8.10	113.6	24.33

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Northern Indiana Pub Serv Co Michigan City</b>							
Wyoming .....	1,239	9,521	0.43	0.45	5.85	134.5	25.61
Campbell.....	715	8,750	.31	.35	5.57	100.9	17.65
Carbon.....	476	10,750	.63	.58	6.32	178.5	38.38
Converse .....	48	8,809	.19	.22	5.40	98.6	17.37
<b>Northern Indiana Pub Serv Co Mitchell</b>	<b>1,044</b>	<b>9,265</b>	<b>.39</b>	<b>.43</b>	<b>5.62</b>	<b>131.2</b>	<b>24.31</b>
Wyoming.....	1,044	9,265	.39	.43	5.62	131.2	24.31
Campbell.....	788	8,756	.32	.36	5.43	107.5	18.82
Carbon.....	257	10,830	.63	.58	6.20	190.1	41.17
<b>Northern Indiana Pub Serv Co Rollin Schahfer</b>	<b>5,295</b>	<b>9,973</b>	<b>1.39</b>	<b>1.40</b>	<b>7.10</b>	<b>120.1</b>	<b>23.95</b>
Illinois .....	1,746	11,018	2.90	2.63	9.54	116.0	25.56
Montgomery .....	20	10,705	3.43	3.20	8.30	122.3	26.18
Perry.....	1,714	11,016	2.90	2.63	9.56	115.9	25.54
Saline .....	11	11,982	2.46	2.05	9.60	119.5	28.64
Indiana .....	63	11,412	3.73	3.27	8.24	130.2	29.71
Daviess.....	11	11,083	2.47	2.23	8.40	145.4	32.23
Knox.....	52	11,482	4.00	3.48	8.20	127.1	29.18
West Virginia.....	266	12,975	2.54	1.96	8.36	118.1	30.65
Monongalia.....	266	12,975	2.54	1.96	8.36	118.1	30.65
Wyoming.....	3,221	9,131	.44	.48	5.65	122.7	22.42
Campbell.....	2,569	8,702	.39	.44	5.50	107.2	18.66
Carbon.....	651	10,822	.63	.58	6.24	172.0	37.23
<b>Northern States Power Co Bay Front</b>	<b>74</b>	<b>11,715</b>	<b>.58</b>	<b>.49</b>	<b>6.11</b>	<b>166.2</b>	<b>38.94</b>
Kentucky.....	16	13,593	.78	.57	5.70	192.2	52.25
Letcher.....	16	13,593	.78	.57	5.70	192.2	52.25
Wyoming.....	58	11,184	.52	.47	6.22	157.3	35.18
Carbon.....	58	11,184	.52	.47	6.22	157.3	35.18
<b>Northern States Power Co Black Dog</b>	<b>827</b>	<b>8,917</b>	<b>.19</b>	<b>.21</b>	<b>4.44</b>	<b>99.6</b>	<b>17.77</b>
Colorado.....	12	11,803	.49	.42	7.50	127.2	30.03
Gunnison.....	12	11,803	.49	.42	7.50	127.2	30.03
Wyoming.....	816	8,876	.19	.21	4.39	99.1	17.60
Campbell.....	731	8,880	.19	.21	4.38	98.9	17.56
Converse .....	84	8,842	.18	.20	4.50	101.1	17.88
<b>Northern States Power Co High Bridge</b>	<b>719</b>	<b>8,856</b>	<b>.19</b>	<b>.21</b>	<b>4.51</b>	<b>99.5</b>	<b>17.63</b>
Wyoming.....	719	8,856	.19	.21	4.51	99.5	17.63
Campbell.....	683	8,858	.19	.21	4.48	98.8	17.51
Converse .....	36	8,812	.21	.23	5.13	112.3	19.79
<b>Northern States Power Co King</b>	<b>1,645</b>	<b>8,882</b>	<b>.28</b>	<b>.31</b>	<b>5.23</b>	<b>106.6</b>	<b>18.94</b>
Montana .....	308	8,857	.63	.71	8.47	110.2	19.52
Big Horn.....	308	8,857	.63	.71	8.47	110.2	19.52
Wyoming.....	1,337	8,888	.19	.22	4.49	105.8	18.80
Campbell.....	985	8,912	.19	.21	4.27	101.0	18.00
Converse .....	352	8,821	.22	.25	5.09	119.3	21.06
<b>Northern States Power Co Riverside</b>	<b>1,228</b>	<b>8,864</b>	<b>.19</b>	<b>.21</b>	<b>4.44</b>	<b>94.0</b>	<b>16.66</b>
Wyoming.....	1,228	8,864	.19	.21	4.44	94.0	16.66
Campbell.....	1,228	8,864	.19	.21	4.44	94.0	16.66
<b>Northern States Power Co Sherburne County</b>	<b>7,784</b>	<b>8,759</b>	<b>.50</b>	<b>.57</b>	<b>7.12</b>	<b>110.2</b>	<b>19.31</b>
Montana .....	4,168	8,763	.66	.75	8.71	106.1	18.59
Big Horn.....	3,122	8,750	.64	.73	8.89	105.1	18.39
Rosebud .....	1,046	8,801	.71	.81	8.17	109.0	19.18
Wyoming.....	3,616	8,755	.32	.36	5.28	115.1	20.15
Campbell.....	3,603	8,755	.32	.36	5.28	115.0	20.14
Converse .....	12	8,694	.21	.24	6.40	122.5	21.30
<b>Ohio Edison Co Burger</b>	<b>778</b>	<b>12,330</b>	<b>3.23</b>	<b>2.62</b>	<b>10.69</b>	<b>92.0</b>	<b>22.69</b>
Kentucky.....	13	9,175	1.54	1.68	29.55	58.7	10.78
Johnson.....	13	9,175	1.54	1.68	29.55	58.7	10.78

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Ohio Edison Co Burger</b>							
Ohio.....	566	12,414	3.87	3.12	9.87	89.1	22.12
Belmont.....	447	12,525	4.23	3.37	9.13	86.3	21.61
Harrison.....	118	11,991	2.54	2.12	12.67	100.4	24.07
Pennsylvania.....	67	13,178	1.93	1.46	7.37	101.3	26.71
Greene.....	37	13,214	2.32	1.76	7.68	95.0	25.10
Washington.....	30	13,135	1.45	1.11	6.99	109.0	28.64
West Virginia.....	133	11,846	1.32	1.12	14.07	102.0	24.18
Kanawha.....	112	11,752	.88	.75	14.53	109.2	25.66
Marshall.....	21	12,358	3.73	3.02	11.59	65.4	16.15
<b>Ohio Edison Co Niles</b>	<b>541</b>	<b>11,810</b>	<b>2.85</b>	<b>2.42</b>	<b>12.92</b>	<b>106.5</b>	<b>25.16</b>
Ohio.....	529	11,818	2.85	2.41	12.88	106.9	25.27
Columbiana.....	31	10,056	3.71	3.69	16.64	91.9	18.49
Harrison.....	459	12,009	2.72	2.26	12.41	109.8	26.37
Mahoning.....	14	10,231	3.53	3.45	19.05	64.8	13.26
Tuscarawas.....	25	11,387	3.92	3.44	13.41	89.1	20.29
Pennsylvania.....	11	11,425	2.86	2.51	14.88	86.3	19.73
Armstrong.....	5	11,933	3.42	2.87	14.46	93.3	22.27
Butler.....	6	10,967	2.36	2.16	15.25	79.5	17.44
<b>Ohio Edison Co Sammis</b>	<b>5,750</b>	<b>12,362</b>	<b>1.24</b>	<b>1.00</b>	<b>11.89</b>	<b>115.7</b>	<b>28.61</b>
Kentucky.....	803	12,006	.80	.67	11.88	120.9	29.04
Clay.....	82	11,377	.79	.69	15.40	111.1	25.28
Magoffin.....	7	12,462	.75	.60	11.20	92.0	22.93
Martin.....	704	12,080	.80	.66	11.46	122.7	29.65
Pike.....	11	11,632	.83	.71	13.30	94.2	21.91
Pennsylvania.....	1,967	13,253	1.99	1.50	7.46	109.7	29.07
Beaver.....	16	12,172	.90	.74	13.00	107.0	26.05
Greene.....	1,553	13,231	2.13	1.61	7.56	111.8	29.58
Washington.....	386	13,438	1.50	1.11	6.70	101.7	27.34
Westmoreland.....	11	11,498	1.98	1.72	11.40	95.6	21.98
West Virginia.....	2,979	11,869	.86	.73	14.83	118.8	28.19
Fayette.....	1	10,000	.80	.80	30.00	80.8	16.16
Kanawha.....	1,265	11,969	.75	.62	13.66	123.6	29.60
Logan.....	57	12,474	.95	.76	9.07	94.2	23.51
Mingo.....	742	11,304	.97	.86	18.66	111.2	25.14
Nicholas.....	30	11,911	.94	.79	14.32	117.0	27.87
Wayne.....	11	8,949	.72	.80	31.00	64.8	11.60
Webster.....	873	12,202	.93	.76	13.44	120.0	29.29
<b>Ohio Power Co Gavin</b>	<b>6,638</b>	<b>11,362</b>	<b>3.42</b>	<b>3.01</b>	<b>12.04</b>	<b>189.5</b>	<b>43.06</b>
Ohio.....	5,740	11,214	3.38	3.02	12.27	203.2	45.57
Belmont.....	223	11,718	2.84	2.42	12.45	112.4	26.34
Gallia.....	318	11,067	2.81	2.54	11.90	119.7	26.50
Jackson.....	318	11,067	2.81	2.54	11.90	119.7	26.50
Meigs.....	4,554	11,221	3.53	3.15	12.34	225.2	50.55
Vinton.....	327	11,066	2.81	2.54	11.90	119.7	26.50
West Virginia.....	898	12,304	3.67	2.98	10.53	109.8	27.01
Marshall.....	878	12,309	3.66	2.97	10.52	110.5	27.21
Monongalia.....	20	12,083	4.04	3.34	10.80	75.3	18.20
<b>Ohio Power Co Kammer</b>	<b>1,546</b>	<b>12,409</b>	<b>3.05</b>	<b>2.46</b>	<b>9.73</b>	<b>91.5</b>	<b>22.70</b>
Pennsylvania.....	375	13,010	1.42	1.09	6.88	100.2	26.06
Greene.....	375	13,010	1.42	1.09	6.88	100.2	26.06
West Virginia.....	1,170	12,216	3.57	2.92	10.64	88.5	21.62
Marshall.....	1,170	12,216	3.57	2.92	10.64	88.5	21.62
<b>Ohio Power Co Mitchell</b>	<b>3,788</b>	<b>12,402</b>	<b>.78</b>	<b>.63</b>	<b>11.73</b>	<b>139.0</b>	<b>34.49</b>
Pennsylvania.....	3	12,645	2.15	1.70	10.70	100.8	25.49
Greene.....	3	12,645	2.15	1.70	10.70	100.8	25.49
West Virginia.....	3,785	12,402	.78	.63	11.73	139.1	34.49
Boone.....	2,747	12,439	.75	.60	11.28	146.7	36.49
Clay.....	276	12,090	.82	.68	13.73	140.2	33.91
Fayette.....	1	12,201	.66	.54	12.90	126.3	30.82
Kanawha.....	1	12,201	.66	.54	12.90	126.3	30.82
Wayne.....	13	12,048	.87	.72	8.95	104.9	25.29
Webster.....	747	12,387	.89	.72	12.70	111.1	27.53

See footnotes at end of table.

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



**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Ohio Power Co Muskingum</b> .....	<b>2,533</b>	<b>12,051</b>	<b>2.16</b>	<b>1.79</b>	<b>12.16</b>	<b>190.1</b>	<b>45.81</b>
Kentucky .....	39	12,261	.68	.56	10.62	139.8	34.28
Pike .....	39	12,261	.68	.56	10.62	139.8	34.28
Ohio.....	913	11,534	4.59	3.98	12.71	300.5	69.31
Muskingum .....	100	11,534	4.58	3.98	12.73	300.5	69.33
Noble.....	812	11,534	4.59	3.98	12.71	300.4	69.31
West Virginia.....	1,581	12,344	.80	.65	11.87	131.7	32.53
Boone.....	542	12,453	.74	.59	10.91	136.6	34.03
Clay.....	19	12,317	.69	.56	12.48	181.2	44.65
Fayette.....	19	11,907	.75	.63	12.40	179.9	42.85
Harrison .....	10	12,850	3.17	2.47	7.60	80.3	20.64
Kanawha .....	2	12,311	.69	.56	12.49	181.0	44.58
Logan .....	501	12,221	.69	.57	12.11	137.3	33.56
Webster.....	488	12,359	.93	.75	12.74	117.7	29.09
<b>Ohio Valley Electric Corp Kyger Creek</b> .....	<b>3,080</b>	<b>12,847</b>	<b>2.42</b>	<b>1.89</b>	<b>8.11</b>	<b>110.8</b>	<b>28.47</b>
Kentucky .....	389	13,141	1.36	1.04	6.16	126.5	33.24
Breathitt .....	23	13,670	.67	.49	5.80	133.6	36.53
Floyd.....	78	13,208	1.52	1.15	5.42	129.0	34.07
Knott.....	100	13,361	1.58	1.19	5.37	128.1	34.23
Letcher .....	119	13,017	1.49	1.15	6.41	129.6	33.75
Pike.....	69	12,783	.88	.69	7.81	113.0	28.89
Ohio.....	533	12,470	4.02	3.23	9.30	93.9	23.42
Belmont.....	533	12,470	4.02	3.23	9.30	93.9	23.42
Pennsylvania .....	783	13,128	2.03	1.55	7.43	103.9	27.28
Greene.....	644	13,142	2.13	1.62	7.53	104.4	27.44
Washington.....	139	13,061	1.57	1.20	6.96	101.6	26.53
Virginia .....	400	13,612	.69	.51	5.80	133.1	36.23
Buchanan .....	400	13,612	.69	.51	5.80	133.1	36.23
West Virginia.....	975	12,395	3.00	2.42	9.73	109.4	27.12
Boone.....	201	13,001	.78	.60	7.52	113.9	29.62
Brooke.....	184	12,253	3.69	3.01	10.32	93.9	23.02
Marshall .....	590	12,233	3.54	2.89	10.30	112.6	27.54
<b>Oklahoma Gas &amp; Electric Co Muskogee</b> .....	<b>6,530</b>	<b>8,626</b>	<b>.29</b>	<b>.34</b>	<b>5.22</b>	<b>84.7</b>	<b>14.61</b>
Wyoming.....	6,530	8,626	.29	.34	5.22	84.7	14.61
Campbell.....	6,433	8,623	.29	.34	5.22	84.7	14.61
Converse.....	97	8,831	.29	.33	5.17	84.4	14.91
<b>Oklahoma Gas &amp; Electric Co Sooner</b> .....	<b>4,966</b>	<b>8,609</b>	<b>.31</b>	<b>.37</b>	<b>5.43</b>	<b>79.0</b>	<b>13.60</b>
Wyoming.....	4,966	8,609	.31	.37	5.43	79.0	13.60
Campbell.....	4,596	8,594	.32	.37	5.43	78.9	13.56
Converse.....	370	8,797	.29	.32	5.46	79.9	14.07
<b>Omaha Public Power District Nebraska City</b> .....	<b>2,790</b>	<b>8,351</b>	<b>.34</b>	<b>.40</b>	<b>5.82</b>	<b>54.7</b>	<b>9.14</b>
Wyoming.....	2,790	8,351	.34	.40	5.82	54.7	9.14
Campbell.....	2,790	8,351	.34	.40	5.82	54.7	9.14
<b>Omaha Public Power District North Omaha</b> .....	<b>2,106</b>	<b>8,395</b>	<b>.33</b>	<b>.40</b>	<b>5.60</b>	<b>66.8</b>	<b>11.21</b>
Wyoming.....	2,106	8,395	.33	.40	5.60	66.8	11.21
Campbell.....	2,106	8,395	.33	.40	5.60	66.8	11.21
<b>Orange and Rockland Utils Inc Lovett</b> .....	<b>268</b>	<b>12,972</b>	<b>.59</b>	<b>.46</b>	<b>7.93</b>	<b>183.9</b>	<b>47.70</b>
Kentucky .....	239	12,939	.58	.45	8.00	186.2	48.18
Pike .....	239	12,939	.58	.45	8.00	186.2	48.18
West Virginia.....	29	13,246	.73	.55	7.36	165.0	43.72
Nicholas .....	20	12,961	.78	.61	9.00	165.2	42.83
Raleigh.....	9	13,879	.61	.44	3.70	164.6	45.69
<b>Orlando Utilities Comm Stanton Energy</b> .....	<b>2,116</b>	<b>12,807</b>	<b>1.11</b>	<b>.86</b>	<b>8.56</b>	<b>168.3</b>	<b>43.12</b>
Kentucky .....	2,116	12,807	1.11	.86	8.56	168.3	43.12
Bell.....	81	12,879	1.13	.88	8.30	161.5	41.61
Harlan .....	642	12,773	.98	.76	8.66	164.3	41.97
Leslie.....	51	12,700	1.55	1.22	10.10	165.2	41.96
Letcher .....	722	12,784	1.02	.80	8.80	177.7	45.44
Pike.....	620	12,867	1.30	1.01	8.07	162.8	41.90
<b>Otter Tail Power Co Big Stone</b> .....	<b>2,059</b>	<b>8,630</b>	<b>.60</b>	<b>.69</b>	<b>8.67</b>	<b>93.6</b>	<b>16.16</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Otter Tail Power Co Big Stone</b>							
Montana .....	1,499	8,715	0.67	0.77	9.39	92.8	16.17
Big Horn .....	1,499	8,715	.67	.77	9.39	92.8	16.17
Wyoming.....	560	8,401	.40	.48	6.77	96.0	16.13
Campbell.....	560	8,401	.40	.48	6.77	96.0	16.13
<b>Otter Tail Power Co Hoot Lake</b>	<b>350</b>	<b>9,273</b>	<b>.40</b>	<b>.43</b>	<b>4.73</b>	<b>125.7</b>	<b>23.31</b>
Montana .....	350	9,273	.40	.43	4.73	125.7	23.31
Big Horn .....	350	9,273	.40	.43	4.73	125.7	23.31
<b>Owensboro City of Smith</b>	<b>1,304</b>	<b>10,986</b>	<b>3.37</b>	<b>3.07</b>	<b>11.54</b>	<b>94.0</b>	<b>20.65</b>
Indiana.....	538	11,079	3.45	3.11	10.30	96.2	21.32
Gibson.....	306	11,156	3.84	3.44	10.58	96.5	21.52
Pike .....	176	10,987	2.95	2.68	10.00	96.0	21.09
Warrick .....	55	10,951	2.87	2.62	9.68	95.5	20.92
Kentucky.....	767	10,921	3.32	3.04	12.40	92.4	20.18
Daviess.....	317	10,854	2.95	2.72	10.02	95.0	20.62
Hancock .....	*	11,856	3.71	3.13	7.80	71.7	17.00
Henderson .....	50	10,680	3.23	3.02	12.46	89.5	19.13
McLean .....	110	10,396	3.53	3.40	15.81	91.7	19.07
Muhlenberg.....	13	9,964	2.51	2.52	11.13	81.2	16.19
Ohio .....	113	11,240	3.96	3.52	11.32	90.5	20.35
Webster .....	163	11,337	3.53	3.11	15.58	90.9	20.60
<b>PacifiCorp Carbon</b>	<b>569</b>	<b>12,219</b>	<b>.43</b>	<b>.35</b>	<b>8.41</b>	<b>58.0</b>	<b>14.18</b>
Utah.....	569	12,219	.43	.35	8.41	58.0	14.18
Emery.....	567	12,220	.43	.35	8.41	58.1	14.19
Unknown <sup>2</sup> .....	2	11,877	.73	.61	10.60	50.0	11.88
<b>PacifiCorp Centralia</b>	<b>5,486</b>	<b>8,224</b>	<b>.75</b>	<b>.91</b>	<b>12.08</b>	<b>156.0</b>	<b>25.65</b>
Montana .....	1,502	9,342	.34	.37	4.22	122.7	22.93
Big Horn .....	1,502	9,342	.34	.37	4.22	122.7	22.93
Washington.....	3,984	7,803	.90	1.16	15.05	171.0	26.68
Lewis.....	3,832	7,803	.91	1.16	15.06	171.5	26.76
Thurston .....	152	7,782	.89	1.14	14.60	157.9	24.58
<b>PacifiCorp Emery-Hunter</b>	<b>4,305</b>	<b>11,561</b>	<b>.47</b>	<b>.41</b>	<b>11.28</b>	<b>72.8</b>	<b>16.84</b>
Utah.....	4,305	11,561	.47	.41	11.28	72.8	16.84
Emery.....	4,305	11,561	.47	.41	11.28	72.8	16.84
<b>PacifiCorp Huntington</b>	<b>2,919</b>	<b>12,060</b>	<b>.39</b>	<b>.32</b>	<b>9.09</b>	<b>62.8</b>	<b>15.14</b>
Utah.....	2,919	12,060	.39	.32	9.09	62.8	15.14
Emery.....	2,919	12,060	.39	.32	9.09	62.8	15.14
<b>PacifiCorp Jim Bridger</b>	<b>9,168</b>	<b>9,343</b>	<b>.54</b>	<b>.57</b>	<b>10.08</b>	<b>100.0</b>	<b>18.68</b>
Wyoming.....	9,168	9,343	.54	.57	10.08	100.0	18.68
Sweetwater.....	9,168	9,343	.54	.57	10.08	100.0	18.68
<b>PacifiCorp Johnston</b>	<b>3,717</b>	<b>7,955</b>	<b>.45</b>	<b>.57</b>	<b>8.33</b>	<b>46.6</b>	<b>7.41</b>
Wyoming.....	3,717	7,955	.45	.57	8.33	46.6	7.41
Campbell.....	778	8,378	.36	.43	5.45	45.3	7.59
Converse .....	2,939	7,843	.47	.60	9.09	47.0	7.37
<b>PacifiCorp Naughton</b>	<b>2,529</b>	<b>9,977</b>	<b>.75</b>	<b>.75</b>	<b>4.92</b>	<b>115.5</b>	<b>23.05</b>
Wyoming.....	2,529	9,977	.75	.75	4.92	115.5	23.05
Lincoln.....	2,529	9,977	.75	.75	4.92	115.5	23.05
<b>PacifiCorp Wyodak</b>	<b>2,080</b>	<b>8,023</b>	<b>.53</b>	<b>.66</b>	<b>6.69</b>	<b>73.6</b>	<b>11.81</b>
Wyoming.....	2,080	8,023	.53	.66	6.69	73.6	11.81
Campbell.....	2,080	8,023	.53	.66	6.69	73.6	11.81
<b>Painesville City of Painesville</b>	<b>92</b>	<b>12,528</b>	<b>2.52</b>	<b>2.01</b>	<b>8.36</b>	<b>131.7</b>	<b>32.99</b>
Ohio.....	92	12,528	2.52	2.01	8.36	131.7	32.99
Columbiana.....	92	12,528	2.52	2.01	8.36	131.7	32.99
<b>Pennsylvania Electric Co Conemaugh</b>	<b>4,681</b>	<b>12,658</b>	<b>2.29</b>	<b>1.81</b>	<b>11.63</b>	<b>104.8</b>	<b>26.54</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Pennsylvania Electric Co Conemaugh</b>							
Pennsylvania .....	4,226	12,656	2.26	1.79	11.72	104.4	26.42
Armstrong .....	601	12,384	2.35	1.90	13.47	101.0	25.03
Butler .....	33	12,377	2.45	1.98	10.91	104.3	25.81
Cambria .....	176	12,504	2.38	1.91	13.22	89.9	22.49
Clearfield .....	213	12,394	2.46	1.98	13.48	106.4	26.36
Greene .....	1,188	13,124	2.05	1.56	7.38	103.6	27.18
Indiana .....	435	12,451	2.45	1.97	14.22	102.7	25.57
Somerset .....	1,301	12,530	2.29	1.83	13.50	109.0	27.30
Westmoreland .....	279	12,481	2.25	1.80	12.04	104.4	26.05
West Virginia .....	455	12,681	2.58	2.04	10.84	108.8	27.59
Monongalia .....	455	12,681	2.58	2.04	10.84	108.8	27.59
<b>Pennsylvania Electric Co Homer City</b> .....	<b>1,322</b>	<b>11,233</b>	<b>2.46</b>	<b>2.19</b>	<b>20.30</b>	<b>116.8</b>	<b>26.24</b>
Pennsylvania .....	1,322	11,233	2.46	2.19	20.30	116.8	26.24
Armstrong .....	211	10,892	3.70	3.39	23.57	95.5	20.80
Cambria .....	38	11,409	2.65	2.33	18.80	105.8	24.15
Fayette .....	10	11,188	3.85	3.44	20.50	81.6	18.26
Indiana .....	717	11,365	1.75	1.54	18.89	130.2	29.58
Jefferson .....	26	12,155	.67	.55	10.06	146.9	35.71
Somerset .....	314	11,073	3.36	3.03	22.35	99.7	22.07
Westmoreland .....	5	10,721	.77	.72	17.80	104.4	22.39
<b>Pennsylvania Electric Co Keystone</b> .....	<b>4,917</b>	<b>12,494</b>	<b>1.71</b>	<b>1.37</b>	<b>12.55</b>	<b>127.0</b>	<b>31.74</b>
Pennsylvania .....	4,689	12,451	1.68	1.35	12.83	127.9	31.84
Armstrong .....	2,906	12,435	1.70	1.37	13.11	127.0	31.59
Greene .....	304	12,875	1.66	1.29	8.13	106.9	27.52
Indiana .....	1,181	12,387	1.55	1.25	13.30	141.4	35.04
Somerset .....	9	12,299	1.72	1.40	12.50	95.9	23.59
Washington .....	4	12,364	1.59	1.29	14.90	88.0	21.76
Westmoreland .....	285	12,422	2.03	1.63	13.04	105.7	26.26
West Virginia .....	228	13,378	2.26	1.69	6.69	110.3	29.52
Monongalia .....	228	13,378	2.26	1.69	6.69	110.3	29.52
<b>Pennsylvania Electric Co Seward</b> .....	<b>322</b>	<b>12,294</b>	<b>1.62</b>	<b>1.32</b>	<b>14.25</b>	<b>110.0</b>	<b>27.05</b>
Pennsylvania .....	322	12,294	1.62	1.32	14.25	110.0	27.05
Somerset .....	322	12,294	1.62	1.32	14.25	110.0	27.05
<b>Pennsylvania Electric Co Shawville</b> .....	<b>1,311</b>	<b>12,341</b>	<b>1.78</b>	<b>1.45</b>	<b>13.25</b>	<b>113.7</b>	<b>28.07</b>
Pennsylvania .....	1,311	12,341	1.78	1.45	13.25	113.7	28.07
Clearfield .....	1,311	12,341	1.78	1.45	13.25	113.7	28.07
<b>Pennsylvania Electric Co Warren</b> .....	<b>126</b>	<b>12,288</b>	<b>1.77</b>	<b>1.44</b>	<b>11.95</b>	<b>116.4</b>	<b>28.61</b>
Pennsylvania .....	126	12,288	1.77	1.44	11.95	116.4	28.61
Armstrong .....	63	12,153	1.84	1.51	11.89	114.1	27.72
Clarion .....	5	12,272	1.74	1.42	12.20	114.8	28.18
Jefferson .....	59	12,433	1.70	1.37	12.00	119.0	29.59
<b>Pennsylvania Power &amp; Light Co Brunner Island</b> .....	<b>3,089</b>	<b>12,897</b>	<b>1.36</b>	<b>1.06</b>	<b>9.38</b>	<b>144.3</b>	<b>37.22</b>
Kentucky .....	41	12,784	1.11	.87	10.52	143.4	36.65
Boyd .....	11	13,324	1.04	.78	8.30	141.9	37.81
Martin .....	10	12,640	.74	.59	9.00	146.2	36.96
Pike .....	20	12,560	1.33	1.06	12.50	142.8	35.87
Pennsylvania .....	1,498	13,160	1.86	1.41	7.65	143.9	37.86
Clarion .....	11	12,934	1.44	1.11	9.30	99.2	25.66
Clearfield .....	10	12,717	1.21	.95	13.40	128.4	32.66
Greene .....	1,477	13,165	1.87	1.42	7.60	144.3	37.99
Virginia .....	20	12,505	1.02	.82	13.05	143.5	35.90
Wise .....	20	12,505	1.02	.82	13.05	143.5	35.90
West Virginia .....	1,530	12,646	.89	.70	11.00	144.8	36.63
Clay .....	62	12,477	.76	.61	12.33	155.7	38.86
Kanawha .....	463	12,504	.84	.67	11.16	145.2	36.30
Mingo .....	385	12,756	.72	.57	10.84	147.7	37.69
Monongalia .....	10	13,091	1.88	1.44	7.70	122.7	32.13
Nicholas .....	21	12,622	.83	.66	12.00	150.2	37.92
Upshur .....	164	13,057	1.28	.98	9.18	140.9	36.79
Wayne .....	56	12,436	.94	.76	10.24	147.8	36.75
Webster .....	359	12,581	.94	.75	11.76	141.0	35.49

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Pennsylvania Power &amp; Light Co Holtwood</b> .....	<b>1</b>	<b>11,090</b>	<b>1.16</b>	<b>1.05</b>	<b>23.20</b>	<b>133.3</b>	<b>29.57</b>
Pennsylvania.....	1	11,090	1.16	1.05	23.20	133.3	29.57
Somerset.....	1	11,090	1.16	1.05	23.20	133.3	29.57
<b>Pennsylvania Power &amp; Light Co Martins Creek</b> .....	<b>344</b>	<b>13,191</b>	<b>2.03</b>	<b>1.54</b>	<b>8.13</b>	<b>124.7</b>	<b>32.89</b>
Pennsylvania.....	344	13,191	2.03	1.54	8.13	124.7	32.89
Clearfield.....	10	12,427	2.02	1.63	13.04	144.1	35.81
Greene.....	334	13,214	2.03	1.53	7.99	124.1	32.81
<b>Pennsylvania Power &amp; Light Co Montour</b> .....	<b>3,285</b>	<b>12,835</b>	<b>1.91</b>	<b>1.49</b>	<b>10.88</b>	<b>136.5</b>	<b>35.03</b>
Pennsylvania.....	3,201	12,824	1.91	1.49	10.97	136.8	35.08
Cambria.....	311	12,613	1.96	1.56	12.31	135.2	34.11
Clarion.....	29	12,868	1.67	1.30	9.04	128.1	32.96
Clearfield.....	738	12,667	1.90	1.50	13.30	131.4	33.28
Greene.....	1,091	13,134	1.91	1.46	7.72	141.6	37.20
Indiana.....	669	12,642	1.95	1.54	12.42	139.0	35.14
Jefferson.....	151	12,507	1.96	1.57	13.17	130.4	32.62
Somerset.....	193	12,818	1.72	1.34	11.89	131.3	33.66
Venango.....	19	13,418	1.26	.94	9.60	127.4	34.19
West Virginia.....	84	13,280	2.15	1.62	7.47	124.2	32.99
Monongalia.....	84	13,280	2.15	1.62	7.47	124.2	32.99
<b>Pennsylvania Power &amp; Light Co Sunbury</b> .....	<b>445</b>	<b>10,966</b>	<b>1.20</b>	<b>1.10</b>	<b>20.55</b>	<b>106.8</b>	<b>23.43</b>
Pennsylvania.....	445	10,966	1.20	1.10	20.55	106.8	23.43
Allegheny.....	1	12,482	1.63	1.31	12.40	124.2	31.01
Clarion.....	45	12,800	1.37	1.07	9.07	132.3	33.86
Clearfield.....	190	12,527	1.57	1.26	13.04	113.7	28.49
Elk.....	6	12,635	1.43	1.13	11.25	133.6	33.77
Greene.....	29	13,283	1.71	1.29	7.97	137.9	36.63
Jefferson.....	7	12,736	1.54	1.21	11.80	134.3	34.21
Lycoming.....	33	11,077	.81	.73	21.80	128.0	28.36
Schuylkill.....	123	7,311	.58	.79	39.00	49.8	7.28
Sullivan.....	11	8,764	.51	.59	31.75	64.5	11.30
<b>Pennsylvania Power Co New Castle</b> .....	<b>658</b>	<b>11,967</b>	<b>1.64</b>	<b>1.37</b>	<b>11.98</b>	<b>115.8</b>	<b>27.73</b>
Pennsylvania.....	658	11,967	1.64	1.37	11.98	115.8	27.73
Beaver.....	658	11,967	1.64	1.37	11.98	115.8	27.73
<b>Pennsylvania Power Co Bruce Mansfield</b> .....	<b>4,346</b>	<b>12,059</b>	<b>3.65</b>	<b>3.02</b>	<b>12.61</b>	<b>167.7</b>	<b>40.45</b>
Ohio.....	42	12,070	3.32	2.75	12.32	173.2	41.80
Carroll.....	29	12,075	3.49	2.89	12.56	174.8	42.22
Tuscarawas.....	13	12,056	2.95	2.44	11.78	169.4	40.84
Pennsylvania.....	433	12,094	3.58	2.96	12.26	170.5	41.25
Butler.....	96	12,096	3.68	3.04	12.72	172.0	41.62
Fayette.....	25	11,979	3.56	2.97	13.60	193.8	46.43
Greene.....	142	12,072	3.48	2.88	12.69	181.0	43.70
Washington.....	170	12,128	3.60	2.97	11.43	157.6	38.22
West Virginia.....	3,871	12,055	3.66	3.03	12.66	167.3	40.35
Barbour.....	3	12,152	3.82	3.14	11.00	153.0	37.19
Kanawha.....	11	11,967	3.38	2.82	13.70	214.2	51.27
Marshall.....	3,828	12,055	3.66	3.03	12.66	167.3	40.33
Monongalia.....	20	12,078	3.41	2.82	12.13	159.6	38.55
Webster.....	9	12,105	3.71	3.06	11.68	168.3	40.74
<b>Philadelphia Electric Co Cromby</b> .....	<b>243</b>	<b>13,213</b>	<b>1.81</b>	<b>1.37</b>	<b>7.66</b>	<b>142.9</b>	<b>37.76</b>
Pennsylvania.....	243	13,213	1.81	1.37	7.66	142.9	37.76
Greene.....	134	13,295	1.99	1.49	7.90	144.7	38.47
Washington.....	109	13,113	1.60	1.22	7.36	140.6	36.88
<b>Philadelphia Electric Co Eddystone</b> .....	<b>1,017</b>	<b>13,208</b>	<b>1.84</b>	<b>1.39</b>	<b>7.60</b>	<b>144.9</b>	<b>38.28</b>
Pennsylvania.....	1,017	13,208	1.84	1.39	7.60	144.9	38.28
Greene.....	531	13,260	2.00	1.51	7.81	146.9	38.97
Washington.....	486	13,152	1.66	1.26	7.36	142.6	37.52
<b>Plains Elec Gen&amp;Trans Coop Inc Escalante</b> .....	<b>926</b>	<b>9,260</b>	<b>.84</b>	<b>.91</b>	<b>17.25</b>	<b>131.5</b>	<b>24.35</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Plains Elec Gen&amp;Trans Coop Inc Escalante</b>							
New Mexico.....	926	9,260	0.84	0.91	17.25	131.5	24.35
Mckinley.....	926	9,260	.84	.91	17.25	131.5	24.35
<b>Platte River Power Authority Rawhide.....</b>							
Wyoming.....	<b>1,327</b>	<b>8,806</b>	<b>.25</b>	<b>.29</b>	<b>5.41</b>	<b>59.9</b>	<b>10.55</b>
Campbell.....	1,327	8,806	.25	.29	5.41	59.9	10.55
Campbell.....	50	8,758	.19	.22	4.57	60.1	10.53
Converse.....	1,277	8,807	.25	.29	5.44	59.9	10.55
<b>Portland General Electric Co Boardman.....</b>							
Colorado.....	<b>2,326</b>	<b>8,961</b>	<b>.39</b>	<b>.44</b>	<b>6.41</b>	<b>107.9</b>	<b>19.34</b>
Gunnison.....	14	11,057	.48	.43	11.20	75.0	16.59
Utah.....	14	11,057	.48	.43	11.20	75.0	16.59
Utah.....	287	11,870	.55	.46	11.93	102.6	24.36
Emery.....	287	11,870	.55	.46	11.93	102.6	24.36
Wyoming.....	2,025	8,535	.37	.43	5.60	109.2	18.65
Campbell.....	1,933	8,521	.37	.44	5.61	109.1	18.59
Converse.....	92	8,822	.23	.27	5.35	112.7	19.89
<b>Potomac Edison Co Smith.....</b>							
Maryland.....	<b>122</b>	<b>12,320</b>	<b>.97</b>	<b>.79</b>	<b>12.76</b>	<b>130.3</b>	<b>32.11</b>
Allegany.....	38	12,301	.98	.80	11.71	126.3	31.06
Pennsylvania.....	38	12,301	.98	.80	11.71	126.3	31.06
Bedford.....	83	12,329	.97	.78	13.25	132.2	32.59
Somerset.....	*	12,758	1.12	.88	10.70	125.0	31.89
Somerset.....	83	12,327	.97	.78	13.26	132.2	32.60
<b>Potomac Electric Power Co Chalk.....</b>							
Maryland.....	<b>1,659</b>	<b>13,153</b>	<b>1.29</b>	<b>.98</b>	<b>9.13</b>	<b>144.2</b>	<b>37.93</b>
Garrett.....	189	13,221	1.59	1.20	9.62	131.7	34.82
Pennsylvania.....	189	13,221	1.59	1.20	9.62	131.7	34.82
Cambria.....	698	13,145	1.41	1.07	9.11	141.9	37.29
Clearfield.....	8	12,895	1.20	.93	9.80	150.9	38.92
Greene.....	7	12,562	1.78	1.42	11.40	173.5	43.59
Somerset.....	186	13,215	1.71	1.29	6.91	141.4	37.36
Washington.....	445	13,116	1.28	.97	10.23	142.4	37.36
Virginia.....	52	13,256	1.45	1.10	6.95	133.5	35.38
Dickenson.....	65	13,157	1.08	.82	9.40	153.2	40.32
West Virginia.....	65	13,157	1.08	.82	9.40	153.2	40.32
Barbour.....	707	13,142	1.12	.85	8.99	149.0	39.17
Greenbrier.....	175	13,246	1.23	.93	9.02	151.6	40.16
Preston.....	52	13,069	.90	.69	9.73	142.1	37.14
Upshur.....	78	13,272	1.26	.95	8.22	161.3	42.81
Webster.....	386	13,082	1.07	.82	9.02	146.9	38.42
Webster.....	16	13,059	1.00	.77	9.25	134.4	35.09
<b>Potomac Electric Power Co Dickerson.....</b>							
Pennsylvania.....	<b>1,280</b>	<b>13,256</b>	<b>1.27</b>	<b>.96</b>	<b>8.41</b>	<b>124.8</b>	<b>33.07</b>
Greene.....	16	13,053	1.66	1.27	6.60	125.0	32.62
West Virginia.....	16	13,053	1.66	1.27	6.60	125.0	32.62
Barbour.....	1,264	13,258	1.27	.95	8.43	124.8	33.08
Preston.....	526	13,176	1.27	.96	8.81	124.3	32.76
Upshur.....	682	13,338	1.28	.96	8.10	125.1	33.37
Webster.....	48	13,064	1.06	.81	9.00	125.5	32.79
Webster.....	8	13,022	.76	.58	8.50	121.0	31.51
<b>Potomac Electric Power Co Morgantown.....</b>							
Pennsylvania.....	<b>2,538</b>	<b>13,153</b>	<b>1.46</b>	<b>1.11</b>	<b>7.28</b>	<b>137.6</b>	<b>36.20</b>
Cambria.....	2,022	13,156	1.53	1.17	6.89	135.7	35.72
Greene.....	7	12,686	1.28	1.01	8.60	153.4	38.92
Somerset.....	1,592	13,148	1.57	1.20	6.88	136.3	35.83
Washington.....	21	13,192	1.12	.85	9.70	166.0	43.80
West Virginia.....	402	13,194	1.40	1.06	6.73	131.8	34.78
Barbour.....	516	13,142	1.15	.88	8.79	144.9	38.09
Preston.....	137	13,177	1.20	.91	8.87	151.5	39.93
Upshur.....	81	13,383	1.32	.99	8.13	148.1	39.63
Upshur.....	298	13,060	1.08	.83	8.93	141.0	36.83
<b>Potomac Electric Power Co Potomac River.....</b>							
Kentucky.....	<b>1,114</b>	<b>13,146</b>	<b>.76</b>	<b>.58</b>	<b>7.96</b>	<b>144.4</b>	<b>37.96</b>
Pike.....	270	13,098	.82	.63	7.20	146.7	38.42
Pike.....	270	13,098	.82	.63	7.20	146.7	38.42

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Potomac Electric Power Co Potomac River</b>							
Virginia .....	180	13,173	0.74	0.56	8.81	142.1	37.44
Buchanan .....	56	13,099	.75	.57	8.69	142.2	37.25
Russell .....	124	13,207	.74	.56	8.87	142.1	37.52
West Virginia .....	664	13,159	.74	.56	8.04	144.0	37.91
Mingo .....	347	12,941	.76	.59	8.44	149.2	38.61
Wyoming .....	317	13,397	.72	.53	7.60	138.6	37.15
<b>PSI Energy Inc Cayuga .....</b>							
<b>Illinois .....</b>	<b>3,046</b>	<b>10,897</b>	<b>1.39</b>	<b>1.28</b>	<b>9.24</b>	<b>114.1</b>	<b>24.86</b>
Illinois .....	267	10,928	1.26	1.16	8.11	109.6	23.95
Vermilion .....	267	10,928	1.26	1.16	8.11	109.6	23.95
Indiana .....	2,779	10,894	1.40	1.29	9.35	114.5	24.95
Daviess .....	580	11,125	.60	.54	7.19	122.6	27.29
Gibson .....	10	11,052	1.31	1.19	7.50	132.1	29.20
Greene .....	1,460	10,944	1.85	1.69	10.01	110.0	24.07
Knox .....	33	11,036	.64	.58	7.40	129.3	28.54
Parke .....	35	11,818	1.98	1.67	6.39	93.2	22.02
Vigo .....	661	10,522	1.11	1.06	10.08	117.6	24.75
<b>PSI Energy Inc Edwardsport .....</b>							
<b>Indiana .....</b>	<b>264</b>	<b>11,005</b>	<b>1.60</b>	<b>1.46</b>	<b>9.24</b>	<b>92.2</b>	<b>20.28</b>
Indiana .....	264	11,005	1.60	1.46	9.24	92.2	20.28
Daviess .....	13	11,307	2.34	2.07	7.90	82.5	18.66
Gibson .....	22	11,235	.55	.49	7.17	99.9	22.45
Greene .....	15	11,096	.94	.84	8.36	97.7	21.67
Knox .....	211	10,981	1.72	1.57	9.62	91.5	20.11
Unknown <sup>2</sup> .....	3	9,403	1.39	1.48	8.10	92.3	17.36
<b>PSI Energy Inc Gallagher .....</b>							
<b>Illinois .....</b>	<b>1,287</b>	<b>12,706</b>	<b>2.11</b>	<b>1.66</b>	<b>7.81</b>	<b>114.7</b>	<b>29.14</b>
Illinois .....	164	11,496	1.75	1.52	9.86	110.9	25.50
Gallatin .....	44	12,781	2.42	1.89	8.02	90.6	23.15
Wabash .....	120	11,023	1.50	1.36	10.54	119.6	26.36
Indiana .....	155	11,061	1.67	1.51	9.23	118.9	26.31
Daviess .....	20	11,697	2.08	1.78	7.01	105.5	24.69
Gibson .....	2	10,799	1.84	1.70	10.00	110.2	23.80
Greene .....	61	11,084	1.47	1.33	9.53	110.1	24.41
Knox .....	17	11,065	1.30	1.18	9.57	107.7	23.83
Vigo .....	56	10,819	1.84	1.71	9.56	137.6	29.78
Kentucky .....	38	12,386	1.98	1.60	9.79	97.5	24.16
Floyd .....	3	12,096	1.50	1.24	10.10	108.1	26.15
Magoffin .....	11	12,400	2.09	1.68	10.26	88.1	21.85
Union .....	7	12,500	1.99	1.59	9.00	88.2	22.05
Webster .....	17	12,389	1.99	1.60	9.72	105.7	26.20
Pennsylvania .....	451	13,135	2.23	1.70	7.58	108.7	28.55
Greene .....	441	13,129	2.24	1.71	7.61	108.7	28.53
Washington .....	10	13,407	1.70	1.26	6.31	109.3	29.31
West Virginia .....	478	13,279	2.27	1.71	6.70	121.5	32.28
Fayette .....	3	12,943	1.50	1.16	12.50	126.3	32.69
Monongalia .....	473	13,284	2.29	1.72	6.64	121.5	32.28
Unknown <sup>2</sup> .....	2	12,655	.08	.06	12.30	128.3	32.47
<b>PSI Energy Inc Gibson Station .....</b>							
<b>Illinois .....</b>	<b>9,207</b>	<b>11,050</b>	<b>1.81</b>	<b>1.64</b>	<b>8.79</b>	<b>106.9</b>	<b>23.62</b>
Illinois .....	1,063	10,997	1.52	1.38	10.53	106.3	23.38
Wabash .....	1,063	10,997	1.52	1.38	10.53	106.3	23.38
Indiana .....	8,143	11,057	1.85	1.67	8.57	107.0	23.65
Daviess .....	512	11,078	.62	.56	7.64	118.2	26.19
Gibson .....	6,010	11,142	2.16	1.94	8.55	101.1	22.53
Knox .....	173	11,010	.52	.47	7.68	116.8	25.71
Sullivan .....	53	10,672	1.00	.94	8.90	119.3	25.46
Vigo .....	1,396	10,705	1.14	1.06	9.10	127.2	27.24
<b>PSI Energy Inc Noblesville .....</b>							
<b>Indiana .....</b>	<b>203</b>	<b>11,458</b>	<b>1.96</b>	<b>1.71</b>	<b>8.20</b>	<b>116.1</b>	<b>26.60</b>
Indiana .....	203	11,458	1.96	1.71	8.20	116.1	26.60
Clay .....	9	10,232	1.95	1.91	14.20	106.2	21.73
Daviess .....	18	11,497	2.28	1.98	7.36	114.4	26.30
Gibson .....	1	11,228	.52	.46	7.30	142.3	31.95
Greene .....	47	11,202	2.05	1.83	9.35	118.1	26.46
Knox .....	52	11,155	1.54	1.38	8.37	132.5	29.56
Parke .....	76	11,968	2.14	1.79	6.84	105.6	25.27

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>PSI Energy Inc Wabash River</b> .....	<b>2,024</b>	<b>10,895</b>	<b>1.88</b>	<b>1.72</b>	<b>9.71</b>	<b>108.5</b>	<b>23.65</b>
Indiana.....	2,024	10,895	1.88	1.72	9.71	108.5	23.65
Clay.....	58	11,317	1.82	1.61	8.50	106.7	24.15
Gibson.....	3	11,238	1.47	1.31	8.30	116.1	26.09
Greene.....	1,733	10,918	1.98	1.81	9.78	108.5	23.68
Vigo.....	229	10,611	1.13	1.07	9.49	109.6	23.25
<b>Public Service Co of Colorado Araphoe</b> .....	<b>799</b>	<b>8,790</b>	<b>.28</b>	<b>.32</b>	<b>5.34</b>	<b>82.9</b>	<b>14.57</b>
Wyoming.....	799	8,790	.28	.32	5.34	82.9	14.57
Campbell.....	225	8,748	.33	.37	5.35	84.6	14.79
Converse.....	574	8,806	.27	.31	5.34	82.2	14.48
<b>Public Service Co of Colorado Cameo</b> .....	<b>325</b>	<b>10,940</b>	<b>.59</b>	<b>.54</b>	<b>15.30</b>	<b>117.3</b>	<b>25.68</b>
Colorado.....	325	10,940	.59	.54	15.30	117.3	25.68
Mesa.....	300	10,930	.59	.54	15.39	119.2	26.06
Routt.....	26	11,057	.60	.54	14.19	95.7	21.16
<b>Public Service Co of Colorado Cherokee</b> .....	<b>2,203</b>	<b>11,229</b>	<b>.48</b>	<b>.43</b>	<b>9.15</b>	<b>100.6</b>	<b>22.60</b>
Colorado.....	2,203	11,229	.48	.43	9.15	100.6	22.60
Moffat.....	11	10,145	.30	.30	6.37	93.3	18.93
Routt.....	2,192	11,235	.48	.43	9.17	100.7	22.62
<b>Public Service Co of Colorado Comanche</b> .....	<b>2,975</b>	<b>8,575</b>	<b>.29</b>	<b>.34</b>	<b>4.38</b>	<b>93.7</b>	<b>16.06</b>
Wyoming.....	2,975	8,575	.29	.34	4.38	93.7	16.06
Campbell.....	2,975	8,575	.29	.34	4.38	93.7	16.06
<b>Public Service Co of Colorado Hayden</b> .....	<b>1,363</b>	<b>10,618</b>	<b>.41</b>	<b>.38</b>	<b>7.89</b>	<b>107.7</b>	<b>22.87</b>
Colorado.....	1,363	10,618	.41	.38	7.89	107.7	22.87
Routt.....	1,363	10,618	.41	.38	7.89	107.7	22.87
<b>Public Service Co of Colorado Pawnee</b> .....	<b>2,591</b>	<b>8,389</b>	<b>.34</b>	<b>.40</b>	<b>4.70</b>	<b>85.5</b>	<b>14.34</b>
Wyoming.....	2,591	8,389	.34	.40	4.70	85.5	14.34
Campbell.....	2,591	8,389	.34	.40	4.70	85.5	14.34
<b>Public Service Co of Colorado Valmont</b> .....	<b>340</b>	<b>10,977</b>	<b>.44</b>	<b>.40</b>	<b>8.21</b>	<b>109.6</b>	<b>24.07</b>
Colorado.....	340	10,977	.44	.40	8.21	109.6	24.07
Moffat.....	11	10,446	.33	.32	5.92	109.8	22.94
Routt.....	330	10,994	.45	.41	8.28	109.6	24.11
<b>Public Service Co of NH Merrimack</b> .....	<b>815</b>	<b>13,224</b>	<b>1.76</b>	<b>1.33</b>	<b>6.77</b>	<b>157.6</b>	<b>41.03</b>
Ohio.....	7	13,017	2.44	1.87	6.20	157.6	41.03
Unknown <sup>2</sup> .....	7	13,017	2.44	1.87	6.20	157.6	41.03
Pennsylvania.....	625	13,188	1.60	1.22	6.79	158.3	41.76
Greene.....	400	13,139	1.68	1.28	6.94	154.9	40.71
Washington.....	158	13,259	1.45	1.09	6.51	163.9	43.47
Westmoreland.....	67	13,318	1.51	1.13	6.57	165.0	43.96
West Virginia.....	184	13,351	2.25	1.69	6.71	152.0	40.58
Monongalia.....	184	13,351	2.25	1.69	6.71	152.0	40.58
<b>Public Service Co of NH Schiller</b> .....	<b>520</b>	<b>12,990</b>	<b>.67</b>	<b>.52</b>	<b>5.53</b>	<b>142.6</b>	<b>37.05</b>
Pennsylvania.....	13	13,064	1.88	1.44	7.30	155.6	40.65
Greene.....	13	13,064	1.88	1.44	7.30	155.6	40.65
Imported.....	507	12,990	.67	.52	5.53	142.6	37.05
Imported Coal.....	507	12,990	.67	.52	5.53	142.6	37.05
<b>Public Service Co of NM San Juan</b> .....	<b>6,623</b>	<b>9,303</b>	<b>.83</b>	<b>.89</b>	<b>25.83</b>	<b>173.8</b>	<b>32.33</b>
New Mexico.....	6,623	9,303	.83	.89	25.83	173.8	32.33
San Juan.....	6,623	9,303	.83	.89	25.83	173.8	32.33
<b>Public Service Co of Oklahoma Northeastern</b> .....	<b>3,716</b>	<b>8,643</b>	<b>.21</b>	<b>.24</b>	<b>4.59</b>	<b>118.0</b>	<b>20.40</b>
Wyoming.....	3,716	8,643	.21	.24	4.59	118.0	20.40
Campbell.....	3,716	8,643	.21	.24	4.59	118.0	20.40
<b>Public Service Electric&amp;Gas Co Hudson</b> .....	<b>886</b>	<b>12,864</b>	<b>.80</b>	<b>.62</b>	<b>8.92</b>	<b>146.3</b>	<b>37.64</b>
Kentucky.....	151	12,864	.80	.62	8.92	146.3	37.64
Pike.....	151	12,864	.80	.62	8.92	146.3	37.64

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Public Service Electric&amp;Gas Co Hudson</b>							
West Virginia.....	736	12,597	0.89	0.71	11.42	141.0	35.53
Boone.....	376	12,762	.82	.64	9.74	145.3	37.09
Webster.....	360	12,425	.97	.78	13.17	136.4	33.89
<b>Public Service Electric&amp;Gas Co Mercer</b>	<b>1,025</b>	<b>13,766</b>	<b>.71</b>	<b>.52</b>	<b>5.94</b>	<b>140.5</b>	<b>38.68</b>
Virginia.....	716	13,761	.71	.51	5.95	140.6	38.70
Buchanan.....	693	13,762	.71	.51	5.95	140.6	38.70
Russell.....	22	13,731	.74	.54	6.03	140.4	38.57
West Virginia.....	309	13,778	.72	.52	5.91	140.3	38.65
McDowell.....	42	13,756	.71	.51	5.98	140.3	38.60
Wyoming.....	268	13,782	.72	.52	5.89	140.3	38.66
<b>Richmond City of Whitewater</b>	<b>334</b>	<b>11,994</b>	<b>2.68</b>	<b>2.23</b>	<b>9.15</b>	<b>124.1</b>	<b>29.77</b>
Indiana.....	123	11,423	2.60	2.28	8.26	127.0	29.02
Daviess.....	118	11,426	2.62	2.29	8.22	126.8	28.97
Greene.....	5	11,355	2.17	1.91	9.15	132.9	30.18
Kentucky.....	83	12,459	2.47	1.99	8.46	122.8	30.60
Breathitt.....	6	11,120	2.11	1.90	14.81	125.9	28.00
Knott.....	76	12,573	2.51	1.99	7.92	122.6	30.83
West Virginia.....	128	12,244	2.88	2.36	10.47	122.3	29.96
Fayette.....	4	11,903	2.32	1.95	13.10	126.9	30.22
Marshall.....	91	12,303	2.99	2.43	9.90	123.6	30.42
Nicholas.....	32	12,124	2.67	2.20	11.72	118.1	28.63
<b>Rochester Gas &amp; Electric Corp Beebe 3</b>	<b>25</b>	<b>12,616</b>	<b>1.89</b>	<b>1.50</b>	<b>10.77</b>	<b>155.8</b>	<b>39.31</b>
Pennsylvania.....	25	12,616	1.89	1.50	10.77	155.8	39.31
Westmoreland.....	25	12,616	1.89	1.50	10.77	155.8	39.31
<b>Rochester Gas &amp; Electric Corp Russell 7</b>	<b>554</b>	<b>13,205</b>	<b>2.15</b>	<b>1.63</b>	<b>7.16</b>	<b>139.8</b>	<b>36.93</b>
Pennsylvania.....	181	13,059	2.04	1.56	7.27	141.4	36.93
Clarion.....	*	12,892	1.32	1.02	7.60	140.4	36.20
Elk.....	12	12,882	2.41	1.87	9.26	156.1	40.21
Greene.....	168	13,072	2.01	1.54	7.12	140.3	36.69
West Virginia.....	373	13,276	2.20	1.66	7.10	139.1	36.94
Marion.....	39	13,168	1.99	1.51	7.28	147.7	38.90
Monongalia.....	335	13,289	2.22	1.67	7.08	138.1	36.71
<b>Rochester Public Utilities Silver Lake</b>	<b>106</b>	<b>11,069</b>	<b>.88</b>	<b>.80</b>	<b>8.84</b>	<b>158.4</b>	<b>35.08</b>
Illinois.....	23	12,030	1.11	.92	6.90	162.5	39.10
Saline.....	23	12,030	1.11	.92	6.90	162.5	39.10
Indiana.....	83	10,791	.82	.76	9.40	157.3	33.94
Sullivan.....	83	10,791	.82	.76	9.40	157.3	33.94
Kentucky.....	*	13,500	1.00	.74	6.00	150.0	40.50
Perry.....	*	13,500	1.00	.74	6.00	150.0	40.50
Wyoming.....	*	8,800	.32	.36	5.00	92.0	16.19
Campbell.....	*	8,800	.32	.36	5.00	92.0	16.19
<b>Salt River Proj Ag I &amp; P Dist Coronado</b>	<b>2,835</b>	<b>9,902</b>	<b>.43</b>	<b>.43</b>	<b>14.34</b>	<b>160.3</b>	<b>31.74</b>
New Mexico.....	2,773	9,925	.43	.43	14.56	161.0	31.96
Colfax.....	38	11,060	.59	.54	20.87	180.9	40.02
Mckinley.....	2,735	9,909	.43	.43	14.48	160.7	31.85
Wyoming.....	61	8,857	.18	.20	4.38	121.9	21.60
Campbell.....	61	8,857	.18	.20	4.38	121.9	21.60
<b>Salt River Proj Ag I &amp; P Dist Navajo</b>	<b>8,129</b>	<b>10,941</b>	<b>.53</b>	<b>.48</b>	<b>9.44</b>	<b>116.7</b>	<b>25.54</b>
Arizona.....	8,129	10,941	.53	.48	9.44	116.7	25.54
Navajo.....	8,129	10,941	.53	.48	9.44	116.7	25.54
<b>San Antonio City of JT Deely/Spruce</b>	<b>6,879</b>	<b>8,470</b>	<b>.33</b>	<b>.39</b>	<b>5.73</b>	<b>96.2</b>	<b>16.29</b>
Wyoming.....	6,879	8,470	.33	.39	5.73	96.2	16.29
Campbell.....	6,849	8,468	.33	.39	5.74	96.2	16.29
Converse.....	30	8,858	.29	.33	5.25	97.4	17.25
<b>San Miguel Electric Coop Inc San Miguel</b>	<b>3,086</b>	<b>5,271</b>	<b>1.76</b>	<b>3.34</b>	<b>26.86</b>	<b>72.3</b>	<b>7.62</b>

See footnotes at end of table.

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



**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>San Miguel Electric Coop Inc San Miguel</b>							
Texas .....	3,086	5,271	1.76	3.34	26.86	72.3	7.62
Atascosa .....	2,322	5,275	1.76	3.34	26.83	72.3	7.63
McMullen .....	764	5,259	1.77	3.36	26.96	72.3	7.61
<b>Savannah Electric &amp; Power Inc Kraft .....</b>	<b>444</b>	<b>12,542</b>	<b>.75</b>	<b>.60</b>	<b>7.21</b>	<b>139.6</b>	<b>35.01</b>
Kentucky .....	15	12,629	.74	.58	6.83	148.5	37.50
Bell .....	15	12,629	.74	.58	6.83	148.5	37.50
Imported .....	429	12,539	.75	.60	7.23	139.3	34.92
Imported Coal .....	429	12,539	.75	.60	7.23	139.3	34.92
<b>Savannah Electric &amp; Power Inc McIntosh .....</b>	<b>348</b>	<b>11,384</b>	<b>.94</b>	<b>.83</b>	<b>16.40</b>	<b>145.9</b>	<b>33.22</b>
Kentucky .....	343	11,371	.94	.83	16.53	146.1	33.22
Perry .....	343	11,371	.94	.83	16.53	146.1	33.22
Imported .....	5	12,205	.87	.71	8.24	137.3	33.51
Imported Coal .....	5	12,205	.87	.71	8.24	137.3	33.51
<b>Seminole Electric Coop Inc Seminole .....</b>	<b>3,109</b>	<b>12,436</b>	<b>2.85</b>	<b>2.30</b>	<b>7.46</b>	<b>162.4</b>	<b>40.38</b>
Illinois .....	1,278	11,769	2.98	2.53	7.46	177.3	41.74
White .....	1,278	11,769	2.98	2.53	7.46	177.3	41.74
Kentucky .....	882	12,524	2.88	2.30	7.87	163.9	41.06
Webster .....	882	12,524	2.88	2.30	7.87	163.9	41.06
West Virginia .....	949	13,251	2.66	2.01	7.08	143.1	37.93
Harrison .....	465	13,112	3.14	2.39	7.53	143.7	37.68
Monongalia .....	484	13,384	2.20	1.64	6.64	142.6	38.17
<b>Sierra Pacific Power Co North Valmy .....</b>	<b>1,676</b>	<b>11,548</b>	<b>.41</b>	<b>.36</b>	<b>8.63</b>	<b>140.5</b>	<b>32.45</b>
Utah .....	1,676	11,548	.41	.36	8.63	140.5	32.45
Carbon .....	465	11,618	.49	.42	9.14	103.1	23.96
Emery .....	267	12,220	.49	.40	9.25	100.9	24.65
Sevier .....	944	11,324	.35	.31	8.20	171.5	38.83
<b>Sikeston City of Sikeston .....</b>	<b>1,006</b>	<b>8,750</b>	<b>.34</b>	<b>.39</b>	<b>5.55</b>	<b>100.5</b>	<b>17.59</b>
Wyoming .....	1,006	8,750	.34	.39	5.55	100.5	17.59
Campbell .....	1,006	8,750	.34	.39	5.55	100.5	17.59
<b>South Carolina Electric&amp;Gas Co Canadys .....</b>	<b>439</b>	<b>12,802</b>	<b>1.31</b>	<b>1.02</b>	<b>8.85</b>	<b>148.6</b>	<b>38.06</b>
Kentucky .....	305	12,789	1.33	1.04	8.62	147.2	37.65
Harlan .....	17	12,807	1.12	.87	8.40	144.4	36.99
Knott .....	10	12,955	1.12	.86	7.60	139.2	36.07
Martin .....	23	12,670	1.33	1.05	9.85	160.3	40.62
Pike .....	256	12,792	1.36	1.06	8.56	146.5	37.49
Tennessee .....	33	13,043	1.29	.99	6.67	154.6	40.32
Claiborne .....	33	13,043	1.29	.99	6.67	154.6	40.32
Virginia .....	101	12,766	1.24	.97	10.27	151.0	38.56
Dickenson .....	45	12,722	1.11	.87	8.85	151.7	38.60
Wise .....	56	12,801	1.35	1.06	11.41	150.5	38.53
<b>South Carolina Electric&amp;Gas Co Cope .....</b>	<b>1,034</b>	<b>12,555</b>	<b>1.13</b>	<b>.90</b>	<b>9.99</b>	<b>144.9</b>	<b>36.38</b>
Kentucky .....	951	12,544	1.13	.90	10.10	144.8	36.32
Breathitt .....	90	12,173	1.54	1.27	11.51	144.7	35.23
Knott .....	418	12,462	1.20	.96	10.82	143.4	35.75
Letcher .....	28	11,871	1.05	.88	14.06	132.9	31.56
Martin .....	65	12,544	1.09	.87	10.60	155.8	39.08
Perry .....	125	12,837	.76	.59	7.43	143.2	36.77
Pike .....	226	12,760	1.07	.84	9.08	146.3	37.35
Virginia .....	83	12,689	1.11	.88	8.71	145.9	37.03
Dickenson .....	75	12,682	1.07	.84	8.37	145.7	36.95
Wise .....	8	12,750	1.54	1.21	11.89	148.1	37.77
<b>South Carolina Electric&amp;Gas Co Mcmeekin .....</b>	<b>686</b>	<b>12,923</b>	<b>1.23</b>	<b>.95</b>	<b>9.04</b>	<b>150.4</b>	<b>38.88</b>
Kentucky .....	115	12,585	1.26	1.00	10.20	149.5	37.62
Breathitt .....	8	12,159	1.65	1.36	11.40	151.1	36.74
Knott .....	9	13,039	1.23	.94	7.80	151.4	39.48
Perry .....	*	12,372	.78	.63	7.50	146.7	36.30
Pike .....	98	12,581	1.23	.98	10.31	149.2	37.53

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>South Carolina Electric&amp;Gas Co Mcmeekin</b>							
Tennessee .....	17	12,691	1.26	0.99	8.03	157.0	39.86
Claiborne.....	17	12,691	1.26	.99	8.03	157.0	39.86
Virginia .....	554	13,001	1.22	.94	8.83	150.4	39.12
Dickenson .....	554	13,001	1.22	.94	8.83	150.4	39.12
<b>South Carolina Electric&amp;Gas Co Urguhart.....</b>							
Kentucky .....	622	12,957	1.23	.95	8.90	155.0	40.17
Kentucky .....	285	12,902	1.19	.92	9.78	152.4	39.32
Clay .....	22	12,949	1.17	.90	10.80	160.0	41.44
Knott .....	30	13,073	1.24	.95	8.07	139.1	36.37
Martin .....	30	12,514	1.19	.95	10.44	154.2	38.60
Pike .....	204	12,929	1.18	.91	9.82	153.3	39.64
Tennessee .....	216	12,926	1.33	1.03	7.49	160.0	41.36
Claiborne.....	216	12,926	1.33	1.03	7.49	160.0	41.36
Virginia .....	112	13,157	1.18	.89	9.44	153.5	40.38
Dickenson .....	71	13,306	1.05	.79	8.66	154.9	41.22
Wise .....	41	12,896	1.40	1.09	10.79	150.9	38.93
West Virginia.....	9	12,957	.84	.65	8.70	137.1	35.53
Boone .....	9	12,957	.84	.65	8.70	137.1	35.53
<b>South Carolina Electric&amp;Gas Co Wateree.....</b>							
Kentucky .....	1,707	12,545	1.24	.99	10.37	147.7	37.06
Kentucky .....	1,238	12,436	1.24	1.00	10.84	147.3	36.63
Bell .....	10	12,543	1.90	1.51	8.80	136.2	34.17
Breathitt .....	63	12,188	1.64	1.34	10.12	145.8	35.54
Harlan .....	51	12,574	.96	.77	9.92	147.4	37.08
Knott .....	329	12,209	1.41	1.15	11.99	144.6	35.32
Letcher .....	18	12,363	1.12	.91	12.09	133.4	32.98
Martin .....	185	12,178	1.30	1.07	10.81	149.2	36.34
Perry.....	41	12,761	.81	.63	8.50	149.7	38.20
Pike .....	542	12,653	1.13	.89	10.49	148.8	37.65
Tennessee .....	201	12,777	1.42	1.11	7.98	151.6	38.73
Claiborne.....	201	12,777	1.42	1.11	7.98	151.6	38.73
Virginia .....	138	12,798	1.27	.99	10.70	148.2	37.94
Dickenson .....	50	12,855	1.08	.84	9.29	147.2	37.84
Wise .....	88	12,766	1.37	1.07	11.50	148.8	37.99
West Virginia.....	130	12,956	.89	.68	9.32	145.6	37.72
Boone .....	130	12,956	.89	.68	9.32	145.6	37.72
<b>South Carolina Electric&amp;Gas Co Williams.....</b>							
Kentucky .....	1,590	12,845	.76	.59	7.93	150.6	38.69
Kentucky .....	1,590	12,845	.76	.59	7.93	150.6	38.69
Knott .....	450	12,770	.82	.64	8.15	150.0	38.31
Perry.....	382	12,817	.76	.59	8.01	150.6	38.62
Pike .....	758	12,903	.72	.56	7.76	150.9	38.94
<b>South Carolina Pub Serv Auth Cross.....</b>							
Kentucky .....	2,686	12,824	1.11	.87	8.23	133.3	34.19
Kentucky .....	2,686	12,824	1.11	.87	8.23	133.3	34.19
Harlan .....	998	12,816	1.06	.83	8.06	133.2	34.13
Knott .....	21	12,784	1.45	1.13	8.71	128.1	32.76
Letcher .....	107	12,708	1.25	.98	9.68	127.6	32.44
Pike .....	1,561	12,838	1.14	.88	8.23	133.9	34.37
<b>South Carolina Pub Serv Auth Grainger.....</b>							
Kentucky .....	299	12,898	1.57	1.22	7.46	150.7	38.87
Kentucky .....	299	12,898	1.57	1.22	7.46	150.7	38.87
Harlan .....	64	12,641	1.40	1.10	8.47	147.9	37.40
Letcher .....	180	12,935	1.70	1.32	6.99	151.2	39.11
Pike .....	55	13,076	1.33	1.02	7.83	152.2	39.80
<b>South Carolina Pub Serv Auth Jefferies.....</b>							
Kentucky .....	698	13,044	1.52	1.16	8.11	132.7	34.62
Kentucky .....	688	13,040	1.51	1.16	8.09	132.8	34.63
Clay .....	10	12,676	1.69	1.33	10.80	127.7	32.37
Harlan .....	51	12,519	1.37	1.10	9.39	133.0	33.31
Knott .....	79	12,672	1.58	1.25	9.77	130.4	33.06
Letcher .....	335	13,259	1.72	1.29	6.70	132.3	35.09
Pike .....	213	12,974	1.20	.92	9.24	134.5	34.91
Virginia .....	10	13,300	1.72	1.29	9.20	128.0	34.05
Dickenson .....	10	13,300	1.72	1.29	9.20	128.0	34.05
<b>South Carolina Pub Serv Auth Winyah.....</b>							
	2,343	12,909	1.17	.90	8.48	133.0	34.33

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>South Carolina Pub Serv Auth Winyah</b>							
Kentucky .....	2,343	12,909	1.17	0.90	8.48	133.0	34.33
Harlan .....	635	12,812	1.11	.86	8.36	132.8	34.03
Knott .....	68	12,583	1.40	1.11	10.01	129.7	32.64
Letcher .....	338	13,275	1.50	1.13	6.60	131.9	35.03
Pike .....	1,302	12,879	1.10	.85	8.95	133.5	34.38
<b>South Mississippi El Pwr Assn R D Morrow</b>	<b>1,038</b>	<b>12,381</b>	<b>.88</b>	<b>.71</b>	<b>9.69</b>	<b>189.5</b>	<b>46.93</b>
Kentucky .....	1,038	12,381	.88	.71	9.69	189.5	46.93
Leslie .....	1,038	12,381	.88	.71	9.69	189.5	46.93
<b>Southern California Edison Co Mohave</b>	<b>4,493</b>	<b>10,981</b>	<b>.49</b>	<b>.44</b>	<b>9.79</b>	<b>130.5</b>	<b>28.65</b>
Arizona .....	4,493	10,981	.49	.44	9.79	130.5	28.65
Navajo .....	4,493	10,981	.49	.44	9.79	130.5	28.65
<b>Southern Illinois Power Coop Marion</b>	<b>775</b>	<b>10,708</b>	<b>2.82</b>	<b>2.64</b>	<b>16.83</b>	<b>94.6</b>	<b>20.25</b>
Illinois .....	770	10,721	2.84	2.65	16.88	94.5	20.26
Gallatin .....	73	9,780	2.55	2.61	20.48	69.8	13.65
Jefferson .....	36	8,418	1.65	1.96	22.15	52.1	8.76
Perry .....	196	11,210	2.61	2.33	11.34	110.6	24.80
Saline .....	247	11,756	3.67	3.12	17.14	105.8	24.87
Williamson .....	218	9,806	2.39	2.44	19.49	76.8	15.06
Wyoming .....	5	8,580	.54	.63	8.64	108.2	18.58
Campbell .....	5	8,580	.54	.63	8.64	108.2	18.58
<b>Southern Indiana Gas &amp; Elec Co A B Brown</b>	<b>1,322</b>	<b>11,496</b>	<b>3.70</b>	<b>3.21</b>	<b>8.27</b>	<b>99.0</b>	<b>22.75</b>
Illinois .....	90	11,670	1.43	1.23	6.78	126.9	29.61
Wabash .....	90	11,670	1.43	1.23	6.78	126.9	29.61
Indiana .....	1,231	11,484	3.86	3.36	8.38	96.9	22.25
Pike .....	1,231	11,484	3.86	3.36	8.38	96.9	22.25
<b>Southern Indiana Gas &amp; Elec Co Culley</b>	<b>1,199</b>	<b>11,655</b>	<b>4.01</b>	<b>3.44</b>	<b>9.80</b>	<b>93.9</b>	<b>21.89</b>
Indiana .....	1,066	11,483	4.33	3.77	10.11	89.7	20.60
Warrick .....	1,066	11,483	4.33	3.77	10.11	89.7	20.60
Kentucky .....	2	11,403	.96	.84	7.10	115.0	26.23
Ohio .....	2	11,403	.96	.84	7.10	115.0	26.23
Pennsylvania .....	132	13,056	1.52	1.16	7.34	123.7	32.30
Greene .....	132	13,056	1.52	1.16	7.34	123.7	32.30
<b>Southern Indiana Gas &amp; Elec Co Warrick</b>	<b>262</b>	<b>11,047</b>	<b>2.66</b>	<b>2.41</b>	<b>9.95</b>	<b>94.9</b>	<b>20.96</b>
Indiana .....	262	11,047	2.66	2.41	9.95	94.9	20.96
Gibson .....	262	11,047	2.66	2.41	9.95	94.9	20.96
<b>Southwestern Electric Power Co Flint Creek</b>	<b>2,328</b>	<b>8,573</b>	<b>.27</b>	<b>.31</b>	<b>4.51</b>	<b>141.5</b>	<b>24.25</b>
Wyoming .....	2,328	8,573	.27	.31	4.51	141.5	24.25
Campbell .....	2,328	8,573	.27	.31	4.51	141.5	24.25
<b>Southwestern Electric Power Co Pirkey</b>	<b>3,627</b>	<b>6,583</b>	<b>1.17</b>	<b>1.78</b>	<b>14.34</b>	<b>110.2</b>	<b>14.51</b>
Texas .....	3,627	6,583	1.17	1.78	14.34	110.2	14.51
Harrison .....	3,627	6,583	1.17	1.78	14.34	110.2	14.51
<b>Southwestern Electric Power Co Welsh Station</b>	<b>6,893</b>	<b>8,494</b>	<b>.30</b>	<b>.36</b>	<b>4.67</b>	<b>154.1</b>	<b>26.18</b>
Wyoming .....	6,893	8,494	.30	.36	4.67	154.1	26.18
Campbell .....	6,893	8,494	.30	.36	4.67	154.1	26.18
<b>Southwestern Public Service Co Harrington</b>	<b>4,403</b>	<b>8,910</b>	<b>.35</b>	<b>.39</b>	<b>5.41</b>	<b>118.6</b>	<b>21.14</b>
Wyoming .....	4,403	8,910	.35	.39	5.41	118.6	21.14
Campbell .....	4,403	8,910	.35	.39	5.41	118.6	21.14
<b>Southwestern Public Service Co Tolk</b>	<b>4,557</b>	<b>8,682</b>	<b>.33</b>	<b>.39</b>	<b>5.33</b>	<b>172.0</b>	<b>29.87</b>
Wyoming .....	4,557	8,682	.33	.39	5.33	172.0	29.87
Campbell .....	4,557	8,682	.33	.39	5.33	172.0	29.87
<b>Springfield City of (MO) James River</b>	<b>950</b>	<b>9,373</b>	<b>.33</b>	<b>.35</b>	<b>4.60</b>	<b>112.6</b>	<b>21.10</b>
Illinois .....	140	12,052	1.17	.97	6.47	150.5	36.27
Jefferson .....	140	12,052	1.17	.97	6.47	150.5	36.27

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Springfield City of (MO) James River</b>							
Wyoming .....	810	8,910	0.19	0.21	4.27	103.7	18.48
Campbell.....	810	8,910	.19	.21	4.27	103.7	18.48
<b>Springfield City of (MO) Southwest .....</b>	<b>807</b>	<b>8,914</b>	<b>.18</b>	<b>.21</b>	<b>4.32</b>	<b>100.8</b>	<b>17.97</b>
Wyoming .....	807	8,914	.18	.21	4.32	100.8	17.97
Campbell.....	807	8,914	.18	.21	4.32	100.8	17.97
<b>Springfield City of (IL) Dallman.....</b>	<b>1,013</b>	<b>10,458</b>	<b>3.01</b>	<b>2.88</b>	<b>9.32</b>	<b>110.4</b>	<b>23.10</b>
Illinois .....	1,013	10,458	3.01	2.88	9.32	110.4	23.10
Logan.....	961	10,467	3.12	2.98	9.40	109.4	22.90
Macoupin.....	52	10,301	1.07	1.04	7.78	129.7	26.72
<b>Springfield City of (IL) Lakeside.....</b>	<b>97</b>	<b>10,476</b>	<b>3.12</b>	<b>2.98</b>	<b>9.44</b>	<b>109.2</b>	<b>22.87</b>
Illinois .....	97	10,476	3.12	2.98	9.44	109.2	22.87
Logan.....	97	10,476	3.12	2.98	9.44	109.2	22.87
<b>St Joseph Light and Power Co Lakeroad.....</b>	<b>457</b>	<b>9,606</b>	<b>.30</b>	<b>.31</b>	<b>5.49</b>	<b>94.4</b>	<b>18.13</b>
Wyoming .....	457	9,606	.30	.31	5.49	94.4	18.13
Campbell.....	19	8,720	.26	.30	5.19	75.8	13.21
Carbon.....	159	11,108	.40	.36	5.85	113.7	25.26
Converse.....	279	8,813	.25	.28	5.31	81.7	14.41
<b>Sunflower Electric Power Corp Holcomb Unit # 1.....</b>	<b>1,561</b>	<b>8,465</b>	<b>.31</b>	<b>.37</b>	<b>5.39</b>	<b>106.1</b>	<b>17.96</b>
Wyoming .....	1,561	8,465	.31	.37	5.39	106.1	17.96
Campbell.....	1,561	8,465	.31	.37	5.39	106.1	17.96
<b>Tampa Electric Co Davant Transfer<sup>4</sup>.....</b>	<b>6,260</b>	<b>11,601</b>	<b>2.04</b>	<b>1.76</b>	<b>7.62</b>	<b>142.0</b>	<b>32.96</b>
Illinois .....	4,034	12,060	2.31	1.92	8.46	149.1	35.96
Franklin.....	73	12,137	1.23	1.01	6.40	134.5	32.65
Gallatin.....	1,024	12,688	2.69	2.12	9.04	128.0	32.47
Perry.....	1,047	10,987	3.04	2.76	9.41	204.8	45.00
Saline.....	1,889	12,311	1.75	1.42	7.71	133.9	32.97
Kentucky.....	930	11,606	2.82	2.43	8.31	124.1	28.80
Henderson.....	61	11,150	2.51	2.25	8.22	128.8	28.72
Union.....	869	11,638	2.84	2.44	8.31	123.7	28.80
West Virginia.....	327	13,242	2.02	1.52	7.73	128.9	34.14
Monongalia.....	327	13,242	2.02	1.52	7.73	128.9	34.14
Wyoming .....	430	8,802	.20	.22	4.47	126.4	22.25
Campbell.....	430	8,802	.20	.22	4.47	126.4	22.25
Imported.....	539	9,400	.14	.14	2.61	135.4	25.46
Imported Coal.....	539	9,400	.14	.14	2.61	135.4	25.46
<b>Tampa Electric Co Gannon .....</b>	<b>471</b>	<b>12,647</b>	<b>1.17</b>	<b>.93</b>	<b>7.97</b>	<b>253.7</b>	<b>64.18</b>
Kentucky.....	471	12,647	1.17	.93	7.97	253.7	64.18
Pike.....	256	12,748	1.34	1.05	8.12	253.6	64.65
Whitley.....	215	12,527	.98	.78	7.80	253.9	63.61
<b>Tennessee Valley Authority Bull Run<sup>5</sup>.....</b>	<b>1,776</b>	<b>12,534</b>	<b>1.25</b>	<b>1.00</b>	<b>9.89</b>	<b>115.5</b>	<b>28.96</b>
Kentucky.....	1,776	12,534	1.25	1.00	9.89	115.5	28.96
Bell.....	61	12,568	1.50	1.19	9.80	121.2	30.47
Harlan.....	366	12,857	1.21	.94	8.37	115.6	29.73
Leslie.....	1,349	12,445	1.26	1.01	10.30	115.2	28.68
<b>Tennessee Valley Authority Cahokia Transfer<sup>5</sup>.....</b>	<b>30</b>	<b>11,383</b>	<b>.40</b>	<b>.35</b>	<b>9.21</b>	<b>112.4</b>	<b>25.58</b>
Colorado.....	30	11,383	.40	.35	9.21	112.4	25.58
Gunnison.....	10	11,750	.40	.34	9.30	118.8	27.92
Routt.....	20	11,200	.40	.36	9.16	109.0	24.42
<b>Tennessee Valley Authority Colbert<sup>5</sup>.....</b>	<b>1,036</b>	<b>12,151</b>	<b>2.03</b>	<b>1.67</b>	<b>11.53</b>	<b>107.4</b>	<b>26.10</b>
Kentucky.....	1,036	12,151	2.03	1.67	11.53	107.4	26.10
Floyd.....	10	11,964	.95	.79	12.37	124.2	29.71
Webster.....	1,026	12,153	2.04	1.68	11.52	107.3	26.07
<b>Tennessee Valley Authority Cora Transfer<sup>5</sup>.....</b>	<b>2,407</b>	<b>10,578</b>	<b>.48</b>	<b>.45</b>	<b>6.95</b>	<b>108.5</b>	<b>22.96</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Tennessee Valley Authority Cora Transfer<sup>5</sup></b>							
Colorado.....	21	10,572	0.48	0.45	15.10	109.1	23.06
Gunnison.....	21	10,572	.48	.45	15.10	109.1	23.06
Illinois.....	69	10,760	2.33	2.16	9.67	67.9	14.61
Franklin.....	60	10,600	2.50	2.36	10.00	59.0	12.50
Jefferson.....	9	11,800	1.20	1.02	7.50	119.7	28.25
Utah.....	1,174	12,349	.51	.41	8.01	123.9	30.61
Carbon.....	964	12,351	.51	.41	7.76	125.0	30.88
Emery.....	198	12,346	.51	.42	9.10	119.3	29.45
Sevier.....	11	12,297	.66	.54	9.77	113.2	27.85
Wyoming.....	1,143	8,747	.33	.38	5.55	89.2	15.60
Campbell.....	945	8,734	.34	.39	5.54	88.7	15.49
Converse.....	197	8,809	.26	.30	5.58	91.4	16.10
<b>Tennessee Valley Authority Cumberland<sup>5</sup></b>	<b>7,165</b>	<b>11,745</b>	<b>2.82</b>	<b>2.40</b>	<b>9.22</b>	<b>109.0</b>	<b>25.61</b>
Illinois.....	212	12,537	2.58	2.06	9.90	107.6	26.98
Gallatin.....	212	12,537	2.58	2.06	9.90	107.6	26.98
Kentucky.....	6,111	11,514	2.90	2.52	9.39	109.3	25.17
Union.....	6,100	11,513	2.90	2.52	9.39	109.3	25.17
Webster.....	11	12,200	2.60	2.13	12.00	99.2	24.20
Pennsylvania.....	842	13,226	2.32	1.75	7.75	107.5	28.44
Greene.....	842	13,226	2.32	1.75	7.75	107.5	28.44
<b>Tennessee Valley Authority Gallatin<sup>5</sup></b>	<b>88</b>	<b>12,756</b>	<b>2.52</b>	<b>1.98</b>	<b>8.28</b>	<b>112.6</b>	<b>28.73</b>
Illinois.....	88	12,756	2.52	1.98	8.28	112.6	28.73
Gallatin.....	88	12,756	2.52	1.98	8.28	112.6	28.73
<b>Tennessee Valley Authority GRT Terminal<sup>5</sup></b>	<b>8,537</b>	<b>10,889</b>	<b>1.00</b>	<b>.92</b>	<b>8.00</b>	<b>107.9</b>	<b>23.51</b>
Colorado.....	2,763	11,466	.48	.42	9.39	121.4	27.83
Delta.....	303	12,027	.46	.38	7.74	117.2	28.19
Gunnison.....	732	11,653	.49	.42	9.30	123.5	28.78
Routt.....	1,729	11,289	.48	.43	9.72	121.2	27.37
Illinois.....	902	12,382	2.01	1.62	7.99	105.9	26.23
Gallatin.....	552	12,689	2.32	1.82	8.05	102.7	26.06
Jefferson.....	138	11,802	1.12	.95	7.13	119.5	28.22
Saline.....	211	11,960	1.80	1.50	8.40	106.1	25.37
Kentucky.....	2,030	12,257	2.14	1.74	9.69	102.9	25.22
Hopkins.....	137	11,498	1.78	1.55	10.12	98.7	22.69
Webster.....	1,893	12,312	2.16	1.76	9.66	103.2	25.40
Pennsylvania.....	57	13,044	2.47	1.89	7.90	109.7	28.61
Greene.....	57	13,044	2.47	1.89	7.90	109.7	28.61
Utah.....	34	12,132	.65	.53	9.45	126.9	30.79
Carbon.....	22	12,149	.66	.54	8.75	128.9	31.33
Emery.....	11	12,098	.63	.52	10.85	122.8	29.72
Wyoming.....	2,751	8,751	.31	.36	5.35	96.1	16.81
Campbell.....	2,035	8,725	.34	.39	5.36	96.2	16.78
Converse.....	717	8,824	.24	.27	5.29	95.7	16.89
<b>Tennessee Valley Authority Johnsonville<sup>5</sup></b>	<b>1,371</b>	<b>12,356</b>	<b>1.76</b>	<b>1.43</b>	<b>7.35</b>	<b>104.3</b>	<b>25.77</b>
Illinois.....	1,371	12,356	1.76	1.43	7.35	104.3	25.77
Gallatin.....	57	12,381	1.74	1.41	7.01	101.3	25.08
Saline.....	1,314	12,355	1.76	1.43	7.36	104.4	25.80
<b>Tennessee Valley Authority Kingston<sup>5</sup></b>	<b>4,103</b>	<b>12,410</b>	<b>1.35</b>	<b>1.08</b>	<b>10.21</b>	<b>125.5</b>	<b>31.15</b>
Kentucky.....	2,605	12,417	1.44	1.16	10.09	127.1	31.55
Bell.....	1,619	12,523	1.48	1.18	9.31	125.9	31.54
Harlan.....	97	12,663	1.28	1.01	9.86	124.1	31.44
Knott.....	765	12,203	1.34	1.10	11.60	130.3	31.79
Leslie.....	91	12,000	1.80	1.50	12.00	127.4	30.58
Perry.....	34	12,610	1.33	1.05	8.58	118.5	29.89
Tennessee.....	1,088	12,389	1.24	1.00	10.74	119.0	29.49
Anderson.....	367	12,341	1.30	1.06	9.64	114.8	28.34
Cumberland.....	258	12,563	.94	.75	11.06	116.9	29.38
Morgan.....	5	12,799	1.56	1.22	9.10	117.4	30.06
Scott.....	458	12,326	1.35	1.10	11.47	123.6	30.46

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Tennessee Valley Authority Kingston<sup>5</sup></b>							
Virginia .....	368	12,841	1.13	0.88	10.06	131.8	33.85
Lee .....	83	12,508	.91	.73	9.31	137.0	34.27
Wise .....	285	12,938	1.20	.93	10.27	130.4	33.73
Wyoming .....	42	8,761	.34	.39	5.40	144.2	25.26
Campbell .....	42	8,761	.34	.39	5.40	144.2	25.26
<b>Tennessee Valley Authority Paradise<sup>5</sup></b>							
Kentucky .....	<b>6,456</b>	<b>10,643</b>	<b>4.32</b>	<b>4.06</b>	<b>19.07</b>	<b>95.0</b>	<b>20.23</b>
Christian .....	6,456	10,643	4.32	4.06	19.07	95.0	20.23
Hopkins .....	1,062	10,481	4.33	4.13	16.66	94.7	19.85
Muhlenberg .....	1,115	10,529	3.48	3.31	17.43	95.0	20.00
Union .....	2,377	10,005	5.32	5.31	24.56	91.9	18.40
Webster .....	55	11,425	2.87	2.51	9.10	104.3	23.84
.....	1,847	11,603	3.57	3.08	14.68	98.4	22.83
<b>Tennessee Valley Authority Sevier<sup>5</sup></b>							
Kentucky .....	<b>2,090</b>	<b>12,716</b>	<b>1.56</b>	<b>1.23</b>	<b>10.34</b>	<b>128.6</b>	<b>32.71</b>
Bell .....	295	12,628	1.15	.91	11.26	125.3	31.63
Harlan .....	27	12,517	2.11	1.68	9.94	112.0	28.03
Virginia .....	267	12,640	1.06	.84	11.40	126.6	32.00
Lee .....	1,796	12,730	1.63	1.28	10.19	129.2	32.89
Wise .....	855	12,680	1.49	1.17	8.99	135.6	34.38
.....	941	12,775	1.76	1.38	11.29	123.4	31.54
<b>Tennessee Valley Authority Shawnee<sup>5</sup></b>							
Colorado .....	<b>3,788</b>	<b>11,423</b>	<b>.58</b>	<b>.51</b>	<b>8.10</b>	<b>127.3</b>	<b>29.08</b>
Delta .....	3,088	11,800	.47	.40	8.34	132.1	31.18
Gunnison .....	849	12,083	.41	.34	6.91	132.8	32.08
Illinois .....	2,239	11,693	.49	.42	8.88	131.9	30.84
Saline .....	236	11,787	2.51	2.13	10.22	101.0	23.81
Wyoming .....	236	11,787	2.51	2.13	10.22	101.0	23.81
Campbell .....	465	8,736	.34	.39	5.44	101.7	17.76
Converse .....	450	8,735	.34	.39	5.42	101.8	17.79
.....	14	8,765	.34	.39	5.89	96.7	16.95
<b>Tennessee Valley Authority Widows Creek<sup>5</sup></b>							
Illinois .....	<b>3,175</b>	<b>12,168</b>	<b>2.51</b>	<b>2.07</b>	<b>10.28</b>	<b>116.3</b>	<b>28.30</b>
Gallatin .....	1,222	12,263	2.92	2.38	8.63	112.0	27.48
White .....	624	12,609	2.89	2.29	9.65	110.0	27.73
Kentucky .....	598	11,901	2.96	2.48	7.58	114.3	27.21
Hopkins .....	961	11,906	2.74	2.30	10.24	113.1	26.93
Perry .....	603	11,634	3.24	2.78	10.83	106.9	24.88
Pike .....	185	12,627	.79	.62	9.13	132.1	33.36
Union .....	18	11,800	.83	.70	13.00	131.0	30.92
Pennsylvania .....	155	12,118	3.36	2.77	8.95	110.4	26.75
Greene .....	59	13,228	2.59	1.96	7.64	112.7	29.82
Tennessee .....	59	13,228	2.59	1.96	7.64	112.7	29.82
Sequatchie .....	429	12,400	.89	.72	14.50	136.9	33.96
Virginia .....	429	12,400	.89	.72	14.50	136.9	33.96
Wise .....	61	12,540	.82	.65	9.21	138.3	34.70
West Virginia .....	61	12,540	.82	.65	9.21	138.3	34.70
Boone .....	443	12,057	2.70	2.24	11.30	111.8	26.97
Mingo .....	19	11,734	.78	.66	12.62	116.5	27.33
Monongalia .....	126	11,710	.77	.66	12.62	116.8	27.35
.....	299	12,224	3.63	2.97	10.65	109.5	26.78
<b>Texas Municipal Power Agency Gibbons Creek</b>							
Wyoming .....	<b>1,920</b>	<b>8,430</b>	<b>.33</b>	<b>.39</b>	<b>5.62</b>	<b>120.2</b>	<b>20.26</b>
Campbell .....	1,920	8,430	.33	.39	5.62	120.2	20.26
.....	1,920	8,430	.33	.39	5.62	120.2	20.26
<b>Texas-New Mexico Power Co TNP 1</b>							
Texas .....	<b>1,640</b>	<b>6,771</b>	<b>.91</b>	<b>1.34</b>	<b>18.14</b>	<b>143.3</b>	<b>19.41</b>
Robertson .....	1,640	6,771	.91	1.34	18.14	143.3	19.41
.....	1,640	6,771	.91	1.34	18.14	143.3	19.41
<b>Texas Utilities Electric Co Big Brown</b>							
Texas .....	<b>4,972</b>	<b>6,407</b>	<b>.74</b>	<b>1.15</b>	<b>15.39</b>	<b>111.5</b>	<b>14.28</b>
Freestone .....	4,972	6,407	.74	1.15	15.39	111.5	14.28
.....	4,972	6,407	.74	1.15	15.39	111.5	14.28
<b>Texas Utilities Electric Co Martin Lake</b>							
.....	<b>14,133</b>	<b>6,517</b>	<b>1.05</b>	<b>1.61</b>	<b>13.36</b>	<b>81.2</b>	<b>10.58</b>

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Texas Utilities Electric Co Martin Lake</b>							
Texas .....	14,006	6,501	1.05	1.62	13.43	80.7	10.50
Panola .....	14,006	6,501	1.05	1.62	13.43	80.7	10.50
Wyoming .....	127	8,325	.39	.47	5.09	122.7	20.43
Campbell .....	127	8,325	.39	.47	5.09	122.7	20.43
<b>Texas Utilities Electric Co Monticello</b>							
Texas .....	<b>11,628</b>	<b>6,263</b>	<b>.47</b>	<b>.75</b>	<b>16.75</b>	<b>115.1</b>	<b>14.42</b>
Titus .....	9,661	5,834	.50	.85	19.03	117.6	13.72
Wyoming .....	9,661	5,834	.50	.85	19.03	117.6	13.72
Wyoming .....	1,967	8,372	.32	.38	5.55	106.5	17.84
Campbell .....	1,967	8,372	.32	.38	5.55	106.5	17.84
<b>Texas Utilities Electric Co Sandow No 46</b>							
Texas .....	<b>3,821</b>	<b>6,892</b>	<b>1.15</b>	<b>1.67</b>	<b>16.53</b>	<b>103.0</b>	<b>14.20</b>
Milam .....	3,821	6,892	1.15	1.67	16.53	103.0	14.20
Milam .....	3,821	6,892	1.15	1.67	16.53	103.0	14.20
<b>Toledo Edison Co Bay Shore</b>							
Kentucky .....	<b>1,862</b>	<b>8,878</b>	<b>.26</b>	<b>.29</b>	<b>5.21</b>	<b>116.7</b>	<b>20.73</b>
Pike .....	22	13,259	.50	.38	6.56	132.5	35.13
Pike .....	22	13,259	.50	.38	6.56	132.5	35.13
West Virginia .....	24	12,200	.90	.74	12.50	127.4	31.09
Logan .....	24	12,200	.90	.74	12.50	127.4	31.09
Wyoming .....	1,816	8,782	.25	.28	5.10	116.3	20.42
Campbell .....	1,360	8,782	.24	.28	5.03	115.8	20.34
Converse .....	456	8,782	.27	.31	5.31	117.6	20.65
<b>Tri-State G &amp; T Assn, Inc. Craig</b>							
Colorado .....	<b>4,655</b>	<b>10,216</b>	<b>.41</b>	<b>.40</b>	<b>6.35</b>	<b>106.0</b>	<b>21.65</b>
Moffat .....	4,655	10,216	.41	.40	6.35	106.0	21.65
Moffat .....	4,522	10,184	.41	.40	6.25	107.6	21.92
Routt .....	133	11,292	.49	.43	9.85	55.8	12.61
<b>Tri-State G &amp; T Assn, Inc. Nucla</b>							
Colorado .....	<b>359</b>	<b>10,786</b>	<b>.84</b>	<b>.78</b>	<b>19.80</b>	<b>109.7</b>	<b>23.66</b>
Montrose .....	359	10,786	.84	.78	19.80	109.7	23.66
Montrose .....	359	10,786	.84	.78	19.80	109.7	23.66
<b>Tucson Electric Power Co Irvington</b>							
Colorado .....	<b>290</b>	<b>11,239</b>	<b>.47</b>	<b>.42</b>	<b>9.82</b>	<b>209.3</b>	<b>47.04</b>
Routt .....	270	11,316	.47	.42	9.64	204.7	46.33
Routt .....	270	11,316	.47	.42	9.64	204.7	46.33
New Mexico .....	20	10,195	.41	.40	12.14	278.3	56.75
Mckinley .....	20	10,195	.41	.40	12.14	278.3	56.75
<b>Tucson Electric Power Co Springerville</b>							
New Mexico .....	<b>3,232</b>	<b>9,273</b>	<b>.85</b>	<b>.92</b>	<b>16.96</b>	<b>143.3</b>	<b>26.58</b>
Mckinley .....	3,232	9,273	.85	.92	16.96	143.3	26.58
Mckinley .....	3,232	9,273	.85	.92	16.96	143.3	26.58
<b>Union Electric Co Labadie</b>							
Wyoming .....	<b>8,423</b>	<b>8,755</b>	<b>.24</b>	<b>.27</b>	<b>4.94</b>	<b>93.1</b>	<b>16.31</b>
Campbell .....	8,423	8,755	.24	.27	4.94	93.1	16.31
Campbell .....	5,627	8,732	.25	.28	4.76	94.3	16.47
Converse .....	2,796	8,800	.22	.25	5.30	90.8	15.98
<b>Union Electric Co Meramec</b>							
Illinois .....	<b>1,958</b>	<b>9,562</b>	<b>.51</b>	<b>.53</b>	<b>5.11</b>	<b>123.0</b>	<b>23.52</b>
Jackson .....	521	11,757	1.29	1.10	6.80	141.6	33.30
Jackson .....	6	11,200	2.80	2.50	11.00	131.5	29.46
Jefferson .....	109	12,000	1.20	1.00	5.10	127.9	30.70
Saline .....	406	11,700	1.29	1.10	7.20	145.6	34.06
Wyoming .....	1,437	8,766	.23	.26	4.50	113.9	19.97
Campbell .....	1,437	8,766	.23	.26	4.50	113.9	19.97
<b>Union Electric Co Rush Island</b>							
Wyoming .....	<b>4,955</b>	<b>8,480</b>	<b>.31</b>	<b>.37</b>	<b>5.29</b>	<b>88.2</b>	<b>14.97</b>
Campbell .....	4,955	8,480	.31	.37	5.29	88.2	14.97
Campbell .....	4,528	8,450	.32	.38	5.28	88.3	14.93
Converse .....	427	8,800	.22	.25	5.30	87.2	15.34
<b>Union Electric Co Sioux</b>							
Illinois .....	<b>2,453</b>	<b>9,737</b>	<b>.90</b>	<b>.92</b>	<b>5.90</b>	<b>107.3</b>	<b>20.90</b>
Jefferson .....	768	11,773	2.27	1.93	7.60	135.7	31.96
Jefferson .....	325	11,872	1.22	1.03	6.38	138.1	32.79
White .....	443	11,700	3.05	2.61	8.50	134.0	31.35

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Union Electric Co Sioux</b>							
Wyoming.....	1,685	8,809	0.27	0.30	5.13	90.0	15.86
Campbell.....	837	8,817	.32	.36	4.96	94.2	16.62
Converse.....	848	8,800	.22	.25	5.30	85.8	15.10
<b>United Illuminating Co Bridgeport Harbor.....</b>	<b>35</b>	<b>13,541</b>	<b>.61</b>	<b>.45</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
Imported.....	35	13,541	.61	.45	4.85	169.3	45.85
Imported Coal.....	35	13,541	.61	.45	4.85	169.3	45.85
<b>United Power Assn Stanton.....</b>	<b>1,062</b>	<b>6,703</b>	<b>.67</b>	<b>.99</b>	<b>9.83</b>	<b>69.7</b>	<b>9.35</b>
North Dakota.....	1,062	6,703	.67	.99	9.83	69.7	9.35
Mercer.....	1,062	6,703	.67	.99	9.83	69.7	9.35
<b>UtiliCorp United Inc Sibley.....</b>	<b>1,395</b>	<b>9,623</b>	<b>.38</b>	<b>.39</b>	<b>5.63</b>	<b>89.1</b>	<b>17.15</b>
Utah.....	88	12,076	.43	.36	7.97	113.5	27.41
Emery.....	45	12,504	.52	.42	8.39	107.0	26.76
Sevier.....	43	11,629	.33	.29	7.52	120.8	28.09
Wyoming.....	1,307	9,458	.37	.40	5.48	87.0	16.46
Campbell.....	794	8,828	.19	.22	4.59	73.5	12.98
Carbon.....	513	10,434	.66	.63	6.85	104.7	21.85
<b>Vineland City of H M Down.....</b>	<b>7</b>	<b>12,842</b>	<b>.78</b>	<b>.61</b>	<b>6.21</b>	<b>193.0</b>	<b>49.58</b>
West Virginia.....	2	12,842	.78	.61	6.21	193.1	49.60
Nicholas.....	2	12,842	.78	.61	6.21	193.1	49.60
Imported.....	5	12,842	.78	.61	6.21	193.0	49.57
Imported Coal.....	5	12,842	.78	.61	6.21	193.0	49.57
<b>Virginia Electric &amp; Power Co Breomo Bluff.....</b>	<b>545</b>	<b>12,531</b>	<b>1.79</b>	<b>1.43</b>	<b>9.31</b>	<b>141.2</b>	<b>35.39</b>
Kentucky.....	93	12,561	2.45	1.95	9.07	141.2	35.47
Letcher.....	46	12,800	2.34	1.83	8.12	140.2	35.88
Pike.....	47	12,325	2.56	2.08	10.01	142.2	35.06
Virginia.....	12	13,200	1.66	1.26	6.48	141.9	37.47
Dickenson.....	12	13,200	1.66	1.26	6.48	141.9	37.47
West Virginia.....	440	12,507	1.65	1.32	9.44	141.2	35.31
Boone.....	180	12,881	1.02	.79	7.99	141.8	36.52
Clay.....	19	12,250	1.30	1.06	10.60	140.1	34.32
Logan.....	93	12,056	1.77	1.47	10.99	138.4	33.38
Nicholas.....	147	12,366	2.39	1.93	10.09	142.3	35.19
<b>Virginia Electric &amp; Power Co Chesapeake Energy.....</b>	<b>1,681</b>	<b>12,912</b>	<b>1.28</b>	<b>.99</b>	<b>8.35</b>	<b>138.3</b>	<b>35.71</b>
Kentucky.....	43	13,397	.72	.54	5.37	129.2	34.63
Lee.....	43	13,397	.72	.54	5.37	129.2	34.63
Tennessee.....	7	12,500	1.52	1.22	9.60	140.8	35.20
Claiborne.....	7	12,500	1.52	1.22	9.60	140.8	35.20
Virginia.....	1,631	12,901	1.30	1.00	8.43	138.5	35.74
Buchanan.....	221	12,592	1.08	.86	9.61	137.1	34.53
Lee.....	37	13,000	1.22	.94	6.43	143.1	37.22
Russell.....	14	12,700	2.40	1.89	8.70	138.0	35.05
Tazewell.....	15	13,200	.99	.75	7.60	145.2	38.33
Wise.....	1,343	12,948	1.32	1.02	8.29	138.5	35.87
<b>Virginia Electric &amp; Power Co Clover.....</b>	<b>2,502</b>	<b>12,691</b>	<b>1.05</b>	<b>.83</b>	<b>9.30</b>	<b>118.6</b>	<b>30.11</b>
Kentucky.....	53	12,451	1.18	.95	10.03	125.9	31.36
Martin.....	12	12,000	1.37	1.14	9.60	123.4	29.62
Pike.....	42	12,580	1.13	.90	10.15	126.6	31.86
Virginia.....	2,449	12,696	1.05	.83	9.29	118.5	30.09
Buchanan.....	28	12,500	.82	.66	9.60	126.8	31.70
Lee.....	87	13,008	.97	.74	8.54	122.5	31.86
Wise.....	2,334	12,687	1.06	.83	9.31	118.2	30.00
<b>Virginia Electric &amp; Power Co Chesterfield.....</b>	<b>2,744</b>	<b>12,709</b>	<b>1.70</b>	<b>1.34</b>	<b>8.22</b>	<b>140.3</b>	<b>35.66</b>
Kentucky.....	1,839	12,741	1.87	1.47	7.98	140.4	35.78
Floyd.....	30	12,611	1.03	.82	8.90	140.6	35.46
Harlan.....	32	12,661	1.43	1.13	9.40	139.6	35.36
Knott.....	204	12,479	2.22	1.78	9.12	138.9	34.66
Letcher.....	914	12,976	1.77	1.37	7.05	140.9	36.57
Magoffin.....	11	12,000	2.00	1.67	10.00	136.3	32.71
Pike.....	649	12,516	1.96	1.56	8.78	140.2	35.10

See footnotes at end of table.

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



**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Virginia Electric &amp; Power Co Chesterfield</b>							
Pennsylvania.....	51	13,150	3.04	2.31	5.50	139.4	36.66
Greene.....	51	13,150	3.04	2.31	5.50	139.4	36.66
Virginia.....	99	12,694	2.07	1.63	9.10	146.4	37.17
Buchanan.....	72	12,541	2.27	1.81	9.53	146.7	36.79
Dickenson.....	27	13,099	1.53	1.17	7.93	145.8	38.19
West Virginia.....	754	12,602	1.14	.91	8.90	139.3	35.10
Boone.....	441	12,864	1.03	.80	7.83	139.9	35.99
Clay.....	30	12,300	1.30	1.06	10.33	139.3	34.26
Logan.....	163	12,062	1.40	1.16	10.95	137.4	33.14
Nicholas.....	121	12,451	1.17	.94	9.65	139.5	34.75
<b>Virginia Electric &amp; Power Co Mount Storm.....</b>							
Maryland.....	4,238	12,345	1.78	1.44	14.83	112.2	27.71
Allegany.....	2,642	12,322	1.80	1.46	15.44	107.9	26.60
Garrett.....	47	11,706	1.63	1.39	17.74	117.2	27.44
Pennsylvania.....	2,595	12,333	1.81	1.47	15.40	107.8	26.58
Somerset.....	351	12,544	1.69	1.34	13.52	118.8	29.80
West Virginia.....	351	12,544	1.69	1.34	13.52	118.8	29.80
Grant.....	1,246	12,337	1.74	1.41	13.91	119.5	29.49
Preston.....	1,147	12,336	1.74	1.41	13.82	119.8	29.55
Upshur.....	5	12,970	1.30	1.00	9.00	115.0	29.83
Upshur.....	94	12,313	1.80	1.46	15.35	116.3	28.64
<b>Virginia Electric &amp; Power Co North Branch.....</b>							
Maryland.....	146	10,280	3.61	3.52	27.06	87.5	18.00
Garrett.....	146	10,280	3.61	3.52	27.06	87.5	18.00
<b>Virginia Electric &amp; Power Co Possum Point.....</b>							
Kentucky.....	910	12,528	1.68	1.34	9.32	141.9	35.55
Floyd.....	414	12,655	1.72	1.36	8.89	142.2	35.98
Harlan.....	12	12,674	1.07	.84	8.90	135.6	34.37
Knott.....	57	12,968	.90	.70	8.04	143.3	37.17
Letcher.....	33	12,504	2.32	1.86	9.50	143.8	35.96
Pike.....	128	12,649	2.22	1.76	9.09	141.2	35.72
Virginia.....	184	12,588	1.56	1.24	8.91	142.6	35.90
Buchanan.....	62	12,852	1.44	1.12	8.96	144.1	37.04
Wise.....	27	12,652	1.82	1.44	9.45	148.6	37.61
West Virginia.....	36	13,000	1.17	.90	8.60	140.8	36.61
Boone.....	433	12,361	1.68	1.36	9.78	141.3	34.92
Logan.....	131	12,855	1.39	1.08	8.07	145.5	37.41
Nicholas.....	253	12,098	1.79	1.48	10.71	138.6	33.54
Nicholas.....	50	12,397	1.86	1.50	9.53	142.8	35.40
<b>Virginia Electric &amp; Power Co Yorktown.....</b>							
Kentucky.....	847	12,785	1.93	1.51	8.22	140.3	35.86
Breathitt.....	428	12,663	1.85	1.46	8.09	140.3	35.54
Knott.....	54	12,322	1.90	1.54	9.92	133.2	32.83
Letcher.....	84	12,272	1.92	1.56	10.06	138.0	33.87
Magoffin.....	205	13,115	1.61	1.23	6.04	143.9	37.74
Pike.....	12	12,000	2.00	1.67	10.00	136.2	32.69
Pennsylvania.....	73	12,200	2.36	1.93	9.90	138.3	33.75
Greene.....	217	13,164	2.39	1.81	6.23	138.3	36.43
Virginia.....	217	13,164	2.39	1.81	6.23	138.3	36.43
Buchanan.....	202	12,637	1.63	1.29	10.63	142.2	35.94
Dickenson.....	151	12,694	1.70	1.34	10.12	148.7	37.75
Dickenson.....	51	12,468	1.44	1.16	12.10	122.8	30.62
<b>West Penn Power Co Armstrong.....</b>							
Pennsylvania.....	774	12,397	1.81	1.46	10.81	104.9	26.00
Armstrong.....	774	12,397	1.81	1.46	10.81	104.9	26.00
Elk.....	598	12,379	1.90	1.54	10.81	102.4	25.36
Jefferson.....	118	12,471	1.53	1.23	10.56	111.4	27.79
Westmoreland.....	53	12,433	1.49	1.20	11.21	116.9	29.06
Westmoreland.....	5	12,336	1.35	1.09	11.24	113.6	28.02
<b>West Penn Power Co Hatfield.....</b>							
Pennsylvania.....	3,162	13,020	2.23	1.72	8.07	109.9	28.62
Greene.....	1,392	12,988	2.22	1.71	8.13	108.9	28.28
Greene.....	1,392	12,988	2.22	1.71	8.13	108.9	28.28

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>West Penn Power Co Hatfield</b>							
West Virginia.....	1,770	13,046	2.24	1.72	8.02	110.7	28.89
Harrison .....	234	13,014	2.30	1.76	8.10	115.4	30.03
Marion.....	149	12,978	2.21	1.70	7.64	120.2	31.21
Marshall .....	167	12,946	2.25	1.74	8.41	115.7	29.96
Monongalia .....	1,220	13,075	2.24	1.71	8.00	108.0	28.24
<b>West Penn Power Co Mitchell</b>							
Pennsylvania .....	<b>667</b>	<b>12,286</b>	<b>3.28</b>	<b>2.67</b>	<b>11.11</b>	<b>119.7</b>	<b>29.42</b>
Greene.....	72	12,788	2.34	1.83	9.92	88.8	22.72
West Virginia.....	72	12,788	2.34	1.83	9.92	88.8	22.72
Harrison .....	595	12,226	3.39	2.77	11.25	123.6	30.23
Marshall .....	11	13,057	3.05	2.34	7.33	92.0	24.02
Monongalia .....	557	12,197	3.41	2.80	11.34	124.1	30.28
.....	27	12,492	3.07	2.46	10.91	126.7	31.65
<b>West Texas Utilities Co Oklaunion</b>							
Wyoming .....	<b>2,888</b>	<b>8,416</b>	<b>.42</b>	<b>.50</b>	<b>5.35</b>	<b>130.1</b>	<b>21.90</b>
Campbell.....	2,888	8,416	.42	.50	5.35	130.1	21.90
.....	2,888	8,416	.42	.50	5.35	130.1	21.90
<b>Western Farmers Elec Coop Inc Hugo</b>							
Wyoming .....	<b>1,838</b>	<b>8,710</b>	<b>.28</b>	<b>.32</b>	<b>5.00</b>	<b>104.8</b>	<b>18.26</b>
Campbell.....	1,838	8,710	.28	.32	5.00	104.8	18.26
.....	1,838	8,710	.28	.32	5.00	104.8	18.26
<b>Wisconsin Electric Power Co Oak Creek</b>							
Colorado.....	<b>3,146</b>	<b>9,795</b>	<b>.50</b>	<b>.51</b>	<b>6.09</b>	<b>110.6</b>	<b>21.66</b>
Gunnison.....	77	11,697	.47	.41	8.73	125.8	29.42
New Mexico .....	77	11,697	.47	.41	8.73	125.8	29.42
Colfax .....	228	12,059	.59	.49	13.86	160.3	38.66
Pennsylvania .....	228	12,059	.59	.49	13.86	160.3	38.66
Greene.....	503	13,068	1.79	1.37	6.88	140.4	36.71
Wyoming .....	503	13,068	1.79	1.37	6.88	140.4	36.71
Campbell.....	2,338	8,808	.21	.24	5.07	93.7	16.51
Converse .....	1,587	8,798	.19	.22	4.96	93.2	16.40
.....	751	8,827	.25	.28	5.30	94.8	16.74
<b>Wisconsin Electric Power Co Pleasant Prairie</b>							
Wyoming .....	<b>5,703</b>	<b>8,446</b>	<b>.33</b>	<b>.39</b>	<b>5.29</b>	<b>72.7</b>	<b>12.29</b>
Campbell.....	5,703	8,446	.33	.39	5.29	72.7	12.29
.....	5,703	8,446	.33	.39	5.29	72.7	12.29
<b>Wisconsin Electric Power Co Port Washington</b>							
Pennsylvania .....	<b>409</b>	<b>13,164</b>	<b>1.36</b>	<b>1.03</b>	<b>6.74</b>	<b>139.9</b>	<b>36.82</b>
Washington.....	409	13,164	1.36	1.03	6.74	139.9	36.82
.....	409	13,164	1.36	1.03	6.74	139.9	36.82
<b>Wisconsin Electric Power Co Presque Isle</b>							
Colorado.....	<b>1,794</b>	<b>10,337</b>	<b>.39</b>	<b>.38</b>	<b>6.77</b>	<b>121.0</b>	<b>25.02</b>
Gunnison.....	807	11,813	.51	.43	9.07	139.1	32.88
Kentucky.....	807	11,813	.51	.43	9.07	139.1	32.88
Perry.....	21	13,000	.79	.61	7.95	146.5	38.09
Montana .....	21	13,000	.79	.61	7.95	146.5	38.09
Big Horn .....	434	9,046	.28	.31	4.83	104.2	18.86
Wyoming .....	434	9,046	.28	.31	4.83	104.2	18.86
Converse .....	532	9,045	.28	.31	4.82	97.4	17.62
.....	532	9,045	.28	.31	4.82	97.4	17.62
<b>Wisconsin Electric Power Co Valley</b>							
Colorado.....	<b>466</b>	<b>11,797</b>	<b>.53</b>	<b>.45</b>	<b>8.82</b>	<b>151.9</b>	<b>35.85</b>
Gunnison.....	448	11,735	.51	.43	8.94	151.9	35.66
Pennsylvania .....	448	11,735	.51	.43	8.94	151.9	35.66
Greene.....	18	13,363	1.18	.88	6.00	151.5	40.49
.....	18	13,363	1.18	.88	6.00	151.5	40.49
<b>Wisconsin Power &amp; Light Co Columbia</b>							
Wyoming .....	<b>4,069</b>	<b>8,505</b>	<b>.35</b>	<b>.41</b>	<b>5.13</b>	<b>91.6</b>	<b>15.59</b>
Campbell.....	4,069	8,505	.35	.41	5.13	91.6	15.59
.....	4,069	8,505	.35	.41	5.13	91.6	15.59
<b>Wisconsin Power &amp; Light Co Edgewater</b>							
West Virginia.....	<b>2,797</b>	<b>8,785</b>	<b>.35</b>	<b>.39</b>	<b>5.51</b>	<b>114.6</b>	<b>20.13</b>
Harrison .....	12	13,073	3.07	2.35	7.10	141.4	36.97
.....	12	13,073	3.07	2.35	7.10	141.4	36.97

See footnotes at end of table.

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

**Table 24. Origin of Coal Received by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
<b>Wisconsin Power &amp; Light Co Edgewater</b>							
Wyoming .....	2,785	8,766	0.34	0.38	5.50	114.4	20.05
Campbell.....	2,280	8,586	.32	.38	5.49	112.7	19.35
Carbon.....	198	10,802	.64	.59	6.24	142.6	30.82
Converse .....	308	8,790	.22	.25	5.14	104.2	18.31
<b>Wisconsin Power &amp; Light Co Nelson Dewey.....</b>							
Montana .....	513	9,334	.34	.37	4.17	122.1	22.80
Big Horn.....	513	9,334	.34	.37	4.17	122.1	22.80
<b>Wisconsin Power &amp; Light Co Rock River .....</b>							
Illinois .....	4	12,017	1.08	.90	7.09	168.4	40.47
Jefferson.....	4	12,017	1.08	.90	7.09	168.4	40.47
Montana .....	69	9,180	.33	.36	4.44	124.1	22.79
Big Horn.....	69	9,180	.33	.36	4.44	124.1	22.79
<b>Wisconsin Public Service Corp Pulliam .....</b>							
Wyoming .....	1,505	8,895	.20	.22	4.37	100.5	17.88
Campbell.....	1,505	8,895	.20	.22	4.37	100.5	17.88
<b>Wisconsin Public Service Corp Weston.....</b>							
Wyoming .....	2,007	8,765	.29	.33	5.20	106.7	18.71
Campbell.....	1,899	8,764	.29	.33	5.20	107.3	18.81
Converse .....	108	8,791	.20	.23	5.20	96.9	17.04
<b>Wyandotte Municipal Serv Comm Wyandotte.....</b>							
Kentucky.....	9	12,556	.73	.58	10.99	149.3	37.49
Perry.....	9	12,556	.73	.58	10.99	149.3	37.49
Ohio .....	13	12,591	2.29	1.82	8.02	157.6	39.70
Stark .....	12	12,569	2.29	1.82	8.07	156.4	39.31
Tuscarawas .....	1	12,840	2.30	1.79	7.40	172.0	44.17
Pennsylvania .....	15	13,254	1.57	1.18	6.45	129.4	34.30
Greene.....	15	13,254	1.57	1.18	6.45	129.4	34.30
West Virginia.....	92	12,641	.74	.59	9.60	145.4	36.75
Boone.....	61	12,750	.76	.60	9.43	147.4	37.58
Kanawha .....	30	12,422	.70	.56	9.96	141.2	35.08
<b>Total .....</b>	<b>908,232</b>	<b>10,163</b>	<b>1.01</b>	<b>.99</b>	<b>9.01</b>	<b>121.6</b>	<b>24.72</b>

<sup>1</sup> Some coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping facility.

<sup>2</sup> Refers to coal in which the county of origin is not known.

<sup>3</sup> The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from this transfer facility to the Crystal River power plant. This cost is not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

<sup>4</sup> The Tampa Electric Company reports coal destined for the Big Bend power plant as it is received at this facility located in Louisiana. The cost reported under Davant Transfer is the weighted average cost of coal delivered to this facility. The Tampa Electric Company incurs additional costs for transporting coal from Davant to the Big Bend power plant located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

<sup>5</sup> Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Nearly all of the coal delivered to the Cora facility was transferred to plants in Tennessee. About 1 percent was transferred to plants in Alabama. All coal delivered to the Cora facility is shown in this report as being delivered to Tennessee. Approximately 64 percent of the coal delivered to the GRT facility was transferred to plants in Tennessee. Approximately 36 percent was transferred to plants in Alabama. All coal delivered to GRT is shown in this report as being delivered to Tennessee.

<sup>6</sup> Data for Sandow No. 4 include lignite delivered for the Aluminium Company of America (ALCOA) portion of Unit 4.

\* = Number less than 0.5.

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

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

# Fossil-Fuel Data at the Electric Utility and Plant Level

**Table 25. The Top 20 Electric Utilities, Ranked by Receipts of Coal, 1999**

Electric Utility	Receipts (thousand short tons)	Average Delivered Cost		Total Coal Bill (million dollars)
		(cents per million Btu)	(dollars per short ton)	
1. Tennessee Valley Authority.....	42,022	111.9	25.78	1,083.2
2. Texas Utilities Electric Co.....	34,554	99.2	12.81	442.5
3. Georgia Power Co.....	32,505	154.9	36.34	1,181.2
4. PacifiCorp.....	30,773	93.0	17.78	547.2
5. Alabama Power Co.....	24,398	154.8	33.12	808.1
6. Detroit Edison Co.....	20,444	127.0	26.11	533.8
7. Houston Lighting & Power Co.....	20,059	145.0	22.39	449.2
8. Union Electric Co.....	17,789	97.5	17.36	308.8
9. Basin Electric Power Coop.....	16,434	57.9	8.58	140.9
10. PSI Energy Inc.....	16,030	109.0	24.29	389.3
11. Duke Power Co.....	14,802	140.4	34.82	515.4
12. Ohio Power Co.....	14,504	164.9	39.13	567.6
13. Commonwealth Edison Co.....	14,206	192.0	33.85	480.9
14. Appalachian Power Co.....	13,649	132.4	32.48	443.2
15. Virginia Electric & Power.....	13,613	127.1	31.98	435.3
16. Monongahela Power Co.....	13,345	104.6	26.23	350.1
17. Arkansas Power & Light Co.....	13,078	146.3	25.36	331.6
18. Southwestern Electric Power.....	12,848	141.4	22.53	289.5
19. Pennsylvania Electric Co.....	12,679	115.8	28.71	364.1
20. Northern States Power Co.....	12,278	107.2	18.91	232.2

Note: Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

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

**Table 26. The Top 20 Electric Utilities, Ranked by Receipts of Petroleum, 1999**

Electric Utility	Receipts (thousand barrels)	Average Delivered Cost		Total Petroleum Bill (million dollars)
		(cents per million Btu)	(dollars per barrel)	
1. Florida Power & Light Co.....	37,448	253.8	16.18	605.9
2. Hawaiian Electric Co Inc.....	10,744	319.9	20.08	215.8
3. Florida Power Corp.....	10,342	224.4	14.56	150.6
4. Connecticut Light & Power Co.....	7,245	239.2	15.30	110.8
5. Long Island Lighting Co.....	6,874	228.6	14.56	100.1
6. Central Hudson Gas & Elec Corp.....	5,912	237.6	15.01	88.7
7. Mississippi Power & Light.....	4,955	153.1	10.17	50.4
8. Consolidated Edison Co-NY Inc.....	4,949	262.8	16.50	81.7
9. Jacksonville Electric Auth.....	4,473	211.0	13.37	59.8
10. Potomac Electric Power.....	4,416	272.6	17.17	75.8
11. Virginia Electric & Power Co.....	4,020	230.9	14.61	58.7
12. Philadelphia Electric Co.....	2,943	265.6	16.79	49.4
13. Public Service Co of NH.....	2,615	213.6	13.75	35.9
14. Delmarva Power & Light.....	2,532	240.6	15.32	38.8
15. United Illuminating Co.....	2,511	178.4	11.43	28.7
16. Baltimore Gas & Electric Co.....	1,986	247.0	15.69	31.2
17. Consumers Power Company.....	1,821	267.1	17.02	31.0
18. Pennsylvania Power & Light Co.....	1,484	257.9	16.39	24.3
19. Central Maine Power Co.....	1,045	177.9	11.27	11.8
20. Orlando Utilities Commission.....	1,009	240.9	15.31	15.5

Note: Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

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

**Table 27. The Top 20 Electric Utilities, Ranked by Receipts of Gas, 1999**

Electric Utility	Receipts (thousand Mcf)	Average Delivered Cost		Total Gas Bill (million dollars)
		(cents per million Btu)	(dollars per Mcf)	
1. Texas Utilities Electric Co.....	375,690	259.1	2.64	992.6
2. Houston Lighting & Power Co.....	250,565	240.4	2.44	612.6
3. Gulf States Utilities Co.....	193,162	241.7	2.50	483.4
4. Florida Power & Light Co.....	192,915	300.8	3.14	605.8
5. Louisiana Power & Light Co.....	140,477	259.5	2.69	378.5
6. Central Power & Light Co.....	128,535	233.4	2.40	307.9
7. Public Service Co of Oklahoma.....	79,118	253.9	2.59	205.1
8. Long Island Lighting Co.....	78,994	281.4	2.87	226.7
9. Southwestern Public Service.....	67,441	234.4	2.36	159.4
10. Oklahoma Gas & Electric Co.....	62,113	303.5	3.15	195.6
11. Los Angeles City of.....	54,394	305.4	3.08	167.7
12. San Antonio City Pub Service.....	51,940	250.3	2.53	131.3
13. Mississippi Power & Light.....	51,244	244.3	2.51	128.4
14. Consolidated Edison Co-NY Inc.....	50,628	245.1	2.52	127.8
15. Southwestern Electric Power.....	45,018	245.3	2.55	114.9
16. Pacific Gas & Electric Co.....	36,102	247.6	2.54	91.6
17. West Texas Utilities Co.....	35,850	243.5	2.47	88.6
18. Central Louisiana Electric.....	35,151	233.7	2.44	85.7
19. Lower Colorado River Auth.....	34,400	224.9	2.27	78.2
20. San Diego Gas & Electric Co.....	18,215	287.0	2.90	52.8

Notes: • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet.

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

**Table 28. Receipts of Petroleum Coke by Electric Utility, 1999**

Electric Utility	Receipts (thousand short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Central Electric Pwr Coop-MO <sup>1</sup> .....	12	14,201	4.53	0.82	75.1	21.32
Central Illinois Pub Serv Co.....	25	14,142	4.90	.40	66.4	18.77
Central Power & Light Co.....	80	14,212	5.80	.45	64.9	18.45
Cincinnati Gas & Electric Co.....	7	13,962	5.87	.71	53.0	14.79
Illinois Power Co.....	14	13,711	2.97	.30	49.6	13.60
Indianapolis Power & Light Co.....	62	14,004	4.85	.48	53.2	14.89
Jacksonville Electric Authority.....	342	14,392	5.36	.47	44.2	12.71
Lakeland Dept of Water and Elec.....	72	14,042	5.53	.52	85.5	24.02
Los Angeles City of.....	9	14,043	5.78	.42	84.2	23.65
Manitowoc Public Utilities.....	40	14,356	5.75	.56	46.7	13.40
Michigan South Central Power.....	13	14,082	4.31	.43	102.8	28.96
Northern Indiana Pub Serv Co.....	259	14,136	4.41	.25	63.3	17.90
Northern States Power Co.....	234	13,729	5.70	.57	63.2	17.34
Ohio Edison Co.....	17	13,746	4.34	.73	62.9	17.29
Owensboro City of.....	30	14,126	5.47	.54	47.1	13.31
Pennsylvania Power & Light Co.....	170	14,061	5.65	.65	68.5	19.27
Pennsylvania Power Co.....	650	14,055	5.29	.46	82.3	23.13
San Antonio City of.....	176	14,509	3.91	.64	46.1	13.38
Seminole Electric Coop Inc.....	204	14,035	6.15	.30	78.8	22.11
Tampa Electric Co.....	30	14,068	5.68	.40	29.8	8.38
Union Electric Co.....	42	14,150	4.90	.40	45.4	12.85
UtiliCorp United Inc.....	170	14,078	5.64	.46	58.7	16.52
Wisconsin Electric Power Co.....	149	14,162	4.71	.39	71.6	20.28
Wisconsin Power & Light Co.....	100	14,210	5.74	.48	66.4	18.88
<b>Total.....</b>	<b>2,906</b>	<b>14,121</b>	<b>5.25</b>	<b>.46</b>	<b>65.4</b>	<b>18.47</b>

<sup>1</sup> Includes a small amount of coal.

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

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

**Table 29. Receipts of No. 6 Fuel Oil by Electric Utility, 1999**

Company	Receipts (thousand barrels)	Average Quality		Average Delivered Cost	
		Btu (per gallon)	Sulfur (percent by weight)	(cents per million Btu)	(dollars per barrel)
Atlantic City Electric Co.....	348	151,869	0.96	298.3	19.03
Baltimore Gas & Electric Co.....	1,960	151,407	.93	245.1	15.59
Central Hudson Gas & Elec Corp .....	5,912	150,412	1.19	237.6	15.01
Central Illinois Pub Serv Co.....	112	149,388	.29	292.2	18.33
Central Maine Power Co.....	1,045	150,839	1.00	177.9	11.27
Commonwealth Edison Co.....	155	153,159	.64	345.3	22.21
Connecticut Light & Power Co .....	7,221	152,334	.73	238.6	15.27
Consolidated Edison Co-NY Inc.....	4,949	149,508	.30	262.8	16.50
Consumers Power Co.....	1,696	152,742	.98	257.1	16.50
Delmarva Power & Light Co.....	2,425	152,168	.98	234.6	15.00
Detroit Edison Co.....	160	147,269	.66	277.8	17.18
Dover City of.....	229	150,646	.86	262.4	16.60
Florida Power & Light Co.....	37,403	151,781	1.36	253.5	16.16
Florida Power Corp.....	10,229	154,679	1.61	222.7	14.47
Gainesville Regional Utilities .....	11	151,703	1.97	324.2	20.66
Hawaiian Electric Co Inc.....	10,713	149,525	.44	319.3	20.05
Illinois Power Co.....	183	150,201	.84	284.9	17.97
Jacksonville Electric Auth.....	4,374	151,195	1.45	207.1	13.15
Kansas Gas & Electric Co.....	177	157,323	1.49	212.0	14.01
Lake Worth City of.....	5	141,099	.54	374.1	22.17
Lakeland City of.....	246	148,953	2.06	302.5	18.92
Long Island Lighting Co.....	6,874	151,709	.91	228.6	14.56
Louisiana Power & Light Co.....	141	154,276	.99	194.2	12.59
Mississippi Power & Light Co.....	4,916	158,211	2.75	152.1	10.11
New Orleans Public Service Inc.....	441	156,364	1.50	159.0	10.44
Niagara Mohawk Power Corp.....	845	150,657	1.23	249.3	15.77
Orange & Rockland Utils Inc.....	639	149,284	.34	206.8	12.97
Orlando Utilities Comm.....	1,005	151,356	1.18	240.5	15.29
Pennsylvania Power & Light Co.....	1,232	153,765	.84	237.8	15.36
Philadelphia Electric Co.....	2,781	151,192	.46	262.0	16.64
Potomac Electric Power Co.....	3,865	151,037	.90	261.3	16.57
Power Authority of State of NY.....	921	148,662	.29	214.8	13.41
Public Service Co of NH.....	2,591	153,364	1.56	212.2	13.67
Public Service Electric&Gas Co.....	210	148,986	.29	336.7	21.07
Tampa Electric Co.....	353	150,592	.96	271.3	17.16
Taunton City of.....	90	151,116	1.00	241.7	15.34
United Illuminating Co.....	2,508	152,500	.97	178.3	11.42
Vineland City of.....	47	152,427	.83	285.8	18.30
Virginia Electric & Power Co.....	3,711	151,582	1.15	220.4	14.03
Western Massachusetts Elec Co.....	92	151,455	.87	239.7	15.25
<b>Total.....</b>	<b>122,813</b>	<b>151,920</b>	<b>1.15</b>	<b>243.3</b>	<b>15.52</b>

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

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Alabama Electric Coop Inc</b> .....	<b>546</b>	<b>11,871</b>	<b>1.68</b>	<b>12.52</b>	<b>136.4</b>	<b>32.39</b>	<b>1,007</b>	<b>11,794</b>	<b>0.97</b>	<b>6.66</b>	<b>141.8</b>	<b>33.44</b>
Lowman (AL) .....	546	11,871	1.68	12.52	136.4	32.39	1,007	11,794	.97	6.66	141.8	33.44
<b>Alabama Power Co<sup>1</sup></b> .....	<b>22,463</b>	<b>10,554</b>	<b>.71</b>	<b>8.95</b>	<b>156.6</b>	<b>33.06</b>	<b>1,935</b>	<b>12,402</b>	<b>1.52</b>	<b>11.36</b>	<b>136.5</b>	<b>33.85</b>
Barry (AL) .....	4,036	12,191	.71	12.18	206.1	50.25	60	12,073	.91	6.04	245.9	59.38
Gadsden (AL) .....	240	12,416	1.85	13.37	153.6	38.14	—	—	—	—	—	—
Gorgas 2 and 3 (AL) .....	3,273	11,968	1.37	13.51	147.4	35.29	—	—	—	—	—	—
Greene (AL) .....	983	12,426	2.05	9.77	120.5	29.95	464	12,489	2.06	9.38	121.7	30.40
Gaston (AL) .....	3,076	12,147	.77	11.78	201.4	48.93	1,412	12,387	1.36	12.24	136.9	33.91
James Miller (AL) .....	10,856	8,857	.35	5.40	122.3	21.66	—	—	—	—	—	—
<b>American Mun Power Ohio Inc</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>832</b>	<b>11,583</b>	<b>4.70</b>	<b>15.05</b>	<b>89.6</b>	<b>20.75</b>
Gorsuch (OH) .....	—	—	—	—	—	—	832	11,583	4.70	15.05	89.6	20.75
<b>Ames City of</b> .....	<b>238</b>	<b>8,884</b>	<b>.18</b>	<b>4.34</b>	<b>140.9</b>	<b>25.03</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Ames (IA) .....	238	8,884	.18	4.34	140.9	25.03	—	—	—	—	—	—
<b>Appalachian Power Co</b> .....	<b>11,104</b>	<b>12,212</b>	<b>.74</b>	<b>12.25</b>	<b>135.8</b>	<b>33.18</b>	<b>2,544</b>	<b>12,475</b>	<b>.77</b>	<b>11.25</b>	<b>117.9</b>	<b>29.42</b>
Clinch River (VA) .....	1,326	12,384	.70	14.61	134.3	33.26	339	12,675	.75	12.39	115.0	29.15
Glen Lyn (VA) .....	455	12,831	.90	10.13	138.7	35.60	323	12,895	.85	9.28	129.6	33.41
Amos (WV) .....	5,780	12,137	.77	12.04	134.1	32.55	905	12,480	.79	10.38	113.3	28.29
Kanawha River (WV) .....	713	12,203	.79	12.51	138.5	33.79	193	11,970	.81	13.16	101.3	24.25
Mountaineer (WV) .....	2,830	12,186	.67	11.85	139.0	33.87	784	12,335	.70	12.11	123.5	30.46
<b>Arizona Electric Pwr Coop Inc</b> .....	<b>1,276</b>	<b>9,993</b>	<b>.42</b>	<b>14.79</b>	<b>113.8</b>	<b>22.75</b>	<b>159</b>	<b>9,412</b>	<b>.79</b>	<b>15.72</b>	<b>135.8</b>	<b>25.57</b>
Apache (AZ) .....	1,276	9,993	.42	14.79	113.8	22.75	159	9,412	.79	15.72	135.8	25.57
<b>Arizona Public Service Co</b> .....	<b>10,371</b>	<b>9,163</b>	<b>.70</b>	<b>19.89</b>	<b>112.8</b>	<b>20.66</b>	<b>1,930</b>	<b>9,909</b>	<b>.49</b>	<b>14.11</b>	<b>117.7</b>	<b>23.32</b>
Cholla (AZ) .....	1,861	9,975	.42	14.07	164.8	32.88	1,930	9,909	.49	14.11	117.7	23.32
Four Corners (NM) .....	8,510	8,985	.76	21.17	100.1	17.99	—	—	—	—	—	—
<b>Arkansas Power &amp; Light Co</b> .....	<b>12,647</b>	<b>8,675</b>	<b>.27</b>	<b>4.75</b>	<b>146.9</b>	<b>25.49</b>	<b>431</b>	<b>8,353</b>	<b>.34</b>	<b>6.08</b>	<b>128.4</b>	<b>21.45</b>
Whitebluff (AR) .....	5,850	8,487	.34	5.04	162.2	27.53	431	8,353	.34	6.08	128.4	21.45
Independence (AR) .....	6,797	8,837	.21	4.49	134.3	23.74	—	—	—	—	—	—
<b>Associated Electric Coop Inc</b> .....	<b>9,141</b>	<b>8,887</b>	<b>.19</b>	<b>4.37</b>	<b>83.2</b>	<b>14.78</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Madrid (MO) .....	4,352	8,887	.19	4.36	95.1	16.91	—	—	—	—	—	—
Hill (MO) .....	4,789	8,887	.19	4.38	72.3	12.85	—	—	—	—	—	—
<b>Atlantic City Electric Co</b> .....	<b>639</b>	<b>12,907</b>	<b>2.16</b>	<b>9.69</b>	<b>157.2</b>	<b>40.59</b>	<b>40</b>	<b>12,520</b>	<b>1.49</b>	<b>9.19</b>	<b>156.0</b>	<b>39.06</b>
England (NJ) .....	550	12,889	2.37	9.61	157.5	40.59	16	12,702	2.46	6.66	155.5	39.50
Deepwater (NJ) .....	90	13,015	.88	10.18	155.9	40.59	24	12,402	.86	10.84	156.3	38.77
<b>Baltimore Gas &amp; Electric Co</b> .....	<b>5,476</b>	<b>12,726</b>	<b>.88</b>	<b>10.43</b>	<b>139.4</b>	<b>35.48</b>	<b>68</b>	<b>12,595</b>	<b>.99</b>	<b>7.54</b>	<b>138.4</b>	<b>34.86</b>
Brandon Shores (MD) .....	3,738	12,575	.71	11.37	139.2	35.01	32	12,066	.68	7.06	131.0	31.62
Crane (MD) .....	802	13,213	1.65	7.30	138.1	36.51	11	13,207	2.25	7.70	138.9	36.69
Wagner (MD) .....	936	12,911	.89	9.37	141.3	36.48	25	13,004	.85	8.07	146.9	38.20
<b>Basin Electric Power Coop</b> .....	<b>16,434</b>	<b>7,406</b>	<b>.56</b>	<b>7.05</b>	<b>57.9</b>	<b>8.58</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Leland Olds (ND) .....	3,598	6,663	.70	7.78	76.5	10.20	—	—	—	—	—	—
Laramie River (WY) .....	7,406	8,361	.41	5.45	44.3	7.41	—	—	—	—	—	—
Antelope Valley (ND) .....	5,430	6,595	.68	8.74	68.9	9.09	—	—	—	—	—	—
<b>Big Rivers Electric Corp</b> .....	<b>263</b>	<b>11,422</b>	<b>2.58</b>	<b>8.77</b>	<b>103.5</b>	<b>23.65</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Reid-Henderson (KY) .....	263	11,422	2.58	8.77	103.5	23.65	—	—	—	—	—	—
<b>Black Hills Corp</b> .....	<b>496</b>	<b>8,078</b>	<b>.57</b>	<b>7.04</b>	<b>42.7</b>	<b>6.90</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Neal Simpson II (WY) .....	496	8,078	.57	7.04	42.7	6.90	—	—	—	—	—	—
<b>Cajun Electric Power Coop Inc</b> .....	<b>6,648</b>	<b>8,338</b>	<b>.46</b>	<b>5.78</b>	<b>146.2</b>	<b>24.39</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Big Cajun No.2 (LA) .....	6,648	8,338	.46	5.78	146.2	24.39	—	—	—	—	—	—
<b>Cardinal Operating Co</b> .....	<b>3,180</b>	<b>12,240</b>	<b>1.58</b>	<b>12.24</b>	<b>241.5</b>	<b>59.12</b>	<b>480</b>	<b>12,495</b>	<b>1.11</b>	<b>10.46</b>	<b>118.0</b>	<b>29.50</b>
Cardinal (OH) .....	3,180	12,240	1.58	12.24	241.5	59.12	480	12,495	1.11	10.46	118.0	29.50

See footnotes at end of table.

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



**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Carolina Power &amp; Light Co.....</b>	<b>10,419</b>	<b>12,567</b>	<b>0.88</b>	<b>9.89</b>	<b>149.8</b>	<b>37.66</b>	<b>1,127</b>	<b>12,330</b>	<b>1.13</b>	<b>11.88</b>	<b>130.2</b>	<b>32.12</b>
Asheville (NC).....	827	12,759	1.00	10.33	144.7	36.92	124	12,704	1.14	11.45	124.8	31.70
Cape Fear (NC).....	570	12,323	1.06	10.11	148.2	36.52	88	12,379	.86	10.44	136.6	33.83
Lee (NC).....	543	12,494	.95	9.40	154.3	38.55	118	12,253	1.07	10.36	145.4	35.64
Roxboro (NC).....	5,441	12,465	.88	10.44	148.7	37.06	526	12,185	.91	12.19	128.6	31.34
Sutton (NC).....	985	12,957	.92	8.55	155.8	40.37	140	11,749	1.08	17.15	126.1	29.62
Weatherspoon (NC).....	284	12,817	.99	8.52	162.4	41.62	—	—	—	—	—	—
Robinson (SC).....	233	13,028	1.02	8.30	153.2	39.91	131	13,218	2.25	7.69	128.5	33.98
Mayo (NC).....	1,533	12,573	.65	9.14	149.0	37.46	—	—	—	—	—	—
<b>Cedar Falls City of.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>44</b>	<b>12,057</b>	<b>1.31</b>	<b>12.51</b>	<b>160.8</b>	<b>38.78</b>
Streeter (IA).....	—	—	—	—	—	—	44	12,057	1.31	12.51	160.8	38.78
<b>Central Electric Pwr Coop-MO.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>135</b>	<b>11,014</b>	<b>2.73</b>	<b>9.06</b>	<b>127.7</b>	<b>28.14</b>
Chamois (MO).....	—	—	—	—	—	—	135	11,014	2.73	9.06	127.7	28.14
<b>Central Hudson Gas &amp; Elec Corp.....</b>	<b>787</b>	<b>12,948</b>	<b>.66</b>	<b>6.90</b>	<b>162.0</b>	<b>41.95</b>	<b>70</b>	<b>12,794</b>	<b>.64</b>	<b>7.14</b>	<b>161.4</b>	<b>41.29</b>
Danskammer (NY).....	787	12,948	.66	6.90	162.0	41.95	70	12,794	.64	7.14	161.4	41.29
<b>Central Illinois Light Co.....</b>	<b>2,384</b>	<b>10,916</b>	<b>2.45</b>	<b>7.96</b>	<b>142.3</b>	<b>31.07</b>	<b>285</b>	<b>10,793</b>	<b>2.70</b>	<b>8.76</b>	<b>136.3</b>	<b>29.43</b>
Edwards (IL).....	1,517	11,099	1.85	7.78	124.2	27.57	150	10,510	2.84	8.88	118.9	24.98
Duck Creek (IL).....	867	10,597	3.50	8.28	175.5	37.20	135	11,108	2.54	8.63	154.7	34.36
<b>Central Illinois Pub Serv Co.....</b>	<b>2,564</b>	<b>10,476</b>	<b>1.05</b>	<b>8.46</b>	<b>158.8</b>	<b>33.28</b>	<b>3,778</b>	<b>9,144</b>	<b>.60</b>	<b>5.41</b>	<b>109.0</b>	<b>19.93</b>
Coffeen (IL).....	1,759	10,300	1.00	8.29	182.8	37.66	99	8,820	.23	4.50	102.2	18.04
Grand Tower (IL).....	—	—	—	—	—	—	222	11,219	2.87	10.75	100.9	22.63
Hutsonville (IL).....	44	11,000	2.81	9.00	109.2	24.03	138	10,996	2.76	9.07	109.0	23.96
Meredosia (IL).....	407	10,607	1.47	7.67	105.6	22.40	169	11,231	2.81	9.43	130.1	29.23
Newton (IL).....	354	11,133	.57	10.17	112.9	25.15	3,150	8,815	.24	4.68	108.4	19.12
<b>Central Iowa Power Coop.....</b>	<b>170</b>	<b>12,215</b>	<b>2.77</b>	<b>9.49</b>	<b>112.9</b>	<b>27.58</b>	<b>21</b>	<b>11,794</b>	<b>2.95</b>	<b>10.05</b>	<b>117.4</b>	<b>27.70</b>
Fair Station (IA).....	170	12,215	2.77	9.49	112.9	27.58	21	11,794	2.95	10.05	117.4	27.70
<b>Central Louisiana Elec Co Inc.....</b>	<b>4,864</b>	<b>7,660</b>	<b>.82</b>	<b>10.40</b>	<b>135.8</b>	<b>20.81</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Dolet Hills (LA).....	2,810	6,963	.92	12.49	133.7	18.62	—	—	—	—	—	—
Rodemacher (LA).....	2,054	8,614	.68	7.54	138.2	23.80	—	—	—	—	—	—
<b>Central Operating Co.....</b>	<b>874</b>	<b>12,162</b>	<b>1.53</b>	<b>12.64</b>	<b>158.3</b>	<b>38.50</b>	<b>1,784</b>	<b>12,138</b>	<b>1.47</b>	<b>12.41</b>	<b>105.2</b>	<b>25.53</b>
Sporn (WV).....	874	12,162	1.53	12.64	158.3	38.50	1,784	12,138	1.47	12.41	105.2	25.53
<b>Central Power &amp; Light Co.....</b>	<b>1,148</b>	<b>10,455</b>	<b>.39</b>	<b>5.75</b>	<b>143.7</b>	<b>30.04</b>	<b>1,436</b>	<b>9,022</b>	<b>.24</b>	<b>5.10</b>	<b>137.6</b>	<b>24.83</b>
Coletto Creek (TX).....	1,148	10,455	.39	5.75	143.7	30.04	1,436	9,022	.24	5.10	137.6	24.83
<b>Cincinnati Gas &amp; Electric Co.....</b>	<b>7,381</b>	<b>12,172</b>	<b>2.29</b>	<b>10.65</b>	<b>112.9</b>	<b>27.48</b>	<b>4,425</b>	<b>11,957</b>	<b>1.52</b>	<b>12.52</b>	<b>105.7</b>	<b>25.28</b>
Beckjord (OH).....	1,872	12,148	1.01	11.54	116.5	28.30	1,183	11,904	1.00	12.51	108.7	25.87
Miami Fort (OH).....	1,737	12,286	1.01	11.23	128.4	31.56	1,762	11,779	.99	13.84	111.1	26.18
East Bend (KY).....	595	12,236	1.64	11.11	114.6	28.04	1,259	12,211	2.48	10.91	97.9	23.90
Zimmer (OH).....	3,176	12,112	3.87	9.72	101.8	24.65	222	12,214	3.14	11.23	92.9	22.69
<b>Cleveland Electric Illum Co.....</b>	<b>1,813</b>	<b>12,751</b>	<b>2.34</b>	<b>9.20</b>	<b>126.1</b>	<b>32.17</b>	<b>2,005</b>	<b>12,782</b>	<b>1.76</b>	<b>8.16</b>	<b>122.6</b>	<b>31.34</b>
Ashtabula (OH).....	287	12,496	4.16	9.15	104.6	26.13	44	11,397	1.73	8.00	116.7	26.59
Avon Lake (OH).....	877	12,935	.71	9.18	152.4	39.43	519	12,493	1.57	8.81	120.8	30.19
Eastlake (OH).....	649	12,614	3.74	9.24	99.2	25.02	1,309	12,909	1.96	8.03	120.5	31.12
Lake Shore (OH).....	—	—	—	—	—	—	133	13,131	.63	7.01	150.8	39.60
<b>Colorado Springs City of.....</b>	<b>1,408</b>	<b>10,654</b>	<b>.41</b>	<b>7.36</b>	<b>117.2</b>	<b>24.97</b>	<b>42</b>	<b>8,670</b>	<b>.32</b>	<b>5.56</b>	<b>77.1</b>	<b>13.37</b>
Drake (CO).....	813	10,756	.42	7.04	137.8	29.63	—	—	—	—	—	—
Nixon (CO).....	595	10,514	.40	7.81	88.4	18.60	42	8,670	.32	5.56	77.1	13.37
<b>Columbia City of.....</b>	<b>40</b>	<b>13,402</b>	<b>1.23</b>	<b>6.62</b>	<b>199.6</b>	<b>53.49</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Columbia (MO).....	40	13,402	1.23	6.62	199.6	53.49	—	—	—	—	—	—
<b>Columbus Southern Power Co.....</b>	<b>3,184</b>	<b>12,035</b>	<b>2.61</b>	<b>8.01</b>	<b>128.3</b>	<b>30.87</b>	<b>934</b>	<b>11,760</b>	<b>2.90</b>	<b>11.82</b>	<b>97.5</b>	<b>22.93</b>

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Columbus Southern Power Co</b>												
Conesville (OH).....	3,060	12,071	2.62	7.84	128.4	31.00	890	11,780	2.88	11.89	97.3	22.92
Picway (OH).....	124	11,147	2.53	12.34	124.6	27.79	44	11,362	3.31	10.25	101.6	23.10
<b>Commonwealth Edison Co<sup>2</sup></b>	<b>10,810</b>	<b>8,860</b>	<b>.38</b>	<b>5.21</b>	<b>217.7</b>	<b>38.58</b>	<b>3,396</b>	<b>8,683</b>	<b>.44</b>	<b>5.60</b>	<b>108.2</b>	<b>18.79</b>
Joliet (IL).....	3,753	8,766	.36	5.38	289.9	50.82	659	8,761	.42	5.33	110.6	19.38
Powerton (IL).....	2,958	8,898	.39	5.11	153.6	27.33	1,448	8,655	.47	5.86	105.4	18.24
Waukegan (IL).....	1,525	8,715	.42	5.49	202.4	35.28	534	8,666	.41	5.39	116.2	20.13
Will County (IL).....	2,574	9,039	.39	4.91	197.1	35.63	755	8,679	.41	5.51	105.9	18.38
<b>Consumers Power Co</b>	<b>6,577</b>	<b>10,946</b>	<b>.60</b>	<b>8.88</b>	<b>139.5</b>	<b>30.53</b>	<b>2,365</b>	<b>10,645</b>	<b>.78</b>	<b>8.93</b>	<b>128.0</b>	<b>27.25</b>
Cobb (MI).....	415	8,941	.44	6.16	112.1	20.05	647	10,903	1.01	8.47	125.2	27.30
Karn-Weadock (MI).....	681	12,314	.81	11.66	150.2	36.99	414	12,029	.97	11.99	143.1	34.43
Campbell (MI).....	3,725	11,288	.61	9.06	146.2	33.00	441	9,913	.51	7.64	123.8	24.55
Weadock (MI).....	1,204	9,690	.49	7.22	118.3	22.93	427	9,863	.61	8.03	122.7	24.19
Whiting (MI).....	551	11,198	.67	9.90	135.5	30.34	435	10,455	.67	8.91	124.8	26.10
<b>Coop Power Assn</b>	<b>7,150</b>	<b>6,189</b>	<b>.66</b>	<b>11.34</b>	<b>81.3</b>	<b>10.06</b>	—	—	—	—	—	—
Coal Creek (ND).....	7,150	6,189	.66	11.34	81.3	10.06	—	—	—	—	—	—
<b>Dairyland Power Coop</b>	<b>1,793</b>	<b>8,838</b>	<b>.19</b>	<b>4.47</b>	<b>103.9</b>	<b>18.36</b>	<b>1,034</b>	<b>11,719</b>	<b>.86</b>	<b>6.52</b>	<b>133.0</b>	<b>31.17</b>
Alma-Madgett (WI).....	1,393	8,841	.19	4.47	99.3	17.56	415	11,275	.58	7.29	129.4	29.18
Genoa No.3 (WI).....	400	8,827	.19	4.47	119.7	21.14	619	12,016	1.05	6.00	135.2	32.50
<b>Dayton Power &amp; Light Co</b>	<b>5,940</b>	<b>11,611</b>	<b>.77</b>	<b>14.53</b>	<b>122.8</b>	<b>28.52</b>	<b>1,649</b>	<b>11,382</b>	<b>.82</b>	<b>14.54</b>	<b>108.0</b>	<b>24.58</b>
Hutchings (OH).....	—	—	—	—	—	—	128	12,387	.86	9.92	135.7	33.62
Stuart (OH).....	4,639	11,528	.81	14.66	120.9	27.87	1,085	11,149	.89	15.64	101.3	22.59
Killen (OH).....	1,301	11,907	.62	14.06	129.5	30.85	435	11,668	.63	13.15	115.1	26.86
<b>Delmarva Power &amp; Light Co</b>	<b>1,075</b>	<b>12,944</b>	<b>1.00</b>	<b>9.25</b>	<b>158.4</b>	<b>41.02</b>	<b>129</b>	<b>12,862</b>	<b>.70</b>	<b>9.30</b>	<b>163.2</b>	<b>41.98</b>
Edgemoor (DE).....	209	12,483	.75	11.76	159.0	39.70	64	12,859	.74	9.88	155.3	39.93
Indian River (DE).....	866	13,055	1.06	8.65	158.3	41.33	65	12,865	.66	8.73	171.1	44.01
<b>Deseret Generation &amp; Tran Coop</b>	<b>1,222</b>	<b>10,169</b>	<b>.42</b>	<b>10.93</b>	<b>163.6</b>	<b>33.27</b>	<b>280</b>	<b>11,018</b>	<b>.43</b>	<b>10.66</b>	<b>133.1</b>	<b>29.33</b>
Bonanza (UT).....	1,222	10,169	.42	10.93	163.6	33.27	280	11,018	.43	10.66	133.1	29.33
<b>Detroit Edison Co</b>	<b>16,655</b>	<b>9,682</b>	<b>.44</b>	<b>4.77</b>	<b>127.9</b>	<b>24.77</b>	<b>3,789</b>	<b>12,896</b>	<b>1.29</b>	<b>7.68</b>	<b>124.1</b>	<b>32.02</b>
Harbor Beach (MI).....	—	—	—	—	—	—	102	13,392	.95	7.19	145.5	38.98
Marysville (MI).....	—	—	—	—	—	—	37	13,432	.94	7.08	146.6	39.37
Monroe (MI).....	6,023	9,656	.49	5.24	105.3	20.34	2,206	12,833	.92	7.99	126.3	32.43
River Rouge (MI).....	1,060	9,768	.52	5.33	109.6	21.41	471	12,915	.90	8.10	127.1	32.82
St Clair (MI).....	3,947	9,500	.34	4.17	152.0	28.87	734	13,226	2.73	7.03	114.7	30.33
Trenton Channel (MI).....	1,805	10,506	.69	5.49	113.7	23.89	239	12,135	1.20	6.32	114.4	27.78
Belle River (MI).....	3,820	9,500	.34	4.17	151.9	28.86	—	—	—	—	—	—
<b>Duke Power Co</b>	<b>10,146</b>	<b>12,400</b>	<b>.79</b>	<b>10.41</b>	<b>144.1</b>	<b>35.74</b>	<b>4,656</b>	<b>12,393</b>	<b>.87</b>	<b>10.89</b>	<b>132.3</b>	<b>32.80</b>
Allen (NC).....	1,441	12,386	.74	10.47	144.7	35.84	487	12,504	.92	10.32	129.6	32.42
Buck (NC).....	440	12,291	.76	10.85	139.2	34.21	212	11,792	.82	15.37	135.4	31.93
Cliffside (NC).....	711	12,779	.82	7.57	135.5	34.64	726	12,565	.96	8.93	133.9	33.65
Dan River (NC).....	235	12,729	.71	9.73	139.4	35.48	72	13,053	.69	9.67	140.0	36.55
Marshall (NC).....	2,376	12,463	.82	10.00	132.0	32.89	1,880	12,247	.82	11.83	130.0	31.83
Riverbend (NC).....	205	12,512	.92	9.75	135.4	33.87	383	12,416	.94	10.49	137.3	34.10
Lee (SC).....	160	12,689	1.16	9.80	142.8	36.25	249	12,567	.92	9.76	141.6	35.60
Belews Creek (NC).....	4,578	12,291	.78	11.08	152.9	37.59	647	12,580	.88	10.11	130.9	32.94
<b>Duquesne Light Co</b>	<b>1,079</b>	<b>12,493</b>	<b>1.79</b>	<b>10.87</b>	<b>182.1</b>	<b>45.49</b>	<b>963</b>	<b>12,845</b>	<b>2.22</b>	<b>9.65</b>	<b>102.8</b>	<b>26.41</b>
Elrama (PA).....	402	12,005	2.18	14.52	279.1	67.00	468	12,411	2.23	11.72	104.1	25.83
Cheswick (PA).....	677	12,782	1.56	8.70	128.0	32.72	495	13,256	2.22	7.70	101.7	26.96
<b>East Kentucky Power Coop Inc</b>	<b>2,386</b>	<b>12,233</b>	<b>.81</b>	<b>11.35</b>	<b>114.2</b>	<b>27.94</b>	<b>1,552</b>	<b>12,511</b>	<b>.96</b>	<b>9.43</b>	<b>112.5</b>	<b>28.16</b>
Cooper (KY).....	386	12,238	1.15	10.71	111.8	27.36	424	12,584	1.32	9.35	104.9	26.41
Dale (KY).....	300	12,219	.80	10.55	113.9	27.83	236	12,231	.85	9.81	113.5	27.76
Spurlock (KY).....	1,700	12,235	.73	11.64	114.8	28.09	892	12,550	.81	9.37	115.9	29.09

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Electric Energy Inc</b> .....	<b>4,922</b>	<b>8,742</b>	<b>0.24</b>	<b>4.56</b>	<b>87.4</b>	<b>15.28</b>	<b>13</b>	<b>8,545</b>	<b>0.33</b>	<b>4.80</b>	<b>88.8</b>	<b>15.18</b>
Joppa (IL).....	4,922	8,742	.24	4.56	87.4	15.28	13	8,545	.33	4.80	88.8	15.18
<b>Empire District Electric Co</b> .....	<b>1,072</b>	<b>9,208</b>	<b>.60</b>	<b>5.40</b>	<b>106.1</b>	<b>19.54</b>	<b>32</b>	<b>12,210</b>	<b>1.65</b>	<b>10.81</b>	<b>136.0</b>	<b>33.21</b>
Riverton (KS).....	324	9,497	.85	5.67	115.2	21.89	3	12,425	.45	8.31	147.6	36.68
Asbury (MO).....	748	9,082	.49	5.28	102.0	18.52	29	12,188	1.77	11.08	134.7	32.84
<b>Florida Power Corp</b> <sup>3</sup> .....	<b>3,623</b>	<b>12,656</b>	<b>.81</b>	<b>9.07</b>	<b>177.4</b>	<b>44.91</b>	<b>1,823</b>	<b>12,692</b>	<b>.90</b>	<b>8.89</b>	<b>161.4</b>	<b>40.96</b>
Crystal River (FL).....	2,364	12,683	.87	8.69	179.7	45.59	1,102	12,742	.97	8.81	164.9	42.02
IMT Transfer (LA).....	1,259	12,605	.70	9.77	173.0	43.61	721	12,615	.79	8.99	155.9	39.33
<b>Fremont City of</b> .....	<b>203</b>	<b>8,765</b>	<b>.19</b>	<b>4.51</b>	<b>92.2</b>	<b>16.15</b>	<b>46</b>	<b>8,834</b>	<b>.20</b>	<b>4.30</b>	<b>91.3</b>	<b>16.13</b>
Wright (NE).....	203	8,765	.19	4.51	92.2	16.15	46	8,834	.20	4.30	91.3	16.13
<b>Gainesville Regional Utilities</b> .....	<b>487</b>	<b>13,057</b>	<b>.64</b>	<b>7.04</b>	<b>165.9</b>	<b>43.32</b>	<b>70</b>	<b>13,194</b>	<b>.66</b>	<b>7.42</b>	<b>160.3</b>	<b>42.29</b>
Deerhaven (FL).....	487	13,057	.64	7.04	165.9	43.32	70	13,194	.66	7.42	160.3	42.29
<b>Georgia Power Co</b> .....	<b>19,429</b>	<b>12,611</b>	<b>.88</b>	<b>9.79</b>	<b>158.5</b>	<b>39.97</b>	<b>13,075</b>	<b>10,427</b>	<b>.68</b>	<b>8.45</b>	<b>148.4</b>	<b>30.94</b>
Arkwright (GA).....	4	12,938	1.77	11.74	170.3	44.07	120	12,929	1.72	8.90	166.2	42.97
Atkinson-McDonough (GA).....	1,218	13,014	1.04	7.42	143.4	37.33	41	12,882	1.18	8.04	137.8	35.49
Bowen (GA).....	7,073	12,444	.86	10.42	145.1	36.11	950	11,455	.97	16.37	132.3	30.31
Hammond (GA).....	1,371	12,835	.84	9.60	146.5	37.59	349	12,897	.76	9.48	145.9	37.63
Harllee Branch (GA).....	1,694	12,592	.99	10.05	166.3	41.88	1,310	12,177	1.57	10.74	148.0	36.04
Mitchell (GA).....	243	12,786	1.23	8.84	180.3	46.11	—	—	—	—	—	—
Yates (GA).....	1,579	12,824	.94	10.55	148.4	38.06	917	12,872	.88	9.87	146.0	37.59
Wansley (GA).....	2,580	12,546	1.03	8.53	149.7	37.57	1,835	12,187	.96	12.37	145.3	35.41
Scherer (GA).....	3,667	12,667	.65	9.92	199.0	50.41	7,552	9,101	.37	5.88	152.3	27.72
<b>Grand Haven City of</b> .....	<b>72</b>	<b>10,976</b>	<b>2.33</b>	<b>10.28</b>	<b>134.2</b>	<b>29.47</b>	<b>84</b>	<b>11,146</b>	<b>2.30</b>	<b>10.17</b>	<b>130.3</b>	<b>29.05</b>
J B Simms (MI).....	72	10,976	2.33	10.28	134.2	29.47	84	11,146	2.30	10.17	130.3	29.05
<b>Grand Island City of</b> .....	<b>375</b>	<b>8,299</b>	<b>.37</b>	<b>5.42</b>	<b>65.0</b>	<b>10.80</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Platte (NE).....	375	8,299	.37	5.42	65.0	10.80	—	—	—	—	—	—
<b>Grand River Dam Authority</b> .....	<b>3,949</b>	<b>8,558</b>	<b>.43</b>	<b>5.46</b>	<b>85.7</b>	<b>14.68</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
GRDA No 1 (OK).....	3,949	8,558	.43	5.46	85.7	14.68	—	—	—	—	—	—
<b>Gulf Power Co</b> .....	<b>1,935</b>	<b>12,128</b>	<b>1.03</b>	<b>6.53</b>	<b>143.4</b>	<b>34.77</b>	<b>1,612</b>	<b>12,363</b>	<b>1.79</b>	<b>8.18</b>	<b>142.4</b>	<b>35.21</b>
Crist (FL).....	1,830	12,132	1.03	6.51	143.0	34.69	585	12,327	.81	6.39	146.9	36.20
Scholtz (FL).....	—	—	—	—	—	—	165	12,385	.82	6.79	164.8	40.82
Smith (FL).....	106	12,049	1.11	6.76	150.3	36.23	862	12,384	2.64	9.67	135.1	33.47
<b>Gulf States Utilities Co</b> .....	<b>2,343</b>	<b>8,629</b>	<b>.45</b>	<b>5.80</b>	<b>129.6</b>	<b>22.37</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Nelson (LA).....	2,343	8,629	.45	5.80	129.6	22.37	—	—	—	—	—	—
<b>Hamilton City of</b> .....	<b>138</b>	<b>12,404</b>	<b>.92</b>	<b>9.88</b>	<b>144.5</b>	<b>35.84</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Hamilton (OH).....	138	12,404	.92	9.88	144.5	35.84	—	—	—	—	—	—
<b>Hastings City of</b> .....	<b>399</b>	<b>8,307</b>	<b>.34</b>	<b>5.47</b>	<b>64.1</b>	<b>10.66</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Hastings (NE).....	399	8,307	.34	5.47	64.1	10.66	—	—	—	—	—	—
<b>Holland City of</b> .....	<b>169</b>	<b>13,080</b>	<b>.85</b>	<b>6.70</b>	<b>156.7</b>	<b>40.99</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
James De Young (MI).....	169	13,080	.85	6.70	156.7	40.99	—	—	—	—	—	—
<b>Holyoke Water Power Co</b> .....	<b>225</b>	<b>13,205</b>	<b>.93</b>	<b>6.97</b>	<b>175.0</b>	<b>46.21</b>	<b>99</b>	<b>13,246</b>	<b>.84</b>	<b>7.24</b>	<b>170.6</b>	<b>45.20</b>
Mount Tom (MA).....	225	13,205	.93	6.97	175.0	46.21	99	13,246	.84	7.24	170.6	45.20
<b>Hoosier Energy R E C Inc</b> .....	<b>3,731</b>	<b>11,168</b>	<b>2.92</b>	<b>10.11</b>	<b>125.1</b>	<b>27.94</b>	<b>128</b>	<b>11,175</b>	<b>2.47</b>	<b>9.90</b>	<b>86.4</b>	<b>19.30</b>
Frank E Ratts (IN).....	624	11,173	1.35	7.99	133.6	29.84	—	—	—	—	—	—
Merom (IN).....	3,107	11,167	3.23	10.53	123.4	27.56	128	11,175	2.47	9.90	86.4	19.30
<b>Houston Lighting &amp; Power Co</b> .....	<b>19,714</b>	<b>7,704</b>	<b>.67</b>	<b>10.58</b>	<b>145.7</b>	<b>22.45</b>	<b>345</b>	<b>8,574</b>	<b>.39</b>	<b>5.50</b>	<b>110.7</b>	<b>18.98</b>
Limestone (TX).....	8,938	6,592	1.05	17.06	102.9	13.56	—	—	—	—	—	—
Parish (TX).....	10,776	8,626	.36	5.20	172.9	29.82	345	8,574	.39	5.50	110.7	18.98

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>IES Utilities Co</b> .....	<b>1,844</b>	<b>8,408</b>	<b>0.33</b>	<b>5.82</b>	<b>99.8</b>	<b>16.78</b>	<b>3,755</b>	<b>8,540</b>	<b>0.37</b>	<b>5.54</b>	<b>79.9</b>	<b>13.65</b>
6th St (IA).....	12	9,455	.28	3.90	141.5	26.76	165	10,365	.61	5.04	150.2	31.14
Praire Creek (IA).....	187	8,384	.35	5.89	83.7	14.03	780	8,514	.34	5.42	85.7	14.60
Sutherland (IA).....	41	8,734	.30	5.49	72.6	12.68	534	8,782	.37	5.56	77.9	13.68
Burlington (IA).....	56	8,364	.45	5.38	76.6	12.81	634	8,298	.43	5.49	79.8	13.24
Ottumwa (IA).....	1,549	8,396	.33	5.85	102.9	17.28	1,642	8,384	.34	5.66	69.2	11.60
<b>Illinois Power Co</b> .....	<b>6,151</b>	<b>10,904</b>	<b>2.13</b>	<b>9.71</b>	<b>114.3</b>	<b>24.92</b>	<b>52</b>	<b>11,122</b>	<b>2.27</b>	<b>8.62</b>	<b>138.4</b>	<b>30.80</b>
Baldwin (IL).....	3,911	10,676	2.77	10.16	105.2	22.46	—	—	—	—	—	—
Havana (IL).....	765	11,656	.51	9.34	139.5	32.52	—	—	—	—	—	—
Hennepin (IL).....	493	10,461	2.08	9.23	117.1	24.50	33	10,662	3.39	8.64	143.2	30.54
Vermilion (IL).....	314	10,733	1.29	9.28	105.3	22.60	—	—	—	—	—	—
Wood River (IL).....	668	11,785	.73	8.10	136.1	32.07	20	11,890	.39	8.60	131.3	31.22
<b>Independence City of</b> .....	<b>128</b>	<b>10,632</b>	<b>3.67</b>	<b>17.31</b>	<b>124.8</b>	<b>26.53</b>	<b>15</b>	<b>11,245</b>	<b>2.39</b>	<b>10.17</b>	<b>193.2</b>	<b>43.46</b>
Blue Valley (MO).....	128	10,632	3.67	17.31	124.8	26.53	15	11,245	2.39	10.17	193.2	43.46
<b>Indiana-Kentucky Electric Corp</b> .....	<b>3,450</b>	<b>10,166</b>	<b>.33</b>	<b>4.94</b>	<b>119.7</b>	<b>24.33</b>	<b>1,610</b>	<b>9,550</b>	<b>1.20</b>	<b>6.98</b>	<b>102.6</b>	<b>19.59</b>
Clifty Creek (IN).....	3,450	10,166	.33	4.94	119.7	24.33	1,610	9,550	1.20	6.98	102.6	19.59
<b>Indiana Michigan Power Co</b> .....	<b>9,101</b>	<b>9,296</b>	<b>.35</b>	<b>5.01</b>	<b>111.0</b>	<b>20.64</b>	<b>2,703</b>	<b>11,858</b>	<b>.88</b>	<b>10.21</b>	<b>114.2</b>	<b>27.09</b>
Tanners Creek (IN).....	1,395	12,309	1.01	7.80	124.7	30.70	1,007	12,212	1.07	9.51	117.7	28.75
Rockport (IN).....	7,706	8,751	.23	4.50	107.5	18.81	1,696	11,648	.78	10.63	112.0	26.09
<b>Indianapolis Power &amp; Light Co</b> .....	<b>5,577</b>	<b>11,156</b>	<b>2.38</b>	<b>8.78</b>	<b>99.4</b>	<b>22.17</b>	<b>2,524</b>	<b>11,137</b>	<b>2.18</b>	<b>9.14</b>	<b>91.5</b>	<b>20.37</b>
Stout (IN).....	1,323	11,127	1.23	8.07	112.6	25.06	495	10,947	1.11	8.39	105.9	23.19
Pritchard (IN).....	390	11,157	1.27	7.87	109.1	24.35	286	10,863	1.15	8.75	101.5	22.04
Petersburg (IN).....	3,864	11,165	2.89	9.11	93.8	20.96	1,743	11,236	2.65	9.42	85.9	19.30
<b>Interstate Power Co</b> .....	<b>347</b>	<b>11,620</b>	<b>.50</b>	<b>9.10</b>	<b>134.3</b>	<b>31.20</b>	<b>1,433</b>	<b>9,014</b>	<b>.41</b>	<b>5.97</b>	<b>102.3</b>	<b>18.44</b>
Dubuque (IA).....	62	11,653	.50	9.02	139.4	32.49	111	11,589	.99	7.56	110.8	25.69
Lansing (IA).....	—	—	—	—	—	—	1,093	8,813	.37	5.87	101.2	17.84
Kapp (IA).....	285	11,613	.50	9.12	133.1	30.92	229	8,721	.33	5.65	101.9	17.77
<b>Jacksonville Electric Auth</b> .....	<b>2,794</b>	<b>12,273</b>	<b>1.06</b>	<b>8.35</b>	<b>158.3</b>	<b>38.86</b>	<b>386</b>	<b>12,715</b>	<b>1.19</b>	<b>8.50</b>	<b>132.3</b>	<b>33.65</b>
St Johns River (FL).....	2,794	12,273	1.06	8.35	158.3	38.86	386	12,715	1.19	8.50	132.3	33.65
<b>Jamestown City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>89</b>	<b>12,703</b>	<b>1.79</b>	<b>9.55</b>	<b>128.2</b>	<b>32.58</b>
Samuel A Carlson (NY).....	—	—	—	—	—	—	89	12,703	1.79	9.55	128.2	32.58
<b>Kansas City City of</b> .....	<b>1,361</b>	<b>8,460</b>	<b>.38</b>	<b>5.31</b>	<b>76.1</b>	<b>12.88</b>	<b>39</b>	<b>8,770</b>	<b>.25</b>	<b>4.37</b>	<b>91.1</b>	<b>15.98</b>
Quindaro (KS).....	572	8,757	.33	5.36	87.8	15.37	39	8,770	.25	4.37	91.1	15.98
Nearman (KS).....	789	8,244	.42	5.28	67.1	11.07	—	—	—	—	—	—
<b>Kansas City Power &amp; Light Co</b> .....	<b>2,829</b>	<b>8,749</b>	<b>.33</b>	<b>5.52</b>	<b>75.1</b>	<b>13.15</b>	<b>7,486</b>	<b>8,672</b>	<b>.50</b>	<b>5.84</b>	<b>72.8</b>	<b>12.63</b>
La Cygne (KS).....	73	8,760	.32	5.42	80.0	14.01	5,396	8,639	.61	6.31	67.6	11.68
Hawthorne (MO).....	6	8,757	.34	5.50	67.9	11.89	176	8,803	.26	5.02	68.0	11.98
Montrose (MO).....	—	—	—	—	—	—	1,752	8,780	.20	4.58	90.6	15.90
Iatan (MO).....	2,750	8,748	.33	5.52	75.0	13.13	162	8,482	.34	4.98	57.6	9.78
<b>Kansas Power &amp; Light Co</b> .....	<b>10,558</b>	<b>8,601</b>	<b>.35</b>	<b>4.84</b>	<b>109.3</b>	<b>18.79</b>	<b>237</b>	<b>10,354</b>	<b>.34</b>	<b>5.56</b>	<b>124.1</b>	<b>25.71</b>
Lawrence (KS).....	1,082	9,850	.39	5.35	104.8	20.65	178	10,321	.34	5.50	120.0	24.77
Tecumseh (KS).....	587	9,633	.37	4.83	99.4	19.16	59	10,454	.34	5.76	136.4	28.53
Jeffrey Energy Cnt (KS).....	8,889	8,380	.35	4.78	110.6	18.54	—	—	—	—	—	—
<b>Kentucky Power Co</b> .....	<b>2,153</b>	<b>12,233</b>	<b>1.11</b>	<b>10.06</b>	<b>109.3</b>	<b>26.73</b>	<b>1,065</b>	<b>12,177</b>	<b>1.09</b>	<b>10.25</b>	<b>98.2</b>	<b>23.92</b>
Big Sandy (KY).....	2,153	12,233	1.11	10.06	109.3	26.73	1,065	12,177	1.09	10.25	98.2	23.92
<b>Kentucky Utilities Co</b> .....	<b>3,742</b>	<b>12,100</b>	<b>1.61</b>	<b>11.18</b>	<b>111.6</b>	<b>27.01</b>	<b>4,080</b>	<b>11,921</b>	<b>1.27</b>	<b>10.96</b>	<b>111.1</b>	<b>26.48</b>
Brown (KY).....	381	12,140	1.31	12.41	116.8	28.36	1,381	12,303	1.42	10.84	114.9	28.28
Ghent (KY).....	3,361	12,095	1.65	11.04	111.0	26.86	2,119	11,712	1.03	11.07	110.1	25.78
Green River (KY).....	—	—	—	—	—	—	470	11,543	2.04	11.29	100.4	23.17
Tyrone (KY).....	—	—	—	—	—	—	109	12,779	.85	8.72	123.9	31.66

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Lakeland City of</b> .....	<b>617</b>	<b>12,858</b>	<b>1.39</b>	<b>9.00</b>	<b>174.8</b>	<b>44.96</b>	<b>173</b>	<b>12,580</b>	<b>1.41</b>	<b>8.57</b>	<b>170.0</b>	<b>42.77</b>
Plant 3-Mcintosh (FL).....	617	12,858	1.39	9.00	174.8	44.96	173	12,580	1.41	8.57	170.0	42.77
<b>Lansing City of</b> .....	<b>1,123</b>	<b>10,229</b>	<b>.50</b>	<b>6.56</b>	<b>145.4</b>	<b>29.74</b>	<b>250</b>	<b>12,665</b>	<b>.85</b>	<b>9.23</b>	<b>156.6</b>	<b>39.67</b>
Eckert (MI).....	824	9,383	.36	5.86	139.0	26.09	77	12,650	.85	8.48	157.0	39.72
Erickson (MI).....	299	12,563	.87	8.51	158.5	39.82	173	12,673	.85	9.56	156.4	39.64
<b>Los Angeles City of</b> .....	<b>4,885</b>	<b>11,738</b>	<b>.51</b>	<b>9.12</b>	<b>144.9</b>	<b>34.01</b>	<b>13</b>	<b>11,564</b>	<b>.49</b>	<b>11.10</b>	<b>91.9</b>	<b>21.25</b>
Intermountain (UT).....	4,885	11,738	.51	9.12	144.9	34.01	13	11,564	.49	11.10	91.9	21.25
<b>Louisville Gas &amp; Electric Co</b> .....	<b>6,436</b>	<b>11,255</b>	<b>3.38</b>	<b>12.49</b>	<b>95.8</b>	<b>21.57</b>	<b>354</b>	<b>11,759</b>	<b>3.23</b>	<b>13.79</b>	<b>81.0</b>	<b>19.06</b>
Cane Run (KY).....	1,473	11,385	3.39	11.16	100.2	22.81	—	—	—	—	—	—
Mill Creek (KY).....	3,430	11,220	3.36	12.28	96.4	21.62	219	12,071	3.67	11.82	82.1	19.81
Trimble County (KY).....	1,532	11,209	3.41	14.25	90.4	20.28	135	11,253	2.52	16.99	79.2	17.84
<b>Lower Colorado River Authority</b> .....	<b>5,856</b>	<b>8,589</b>	<b>.34</b>	<b>5.50</b>	<b>92.8</b>	<b>15.94</b>	<b>2,140</b>	<b>8,491</b>	<b>.33</b>	<b>5.49</b>	<b>92.5</b>	<b>15.71</b>
S Seymour-Fayette (TX).....	5,856	8,589	.34	5.50	92.8	15.94	2,140	8,491	.33	5.49	92.5	15.71
<b>Madison Gas &amp; Electric Co</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>142</b>	<b>10,743</b>	<b>1.31</b>	<b>9.41</b>	<b>143.4</b>	<b>30.80</b>
Blount (WI).....	—	—	—	—	—	—	142	10,743	1.31	9.41	143.4	30.80
<b>Manitowoc Public Utilities</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>119</b>	<b>12,929</b>	<b>1.36</b>	<b>7.11</b>	<b>161.5</b>	<b>41.75</b>
Manitowoc (WI).....	—	—	—	—	—	—	119	12,929	1.36	7.11	161.5	41.75
<b>Marquette City of</b> .....	<b>156</b>	<b>9,817</b>	<b>.41</b>	<b>4.37</b>	<b>122.8</b>	<b>24.11</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Shiras (MI).....	156	9,817	.41	4.37	122.8	24.11	—	—	—	—	—	—
<b>Metropolitan Edison Co</b> .....	<b>1,119</b>	<b>13,144</b>	<b>1.52</b>	<b>6.92</b>	<b>140.8</b>	<b>37.02</b>	<b>61</b>	<b>13,245</b>	<b>1.67</b>	<b>7.38</b>	<b>132.9</b>	<b>35.21</b>
Portland (PA).....	664	13,088	1.64	7.02	142.9	37.41	34	13,243	1.67	7.38	134.8	35.69
Titus (PA).....	455	13,225	1.35	6.78	137.8	36.45	27	13,247	1.67	7.38	130.6	34.61
<b>Michigan South Central Pwr Agcy</b> .....	<b>27</b>	<b>11,760</b>	<b>3.27</b>	<b>11.44</b>	<b>159.1</b>	<b>37.41</b>	<b>91</b>	<b>12,063</b>	<b>3.19</b>	<b>11.10</b>	<b>153.9</b>	<b>37.13</b>
Project 1 (MI).....	27	11,760	3.27	11.44	159.1	37.41	91	12,063	3.19	11.10	153.9	37.13
<b>MidAmerican Energy</b> .....	<b>11,423</b>	<b>8,430</b>	<b>.34</b>	<b>5.26</b>	<b>74.1</b>	<b>12.49</b>	<b>1,053</b>	<b>8,582</b>	<b>.29</b>	<b>4.41</b>	<b>72.4</b>	<b>12.43</b>
Riverside (IA).....	452	8,435	.32	5.13	85.8	14.47	—	—	—	—	—	—
Council Bluffs (IA).....	2,981	8,363	.35	5.01	63.9	10.69	—	—	—	—	—	—
George Neal 1-4 (IA).....	5,286	8,504	.34	5.27	72.6	12.36	1,053	8,582	.29	4.41	72.4	12.43
Louisa (IA).....	2,704	8,359	.34	5.51	86.1	14.40	—	—	—	—	—	—
<b>Minnesota Power &amp; Light Co</b> .....	<b>3,679</b>	<b>9,054</b>	<b>.55</b>	<b>6.35</b>	<b>114.5</b>	<b>20.74</b>	<b>220</b>	<b>8,801</b>	<b>.48</b>	<b>6.88</b>	<b>124.4</b>	<b>21.89</b>
Laskin Energy Center (MN).....	257	9,370	.38	4.42	121.3	22.74	23	8,911	.19	4.22	135.1	24.08
Boswell Energy Center (MN).....	3,422	9,031	.56	6.50	114.0	20.59	196	8,788	.51	7.20	123.1	21.63
<b>Minnkota Power Coop Inc</b> .....	<b>4,468</b>	<b>6,641</b>	<b>.89</b>	<b>8.92</b>	<b>58.2</b>	<b>7.73</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Young (ND).....	4,468	6,641	.89	8.92	58.2	7.73	—	—	—	—	—	—
<b>Mississippi Power Co</b> .....	<b>3,541</b>	<b>10,461</b>	<b>.82</b>	<b>5.60</b>	<b>144.9</b>	<b>30.31</b>	<b>1,844</b>	<b>11,473</b>	<b>.51</b>	<b>7.65</b>	<b>152.5</b>	<b>35.00</b>
Watson (MS).....	1,592	11,772	1.37	6.96	141.5	33.32	633	11,774	.53	4.26	142.4	33.53
Daniel (MS).....	1,949	9,390	.36	4.49	148.3	27.85	1,211	11,316	.50	9.42	158.1	35.77
<b>Monongahela Power Co</b> .....	<b>12,637</b>	<b>12,522</b>	<b>3.04</b>	<b>10.83</b>	<b>105.1</b>	<b>26.33</b>	<b>708</b>	<b>12,742</b>	<b>2.43</b>	<b>10.43</b>	<b>95.7</b>	<b>24.40</b>
Albright (WV).....	299	12,454	1.53	12.48	105.3	26.22	162	12,603	1.59	11.98	103.3	26.05
Ft Martin (WV).....	3,046	12,811	1.71	8.93	103.5	26.52	—	—	—	—	—	—
Harrison (WV).....	5,444	12,473	3.45	11.94	112.6	28.08	306	12,556	3.63	12.07	83.9	21.06
Rivesville (WV).....	171	12,120	.99	12.22	118.0	28.61	—	—	—	—	—	—
Willow Island (WV).....	320	13,154	1.53	7.06	109.4	28.78	240	13,073	1.46	7.28	105.3	27.54
Pleasants (WV).....	3,358	12,306	3.96	10.89	93.4	23.00	—	—	—	—	—	—
<b>Montana-Dakota Utilities Co</b> .....	<b>3,157</b>	<b>6,972</b>	<b>1.00</b>	<b>8.34</b>	<b>81.6</b>	<b>11.37</b>	<b>*</b>	<b>7,072</b>	<b>.64</b>	<b>6.81</b>	<b>54.2</b>	<b>7.67</b>
Heskett (ND).....	500	7,067	.72	6.96	103.3	14.60	*	7,072	.64	6.81	54.2	7.67
Lewis and Clark (MT).....	215	6,714	.52	8.00	89.2	11.98	—	—	—	—	—	—
Coyote (ND).....	2,442	6,975	1.10	8.65	76.4	10.66	—	—	—	—	—	—

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Montana Power Co.....</b>	<b>10,202</b>	<b>8,471</b>	<b>0.73</b>	<b>9.75</b>	<b>72.4</b>	<b>12.27</b>	—	—	—	—	—	—
Corette (MT).....	640	8,675	.21	4.46	58.8	10.21	—	—	—	—	—	—
Colstrip (MT).....	9,562	8,458	.77	10.10	73.3	12.41	—	—	—	—	—	—
<b>Montaup Electric Co.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>70</b>	<b>12,891</b>	<b>0.67</b>	<b>7.98</b>	<b>172.3</b>	<b>44.42</b>
Somerset (MA).....	—	—	—	—	—	—	70	12,891	.67	7.98	172.3	44.42
<b>Muscatine City of.....</b>	<b>1,146</b>	<b>8,244</b>	<b>.89</b>	<b>6.66</b>	<b>77.0</b>	<b>12.69</b>	—	—	—	—	—	—
Muscatine (IA).....	1,146	8,244	.89	6.66	77.0	12.69	—	—	—	—	—	—
<b>Nebraska Public Power District.....</b>	<b>6,048</b>	<b>8,614</b>	<b>.26</b>	<b>4.49</b>	<b>49.2</b>	<b>8.48</b>	<b>3</b>	<b>11,378</b>	<b>.26</b>	<b>7.40</b>	<b>127.4</b>	<b>28.99</b>
Sheldon (NE).....	915	8,751	.21	4.62	62.8	10.99	3	11,378	.26	7.40	127.4	28.99
Gerald Gentleman (NE).....	5,133	8,590	.27	4.47	46.7	8.03	—	—	—	—	—	—
<b>Nevada Power Co.....</b>	<b>1,771</b>	<b>11,628</b>	<b>.45</b>	<b>8.83</b>	<b>117.5</b>	<b>27.32</b>	<b>134</b>	<b>11,978</b>	<b>.61</b>	<b>10.08</b>	<b>114.4</b>	<b>27.42</b>
Gardner (NV).....	1,771	11,628	.45	8.83	117.5	27.32	134	11,978	.61	10.08	114.4	27.42
<b>New York State Elec &amp; Gas Corp.....</b>	<b>733</b>	<b>13,102</b>	<b>2.39</b>	<b>7.45</b>	<b>133.7</b>	<b>35.04</b>	<b>419</b>	<b>12,746</b>	<b>1.93</b>	<b>9.63</b>	<b>135.3</b>	<b>34.48</b>
Goudey (NY).....	—	—	—	—	—	—	77	13,417	2.28	6.82	140.3	37.65
Greenidge (NY).....	70	13,240	1.50	6.69	140.6	37.24	49	13,242	1.47	6.92	142.4	37.71
Hickling (NY).....	—	—	—	—	—	—	67	10,366	.83	22.65	126.6	26.25
Jennison (NY).....	—	—	—	—	—	—	1	11,033	.83	21.36	146.3	32.28
Milliken (NY).....	186	13,059	2.30	7.39	135.1	35.27	66	13,113	2.61	7.89	135.5	35.53
Kintigh (NY).....	477	13,099	2.56	7.58	132.2	34.63	158	13,140	2.09	6.92	133.3	35.02
<b>Niagara Mohawk Power Corp.....</b>	<b>1,047</b>	<b>13,133</b>	<b>1.88</b>	<b>7.09</b>	<b>137.9</b>	<b>36.22</b>	<b>54</b>	<b>13,268</b>	<b>2.18</b>	<b>6.94</b>	<b>122.0</b>	<b>32.36</b>
Huntley (NY).....	548	13,106	1.79	7.02	143.2	37.54	—	—	—	—	—	—
Dunkirk (NY).....	499	13,163	1.98	7.17	132.0	34.76	54	13,268	2.18	6.94	122.0	32.36
<b>Northern Indiana Pub Serv Co.....</b>	<b>8,129</b>	<b>9,936</b>	<b>1.29</b>	<b>6.93</b>	<b>125.9</b>	<b>25.02</b>	<b>832</b>	<b>10,442</b>	<b>1.56</b>	<b>7.77</b>	<b>114.6</b>	<b>23.94</b>
Bailly (IN).....	1,081	10,849	2.56	8.44	131.6	28.56	292	11,449	2.38	9.96	123.0	28.16
Mitchell (IN).....	947	9,312	.40	5.64	133.6	24.89	97	8,807	.33	5.44	106.0	18.66
Michigan City (IN).....	976	9,746	.51	5.90	143.1	27.90	274	8,765	.24	5.78	99.2	17.39
Rollin Schahfer (IN).....	5,125	9,894	1.34	7.05	120.0	23.74	170	12,354	2.99	8.55	122.6	30.29
<b>Northern States Power Co.....</b>	<b>11,669</b>	<b>8,805</b>	<b>.40</b>	<b>6.29</b>	<b>106.5</b>	<b>18.76</b>	<b>609</b>	<b>9,109</b>	<b>.44</b>	<b>5.64</b>	<b>120.5</b>	<b>21.95</b>
Black Dog (MN).....	816	8,876	.19	4.39	99.1	17.60	12	11,803	.49	7.50	127.2	30.03
High Bridge (MN).....	719	8,856	.19	4.51	99.5	17.63	—	—	—	—	—	—
King (MN).....	1,645	8,882	.28	5.23	106.6	18.94	—	—	—	—	—	—
Riverside (MN).....	1,228	8,864	.19	4.44	94.0	16.66	—	—	—	—	—	—
Bay Front (WI).....	—	—	—	—	—	—	74	11,715	.58	6.11	166.2	38.94
Sherburne County (MN).....	7,260	8,765	.51	7.23	110.2	19.31	524	8,682	.43	5.54	111.6	19.37
<b>Ohio Edison Co.....</b>	<b>4,276</b>	<b>12,017</b>	<b>1.45</b>	<b>13.22</b>	<b>116.2</b>	<b>27.94</b>	<b>2,792</b>	<b>12,774</b>	<b>1.79</b>	<b>9.72</b>	<b>106.9</b>	<b>27.32</b>
Niles (OH).....	449	12,018	2.70	12.40	110.0	26.44	91	10,779	3.60	15.48	87.4	18.84
Burger (OH).....	566	12,414	3.87	9.87	89.1	22.12	213	12,108	1.53	12.87	99.9	24.18
Sanmis (OH).....	3,261	11,948	.85	13.92	122.0	29.15	2,489	12,904	1.75	9.24	108.1	27.90
<b>Ohio Power Co.....</b>	<b>11,220</b>	<b>11,707</b>	<b>2.70</b>	<b>11.91</b>	<b>180.4</b>	<b>42.24</b>	<b>3,284</b>	<b>12,406</b>	<b>1.68</b>	<b>11.14</b>	<b>115.0</b>	<b>28.53</b>
Muskingum (OH).....	1,807	11,934	2.67	12.08	216.7	51.73	727	12,343	.89	12.36	126.0	31.09
Kammer (WV).....	1,220	12,254	3.48	10.49	88.3	21.65	325	12,991	1.42	6.89	102.5	26.63
Mitchell (WV).....	2,453	12,421	.76	11.64	151.7	37.67	1,334	12,367	.83	11.92	115.7	28.63
Gavin (OH).....	5,740	11,214	3.38	12.27	203.2	45.57	898	12,304	3.67	10.53	109.8	27.01
<b>Ohio Valley Electric Corp.....</b>	<b>1,998</b>	<b>12,990</b>	<b>2.41</b>	<b>7.67</b>	<b>111.0</b>	<b>28.85</b>	<b>1,082</b>	<b>12,582</b>	<b>2.45</b>	<b>8.93</b>	<b>110.4</b>	<b>27.78</b>
Kyger Creek (OH).....	1,998	12,990	2.41	7.67	111.0	28.85	1,082	12,582	2.45	8.93	110.4	27.78
<b>Oklahoma Gas &amp; Electric Co.....</b>	<b>11,496</b>	<b>8,619</b>	<b>.30</b>	<b>5.31</b>	<b>82.2</b>	<b>14.17</b>	—	—	—	—	—	—
Muskogee (OK).....	6,530	8,626	.29	5.22	84.7	14.61	—	—	—	—	—	—
Sooner (OK).....	4,966	8,609	.31	5.43	79.0	13.60	—	—	—	—	—	—
<b>Omaha Public Power District.....</b>	<b>3,761</b>	<b>8,361</b>	<b>.34</b>	<b>5.74</b>	<b>58.1</b>	<b>9.71</b>	<b>1,135</b>	<b>8,400</b>	<b>.33</b>	<b>5.69</b>	<b>66.1</b>	<b>11.11</b>
North Omaha (NE).....	1,066	8,395	.34	5.48	66.4	11.14	1,040	8,395	.33	5.73	67.2	11.28
Nebraska City (NE).....	2,694	8,347	.34	5.84	54.7	9.14	96	8,456	.35	5.27	54.9	9.28

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Orange &amp; Rockland Utils Inc</b> .....	<b>230</b>	<b>12,934</b>	<b>0.58</b>	<b>8.02</b>	<b>186.3</b>	<b>48.20</b>	<b>38</b>	<b>13,200</b>	<b>0.68</b>	<b>7.34</b>	<b>169.2</b>	<b>44.66</b>
Lovett (NY) .....	230	12,934	.58	8.02	186.3	48.20	38	13,200	.68	7.34	169.2	44.66
<b>Orlando Utilities Comm.</b> .....	<b>1,877</b>	<b>12,792</b>	<b>1.09</b>	<b>8.63</b>	<b>168.9</b>	<b>43.22</b>	<b>238</b>	<b>12,920</b>	<b>1.20</b>	<b>7.94</b>	<b>163.8</b>	<b>42.32</b>
Stanton Energy (FL).....	1,877	12,792	1.09	8.63	168.9	43.22	238	12,920	1.20	7.94	163.8	42.32
<b>Orrville City of</b> .....	<b>186</b>	<b>11,609</b>	<b>3.50</b>	<b>10.19</b>	<b>101.2</b>	<b>23.50</b>	—	—	—	—	—	—
Orrville (OH).....	186	11,609	3.50	10.19	101.2	23.50	—	—	—	—	—	—
<b>Otter Tail Power Co.</b> .....	<b>1,672</b>	<b>8,679</b>	<b>.63</b>	<b>9.03</b>	<b>93.0</b>	<b>16.15</b>	<b>737</b>	<b>8,824</b>	<b>.42</b>	<b>6.00</b>	<b>111.0</b>	<b>19.58</b>
Hoot Lake (MN).....	—	—	—	—	—	—	350	9,273	.40	4.73	125.7	23.31
Big Stone (SD).....	1,672	8,679	.63	9.03	93.0	16.15	387	8,418	.43	7.14	96.3	16.21
<b>Owensboro City of</b> .....	<b>1,303</b>	<b>10,986</b>	<b>3.37</b>	<b>11.54</b>	<b>94.0</b>	<b>20.65</b>	<b>1</b>	<b>11,386</b>	<b>2.55</b>	<b>10.10</b>	<b>68.1</b>	<b>15.51</b>
Smith (KY) .....	1,303	10,986	3.37	11.54	94.0	20.65	1	11,386	2.55	10.10	68.1	15.51
<b>PacifiCorp</b> .....	<b>28,856</b>	<b>9,588</b>	<b>.57</b>	<b>9.96</b>	<b>92.1</b>	<b>17.67</b>	<b>1,917</b>	<b>9,141</b>	<b>.35</b>	<b>4.47</b>	<b>106.7</b>	<b>19.51</b>
Carbon (UT).....	567	12,220	.43	8.41	58.1	14.19	2	11,877	.73	10.60	50.0	11.88
Centralia (WA).....	3,984	7,803	.90	15.05	171.0	26.68	1,502	9,342	.34	4.22	122.7	22.93
Johnston (WY).....	3,304	7,899	.46	8.70	47.2	7.45	413	8,397	.36	5.34	42.3	7.11
Naughton (WY).....	2,529	9,977	.75	4.92	115.5	23.05	—	—	—	—	—	—
Wyodak (WY).....	2,080	8,023	.53	6.69	73.6	11.81	—	—	—	—	—	—
Emery-Hunter (UT).....	4,305	11,561	.47	11.28	72.8	16.84	—	—	—	—	—	—
Jim Bridger (WY).....	9,168	9,343	.54	10.08	100.0	18.68	—	—	—	—	—	—
Huntington (UT).....	2,919	12,060	.39	9.09	62.8	15.14	—	—	—	—	—	—
<b>Painesville City of</b> .....	<b>92</b>	<b>12,528</b>	<b>2.52</b>	<b>8.36</b>	<b>131.7</b>	<b>32.99</b>	—	—	—	—	—	—
Painesville (OH).....	92	12,528	2.52	8.36	131.7	32.99	—	—	—	—	—	—
<b>Pennsylvania Electric Co</b> .....	<b>11,121</b>	<b>12,390</b>	<b>1.97</b>	<b>13.18</b>	<b>118.4</b>	<b>29.34</b>	<b>1,558</b>	<b>12,469</b>	<b>2.28</b>	<b>12.77</b>	<b>97.1</b>	<b>24.22</b>
Conemaugh (PA).....	3,967	12,691	2.27	11.31	107.0	27.16	714	12,476	2.41	13.41	92.5	23.08
Homer City (PA).....	1,172	11,284	2.41	20.11	119.5	26.96	150	10,829	2.91	21.74	95.1	20.61
Seward (PA).....	322	12,294	1.62	14.25	110.0	27.05	—	—	—	—	—	—
Shawville (PA).....	1,286	12,342	1.78	13.25	114.0	28.14	25	12,287	1.89	13.29	100.1	24.60
Warren (PA).....	78	12,278	1.76	11.51	117.5	28.86	49	12,303	1.79	12.66	114.6	28.21
Keystone (PA).....	4,296	12,438	1.66	12.93	130.9	32.55	621	12,877	2.03	9.87	101.2	26.07
<b>Pennsylvania Power &amp; Light Co</b> .....	<b>4,714</b>	<b>12,905</b>	<b>1.61</b>	<b>9.68</b>	<b>143.2</b>	<b>36.95</b>	<b>2,450</b>	<b>12,487</b>	<b>1.69</b>	<b>12.67</b>	<b>126.9</b>	<b>31.69</b>
Brunner Island (PA).....	2,713	12,893	1.38	9.34	146.0	37.64	376	12,921	1.26	9.68	132.3	34.20
Holtwood (PA).....	—	—	—	—	—	—	1	11,090	1.16	23.20	133.3	29.57
Martins Creek (PA).....	—	—	—	—	—	—	344	13,191	2.03	8.13	124.7	32.89
Montour (PA).....	1,945	12,928	1.93	10.13	140.8	36.39	1,340	12,701	1.89	11.96	130.1	33.05
Sunbury (PA).....	56	12,725	1.76	10.62	89.2	22.69	389	10,713	1.12	21.98	109.9	23.54
<b>Pennsylvania Power Co.</b> .....	<b>4,489</b>	<b>12,053</b>	<b>3.31</b>	<b>12.47</b>	<b>167.2</b>	<b>40.30</b>	<b>515</b>	<b>11,997</b>	<b>4.03</b>	<b>13.09</b>	<b>106.3</b>	<b>25.51</b>
New Castle (PA).....	658	11,967	1.64	11.98	115.8	27.73	—	—	—	—	—	—
Bruce Mansfield (PA).....	3,831	12,067	3.59	12.55	175.9	42.46	515	11,997	4.03	13.09	106.3	25.51
<b>Philadelphia Electric Co</b> .....	<b>1,218</b>	<b>13,215</b>	<b>1.84</b>	<b>7.61</b>	<b>144.8</b>	<b>38.26</b>	<b>42</b>	<b>13,051</b>	<b>1.74</b>	<b>7.63</b>	<b>137.3</b>	<b>35.84</b>
Cromby (PA).....	201	13,247	1.83	7.66	144.0	38.16	42	13,051	1.74	7.63	137.3	35.84
Eddystone (PA).....	1,017	13,208	1.84	7.60	144.9	38.28	—	—	—	—	—	—
<b>Plains Elec Gen&amp;Trans Coop Inc</b> .....	<b>926</b>	<b>9,260</b>	<b>.84</b>	<b>17.25</b>	<b>131.5</b>	<b>24.35</b>	—	—	—	—	—	—
Escalante (NM).....	926	9,260	.84	17.25	131.5	24.35	—	—	—	—	—	—
<b>Platte River Power Authority</b> .....	<b>1,277</b>	<b>8,807</b>	<b>.25</b>	<b>5.44</b>	<b>59.9</b>	<b>10.55</b>	<b>50</b>	<b>8,758</b>	<b>.19</b>	<b>4.57</b>	<b>60.1</b>	<b>10.53</b>
Rawhide (CO).....	1,277	8,807	.25	5.44	59.9	10.55	50	8,758	.19	4.57	60.1	10.53
<b>Portland General Electric Co.</b> .....	—	—	—	—	—	—	<b>2,326</b>	<b>8,961</b>	<b>.39</b>	<b>6.41</b>	<b>107.9</b>	<b>19.34</b>
Boardman (OR).....	—	—	—	—	—	—	2,326	8,961	.39	6.41	107.9	19.34
<b>Potomac Edison Co</b> .....	<b>78</b>	<b>12,350</b>	<b>.96</b>	<b>12.43</b>	<b>129.4</b>	<b>31.96</b>	<b>44</b>	<b>12,267</b>	<b>.98</b>	<b>13.35</b>	<b>132.0</b>	<b>32.38</b>
Smith (MD).....	78	12,350	.96	12.43	129.4	31.96	44	12,267	.98	13.35	132.0	32.38

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Potomac Electric Power Co.....</b>	<b>4,966</b>	<b>13,183</b>	<b>1.26</b>	<b>8.01</b>	<b>137.9</b>	<b>36.37</b>	<b>1,625</b>	<b>13,139</b>	<b>1.25</b>	<b>8.27</b>	<b>137.8</b>	<b>36.20</b>
Chalk (MD).....	1,062	13,136	1.24	8.96	149.9	39.37	597	13,182	1.38	9.43	134.1	35.36
Dickerson (MD).....	1,210	13,260	1.27	8.44	124.4	33.00	70	13,186	1.26	7.86	130.3	34.36
Morgantown (MD).....	1,999	13,156	1.45	7.37	137.6	36.20	539	13,143	1.49	6.93	137.7	36.19
Potomac River (VA).....	695	13,197	.76	7.68	144.4	38.11	419	13,063	.76	8.43	144.3	37.70
<b>Public Service Co of Colorado.....</b>	<b>9,715</b>	<b>9,459</b>	<b>.37</b>	<b>6.42</b>	<b>96.8</b>	<b>18.30</b>	<b>882</b>	<b>10,078</b>	<b>.42</b>	<b>6.60</b>	<b>91.6</b>	<b>18.47</b>
Arapahoe (CO).....	520	8,814	.24	5.34	82.0	14.46	279	8,744	.37	5.35	84.5	14.77
Cameo (CO).....	325	10,940	.59	15.30	117.3	25.68	—	—	—	—	—	—
Cherokee (CO).....	1,726	11,361	.48	9.60	103.3	23.47	477	10,752	.46	7.53	90.5	19.47
Comanche (CO).....	2,975	8,575	.29	4.38	93.7	16.06	—	—	—	—	—	—
Valmont (CO).....	215	11,267	.49	9.60	109.9	24.76	126	10,480	.37	5.83	109.2	22.89
Hayden (CO).....	1,363	10,618	.41	7.89	107.7	22.87	—	—	—	—	—	—
Pawnee (CO).....	2,591	8,389	.34	4.70	85.5	14.34	—	—	—	—	—	—
<b>PSI Energy Inc.....</b>	<b>10,870</b>	<b>11,203</b>	<b>1.98</b>	<b>8.86</b>	<b>107.0</b>	<b>23.98</b>	<b>5,161</b>	<b>11,004</b>	<b>1.31</b>	<b>9.04</b>	<b>113.3</b>	<b>24.93</b>
Cayuga (IN).....	1,717	10,943	1.77	9.71	109.9	24.05	1,329	10,838	.90	8.64	119.5	25.90
Edwardsport (IN).....	31	11,222	.53	7.15	100.0	22.45	234	10,977	1.74	9.51	91.1	20.00
Noblesville (IN).....	—	—	—	—	—	—	203	11,458	1.96	8.20	116.1	26.60
Gallagher (IN).....	915	13,205	2.27	7.11	115.3	30.46	372	11,478	1.73	9.53	112.9	25.91
Wabash River (IN).....	1,138	10,871	1.93	10.13	109.1	23.71	886	10,926	1.80	9.16	107.9	23.57
Gibson Station (IN).....	7,069	11,060	2.00	8.68	104.8	23.18	2,138	11,017	1.17	9.18	113.9	25.10
<b>Public Service Co of NH.....</b>	<b>800</b>	<b>13,225</b>	<b>1.75</b>	<b>6.78</b>	<b>156.9</b>	<b>41.51</b>	<b>535</b>	<b>12,997</b>	<b>.75</b>	<b>5.60</b>	<b>143.2</b>	<b>37.23</b>
Merrimack (NH).....	800	13,225	1.75	6.78	156.9	41.51	15	13,178	2.25	6.37	152.9	40.30
Schiller (NH).....	—	—	—	—	—	—	520	12,992	.70	5.58	142.9	37.14
<b>Public Service Co of NM.....</b>	<b>6,623</b>	<b>9,303</b>	<b>.83</b>	<b>25.83</b>	<b>173.8</b>	<b>32.33</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
San Juan (NM).....	6,623	9,303	.83	25.83	173.8	32.33	—	—	—	—	—	—
<b>Public Service Co of Oklahoma.....</b>	<b>3,716</b>	<b>8,643</b>	<b>.21</b>	<b>4.59</b>	<b>118.0</b>	<b>20.40</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Northeastern (OK).....	3,716	8,643	.21	4.59	118.0	20.40	—	—	—	—	—	—
<b>Public Service Electric&amp;Gas Co.....</b>	<b>1,762</b>	<b>13,203</b>	<b>.79</b>	<b>8.47</b>	<b>141.2</b>	<b>37.29</b>	<b>149</b>	<b>13,744</b>	<b>.72</b>	<b>6.04</b>	<b>140.2</b>	<b>38.54</b>
Hudson (NJ).....	876	12,644	.88	10.99	141.9	35.89	10	12,496	.82	11.10	141.2	35.29
Mercer (NJ).....	885	13,756	.71	5.98	140.6	38.67	139	13,832	.72	5.69	140.1	38.76
<b>Richmond City of.....</b>	<b>316</b>	<b>12,022</b>	<b>2.71</b>	<b>8.97</b>	<b>123.9</b>	<b>29.79</b>	<b>18</b>	<b>11,508</b>	<b>2.19</b>	<b>12.35</b>	<b>128.1</b>	<b>29.47</b>
Whitewater (IN).....	316	12,022	2.71	8.97	123.9	29.79	18	11,508	2.19	12.35	128.1	29.47
<b>Rochester Public Utilities.....</b>	<b>106</b>	<b>11,065</b>	<b>.88</b>	<b>8.85</b>	<b>158.5</b>	<b>35.08</b>	<b>*</b>	<b>12,015</b>	<b>.82</b>	<b>6.32</b>	<b>142.4</b>	<b>34.22</b>
Silver Lake (MN).....	106	11,065	.88	8.85	158.5	35.08	*	12,015	.82	6.32	142.4	34.22
<b>Rochester Gas &amp; Electric Corp.....</b>	<b>513</b>	<b>13,213</b>	<b>2.14</b>	<b>7.06</b>	<b>139.3</b>	<b>36.81</b>	<b>66</b>	<b>12,922</b>	<b>2.12</b>	<b>9.27</b>	<b>150.1</b>	<b>38.79</b>
Beebee Station 3 (NY).....	—	—	—	—	—	—	25	12,616	1.89	10.77	155.8	39.31
Russell Station 7 (NY).....	513	13,213	2.14	7.06	139.3	36.81	41	13,108	2.26	8.35	146.8	38.47
<b>Salt River Proj Ag I &amp; P Dist.....</b>	<b>10,843</b>	<b>10,684</b>	<b>.50</b>	<b>10.69</b>	<b>127.0</b>	<b>27.13</b>	<b>121</b>	<b>9,607</b>	<b>.44</b>	<b>12.15</b>	<b>144.9</b>	<b>27.83</b>
Navajo (AZ).....	8,129	10,941	.53	9.44	116.7	25.54	—	—	—	—	—	—
Coronado (AZ).....	2,714	9,915	.42	14.44	160.9	31.91	121	9,607	.44	12.15	144.9	27.83
<b>San Antonio City of.....</b>	<b>6,879</b>	<b>8,470</b>	<b>.33</b>	<b>5.73</b>	<b>96.2</b>	<b>16.29</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
JT Deely/Spruce (TX).....	6,879	8,470	.33	5.73	96.2	16.29	—	—	—	—	—	—
<b>San Miguel Electric Coop Inc.....</b>	<b>3,086</b>	<b>5,271</b>	<b>1.76</b>	<b>26.86</b>	<b>72.3</b>	<b>7.62</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
San Miquel (TX).....	3,086	5,271	1.76	26.86	72.3	7.62	—	—	—	—	—	—
<b>Savannah Electric &amp; Power Co.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>792</b>	<b>12,033</b>	<b>.83</b>	<b>11.25</b>	<b>142.2</b>	<b>34.23</b>
Kraft (GA).....	—	—	—	—	—	—	444	12,542	.75	7.21	139.6	35.01
McIntosh (GA).....	—	—	—	—	—	—	348	11,384	.94	16.40	145.9	33.22
<b>Seminole Electric Coop Inc.....</b>	<b>2,160</b>	<b>12,077</b>	<b>2.94</b>	<b>7.63</b>	<b>171.7</b>	<b>41.46</b>	<b>949</b>	<b>13,251</b>	<b>2.66</b>	<b>7.08</b>	<b>143.1</b>	<b>37.93</b>
Seminole (FL).....	2,160	12,077	2.94	7.63	171.7	41.46	949	13,251	2.66	7.08	143.1	37.93

See footnotes at end of table.

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



**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Sierra Pacific Power Co.....</b>	<b>695</b>	<b>11,316</b>	<b>0.35</b>	<b>8.26</b>	<b>195.5</b>	<b>44.25</b>	<b>981</b>	<b>11,713</b>	<b>0.45</b>	<b>8.89</b>	<b>102.8</b>	<b>24.08</b>
North Valmy (NV) .....	695	11,316	.35	8.26	195.5	44.25	981	11,713	.45	8.89	102.8	24.08
<b>Sikeston City of.....</b>	<b>1,006</b>	<b>8,750</b>	<b>.34</b>	<b>5.55</b>	<b>100.5</b>	<b>17.59</b>	—	—	—	—	—	—
Sikeston (MO) .....	1,006	8,750	.34	5.55	100.5	17.59	—	—	—	—	—	—
<b>South Carolina Electric&amp;Gas Co .....</b>	<b>4,835</b>	<b>12,760</b>	<b>1.07</b>	<b>9.10</b>	<b>150.1</b>	<b>38.30</b>	<b>1,243</b>	<b>12,606</b>	<b>1.19</b>	<b>9.86</b>	<b>145.5</b>	<b>36.67</b>
Canadys (SC).....	291	12,792	1.32	9.09	150.7	38.56	148	12,822	1.28	8.39	144.5	37.06
Mcmeekin (SC).....	677	12,933	1.22	9.01	150.5	38.92	10	12,263	1.66	11.08	148.8	36.51
Urguhart (SC).....	474	12,974	1.23	8.71	156.4	40.58	148	12,904	1.25	9.54	150.5	38.84
Wateree (SC).....	1,197	12,560	1.24	10.37	148.7	37.35	510	12,508	1.23	10.39	145.5	36.39
Williams (SC).....	1,500	12,839	.76	7.98	151.1	38.79	90	12,941	.73	7.11	142.9	36.98
Cope (SC).....	697	12,607	1.12	9.73	145.2	36.61	337	12,447	1.16	10.54	144.2	35.91
<b>South Carolina Pub Serv Auth.....</b>	<b>5,333</b>	<b>12,900</b>	<b>1.20</b>	<b>8.24</b>	<b>134.4</b>	<b>34.67</b>	<b>693</b>	<b>12,784</b>	<b>1.27</b>	<b>8.56</b>	<b>130.8</b>	<b>33.45</b>
Cross (SC).....	2,472	12,827	1.11	8.27	133.7	34.29	214	12,792	1.13	7.82	129.4	33.11
Grainger (SC).....	271	12,905	1.58	7.35	151.2	39.01	28	12,824	1.47	8.57	146.2	37.49
Jefferies (SC).....	569	13,100	1.52	7.85	133.3	34.93	130	12,797	1.52	9.25	130.1	33.30
Winyah (SC).....	2,021	12,932	1.15	8.43	133.3	34.48	322	12,770	1.25	8.77	130.7	33.38
<b>South Mississippi El Pwr Assn .....</b>	<b>1,038</b>	<b>12,381</b>	<b>.88</b>	<b>9.69</b>	<b>189.5</b>	<b>46.93</b>	—	—	—	—	—	—
R D Morrow (MS).....	1,038	12,381	.88	9.69	189.5	46.93	—	—	—	—	—	—
<b>Southern California Edison Co.....</b>	<b>4,493</b>	<b>10,981</b>	<b>.49</b>	<b>9.79</b>	<b>130.5</b>	<b>28.65</b>	—	—	—	—	—	—
Mohave (NV).....	4,493	10,981	.49	9.79	130.5	28.65	—	—	—	—	—	—
<b>Southern Illinois Power Coop .....</b>	<b>664</b>	<b>10,989</b>	<b>2.95</b>	<b>16.10</b>	<b>98.6</b>	<b>21.68</b>	<b>111</b>	<b>9,023</b>	<b>2.03</b>	<b>21.16</b>	<b>64.8</b>	<b>11.70</b>
Marion (IL).....	664	10,989	2.95	16.10	98.6	21.68	111	9,023	2.03	21.16	64.8	11.70
<b>Southern Indiana Gas &amp; Elec Co.....</b>	<b>2,693</b>	<b>11,518</b>	<b>3.81</b>	<b>9.17</b>	<b>95.4</b>	<b>21.97</b>	<b>90</b>	<b>11,670</b>	<b>1.43</b>	<b>6.78</b>	<b>126.9</b>	<b>29.61</b>
Culley (IN).....	1,199	11,655	4.01	9.80	93.9	21.89	—	—	—	—	—	—
A B Brown (IN).....	1,231	11,484	3.86	8.38	96.9	22.25	90	11,670	1.43	6.78	126.9	29.61
Warrick (IN).....	262	11,047	2.66	9.95	94.9	20.96	—	—	—	—	—	—
<b>Southwestern Electric Power Co .....</b>	<b>8,815</b>	<b>7,685</b>	<b>.68</b>	<b>8.64</b>	<b>144.0</b>	<b>22.14</b>	<b>4,033</b>	<b>8,589</b>	<b>.25</b>	<b>4.61</b>	<b>136.2</b>	<b>23.40</b>
Flint Creek (AR).....	1,295	8,527	.29	4.47	162.9	27.78	1,033	8,630	.24	4.55	114.9	19.83
Welsh Station (TX).....	3,893	8,432	.34	4.70	162.3	27.37	3,000	8,575	.26	4.63	143.6	24.64
Pirkey (TX).....	3,627	6,583	1.17	14.34	110.2	14.51	—	—	—	—	—	—
<b>Southwestern Public Service Co .....</b>	<b>8,833</b>	<b>8,796</b>	<b>.34</b>	<b>5.37</b>	<b>145.9</b>	<b>25.67</b>	<b>127</b>	<b>8,690</b>	<b>.33</b>	<b>5.34</b>	<b>112.6</b>	<b>19.57</b>
Harrington (TX).....	4,397	8,910	.35	5.41	118.6	21.14	5	8,828	.34	5.39	116.5	20.57
Tolk (TX).....	4,435	8,682	.33	5.33	173.7	30.15	121	8,683	.33	5.34	112.4	19.53
<b>Springfield City of.....</b>	<b>1,052</b>	<b>10,469</b>	<b>3.13</b>	<b>9.41</b>	<b>109.2</b>	<b>22.87</b>	<b>59</b>	<b>10,288</b>	<b>1.13</b>	<b>7.88</b>	<b>129.9</b>	<b>26.72</b>
Dallman (IL).....	954	10,469	3.13	9.41	109.2	22.87	59	10,288	1.13	7.88	129.9	26.72
Lakeside (IL).....	97	10,476	3.12	9.44	109.2	22.87	—	—	—	—	—	—
<b>Springfield City of.....</b>	<b>1,757</b>	<b>9,163</b>	<b>.26</b>	<b>4.47</b>	<b>107.3</b>	<b>19.67</b>	—	—	—	—	—	—
James River (MO).....	950	9,373	.33	4.60	112.6	21.10	—	—	—	—	—	—
Southwest (MO).....	807	8,914	.18	4.32	100.8	17.97	—	—	—	—	—	—
<b>St Joseph Light &amp; Power Co .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>457</b>	<b>9,606</b>	<b>.30</b>	<b>5.49</b>	<b>94.4</b>	<b>18.13</b>
Lakeroad (MO).....	—	—	—	—	—	—	457	9,606	.30	5.49	94.4	18.13
<b>Sunflower Electric Coop Inc.....</b>	<b>1,561</b>	<b>8,465</b>	<b>.31</b>	<b>5.39</b>	<b>106.1</b>	<b>17.96</b>	—	—	—	—	—	—
Holcomb (KS).....	1,561	8,465	.31	5.39	106.1	17.96	—	—	—	—	—	—
<b>Tampa Electric Co<sup>4</sup>.....</b>	<b>4,509</b>	<b>11,979</b>	<b>2.17</b>	<b>8.23</b>	<b>161.1</b>	<b>38.60</b>	<b>2,222</b>	<b>11,056</b>	<b>1.59</b>	<b>6.46</b>	<b>127.2</b>	<b>28.12</b>
Gannon (FL).....	471	12,647	1.17	7.97	253.7	64.18	—	—	—	—	—	—
Davant Transfer (LA).....	4,038	11,901	2.29	8.26	149.6	35.62	2,222	11,056	1.59	6.46	127.2	28.12
<b>Tennessee Valley Authority<sup>5</sup>.....</b>	<b>37,610</b>	<b>11,429</b>	<b>2.02</b>	<b>10.57</b>	<b>111.3</b>	<b>25.44</b>	<b>4,413</b>	<b>12,258</b>	<b>1.78</b>	<b>10.00</b>	<b>116.8</b>	<b>28.65</b>
Colbert (AL).....	1,026	12,153	2.04	11.52	107.3	26.07	10	11,964	.95	12.37	124.2	29.71

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>Tennessee Valley Authority<sup>5</sup></b>												
Widows Creek (AL).....	1,844	11,990	2.59	10.37	117.0	28.07	1,331	12,414	2.41	10.15	115.3	28.62
Paradise (KY).....	6,318	10,639	4.31	19.14	95.1	20.23	138	10,859	4.48	15.97	91.2	19.81
Shawnee (KY).....	3,184	11,360	.45	7.86	129.0	29.32	604	11,756	1.27	9.37	118.3	27.81
Bull Run (TN).....	1,410	12,450	1.27	10.28	115.5	28.76	366	12,857	1.21	8.37	115.6	29.73
Cumberland (TN).....	6,953	11,721	2.83	9.20	109.0	25.56	212	12,537	2.58	9.90	107.6	26.98
Gallatin (TN).....	88	12,756	2.52	8.28	112.6	28.73	—	—	—	—	—	—
Sevier (TN).....	1,904	12,728	1.56	10.15	129.0	32.85	186	12,590	1.62	12.30	124.5	31.35
Johnsonville (TN).....	1,371	12,356	1.76	7.35	104.3	25.77	—	—	—	—	—	—
Kingston (TN).....	3,133	12,358	1.33	10.39	125.8	31.08	970	12,581	1.40	9.63	124.6	31.36
GRT Terminal (TN).....	8,124	10,856	.98	7.92	107.7	23.39	413	11,545	1.24	9.56	112.0	25.87
Cora Transfer (TN).....	2,255	10,483	.47	6.71	108.1	22.66	152	11,981	.60	10.59	114.3	27.38
Cahokia (AL).....	—	—	—	—	—	—	30	11,383	.40	9.21	112.4	25.58
<b>Texas Municipal Power Agency.....</b>	<b>1,919</b>	<b>8,429</b>	<b>.33</b>	<b>5.62</b>	<b>120.2</b>	<b>20.26</b>	<b>1</b>	<b>8,866</b>	<b>.23</b>	<b>4.37</b>	<b>112.8</b>	<b>20.00</b>
Gibbons Creek (TX).....	1,919	8,429	.33	5.62	120.2	20.26	1	8,866	.23	4.37	112.8	20.00
<b>Texas-New Mexico Power Co.....</b>	<b>1,640</b>	<b>6,771</b>	<b>.91</b>	<b>18.14</b>	<b>143.3</b>	<b>19.41</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
TNP One (Tx).....	1,640	6,771	.91	18.14	143.3	19.41	—	—	—	—	—	—
<b>Texas Utilities Electric Co<sup>6</sup>.....</b>	<b>34,427</b>	<b>6,451</b>	<b>.82</b>	<b>15.18</b>	<b>99.0</b>	<b>12.78</b>	<b>127</b>	<b>8,325</b>	<b>.39</b>	<b>5.09</b>	<b>122.7</b>	<b>20.43</b>
Big Brown (TX).....	4,972	6,407	.74	15.39	111.5	14.28	—	—	—	—	—	—
Martin Lake (TX).....	14,006	6,501	1.05	13.43	80.7	10.50	127	8,325	.39	5.09	122.7	20.43
Monticello (TX).....	11,628	6,263	.47	16.75	115.1	14.42	—	—	—	—	—	—
Sandow No 4 (TX).....	3,821	6,892	1.15	16.53	103.0	14.20	—	—	—	—	—	—
<b>Toledo Edison Co.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,862</b>	<b>8,878</b>	<b>.26</b>	<b>5.21</b>	<b>116.7</b>	<b>20.73</b>
Bay Shore (OH).....	—	—	—	—	—	—	1,862	8,878	.26	5.21	116.7	20.73
<b>Tri State G &amp; T Assn Inc.....</b>	<b>4,407</b>	<b>10,260</b>	<b>.44</b>	<b>7.31</b>	<b>112.9</b>	<b>23.17</b>	<b>608</b>	<b>10,235</b>	<b>.45</b>	<b>7.39</b>	<b>57.6</b>	<b>11.79</b>
Nucla (CO).....	359	10,786	.84	19.80	109.7	23.66	—	—	—	—	—	—
Craig (CO).....	4,047	10,213	.41	6.20	113.2	23.13	608	10,235	.45	7.39	57.6	11.79
<b>Tucson Electric Power Co.....</b>	<b>3,252</b>	<b>9,279</b>	<b>.85</b>	<b>16.93</b>	<b>144.2</b>	<b>26.77</b>	<b>270</b>	<b>11,316</b>	<b>.47</b>	<b>9.64</b>	<b>204.7</b>	<b>46.33</b>
Irvington (AZ).....	20	10,195	.41	12.14	278.3	56.75	270	11,316	.47	9.64	204.7	46.33
Springerville (AZ).....	3,232	9,273	.85	16.96	143.3	26.58	—	—	—	—	—	—
<b>Union Electric Co.....</b>	<b>3,820</b>	<b>9,131</b>	<b>.36</b>	<b>4.91</b>	<b>109.9</b>	<b>20.08</b>	<b>13,969</b>	<b>8,840</b>	<b>.39</b>	<b>5.26</b>	<b>94.0</b>	<b>16.62</b>
Labadie (MO).....	2,157	8,749	.22	4.51	97.5	17.07	6,266	8,757	.24	5.09	91.6	16.05
Meramec (MO).....	1,556	9,520	.50	5.20	123.4	23.50	402	9,725	.54	4.76	121.2	23.58
Sioux (MO).....	107	11,187	1.13	8.90	138.9	31.09	2,346	9,670	.89	5.77	105.6	20.43
Rush Island (MO).....	—	—	—	—	—	—	4,955	8,480	.31	5.29	88.2	14.97
<b>United Illuminating Co.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>35</b>	<b>13,541</b>	<b>.61</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
Bridgeport Harbor (CT).....	—	—	—	—	—	—	35	13,541	.61	4.85	169.3	45.85
<b>United Power Assn.....</b>	<b>1,062</b>	<b>6,703</b>	<b>.67</b>	<b>9.83</b>	<b>69.7</b>	<b>9.35</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Stanton (ND).....	1,062	6,703	.67	9.83	69.7	9.35	—	—	—	—	—	—
<b>UtiliCorp United Inc.....</b>	<b>1,318</b>	<b>9,474</b>	<b>.37</b>	<b>5.50</b>	<b>87.3</b>	<b>16.55</b>	<b>77</b>	<b>12,183</b>	<b>.44</b>	<b>7.99</b>	<b>112.5</b>	<b>27.42</b>
Sibley (MO).....	1,318	9,474	.37	5.50	87.3	16.55	77	12,183	.44	7.99	112.5	27.42
<b>Vineland City of.....</b>	<b>7</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.58</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
H M Down (NJ).....	7	12,842	.78	6.21	193.0	49.58	—	—	—	—	—	—
<b>Virginia Electric &amp; Power Co.....</b>	<b>10,752</b>	<b>12,556</b>	<b>1.56</b>	<b>11.16</b>	<b>126.0</b>	<b>31.64</b>	<b>2,861</b>	<b>12,653</b>	<b>1.70</b>	<b>9.52</b>	<b>131.3</b>	<b>33.22</b>
Bremo Bluff (VA).....	412	12,535	1.77	9.31	141.8	35.56	133	12,520	1.85	9.31	139.2	34.86
Chesterfield (VA).....	1,922	12,706	1.65	8.17	141.3	35.91	822	12,714	1.82	8.34	137.9	35.07
Chesapeake Energy (VA).....	1,467	12,903	1.27	8.47	138.2	35.68	213	12,977	1.33	7.59	138.4	35.93
Possum Point (VA).....	623	12,550	1.62	9.16	142.5	35.77	286	12,480	1.83	9.66	140.4	35.05
Yorktown (VA).....	434	12,715	1.74	8.41	140.9	35.82	413	12,859	2.13	8.02	139.6	35.90
Mount Storm (WV).....	3,771	12,338	1.78	14.93	111.8	27.59	468	12,398	1.77	14.03	115.6	28.66
Clover (VA).....	1,976	12,710	1.03	9.31	118.8	30.21	526	12,620	1.14	9.28	117.9	29.77
North Branch (VA).....	146	10,280	3.61	27.06	87.5	18.00	—	—	—	—	—	—

See footnotes at end of table.

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

**Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
<b>West Penn Power Co.....</b>	<b>4,398</b>	<b>12,818</b>	<b>2.31</b>	<b>8.93</b>	<b>111.3</b>	<b>28.53</b>	<b>204</b>	<b>12,619</b>	<b>2.47</b>	<b>9.82</b>	<b>92.0</b>	<b>23.21</b>
Armstrong (PA).....	686	12,358	1.77	11.03	105.5	26.07	88	12,701	2.15	9.07	100.2	25.46
Hatfield (PA).....	3,162	13,020	2.23	8.07	109.9	28.62	—	—	—	—	—	—
Mitchell (PA).....	550	12,229	3.40	11.26	127.1	31.10	116	12,556	2.71	10.38	85.6	21.50
<b>West Texas Utilities Co.....</b>	<b>2,036</b>	<b>8,388</b>	<b>.45</b>	<b>5.34</b>	<b>142.4</b>	<b>23.88</b>	<b>852</b>	<b>8,484</b>	<b>.34</b>	<b>5.37</b>	<b>101.0</b>	<b>17.14</b>
Oklahoma (TX).....	2,036	8,388	.45	5.34	142.4	23.88	852	8,484	.34	5.37	101.0	17.14
<b>Western Farmers Elec Coop Inc.....</b>	<b>1,838</b>	<b>8,710</b>	<b>.28</b>	<b>5.00</b>	<b>104.8</b>	<b>18.26</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Hugo (OK).....	1,838	8,710	.28	5.00	104.8	18.26	—	—	—	—	—	—
<b>Wisconsin Electric Power Co.....</b>	<b>10,461</b>	<b>9,467</b>	<b>.45</b>	<b>6.07</b>	<b>99.5</b>	<b>18.83</b>	<b>1,057</b>	<b>8,870</b>	<b>.20</b>	<b>4.59</b>	<b>95.4</b>	<b>16.92</b>
Presque Isle (MI).....	1,773	10,305	.38	6.76	120.6	24.86	21	13,000	.79	7.95	146.5	38.09
Oak Creek (WI).....	2,110	10,290	.65	6.86	117.6	24.20	1,036	8,787	.19	4.52	93.8	16.49
Port Washington (WI).....	409	13,164	1.36	6.74	139.9	36.82	—	—	—	—	—	—
Valley (WI).....	466	11,797	.53	8.82	151.9	35.85	—	—	—	—	—	—
Pleasant Prairie (WI).....	5,703	8,446	.33	5.29	72.7	12.29	—	—	—	—	—	—
<b>Wisconsin Power &amp; Light Co.....</b>	<b>1,888</b>	<b>8,722</b>	<b>.34</b>	<b>5.12</b>	<b>118.9</b>	<b>20.75</b>	<b>5,564</b>	<b>8,659</b>	<b>.35</b>	<b>5.23</b>	<b>97.5</b>	<b>16.89</b>
Edgewater (WI).....	1,351	8,480	.34	5.50	117.5	19.93	1,446	9,069	.35	5.52	112.0	20.31
Nelson Dewey (WI).....	513	9,334	.34	4.17	122.1	22.80	—	—	—	—	—	—
Rock River (WI).....	23	9,307	.34	4.15	124.2	23.12	49	9,352	.39	4.80	128.8	24.08
Columbia (WI).....	—	—	—	—	—	—	4,069	8,505	.35	5.13	91.6	15.59
<b>Wisconsin Public Service Corp.....</b>	<b>3,162</b>	<b>8,841</b>	<b>.25</b>	<b>4.82</b>	<b>104.8</b>	<b>18.53</b>	<b>350</b>	<b>8,638</b>	<b>.27</b>	<b>5.07</b>	<b>97.2</b>	<b>16.79</b>
Pulliam (WI).....	1,419	8,906	.19	4.35	100.2	17.85	86	8,712	.26	4.71	105.1	18.32
Weston (WI).....	1,743	8,788	.29	5.20	108.5	19.08	264	8,613	.27	5.18	94.6	16.30
<b>Wyandotte Municipal Serv Comm.....</b>	<b>129</b>	<b>12,704</b>	<b>1.00</b>	<b>9.16</b>	<b>144.9</b>	<b>36.81</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Wyandotte (MI).....	129	12,704	1.00	9.16	144.9	36.81	—	—	—	—	—	—
<b>Total.....</b>	<b>740,039</b>	<b>10,041</b>	<b>1.01</b>	<b>9.20</b>	<b>123.0</b>	<b>24.70</b>	<b>168,193</b>	<b>10,701</b>	<b>.98</b>	<b>8.19</b>	<b>116.1</b>	<b>24.84</b>

<sup>1</sup> Some coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping Facility.  
<sup>2</sup> Most coal destined for the Crawford and Fisk plants is reported as delivered to the Will County plant. It is later transferred to Crawford and Fisk.  
<sup>3</sup> The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from the transfer facility to the Crystal River power plant. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.  
<sup>4</sup> The cost reported under Davant Transfer (Louisiana) is the weighted average cost of coal delivered to this facility located in Louisiana. The Tampa Electric Company incurs additional costs for transporting this coal from Davant to its power plants which are located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.  
<sup>5</sup> Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Nearly all of the coal delivered to the Cora facility was transferred to plants in Tennessee. About 1 percent was transferred to plants in Alabama. All coal delivered to the Cora facility is shown in this report as being delivered to Tennessee. Approximately 64 percent of the coal delivered to the GRT facility was transferred to plants in Tennessee. Approximately 36 percent was transferred to plants in Alabama. All coal delivered to GRT is shown in this report as being delivered to Tennessee.  
<sup>6</sup> Data for Texas Utilities Electric Company include lignite delivered for the Aluminium Company of America (ALCOA) portion of Unit 4 of the Sandow Plant.

\* = Number less than 0.5.  
Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Alabama Electric Coop Inc</b> .....	<b>1,553</b>	<b>139.9</b>	<b>33.07</b>	<b>1.22</b>	<b>6</b>	<b>414.5</b>	<b>22.72</b>	<b>0.06</b>	—	—	—	<b>100</b>	*	—
Lowman (AL).....	1,553	139.9	33.07	1.22	6	414.5	22.72	.06	—	—	—	100	*	—
<b>Alabama Power Co<sup>3</sup></b> .....	<b>24,398</b>	<b>154.8</b>	<b>33.12</b>	<b>.78</b>	<b>96</b>	<b>234.6</b>	<b>13.71</b>	<b>.03</b>	<b>2,174</b>	<b>295.1</b>	<b>2.98</b>	<b>99</b>	*	*
Barry (AL).....	4,095	206.7	50.39	.71	—	—	—	—	507	269.9	2.74	99	—	1
Gadsden (AL).....	240	153.6	38.14	1.85	*	268.4	15.72	.00	850	253.5	2.57	87	*	13
Gorgas 2 and 3 (AL).....	3,273	147.4	35.29	1.37	19	242.3	14.31	.05	—	—	—	100	*	—
Greene (AL).....	1,446	120.9	30.09	2.05	23	344.5	19.80	.03	40	332.4	3.41	100	*	*
Gaston (AL).....	4,487	180.8	44.20	.95	44	191.6	11.22	.03	—	—	—	100	*	—
James Miller (AL).....	10,856	122.3	21.66	.35	10	160.6	9.44	.00	778	355.5	3.57	100	*	*
<b>Alexandria City of</b> .....	—	—	—	—	—	—	—	—	<b>1,929</b>	<b>248.2</b>	<b>2.59</b>	—	—	<b>100</b>
Alexandria-Hunter (LA).....	—	—	—	—	—	—	—	—	1,929	248.2	2.59	—	—	100
<b>American Mun Power Ohio Inc</b> .....	<b>832</b>	<b>89.6</b>	<b>20.75</b>	<b>4.70</b>	—	—	—	—	<b>92</b>	<b>384.6</b>	<b>4.00</b>	<b>100</b>	—	*
Gorsuch (OH).....	832	89.6	20.75	4.70	—	—	—	—	92	384.6	4.00	100	—	*
<b>Ames City of</b> .....	<b>238</b>	<b>140.9</b>	<b>25.03</b>	<b>.18</b>	<b>11</b>	<b>398.8</b>	<b>23.00</b>	<b>.20</b>	—	—	—	<b>99</b>	<b>1</b>	—
Ames (IA).....	238	140.9	25.03	.18	11	398.8	23.00	.20	—	—	—	99	1	—
<b>Anchorage City of</b> .....	—	—	—	—	—	—	—	—	<b>6,597</b>	<b>201.5</b>	<b>2.02</b>	—	—	<b>100</b>
George Sullivan (AK).....	—	—	—	—	—	—	—	—	6,597	201.5	2.02	—	—	100
<b>Appalachian Power Co</b> .....	<b>13,649</b>	<b>132.4</b>	<b>32.48</b>	<b>.75</b>	<b>185</b>	<b>461.4</b>	<b>26.91</b>	<b>.10</b>	—	—	—	<b>100</b>	*	—
Clinch River (VA).....	1,665	130.3	32.42	.71	10	431.5	25.30	.07	—	—	—	100	*	—
Glen Lyn (VA).....	778	134.9	34.69	.88	27	378.7	22.02	.05	—	—	—	99	1	—
Amos (WV).....	6,685	131.2	31.97	.77	100	472.7	27.72	.10	—	—	—	100	*	—
Kanawha River (WV).....	906	130.7	31.76	.80	4	436.3	25.76	.07	—	—	—	100	*	—
Mountaineer (WV).....	3,614	135.6	33.13	.67	44	495.9	28.50	.15	—	—	—	100	*	—
<b>Arizona Electric Pwr Coop Inc</b> .....	<b>1,435</b>	<b>116.2</b>	<b>23.06</b>	<b>.46</b>	—	—	—	—	<b>2,710</b>	<b>224.4</b>	<b>2.29</b>	<b>91</b>	—	<b>9</b>
Apache (AZ).....	1,435	116.2	23.06	.46	—	—	—	—	2,710	224.4	2.29	91	—	9
<b>Arizona Public Service Co</b> .....	<b>12,301</b>	<b>113.6</b>	<b>21.08</b>	<b>.67</b>	<b>57</b>	<b>464.1</b>	<b>26.84</b>	<b>.21</b>	<b>23,038</b>	<b>267.7</b>	<b>2.70</b>	<b>91</b>	*	<b>9</b>
Cholla (AZ).....	3,791	140.9	28.01	.46	1	413.9	24.01	.05	289	394.5	4.02	100	*	*
Ocotillo (AZ).....	—	—	—	—	—	—	—	—	5,169	275.1	2.74	—	—	100
Phoenix (AZ).....	—	—	—	—	56	465.0	26.90	.21	8,277	268.7	2.75	—	4	96
Saguaro (AZ).....	—	—	—	—	—	—	—	—	4,559	271.8	2.77	—	—	100
Yucca (AZ).....	—	—	—	—	—	—	—	—	4,033	234.1	2.31	—	—	100
Four Corners (NM).....	8,510	100.1	17.99	.76	—	—	—	—	709	311.6	3.15	100	—	*
<b>Arkansas Power &amp; Light Co</b> .....	<b>13,078</b>	<b>146.3</b>	<b>25.36</b>	<b>.27</b>	<b>97</b>	<b>333.8</b>	<b>19.76</b>	<b>.31</b>	<b>26,189</b>	<b>253.0</b>	<b>2.59</b>	<b>89</b>	*	<b>11</b>
Moses (AR).....	—	—	—	—	—	—	—	—	518	298.4	3.03	—	—	100
Couch (AR).....	—	—	—	—	—	—	—	—	2,380	261.7	2.70	—	—	100
Lake Catherine (AR).....	—	—	—	—	—	—	—	—	19,610	248.0	2.52	—	—	100
Ritchie (AR).....	—	—	—	—	—	—	—	—	3,681	267.4	2.78	—	—	100
Whitebluff (AR).....	6,281	159.9	27.11	.34	37	312.1	18.49	.34	—	—	—	100	*	—
Independence (AR).....	6,797	134.3	23.74	.21	59	347.5	20.55	.29	—	—	—	100	*	—
<b>Associated Electric Coop Inc</b> .....	<b>9,141</b>	<b>83.2</b>	<b>14.78</b>	<b>.19</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Madrid (MO).....	4,352	95.1	16.91	.19	—	—	—	—	—	—	—	100	—	—
Hill (MO).....	4,789	72.3	12.85	.19	—	—	—	—	—	—	—	100	—	—
<b>Atlantic City Electric Co</b> .....	<b>679</b>	<b>157.2</b>	<b>40.50</b>	<b>2.12</b>	<b>363</b>	<b>301.9</b>	<b>19.20</b>	<b>.93</b>	<b>414</b>	<b>309.7</b>	<b>3.21</b>	<b>87</b>	<b>11</b>	<b>2</b>
England (NJ).....	565	157.4	40.56	2.38	362	301.9	19.19	.93	—	—	—	87	13	—
Deepwater (NJ).....	114	156.0	40.20	.87	1	340.8	19.96	.11	414	309.7	3.21	87	*	13
<b>Austin City of</b> .....	—	—	—	—	—	—	—	—	<b>30,086</b>	<b>259.3</b>	<b>2.64</b>	—	—	<b>100</b>
Decker Creek (TX).....	—	—	—	—	—	—	—	—	20,528	257.3	2.63	—	—	100
Holly (TX).....	—	—	—	—	—	—	—	—	9,558	263.5	2.67	—	—	100
<b>Baltimore Gas &amp; Electric Co</b> .....	<b>5,544</b>	<b>139.4</b>	<b>35.48</b>	<b>.88</b>	<b>1,986</b>	<b>247.0</b>	<b>15.69</b>	<b>.92</b>	<b>6,125</b>	<b>328.1</b>	<b>3.41</b>	<b>88</b>	<b>8</b>	<b>4</b>
Brandon Shores (MD).....	3,770	139.2	34.99	.71	23	411.4	24.08	.21	—	—	—	100	*	—
Crane (MD).....	813	138.2	36.51	1.66	3	343.8	20.15	.28	19	375.7	3.89	100	*	*

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Baltimore Gas &amp; Electric Co</b>														
Gould St (MD).....	—	—	—	—	83	202.2	12.86	0.96	789	319.7	3.33	—	39	61
Wagner (MD).....	961	141.4	36.53	0.89	1,877	247.0	15.71	.93	4,792	330.8	3.44	59	29	12
Riverside (MD).....	—	—	—	—	—	—	—	—	525	314.6	3.28	—	—	100
<b>Basin Electric Power Coop.....</b>	<b>16,434</b>	<b>57.9</b>	<b>8.58</b>	<b>.56</b>	<b>64</b>	<b>483.2</b>	<b>27.99</b>	<b>.34</b>	—	—	—	<b>100</b>	*	—
Leland Olds (ND).....	3,598	76.5	10.20	.70	17	418.9	24.26	.34	—	—	—	100	*	—
Laramie River (WY).....	7,406	44.3	7.41	.41	38	525.5	30.43	.34	—	—	—	100	*	—
Antelope Valley (ND).....	5,430	68.9	9.09	.68	10	430.2	24.92	.34	—	—	—	100	*	—
<b>Big Rivers Electric Corp.....</b>	<b>263</b>	<b>103.5</b>	<b>23.65</b>	<b>2.58</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Reid-Henderson (KY).....	263	103.5	23.65	2.58	—	—	—	—	—	—	—	100	—	—
<b>Black Hills Corp.....</b>	<b>496</b>	<b>42.7</b>	<b>6.90</b>	<b>.57</b>	<b>2</b>	<b>443.8</b>	<b>26.63</b>	<b>.03</b>	—	—	—	<b>100</b>	*	—
Neal Simpson II (WY).....	496	42.7	6.90	.57	2	443.8	26.63	.03	—	—	—	100	*	—
<b>Braintree City of.....</b>	—	—	—	—	<b>14</b>	<b>241.2</b>	<b>14.07</b>	<b>.14</b>	<b>731</b>	<b>291.2</b>	<b>3.01</b>	—	<b>10</b>	<b>90</b>
Potter Station (MA).....	—	—	—	—	14	241.2	14.07	.14	731	291.2	3.01	—	10	90
<b>Brazos Electric Power Coop Inc</b>	—	—	—	—	—	—	—	—	<b>19,558</b>	<b>234.9</b>	<b>2.35</b>	—	—	<b>100</b>
North Texas (TX).....	—	—	—	—	—	—	—	—	428	237.5	2.37	—	—	100
Miller (TX).....	—	—	—	—	—	—	—	—	19,129	234.8	2.35	—	—	100
<b>Bryan City of.....</b>	—	—	—	—	—	—	—	—	<b>6,133</b>	<b>233.4</b>	<b>2.37</b>	—	—	<b>100</b>
Bryan (TX).....	—	—	—	—	—	—	—	—	1,132	229.6	2.32	—	—	100
Dansby (TX).....	—	—	—	—	—	—	—	—	5,001	234.2	2.38	—	—	100
<b>Burbank City of.....</b>	—	—	—	—	—	—	—	—	<b>753</b>	<b>318.1</b>	<b>3.22</b>	—	—	<b>100</b>
Magnolia-Olive (CA).....	—	—	—	—	—	—	—	—	753	318.1	3.22	—	—	100
<b>Burlington City of.....</b>	—	—	—	—	—	—	—	—	<b>252</b>	<b>319.3</b>	<b>3.23</b>	<b>92</b>	—	<b>8</b>
J C McNeil (VT).....	—	—	—	—	—	—	—	—	252	319.3	3.23	92	—	8
<b>Cajun Electric Power Coop Inc.....</b>	<b>6,648</b>	<b>146.2</b>	<b>24.39</b>	<b>.46</b>	<b>34</b>	<b>357.2</b>	<b>21.00</b>	<b>.05</b>	<b>7,715</b>	<b>232.9</b>	<b>2.43</b>	<b>93</b>	*	<b>7</b>
Big Cajun No.1 (LA).....	—	—	—	—	—	—	—	—	7,715	232.9	2.43	—	—	100
Big Cajun No.2 (LA).....	6,648	146.2	24.39	.46	34	357.2	21.00	.05	—	—	—	100	*	—
<b>Cardinal Operating Co.....</b>	<b>3,660</b>	<b>225.0</b>	<b>55.24</b>	<b>1.52</b>	<b>50</b>	<b>378.2</b>	<b>22.17</b>	<b>.03</b>	—	—	—	<b>100</b>	*	—
Cardinal (OH).....	3,660	225.0	55.24	1.52	50	378.2	22.17	.03	—	—	—	100	*	—
<b>Carolina Power &amp; Light Co.....</b>	<b>11,546</b>	<b>147.9</b>	<b>37.12</b>	<b>.91</b>	<b>418</b>	<b>405.9</b>	<b>23.52</b>	<b>.20</b>	—	—	—	<b>99</b>	<b>1</b>	—
Asheville (NC).....	951	142.1	36.24	1.01	98	440.2	25.51	.20	—	—	—	98	2	—
Cape Fear (NC).....	658	146.6	36.16	1.03	65	392.8	22.77	.20	—	—	—	98	2	—
Lee (NC).....	662	152.7	38.03	.97	66	389.5	22.57	.20	—	—	—	98	2	—
Roxboro (NC).....	5,967	146.9	36.56	.89	60	389.7	22.59	.20	—	—	—	100	*	—
Sutton (NC).....	1,126	152.4	39.03	.94	63	402.1	23.31	.20	—	—	—	99	1	—
Weatherspoon (NC).....	284	162.4	41.62	.99	33	413.1	23.94	.20	—	—	—	97	3	—
Robinson (SC).....	364	144.3	37.78	1.46	5	377.0	21.85	.20	—	—	—	100	*	—
Mayo (NC).....	1,533	149.0	37.46	.65	28	395.7	22.94	.20	—	—	—	100	*	—
<b>Cedar Falls City of.....</b>	<b>44</b>	<b>160.8</b>	<b>38.78</b>	<b>1.31</b>	—	—	—	—	<b>130</b>	<b>286.9</b>	<b>2.87</b>	<b>89</b>	—	<b>11</b>
Streeter (IA).....	44	160.8	38.78	1.31	—	—	—	—	130	286.9	2.87	89	—	11
<b>Central Electric Pwr Coop-MO.....</b>	<b>135</b>	<b>127.7</b>	<b>28.14</b>	<b>2.73</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Chamois (MO).....	135	127.7	28.14	2.73	—	—	—	—	—	—	—	100	—	—
<b>Central Hudson Gas &amp; Elec Corp</b>	<b>857</b>	<b>161.9</b>	<b>41.89</b>	<b>.65</b>	<b>5,912</b>	<b>237.6</b>	<b>15.01</b>	<b>1.19</b>	<b>10,283</b>	<b>271.2</b>	<b>2.75</b>	<b>32</b>	<b>53</b>	<b>15</b>
Danskammer (NY).....	857	161.9	41.89	.65	6	308.8	19.79	.76	3,056	273.4	2.78	88	*	12
Roseton (NY).....	—	—	—	—	5,905	237.6	15.01	1.19	7,227	270.3	2.74	—	84	16
<b>Central Illinois Light Co.....</b>	<b>2,669</b>	<b>141.7</b>	<b>30.90</b>	<b>2.47</b>	<b>12</b>	<b>552.2</b>	<b>31.94</b>	<b>.13</b>	—	—	—	<b>100</b>	*	—
Edwards (IL).....	1,667	123.8	27.34	1.94	9	508.4	29.39	.16	—	—	—	100	*	—
Duck Creek (IL).....	1,002	172.6	36.82	3.37	4	650.9	37.70	.07	—	—	—	100	*	—

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Central Illinois Pub Serv Co</b> .....	<b>6,342</b>	<b>130.8</b>	<b>25.32</b>	<b>0.78</b>	<b>174</b>	<b>335.3</b>	<b>20.42</b>	<b>0.29</b>	<b>2</b>	<b>160.5</b>	<b>1.61</b>	<b>99</b>	<b>1</b>	<b>*</b>
Coffeen (IL).....	1,858	179.1	36.61	.96	9	432.0	24.96	.29	—	—	—	100	*	—
Grand Tower (IL).....	222	100.9	22.63	2.87	3	431.2	24.74	.29	—	—	—	100	*	—
Hutsonville (IL).....	182	109.0	23.98	2.77	10	404.4	23.25	.29	—	—	—	99	1	—
Meredosia (IL).....	576	113.1	24.41	1.86	124	304.2	18.94	.29	2	160.5	1.61	94	6	*
Newton (IL).....	3,504	109.0	19.73	.27	28	418.5	24.02	.29	—	—	—	100	*	—
<b>Central Iowa Power Coop</b> .....	<b>191</b>	<b>113.4</b>	<b>27.60</b>	<b>2.79</b>	<b>4</b>	<b>449.0</b>	<b>26.21</b>	<b>.05</b>	<b>5</b>	<b>385.1</b>	<b>3.89</b>	<b>99</b>	<b>1</b>	<b>*</b>
Summit Lake (IA).....	—	—	—	—	4	449.0	26.21	.05	—	—	—	—	100	—
Fair Station (IA).....	191	113.4	27.60	2.79	—	—	—	—	5	385.1	3.89	100	—	*
<b>Central Louisiana Elec Co Inc</b> .....	<b>4,864</b>	<b>135.8</b>	<b>20.81</b>	<b>.82</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>35,151</b>	<b>233.7</b>	<b>2.44</b>	<b>67</b>	<b>—</b>	<b>33</b>
Dolet Hills (LA).....	2,810	133.7	18.62	.92	—	—	—	—	31	299.9	3.07	100	—	*
Coughlin (LA).....	—	—	—	—	—	—	—	—	5,479	239.9	2.50	—	—	100
Teche (LA).....	—	—	—	—	—	—	—	—	15,363	233.0	2.43	—	—	100
Rodemacher (LA).....	2,054	138.2	23.80	.68	—	—	—	—	14,277	231.9	2.42	70	—	30
<b>Central Maine Power Co</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,045</b>	<b>177.9</b>	<b>11.27</b>	<b>1.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>
Wyman (ME).....	—	—	—	—	1,045	177.9	11.27	1.00	—	—	—	—	100	—
<b>Central Operating Co</b> .....	<b>2,658</b>	<b>122.7</b>	<b>29.79</b>	<b>1.49</b>	<b>45</b>	<b>450.3</b>	<b>25.85</b>	<b>.05</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Sporn (WV).....	2,658	122.7	29.79	1.49	45	450.3	25.85	.05	—	—	—	100	*	—
<b>Central Power &amp; Light Co</b> .....	<b>2,583</b>	<b>140.5</b>	<b>27.14</b>	<b>.30</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>128,535</b>	<b>233.4</b>	<b>2.40</b>	<b>28</b>	<b>—</b>	<b>72</b>
Joslin (TX).....	—	—	—	—	—	—	—	—	6,543	247.7	2.53	—	—	100
Bates (TX).....	—	—	—	—	—	—	—	—	8,593	227.2	2.36	—	—	100
Laredo (TX).....	—	—	—	—	—	—	—	—	8,349	235.9	2.50	—	—	100
Hill (TX).....	—	—	—	—	—	—	—	—	19,041	230.4	2.35	—	—	100
Nueces Bay (TX).....	—	—	—	—	—	—	—	—	27,649	230.0	2.36	—	—	100
La Palma (TX).....	—	—	—	—	—	—	—	—	9,437	234.4	2.41	—	—	100
Victoria (TX).....	—	—	—	—	—	—	—	—	11,998	240.6	2.46	—	—	100
Davis (TX).....	—	—	—	—	—	—	—	—	36,924	233.4	2.39	—	—	100
Coletto Creek (TX).....	2,583	140.5	27.14	.30	—	—	—	—	—	—	—	100	—	—
<b>Chugach Electric Assn Inc</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>13,833</b>	<b>139.1</b>	<b>1.39</b>	<b>—</b>	<b>—</b>	<b>100</b>
Beluga (AK).....	—	—	—	—	—	—	—	—	13,833	139.1	1.39	—	—	100
<b>Cincinnati Gas &amp; Electric Co</b> .....	<b>11,806</b>	<b>110.2</b>	<b>26.65</b>	<b>2.00</b>	<b>286</b>	<b>404.9</b>	<b>23.28</b>	<b>.23</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>99</b>	<b>1</b>	<b>—</b>
Beckjord (OH).....	3,054	113.5	27.36	1.01	138	402.8	23.10	.34	—	—	—	99	1	—
Miami Fort (OH).....	3,499	119.9	28.85	1.00	67	425.6	24.50	.05	—	—	—	100	*	—
East Bend (KY).....	1,854	103.2	25.23	2.21	17	384.6	22.05	.29	—	—	—	100	*	—
Zimmer (OH).....	3,398	101.2	24.53	3.82	63	392.7	22.73	.18	—	—	—	100	*	—
<b>Cleveland Electric Illum Co</b> .....	<b>3,819</b>	<b>124.3</b>	<b>31.73</b>	<b>2.04</b>	<b>94</b>	<b>389.1</b>	<b>22.66</b>	<b>.31</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>99</b>	<b>1</b>	<b>—</b>
Ashtabula (OH).....	331	106.1	26.19	3.84	9	402.2	23.44	.13	—	—	—	99	1	—
Avon Lake (OH).....	1,397	140.9	36.00	1.03	29	390.5	22.69	.36	—	—	—	100	*	—
Eastlake (OH).....	1,957	113.6	29.10	2.55	49	385.0	22.46	.34	—	—	—	99	1	—
Lake Shore (OH).....	133	150.8	39.60	.63	7	394.5	22.92	.17	—	—	—	99	1	—
<b>Coffeyville City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>929</b>	<b>209.9</b>	<b>2.10</b>	<b>—</b>	<b>—</b>	<b>100</b>
Coffeyville (KS).....	—	—	—	—	—	—	—	—	929	209.9	2.10	—	—	100
<b>Colorado Springs City of</b> .....	<b>1,450</b>	<b>116.2</b>	<b>24.64</b>	<b>.41</b>	<b>7</b>	<b>543.8</b>	<b>30.92</b>	<b>.34</b>	<b>1,198</b>	<b>344.0</b>	<b>3.39</b>	<b>96</b>	<b>*</b>	<b>4</b>
Drake (CO).....	813	137.8	29.63	.42	—	—	—	—	494	361.3	3.56	97	—	3
Birdsall (CO).....	—	—	—	—	—	—	—	—	413	362.0	3.56	—	—	100
Nixon (CO).....	637	87.8	18.26	.40	7	543.8	30.92	.34	291	289.1	2.84	98	*	2
<b>Columbia City of</b> .....	<b>40</b>	<b>199.6</b>	<b>53.49</b>	<b>1.23</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Columbia (MO).....	40	199.6	53.49	1.23	—	—	—	—	—	—	—	100	—	—
<b>Columbus Southern Power Co</b> .....	<b>4,118</b>	<b>121.4</b>	<b>29.07</b>	<b>2.68</b>	<b>15</b>	<b>408.5</b>	<b>24.15</b>	<b>.06</b>	<b>129</b>	<b>383.5</b>	<b>3.91</b>	<b>100</b>	<b>*</b>	<b>*</b>
Conesville (OH).....	3,950	121.5	29.18	2.68	14	408.0	24.12	.07	129	383.5	3.91	100	*	*
Picway (OH).....	168	118.5	26.56	2.74	1	415.0	24.43	.05	—	—	—	100	*	—

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Commonwealth Edison Co<sup>4</sup></b> .....	<b>14,206</b>	<b>192.0</b>	<b>33.85</b>	<b>0.40</b>	<b>273</b>	<b>359.3</b>	<b>22.20</b>	<b>0.50</b>	<b>31,118</b>	<b>234.4</b>	<b>2.39</b>	<b>88</b>	<b>1</b>	<b>11</b>
Joliet (IL).....	4,412	263.1	46.13	.37	—	—	—	—	—	—	—	100	—	—
Powerton (IL).....	4,406	138.0	24.34	.42	—	—	—	—	112	383.1	3.83	100	—	*
Waukegan (IL).....	2,059	180.1	31.35	.42	—	—	—	—	—	—	—	100	—	—
Will County (IL).....	3,329	177.0	31.71	.39	118	379.4	22.18	.31	—	—	—	99	1	—
Collins (IL).....	—	—	—	—	155	345.3	22.21	.64	30,052	233.5	2.38	—	3	97
Fisk Storage (IL).....	—	—	—	—	—	—	—	—	954	245.8	2.53	—	—	100
<b>Connecticut Light &amp; Power Co</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>7,245</b>	<b>239.2</b>	<b>15.30</b>	<b>.72</b>	<b>14,093</b>	<b>267.3</b>	<b>2.74</b>	<b>—</b>	<b>76</b>	<b>24</b>
Devon (CT).....	—	—	—	—	1,090	228.9	14.62	.88	5,293	262.8	2.68	—	56	44
Montville (CT).....	—	—	—	—	1,737	240.5	15.69	.75	274	303.0	3.12	—	98	2
Norwalk Harbor (CT).....	—	—	—	—	2,231	233.7	14.93	.90	—	—	—	—	100	—
Middletown (CT).....	—	—	—	—	2,186	248.9	15.70	.45	8,525	269.0	2.77	—	61	39
<b>Consolidated Edison Co-NY Inc.</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4,949</b>	<b>262.8</b>	<b>16.50</b>	<b>.30</b>	<b>50,628</b> <sup>2</sup>	<b>245.1</b>	<b>2.52</b>	<b>—</b>	<b>37</b>	<b>63</b>
Arthur Kill (NY).....	—	—	—	—	—	—	—	—	6,778	227.7	2.35	—	—	100
East River (NY).....	—	—	—	—	179	283.4	18.10	.28	3,531	256.3	2.64	—	24	76
Ravenswood (NY).....	—	—	—	—	44	208.5	13.22	.29	10,775	245.6	2.53	—	2	98
Waterside (NY).....	—	—	—	—	—	—	—	—	5,780 <sup>2</sup>	252.6	2.60	—	—	100
Astoria (NY).....	—	—	—	—	81	281.4	17.94	.29	23,763 <sup>2</sup>	246.2	2.54	—	2	98
Storage Facility #7.....	—	—	—	—	2,485	253.5	15.85	.29	—	—	—	—	100	—
Storage Facility #5.....	—	—	—	—	1,682	269.0	16.93	.32	—	—	—	—	100	—
Storage Facility #3.....	—	—	—	—	478	282.3	17.84	.29	—	—	—	—	100	—
<b>Consumers Power Co</b> .....	<b>8,942</b>	<b>136.5</b>	<b>29.66</b>	<b>.65</b>	<b>1,821</b>	<b>267.1</b>	<b>17.02</b>	<b>.95</b>	<b>4,840</b>	<b>268.5</b>	<b>2.68</b>	<b>92</b>	<b>6</b>	<b>2</b>
Cobb (MI).....	1,062	120.7	24.46	.79	1	331.5	19.21	.50	—	—	—	100	*	—
Karn-Weadock (MI).....	1,096	147.6	36.02	.87	1,696	257.1	16.50	.98	4,840	268.5	2.68	63	26	11
Campbell (MI).....	4,166	144.1	32.11	.60	27	417.4	24.19	.50	—	—	—	100	*	—
Weadock (MI).....	1,632	119.5	23.26	.52	90	413.5	23.97	.50	—	—	—	98	2	—
Whiting (MI).....	986	130.9	28.47	.67	7	448.8	26.01	.50	—	—	—	100	*	—
<b>Coop Power Assn</b> .....	<b>7,150</b>	<b>81.3</b>	<b>10.06</b>	<b>.66</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Coal Creek (ND).....	7,150	81.3	10.06	.66	—	—	—	—	—	—	—	100	—	—
<b>Dairyland Power Coop</b> .....	<b>2,827</b>	<b>116.5</b>	<b>23.05</b>	<b>.43</b>	<b>14</b>	<b>406.6</b>	<b>23.91</b>	<b>.50</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Alma-Madgett (WI).....	1,808	107.6	20.23	.28	7	459.0	26.99	.50	—	—	—	100	*	—
Genoa No.3 (WI).....	1,019	130.2	28.04	.71	7	354.2	20.83	.50	—	—	—	100	*	—
<b>Dayton Power &amp; Light Co</b> .....	<b>7,589</b>	<b>119.6</b>	<b>27.66</b>	<b>.78</b>	<b>142</b>	<b>424.7</b>	<b>24.58</b>	<b>.30</b>	<b>761</b>	<b>448.1</b>	<b>4.57</b>	<b>99</b>	<b>*</b>	<b>*</b>
Hutchings (OH).....	128	135.7	33.62	.86	—	—	—	—	761	448.1	4.57	80	—	20
Stuart (OH).....	5,724	117.3	26.87	.83	142	424.7	24.58	.30	—	—	—	99	1	—
Killen (OH).....	1,736	126.0	29.85	.62	—	—	—	—	—	—	—	100	—	—
<b>Delmarva Power &amp; Light Co</b> .....	<b>1,204</b>	<b>158.9</b>	<b>41.12</b>	<b>.97</b>	<b>2,532</b>	<b>240.6</b>	<b>15.32</b>	<b>.95</b>	<b>21,222</b>	<b>303.1</b>	<b>2.98</b>	<b>46</b>	<b>24</b>	<b>31</b>
Edgemoor (DE).....	273	158.1	39.76	.74	1,735	233.0	14.85	.63	7,066	268.2	2.36	28	46	26
Indian River (DE).....	931	159.2	41.52	1.03	85	392.7	22.84	.21	—	—	—	98	2	—
Vienna (MD).....	—	—	—	—	712	242.6	15.55	1.83	—	—	—	—	100	—
Hay Road (DE).....	—	—	—	—	—	—	—	—	14,156	317.9	3.28	—	—	100
<b>Denton City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3,032</b>	<b>249.8</b>	<b>2.62</b>	<b>—</b>	<b>—</b>	<b>100</b>
Spencer (TX).....	—	—	—	—	—	—	—	—	3,032	249.8	2.62	—	—	100
<b>Deseret Generation &amp; Tran Coop</b>	<b>1,502</b>	<b>157.5</b>	<b>32.53</b>	<b>.42</b>	<b>6</b>	<b>537.6</b>	<b>31.16</b>	<b>.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Bonanza (UT).....	1,502	157.5	32.53	.42	6	537.6	31.16	.00	—	—	—	100	*	—
<b>Detroit City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>9</b>	<b>393.0</b>	<b>22.73</b>	<b>.00</b>	<b>3,987</b>	<b>321.1</b>	<b>3.28</b>	<b>—</b>	<b>1</b>	<b>99</b>
Mistersky (MI).....	—	—	—	—	9	393.0	22.73	.00	3,987	321.1	3.28	—	1	99
<b>Detroit Edison Co</b> .....	<b>20,444</b>	<b>127.0</b>	<b>26.11</b>	<b>.60</b>	<b>491</b>	<b>365.8</b>	<b>21.60</b>	<b>.39</b>	<b>34,229</b>	<b>230.5</b>	<b>1.15</b>	<b>96</b>	<b>1</b>	<b>4</b>
Connors Creek (MI).....	—	—	—	—	2	424.6	24.61	.09	760	224.2	2.27	—	1	99
Harbor Beach (MI).....	102	145.5	38.98	.95	7	427.4	24.71	.18	—	—	—	98	2	—
Marysville (MI).....	37	146.6	39.37	.94	—	—	—	—	123	259.2	2.60	89	—	11
Monroe (MI).....	8,229	112.2	23.58	.60	90	382.6	22.24	.26	—	—	—	100	*	—
River Rouge (MI).....	1,531	116.1	24.92	.64	4	435.4	25.22	.07	20,633	121.8	.19	91	*	9

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Detroit Edison Co</b>														
St Clair (MI).....	4,681	144.3	29.10	0.71	159	439.7	25.27	0.29	409	272.6	2.75	99	1	*
Trenton Channel (MI).....	2,044	113.8	24.34	.75	21	512.4	29.59	.18	—	—	—	100	*	—
Belle River (MI).....	3,820	151.9	28.86	.34	18	442.5	25.68	.25	—	—	—	100	*	—
Greenwood (MI).....	—	—	—	—	190	273.6	16.74	.60	12,304	257.8	2.60	33	6	61
<b>Dover City of.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>251</b>	<b>273.3</b>	<b>17.18</b>	<b>.80</b>	<b>637</b>	<b>309.2</b>	<b>3.19</b>	<b>—</b>	<b>71</b>	<b>29</b>
Mckee Run (DE).....	—	—	—	—	251	273.3	17.18	.80	637	309.2	3.19	—	71	29
<b>Duke Power Co.....</b>	<b>14,802</b>	<b>140.4</b>	<b>34.82</b>	<b>.82</b>	<b>97</b>	<b>366.2</b>	<b>21.38</b>	<b>.30</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Allen (NC).....	1,928	140.9	34.98	.79	21	332.4	19.43	.30	—	—	—	100	*	—
Buck (NC).....	652	138.0	33.47	.78	—	—	—	—	—	—	—	100	*	—
Cliffside (NC).....	1,437	134.7	34.14	.89	15	345.4	20.17	.30	—	—	—	100	*	—
Dan River (NC).....	307	139.5	35.73	.71	—	—	—	—	—	—	—	100	*	—
Marshall (NC).....	4,256	131.1	32.42	.82	28	386.5	22.56	.30	—	—	—	100	*	—
Riverbend (NC).....	588	136.6	34.02	.93	—	—	—	—	—	—	—	100	*	—
Lee (SC).....	409	142.1	35.85	1.01	13	406.5	23.75	.30	—	—	—	99	1	—
Belews Creek (NC).....	5,225	150.1	37.01	.80	20	362.8	21.15	.30	—	—	—	100	*	—
<b>Duquesne Light Co.....</b>	<b>2,042</b>	<b>144.1</b>	<b>36.49</b>	<b>1.99</b>	<b>141</b>	<b>385.3</b>	<b>22.34</b>	<b>.14</b>	<b>538</b>	<b>338.9</b>	<b>3.52</b>	<b>97</b>	<b>2</b>	<b>1</b>
Brunot Is (PA).....	—	—	—	—	78	357.2	20.79	.14	—	—	—	100	*	—
Elrama (PA).....	870	183.5	44.86	2.21	63	420.4	24.25	.15	—	—	—	98	2	—
Cheswick (PA).....	1,172	116.6	30.29	1.84	—	—	—	—	538	338.9	3.52	98	—	2
<b>East Kentucky Power Coop Inc.....</b>	<b>3,938</b>	<b>113.5</b>	<b>28.02</b>	<b>.87</b>	<b>17</b>	<b>419.9</b>	<b>24.45</b>	<b>.14</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Cooper (KY).....	810	108.1	26.86	1.24	4	384.8	22.40	.20	—	—	—	100	*	—
Dale (KY).....	536	113.7	27.80	.82	5	397.5	23.14	.12	—	—	—	100	*	—
Spurlock (KY).....	2,592	115.2	28.43	.76	9	446.3	25.98	.12	—	—	—	100	*	—
<b>El Paso Electric Co.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>30,885</b>	<b>214.1</b>	<b>2.19</b>	<b>—</b>	<b>—</b>	<b>100</b>
Rio Grande (TX).....	—	—	—	—	—	—	—	—	8,551	197.7	2.02	—	—	100
Newman (TX).....	—	—	—	—	—	—	—	—	22,334	220.4	2.25	—	—	100
<b>Electric Energy Inc.....</b>	<b>4,935</b>	<b>87.4</b>	<b>15.28</b>	<b>.24</b>	<b>4</b>	<b>528.0</b>	<b>30.27</b>	<b>.24</b>	<b>470</b>	<b>268.1</b>	<b>2.79</b>	<b>99</b>	<b>*</b>	<b>1</b>
Joppa (IL).....	4,935	87.4	15.28	.24	4	528.0	30.27	.24	470	268.1	2.79	99	*	1
<b>Empire District Electric Co.....</b>	<b>1,104</b>	<b>107.2</b>	<b>19.93</b>	<b>.63</b>	<b>3</b>	<b>419.9</b>	<b>24.58</b>	<b>.03</b>	<b>765</b>	<b>254.4</b>	<b>2.55</b>	<b>96</b>	<b>*</b>	<b>4</b>
Riverton (KS).....	327	115.6	22.03	.84	—	—	—	—	765	254.4	2.55	89	—	11
Asbury (MO).....	777	103.6	19.05	.54	3	419.9	24.58	.03	—	—	—	100	*	—
<b>Fayetteville Public Works Comm.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,986</b>	<b>283.3</b>	<b>2.92</b>	<b>—</b>	<b>—</b>	<b>100</b>
Butler Warner (NC).....	—	—	—	—	—	—	—	—	1,986	283.3	2.92	—	—	100
<b>Florida Power &amp; Light Co.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>37,448</b>	<b>253.8</b>	<b>16.18</b>	<b>1.35</b>	<b>192,915</b>	<b>300.8</b>	<b>3.14</b>	<b>—</b>	<b>54</b>	<b>46</b>
Cape Canaveral (FL).....	—	—	—	—	3,536	254.1	16.21	1.40	10,825	300.8	3.14	—	67	33
Cutler (FL).....	—	—	—	—	—	—	—	—	5,166	303.4	3.16	—	—	100
Fort Myers (FL).....	—	—	—	—	4,724	243.5	15.53	2.01	—	—	—	—	100	—
Lauderdale (FL).....	—	—	—	—	—	—	—	—	51,287	295.8	3.09	—	—	100
Port Everglades (FL).....	—	—	—	—	6,130	259.6	16.52	.95	9,278	302.2	3.15	—	80	20
Riviera (FL).....	—	—	—	—	4,019	227.8	14.58	1.91	4,982	297.2	3.10	—	83	17
Sanford (FL).....	—	—	—	—	4,239	259.7	16.55	1.99	5,012	301.0	3.15	—	84	16
Turkey Point (FL).....	—	—	—	—	3,231	266.9	16.99	.96	13,652	306.8	3.20	—	59	41
Manatee (FL).....	—	—	—	—	8,137	250.5	15.93	.97	—	—	—	—	100	—
Martin (FL).....	—	—	—	—	3,431	276.3	17.67	.97	71,774	302.4	3.16	—	23	77
Putnam (FL).....	—	—	—	—	—	—	—	—	20,940	303.0	3.16	—	—	100
<b>Florida Power Corp<sup>5</sup>.....</b>	<b>5,446</b>	<b>172.0</b>	<b>43.58</b>	<b>.84</b>	<b>10,342</b>	<b>224.4</b>	<b>14.56</b>	<b>1.60</b>	<b>6,669</b>	<b>319.6</b>	<b>3.29</b>	<b>65</b>	<b>32</b>	<b>3</b>
Crystal River (FL).....	3,466	175.0	44.46	.90	74	396.8	23.30	.47	—	—	—	100	*	—
Bartow (FL).....	—	—	—	—	2,053	215.7	13.96	1.82	2,026	313.8	3.23	—	86	14
Suwannee (FL).....	—	—	—	—	518	283.3	17.91	2.07	689	299.8	3.11	—	82	18
Anclote (FL).....	—	—	—	—	32	428.6	25.22	.48	3,953	326.1	3.36	—	4	96
IMT Transfer (LA).....	1,980	166.8	42.05	.73	—	—	—	—	—	—	—	100	—	—
Storage Facility # 1.....	—	—	—	—	7,664	220.6	14.37	1.53	—	—	—	—	100	—

See footnotes at end of table.

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



**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Fort Pierre City of</b> .....	—	—	—	—	—	—	—	—	<b>1,958</b>	<b>237.1</b>	<b>2.48</b>	—	—	<b>100</b>
H D King (FL).....	—	—	—	—	—	—	—	—	1,958	237.1	2.48	—	—	100
<b>Fremont City of</b> .....	<b>249</b>	<b>92.0</b>	<b>16.15</b>	<b>0.20</b>	—	—	—	—	<b>247</b>	<b>233.2</b>	<b>2.33</b>	<b>95</b>	—	<b>5</b>
Wright (NE).....	249	92.0	16.15	.20	—	—	—	—	247	233.2	2.33	95	—	5
<b>Gainesville Regional Utilities</b> .....	<b>557</b>	<b>165.2</b>	<b>43.19</b>	<b>.64</b>	<b>11</b>	<b>324.2</b>	<b>20.66</b>	<b>1.97</b>	<b>4,891</b>	<b>276.9</b>	<b>2.89</b>	<b>74</b>	*	<b>26</b>
Deerhaven (FL).....	557	165.2	43.19	.64	11	324.2	20.66	1.97	3,547	272.4	2.85	79	*	20
Jr Kelly (FL).....	—	—	—	—	—	—	—	—	1,344	288.8	3.00	—	—	100
<b>Garland City of</b> .....	—	—	—	—	—	—	—	—	<b>11,414</b>	<b>247.1</b>	<b>2.51</b>	—	—	<b>100</b>
Newman (TX).....	—	—	—	—	—	—	—	—	687	276.9	2.84	—	—	100
Olinger (TX).....	—	—	—	—	—	—	—	—	10,728	245.2	2.49	—	—	100
<b>Georgia Power Co</b> .....	<b>32,505</b>	<b>154.9</b>	<b>36.34</b>	<b>.80</b>	<b>570</b>	<b>390.0</b>	<b>22.69</b>	<b>.50</b>	<b>7,972</b>	<b>244.0</b>	<b>2.53</b>	<b>99</b>	*	<b>1</b>
Arkwright (GA).....	124	166.3	43.01	1.72	—	—	—	—	2,196	261.8	2.71	59	—	41
Atkinson-McDonough (GA).....	1,260	143.2	37.27	1.04	25	299.8	17.44	.50	3,617	253.5	2.62	89	*	10
Bowen (GA).....	8,022	143.7	35.42	.88	47	434.2	25.26	.50	—	—	—	100	*	—
Hammond (GA).....	1,720	146.3	37.60	.83	17	378.6	22.02	.50	—	—	—	100	*	—
Harlee Branch (GA).....	3,004	158.5	39.33	1.24	11	403.2	23.45	.50	—	—	—	100	*	—
Mcmanus (GA).....	—	—	—	—	268	389.1	22.63	.50	—	—	—	—	100	—
Mitchell (GA).....	243	180.3	46.11	1.23	106	381.6	22.20	.50	—	—	—	91	9	—
Yates (GA).....	2,496	147.5	37.89	.92	22	398.6	23.19	.50	2,159	210.1	2.17	96	*	3
Wansley (GA).....	4,415	147.9	36.67	1.00	52	389.5	22.66	.50	—	—	—	100	*	—
Scherer (GA).....	11,219	171.1	35.14	.46	22	445.0	25.89	.50	—	—	—	100	*	—
<b>Glendale City of</b> .....	—	—	—	—	—	—	—	—	<b>2,981</b>	<b>262.4</b>	<b>2.68</b>	—	—	<b>100</b>
Glendale (CA).....	—	—	—	—	—	—	—	—	2,981	262.4	2.68	—	—	100
<b>Grand Haven City of</b> .....	<b>156</b>	<b>132.1</b>	<b>29.24</b>	<b>2.32</b>	—	—	—	—	<b>12</b>	<b>402.4</b>	<b>4.02</b>	<b>100</b>	—	<b>*</b>
J B Simms (MI).....	156	132.1	29.24	2.32	—	—	—	—	12	402.4	4.02	100	—	*
<b>Grand Island City of</b> .....	<b>375</b>	<b>65.0</b>	<b>10.80</b>	<b>.37</b>	—	—	—	—	<b>435</b> <sup>2</sup>	<b>277.8</b>	<b>2.78</b>	<b>93</b>	—	<b>7</b>
Platte (NE).....	375	65.0	10.80	.37	—	—	—	—	—	—	—	100	—	—
Burdick (NE).....	—	—	—	—	—	—	—	—	435 <sup>2</sup>	277.8	2.78	—	—	100
<b>Grand River Dam Authority</b> .....	<b>3,949</b>	<b>85.7</b>	<b>14.68</b>	<b>.43</b>	—	—	—	—	<b>175</b>	<b>246.7</b>	<b>2.47</b>	<b>100</b>	—	<b>*</b>
GRDA No 1 (OK).....	3,949	85.7	14.68	.43	—	—	—	—	175	246.7	2.47	100	—	*
<b>Greenville City of</b> .....	—	—	—	—	—	—	—	—	<b>231</b>	<b>244.9</b>	<b>2.61</b>	—	—	<b>100</b>
Power Lane (TX).....	—	—	—	—	—	—	—	—	231	244.9	2.61	—	—	100
<b>Gulf Power Co</b> .....	<b>3,548</b>	<b>142.9</b>	<b>34.97</b>	<b>1.38</b>	<b>24</b>	<b>363.8</b>	<b>21.16</b>	<b>.45</b>	<b>3,582</b>	<b>233.1</b>	<b>2.33</b>	<b>96</b>	*	<b>4</b>
Crist (FL).....	2,415	143.9	35.05	.98	5	296.4	17.24	.45	3,582	233.1	2.33	94	*	6
Scholtz (FL).....	165	164.8	40.82	.82	*	300.5	17.48	.22	—	—	—	100	*	—
Smith (FL).....	968	136.8	33.77	2.47	18	384.9	22.39	.45	—	—	—	100	*	—
<b>Gulf States Utilities Co</b> .....	<b>2,343</b>	<b>129.6</b>	<b>22.37</b>	<b>.45</b>	<b>16</b>	<b>1,364.8</b>	<b>79.12</b>	<b>.01</b>	<b>193,162</b>	<b>241.7</b>	<b>2.50</b>	<b>17</b>	*	<b>83</b>
Nelson (LA).....	2,343	129.6	22.37	.45	16	1,376.8	79.80	.00	25,287	236.3	2.45	61	*	39
Willow Glen (LA).....	—	—	—	—	—	—	—	—	43,019	243.9	2.53	—	—	100
Lewis Creek (TX).....	—	—	—	—	—	—	—	—	28,595	233.1	2.45	—	—	100
Sabine (TX).....	—	—	—	—	*	439.1	25.97	.50	94,862	245.0	2.52	—	*	100
Spindletop Storage (TX).....	—	—	—	—	—	—	—	—	1,399	230.0	2.36	—	—	100
<b>Hamilton City of</b> .....	<b>138</b>	<b>144.5</b>	<b>35.84</b>	<b>.92</b>	—	—	—	—	<b>412</b>	<b>270.5</b>	<b>2.77</b>	<b>89</b>	—	<b>11</b>
Hamilton (OH).....	138	144.5	35.84	.92	—	—	—	—	412	270.5	2.77	89	—	11
<b>Hastings City of</b> .....	<b>399</b>	<b>64.1</b>	<b>10.66</b>	<b>.34</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Hastings (NE).....	399	64.1	10.66	.34	—	—	—	—	—	—	—	100	—	—
<b>Hawaiian Electric Co Inc</b> .....	—	—	—	—	<b>10,744</b>	<b>319.9</b>	<b>20.08</b>	<b>.44</b>	—	—	—	—	—	<b>100</b>
Kahe (HI).....	—	—	—	—	699	311.2	19.59	.42	—	—	—	—	—	100
Waiiau (HI).....	—	—	—	—	94	374.4	22.73	.39	—	—	—	—	—	100
Storage Facility # 1.....	—	—	—	—	9,951	320.0	20.09	.44	—	—	—	—	—	100

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Holland City of</b> .....	<b>169</b>	<b>156.7</b>	<b>40.99</b>	<b>0.85</b>	—	—	—	—	<b>53</b>	<b>226.1</b>	<b>2.31</b>	<b>99</b>	—	<b>1</b>
James De Young (MI) .....	169	156.7	40.99	.85	—	—	—	—	53	226.1	2.31	99	—	1
<b>Holyoke Water Power Co.</b> .....	<b>324</b>	<b>173.6</b>	<b>45.90</b>	<b>.90</b>	<b>4</b>	<b>352.1</b>	<b>20.38</b>	<b>0.27</b>	—	—	—	<b>100</b>	*	—
Mount Tom (MA) .....	324	173.6	45.90	.90	4	352.1	20.38	.27	—	—	—	100	*	—
<b>Hoosier Energy R E C Inc</b> .....	<b>3,859</b>	<b>123.8</b>	<b>27.66</b>	<b>2.90</b>	<b>13</b>	<b>445.1</b>	<b>25.80</b>	<b>.06</b>	—	—	—	<b>100</b>	*	—
Frank E Ratts (IN) .....	624	133.6	29.84	1.35	3	370.2	21.46	.03	—	—	—	100	*	—
Merom (IN) .....	3,236	121.9	27.24	3.20	10	468.3	27.14	.06	—	—	—	100	*	—
<b>Houston Lighting &amp; Power Co.</b> .....	<b>20,059</b>	<b>145.0</b>	<b>22.39</b>	<b>.67</b>	—	—	—	—	<b>250,565</b>	<b>240.4</b>	<b>2.44</b>	<b>55</b>	—	<b>45</b>
Limestone (TX) .....	8,938	102.9	13.56	1.05	—	—	—	—	1,376	222.0	2.27	99	—	1
Cedar Bayou (TX) .....	—	—	—	—	—	—	—	—	71,022	238.5	2.43	—	—	100
Deepwater (TX) .....	—	—	—	—	—	—	—	—	2,209	245.9	2.54	—	—	100
Green Bayou (TX) .....	—	—	—	—	—	—	—	—	7,861	234.1	2.44	—	—	100
Robinson (TX) .....	—	—	—	—	—	—	—	—	86,077	241.3	2.44	—	—	100
Bertron (TX) .....	—	—	—	—	—	—	—	—	14,549	246.8	2.51	—	—	100
Wharton (TX) .....	—	—	—	—	—	—	—	—	25,564	236.8	2.39	—	—	100
Parish (TX) .....	11,121	170.9	29.49	.36	—	—	—	—	27,927	248.1	2.55	87	—	13
Webster (TX) .....	—	—	—	—	—	—	—	—	9,950	237.6	2.40	—	—	100
Storage Facility #2 .....	—	—	—	—	—	—	—	—	4,031	227.0	2.27	—	—	100
<b>IES Utilities Co.</b> .....	<b>5,599</b>	<b>86.4</b>	<b>14.68</b>	<b>.36</b>	<b>111</b>	<b>399.5</b>	<b>23.49</b>	<b>.07</b>	<b>2,746</b> <sup>2</sup>	<b>302.6</b>	<b>3.03</b>	<b>97</b>	<b>1</b>	<b>3</b>
6th St (IA) .....	177	149.7	30.84	.59	3	426.6	25.08	.02	1,423	280.7	2.81	72	*	28
Praire Creek (IA) .....	967	85.3	14.49	.34	1	427.2	25.12	.06	757	328.9	3.29	96	*	4
Sutherland (IA) .....	575	77.5	13.61	.36	98	394.3	23.19	.07	536	313.1	3.13	90	5	5
Burlington (IA) .....	690	79.5	13.21	.43	1	312.6	18.38	.00	31	486.2	4.86	100	*	*
Ottumwa (IA) .....	3,191	85.6	14.36	.33	8	456.6	26.85	.03	—	—	—	100	*	—
<b>Illinois Power Co.</b> .....	<b>6,203</b>	<b>114.5</b>	<b>24.97</b>	<b>2.14</b>	<b>222</b>	<b>305.9</b>	<b>19.07</b>	<b>.74</b>	<b>1,403</b>	<b>248.4</b>	<b>2.56</b>	<b>98</b>	<b>1</b>	<b>1</b>
Baldwin (IL) .....	3,911	105.2	22.46	2.77	18	380.4	22.37	.27	—	—	—	100	*	—
Havana (IL) .....	765	139.5	32.52	.51	199	294.6	18.49	.79	—	—	—	93	7	—
Hennepin (IL) .....	526	118.8	24.88	2.17	—	—	—	—	291	259.1	2.67	97	—	3
Vermilion (IL) .....	314	105.3	22.60	1.29	5	511.3	30.06	.30	139	259.8	2.68	98	*	2
Wood River (IL) .....	687	135.9	32.04	.72	—	—	—	—	973	243.6	2.50	94	—	6
<b>Imperial Irrigation District</b> .....	—	—	—	—	—	—	—	—	<b>4,070</b>	<b>264.2</b>	<b>2.66</b>	—	—	<b>100</b>
El Centro (CA) .....	—	—	—	—	—	—	—	—	4,070	264.2	2.66	—	—	100
<b>Independence City of</b> .....	<b>142</b>	<b>132.2</b>	<b>28.28</b>	<b>3.54</b>	—	—	—	—	<b>290</b>	<b>282.6</b>	<b>2.83</b>	<b>91</b>	—	<b>9</b>
Blue Valley (MO) .....	142	132.2	28.28	3.54	—	—	—	—	290	282.6	2.83	91	—	9
<b>Indiana-Kentucky Electric Corp</b> .....	<b>5,060</b>	<b>114.5</b>	<b>22.82</b>	<b>.61</b>	<b>6</b>	<b>448.1</b>	<b>25.59</b>	<b>.30</b>	—	—	—	<b>100</b>	*	—
Clifty Creek (IN) .....	5,060	114.5	22.82	.61	6	448.1	25.59	.30	—	—	—	100	*	—
<b>Indiana Michigan Power Co.</b> .....	<b>11,804</b>	<b>111.9</b>	<b>22.11</b>	<b>.47</b>	<b>163</b>	<b>406.8</b>	<b>23.35</b>	<b>.04</b>	—	—	—	<b>100</b>	*	—
Tanners Creek (IN) .....	2,402	121.8	29.89	1.04	33	376.5	21.87	.04	—	—	—	100	*	—
Rockport (IN) .....	9,402	108.5	20.13	.33	130	414.7	23.73	.03	—	—	—	100	*	—
<b>Indianapolis Power &amp; Light Co.</b> .....	<b>8,101</b>	<b>96.9</b>	<b>21.61</b>	<b>2.32</b>	<b>195</b>	<b>465.1</b>	<b>26.97</b>	<b>.21</b>	—	—	—	<b>99</b>	<b>1</b>	—
Stout (IN) .....	1,818	110.8	24.55	1.19	124	481.6	27.92	.22	—	—	—	98	2	—
Pritchard (IN) .....	676	105.9	23.37	1.22	47	441.3	25.56	.12	—	—	—	98	2	—
Petersburg (IN) .....	5,607	91.4	20.44	2.82	24	426.3	24.86	.35	—	—	—	100	*	—
<b>Interstate Power Co.</b> .....	<b>1,780</b>	<b>109.9</b>	<b>20.93</b>	<b>.43</b>	<b>19</b>	<b>391.9</b>	<b>23.04</b>	<b>.02</b>	<b>1,189</b>	<b>276.4</b>	<b>2.76</b>	<b>96</b>	*	<b>3</b>
Dubuque (IA) .....	173	121.1	28.12	.81	1	392.3	23.07	.02	58	289.7	2.90	98	*	1
Lansing (IA) .....	1,093	101.2	17.84	.37	11	392.2	23.06	.03	16	416.8	4.17	100	*	*
Kapp (IA) .....	514	121.4	25.07	.43	—	—	—	—	99	426.1	4.26	99	—	1
Fox Lake (MN) .....	—	—	—	—	7	391.2	23.01	.01	1,017	258.8	2.59	—	4	96
<b>Jacksonville Electric Auth.</b> .....	<b>3,181</b>	<b>155.1</b>	<b>38.23</b>	<b>1.08</b>	<b>4,473</b>	<b>211.0</b>	<b>13.37</b>	<b>1.42</b>	<b>13,715</b>	<b>279.1</b>	<b>2.95</b>	<b>67</b>	<b>22</b>	<b>11</b>
St Johns River (FL) .....	3,181	155.1	38.23	1.08	79	414.1	24.17	.35	—	—	—	99	1	—
Kennedy (FL) .....	—	—	—	—	410	256.5	16.31	.94	1,383	287.4	3.03	—	64	36
Northside (FL) .....	—	—	—	—	3,424	194.6	12.35	1.59	8,377	273.3	2.90	—	71	29
Southside (FL) .....	—	—	—	—	560	250.9	15.94	.88	3,955	288.4	3.05	—	46	54

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Jamestown City of</b> .....	<b>89</b>	<b>128.2</b>	<b>32.58</b>	<b>1.79</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Samuel A Carlson (NY).....	89	128.2	32.58	1.79	—	—	—	—	—	—	—	100	—	—
<b>Jersey Central Power&amp;Light Co</b> .....	—	—	—	—	—	—	—	—	<b>519</b>	<b>330.8</b>	<b>3.42</b>	—	—	<b>100</b>
Sayreville (NJ).....	—	—	—	—	—	—	—	—	519	330.8	3.42	—	—	100
<b>Kansas City City of</b> .....	<b>1,400</b>	<b>76.5</b>	<b>12.96</b>	<b>.38</b>	<b>64</b>	<b>416.3</b>	<b>24.13</b>	<b>0.50</b>	<b>1,875</b>	<b>275.4</b>	<b>2.76</b>	<b>91</b>	<b>1</b>	<b>7</b>
Kaw (KS).....	—	—	—	—	—	—	—	—	722	298.5	2.99	—	—	100
Quindaro (KS).....	611	88.0	15.41	.32	51	416.8	24.16	.50	1,153	260.9	2.61	88	2	9
Nearman (KS).....	789	67.1	11.07	.42	13	414.2	24.01	.50	—	—	—	99	1	—
<b>Kansas City Power &amp; Light Co</b> .....	<b>10,315</b>	<b>73.5</b>	<b>12.77</b>	<b>.45</b>	<b>105</b>	<b>425.8</b>	<b>24.71</b>	<b>.06</b>	<b>1,910</b>	<b>283.0</b>	<b>2.83</b>	<b>99</b>	<b>*</b>	<b>1</b>
La Cygne (KS).....	5,469	67.8	11.71	.61	75	444.2	25.76	.07	—	—	—	100	*	—
Hawthorne (MO).....	182	68.0	11.98	.27	—	—	—	—	1,910	283.0	2.83	63	—	37
Montrose (MO).....	1,752	90.6	15.90	.20	17	367.7	21.42	.02	—	—	—	100	*	—
Iatan (MO).....	2,912	74.1	12.94	.33	13	396.3	22.97	.02	—	—	—	100	*	—
<b>Kansas Gas &amp; Electric Co</b> .....	—	—	—	—	<b>177</b>	<b>212.0</b>	<b>14.01</b>	<b>1.49</b>	<b>13,421</b>	<b>226.8</b>	<b>2.31</b>	—	<b>8</b>	<b>92</b>
Evans (KS).....	—	—	—	—	—	—	—	—	9,769	225.7	2.31	—	—	100
Gill (KS).....	—	—	—	—	168	210.9	13.94	1.49	3,339	230.1	2.34	—	25	75
Neosho (KS).....	—	—	—	—	9	232.5	15.33	1.50	314	224.9	2.29	—	16	84
<b>Kansas Power &amp; Light Co</b> .....	<b>10,795</b>	<b>109.6</b>	<b>18.94</b>	<b>.35</b>	<b>40</b>	<b>466.6</b>	<b>27.04</b>	<b>.31</b>	<b>2,752</b>	<b>244.3</b>	<b>2.47</b>	<b>98</b>	<b>*</b>	<b>1</b>
Hutchinson (KS).....	—	—	—	—	—	—	—	—	2,235	241.9	2.45	—	—	100
Lawrence (KS).....	1,260	107.0	21.23	.38	—	—	—	—	347	256.8	2.57	99	—	1
Tecumseh (KS).....	646	103.1	20.01	.36	—	—	—	—	171	250.3	2.52	99	—	1
Jeffrey Energy Cnt (KS).....	8,889	110.6	18.54	.35	40	466.6	27.04	.31	—	—	—	100	*	—
<b>Kentucky Power Co</b> .....	<b>3,218</b>	<b>105.6</b>	<b>25.80</b>	<b>1.11</b>	<b>33</b>	<b>400.7</b>	<b>23.47</b>	<b>.05</b>	—	—	—	<b>100</b>	<b>*</b>	—
Big Sandy (KY).....	3,218	105.6	25.80	1.11	33	400.7	23.47	.05	—	—	—	100	*	—
<b>Kentucky Utilities Co</b> .....	<b>7,822</b>	<b>111.3</b>	<b>26.74</b>	<b>1.44</b>	<b>54</b>	<b>497.7</b>	<b>29.27</b>	<b>.40</b>	—	—	—	<b>100</b>	<b>*</b>	—
Brown (KY).....	1,763	115.3	28.30	1.40	4	572.3	33.65	.40	—	—	—	100	*	—
Ghent (KY).....	5,480	110.7	26.44	1.41	34	501.2	29.47	.40	—	—	—	100	*	—
Green River (KY).....	470	100.4	23.17	2.04	5	486.9	28.63	.40	—	—	—	100	*	—
Tyrone (KY).....	109	123.9	31.66	.85	11	468.7	27.56	.40	—	—	—	98	2	—
<b>Lafayette City of</b> .....	—	—	—	—	—	—	—	—	<b>7,706</b>	<b>236.6</b>	<b>2.49</b>	—	—	<b>100</b>
Bonin (LA).....	—	—	—	—	—	—	—	—	7,706	236.6	2.49	—	—	100
<b>Lake Worth City of</b> .....	—	—	—	—	<b>40</b>	<b>371.4</b>	<b>21.80</b>	<b>.15</b>	<b>2,272</b>	<b>303.0</b>	<b>3.16</b>	—	<b>9</b>	<b>91</b>
Tom G Smith (FL).....	—	—	—	—	40	371.4	21.80	.15	2,272	303.0	3.16	—	9	91
<b>Lakeland City of</b> .....	<b>790</b>	<b>173.8</b>	<b>44.48</b>	<b>1.40</b>	<b>260</b>	<b>313.9</b>	<b>19.58</b>	<b>1.96</b>	<b>12,935</b>	<b>289.2</b>	<b>3.01</b>	<b>60</b>	<b>4</b>	<b>36</b>
Larsen Mem (FL).....	—	—	—	—	61	264.7	16.58	2.20	6,634	292.4	3.04	—	5	95
Plant 3-Mcintosh (FL).....	790	173.8	44.48	1.40	199	329.0	20.50	1.88	6,301	285.8	2.97	74	4	22
<b>Lansing City of</b> .....	<b>1,374</b>	<b>147.8</b>	<b>31.55</b>	<b>.56</b>	<b>12</b>	<b>341.0</b>	<b>19.76</b>	<b>.30</b>	—	—	—	<b>100</b>	<b>*</b>	—
Eckert (MI).....	901	141.0	27.25	.41	10	341.0	19.76	.30	—	—	—	100	*	—
Erickson (MI).....	472	157.7	39.76	.87	2	341.0	19.76	.28	—	—	—	100	*	—
<b>Long Island Lighting Co</b> .....	—	—	—	—	<b>6,874</b>	<b>228.6</b>	<b>14.56</b>	<b>.91</b>	<b>78,994</b>	<b>281.4</b>	<b>2.87</b>	—	<b>35</b>	<b>65</b>
Barrett (NY).....	—	—	—	—	82	367.5	23.04	.35	18,223	284.5	2.94	—	3	97
Far Rockaway (NY).....	—	—	—	—	—	—	—	—	4,033	267.0	2.76	—	—	100
Glenwood (NY).....	—	—	—	—	—	—	—	—	7,566	300.4	3.09	—	—	100
Northport (NY).....	—	—	—	—	5,481	231.1	14.75	.91	39,487	277.4	2.81	—	47	53
Port Jefferson (NY).....	—	—	—	—	1,311	209.3	13.27	.95	9,685	283.0	2.87	—	46	54
<b>Los Angeles City of</b> .....	<b>4,898</b>	<b>144.7</b>	<b>33.98</b>	<b>.51</b>	—	—	—	—	<b>54,394</b>	<b>305.4</b>	<b>3.08</b>	<b>68</b>	—	<b>32</b>
Harbor (CA).....	—	—	—	—	—	—	—	—	4,169	302.3	3.06	—	—	100
Haynes (CA).....	—	—	—	—	—	—	—	—	30,466	307.4	3.09	—	—	100
Scattergood (CA).....	—	—	—	—	—	—	—	—	18,132	303.0	3.07	—	—	100
Valley (CA).....	—	—	—	—	—	—	—	—	1,626	302.2	3.08	—	—	100
Intermountain (UT).....	4,898	144.7	33.98	.51	—	—	—	—	—	—	—	100	—	—

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Louisiana Power &amp; Light Co.....</b>	—	—	—	—	<b>141</b>	<b>195.1</b>	<b>12.64</b>	<b>0.99</b>	<b>140,477</b>	<b>259.5</b>	<b>2.69</b>	—	<b>1</b>	<b>99</b>
Little Gypsy (LA).....	—	—	—	—	—	—	—	—	29,370	258.3	2.68	—	—	100
Nine Mile (LA).....	—	—	—	—	*	471.9	28.58	.18	76,307	261.6	2.72	—	*	100
Sterlington (LA).....	—	—	—	—	—	—	—	—	11,098	245.2	2.53	—	—	100
Monroe (LA).....	—	—	—	—	—	—	—	—	248	396.3	4.05	—	—	100
Waterford (LA).....	—	—	—	—	141	194.2	12.59	.99	23,454	259.6	2.69	—	4	96
<b>Louisville Gas &amp; Electric Co.....</b>	<b>6,790</b>	<b>95.0</b>	<b>21.44</b>	<b>3.37</b>	<b>51</b>	<b>422.9</b>	<b>24.87</b>	<b>.25</b>	<b>875</b>	<b>340.4</b>	<b>3.49</b>	<b>99</b>	*	<b>1</b>
Cane Run (KY).....	1,473	100.2	22.81	3.39	*	769.9	45.27	.25	538	336.7	3.45	98	*	2
Mill Creek (KY).....	3,649	95.4	21.51	3.38	46	421.6	24.79	.25	337	346.3	3.55	99	*	*
Trimble County (KY).....	1,667	89.5	20.08	3.34	4	432.4	25.42	.25	—	—	—	100	*	—
<b>Lower Colorado River Authority</b>	<b>7,996</b>	<b>92.7</b>	<b>15.87</b>	<b>.34</b>	—	—	—	—	<b>34,400</b>	<b>224.9</b>	<b>2.27</b>	<b>80</b>	—	<b>20</b>
Gideon (TX).....	—	—	—	—	—	—	—	—	21,709	220.2	2.22	—	—	100
T C Ferguson (TX).....	—	—	—	—	—	—	—	—	12,691	233.0	2.36	—	—	100
S Seymour-Fayette (TX).....	7,996	92.7	15.87	.34	—	—	—	—	—	—	—	100	—	—
<b>Lubbock City of.....</b>	—	—	—	—	—	—	—	—	<b>5,698</b>	<b>216.8</b>	<b>2.18</b>	—	—	<b>100</b>
Holly Ave (TX).....	—	—	—	—	—	—	—	—	5,425	217.3	2.19	—	—	100
Plant 2 (TX).....	—	—	—	—	—	—	—	—	273	206.4	2.06	—	—	100
<b>Madison Gas &amp; Electric Co.....</b>	<b>142</b>	<b>143.4</b>	<b>30.80</b>	<b>1.31</b>	<b>1</b>	<b>567.9</b>	<b>33.07</b>	<b>.05</b>	<b>2,157</b>	<b>279.5</b>	<b>2.81</b>	<b>58</b>	*	<b>42</b>
Blount (WI).....	142	143.4	30.80	1.31	1	567.9	33.07	.05	2,157	279.5	2.81	58	*	42
<b>Manitowoc Public Utilities.....</b>	<b>119</b>	<b>161.5</b>	<b>41.75</b>	<b>1.36</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Manitowoc (WI).....	119	161.5	41.75	1.36	—	—	—	—	—	—	—	100	—	—
<b>Marquette City of.....</b>	<b>156</b>	<b>122.8</b>	<b>24.11</b>	<b>.41</b>	<b>16</b>	<b>461.4</b>	<b>26.74</b>	<b>.07</b>	—	—	—	<b>97</b>	<b>3</b>	—
Shiras (MI).....	156	122.8	24.11	.41	16	461.4	26.74	.07	—	—	—	97	3	—
<b>Massachusetts Mun Wholes El Co.....</b>	—	—	—	—	—	—	—	—	<b>5,531</b>	<b>256.6</b>	<b>2.63</b>	—	—	<b>100</b>
Stonybrook (MA).....	—	—	—	—	—	—	—	—	5,531	256.6	2.63	—	—	100
<b>Medina Electric Coop Inc.....</b>	—	—	—	—	—	—	—	—	<b>557</b>	<b>264.4</b>	<b>3.02</b>	—	—	<b>100</b>
Pearsall (TX).....	—	—	—	—	—	—	—	—	557	264.4	3.02	—	—	100
<b>Metropolitan Edison Co.....</b>	<b>1,180</b>	<b>140.4</b>	<b>36.93</b>	<b>1.53</b>	<b>8</b>	<b>396.2</b>	<b>22.63</b>	<b>.30</b>	—	—	—	<b>100</b>	*	—
Portland (PA).....	698	142.5	37.32	1.64	—	—	—	—	—	—	—	100	—	—
Titus (PA).....	482	137.4	36.35	1.37	8	396.2	22.63	.30	—	—	—	100	*	—
<b>Michigan South Central Pwr Agcy</b>	<b>118</b>	<b>155.0</b>	<b>37.19</b>	<b>3.21</b>	*	<b>525.6</b>	<b>31.13</b>	<b>.30</b>	—	—	—	<b>100</b>	*	—
Project I (MI).....	118	155.0	37.19	3.21	*	525.6	31.13	.30	—	—	—	100	*	—
<b>MidAmerican Energy.....</b>	<b>12,476</b>	<b>73.9</b>	<b>12.48</b>	<b>.34</b>	<b>16</b>	<b>353.9</b>	<b>20.22</b>	<b>.04</b>	<b>553</b>	<b>356.3</b>	<b>3.60</b>	<b>100</b>	*	*
Riverside (IA).....	452	85.8	14.47	.32	—	—	—	—	273	341.5	3.45	97	—	3
Council Bluffs (IA).....	2,981	63.9	10.69	.35	11	392.5	22.42	.06	49	369.8	3.68	100	*	*
George Neal 1-4 (IA).....	6,339	72.6	12.37	.33	5	269.0	15.37	.00	160	400.7	4.05	100	*	*
Louisa (IA).....	2,704	86.1	14.40	.34	—	—	—	—	70	304.0	3.13	100	—	*
<b>Minnesota Power &amp; Light Co.....</b>	<b>3,899</b>	<b>115.1</b>	<b>20.80</b>	<b>.54</b>	<b>32</b>	<b>443.3</b>	<b>25.51</b>	<b>.20</b>	—	—	—	<b>100</b>	*	—
Laskin Energy Center (MN).....	280	122.4	22.85	.36	2	468.1	26.94	.20	—	—	—	100	*	—
Boswell Energy Center (MN).....	3,618	114.5	20.64	.56	30	441.6	25.41	.20	—	—	—	100	*	—
<b>Minnkota Power Coop Inc.....</b>	<b>4,468</b>	<b>58.2</b>	<b>7.73</b>	<b>.89</b>	<b>23</b>	<b>410.7</b>	<b>24.15</b>	<b>.40</b>	—	—	—	<b>100</b>	*	—
Young (ND).....	4,468	58.2	7.73	.89	23	410.7	24.15	.40	—	—	—	100	*	—
<b>Mississippi Power &amp; Light Co.....</b>	—	—	—	—	<b>4,955</b>	<b>153.1</b>	<b>10.17</b>	<b>2.73</b>	<b>51,244</b>	<b>244.3</b>	<b>2.51</b>	—	<b>38</b>	<b>62</b>
Wilson (MS).....	—	—	—	—	2,468	151.1	10.03	2.51	31,380	242.7	2.49	—	34	66
Delta (MS).....	—	—	—	—	1	152.8	9.98	3.00	3,796	253.6	2.60	—	*	100
Brown (MS).....	—	—	—	—	3	303.2	17.93	.42	6,662	232.7	2.37	—	*	100
Gerald Andrus (MS).....	—	—	—	—	2,483	155.0	10.30	2.95	9,407	254.1	2.62	—	63	37
<b>Mississippi Power Co.....</b>	<b>5,385</b>	<b>147.7</b>	<b>31.92</b>	<b>.71</b>	<b>28</b>	<b>344.8</b>	<b>20.13</b>	<b>.38</b>	<b>13,593</b>	<b>240.5</b>	<b>2.48</b>	<b>89</b>	*	<b>11</b>

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu			
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s	
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)				
<b>Mississippi Power Co</b>															
Eaton (MS).....	—	—	—	—	—	—	—	—	2,399	239.7	2.43	—	—	100	
Sweatt (MS).....	—	—	—	—	—	—	—	—	2,842	264.2	2.71	—	—	100	
Watson (MS).....	2,225	141.8	33.38	1.13	15	335.6	19.64	0.39	7,432	234.6	2.42	87	*	13	
Daniel (MS).....	3,160	152.5	30.89	.42	13	355.7	20.70	.37	—	—	—	100	*	—	
Bay Gas (MS).....	—	—	—	—	—	—	—	—	584	216.8	2.24	—	—	100	
Petal Gas (MS).....	—	—	—	—	—	—	—	—	336	220.8	2.30	—	—	100	
<b>Monongahela Power Co.....</b>	<b>13,345</b>	<b>104.6</b>	<b>26.23</b>	<b>3.01</b>	<b>44</b>	<b>418.6</b>	<b>24.79</b>	<b>.30</b>	<b>405</b>	<b>299.8</b>	<b>3.00</b>	<b>100</b>	*	*	
Albright (WV).....	460	104.6	26.16	1.55	6	421.5	24.96	.30	—	—	—	100	*	—	
Ft Martin (WV).....	3,046	103.5	26.52	1.71	14	483.3	28.62	.30	—	—	—	100	*	—	
Harrison (WV).....	5,751	111.0	27.71	3.46	6	358.6	21.23	.30	179	331.4	3.31	100	*	*	
Rivesville (WV).....	171	118.0	28.61	.99	2	434.2	25.71	.30	—	—	—	100	*	—	
Willow Island (WV).....	560	107.7	28.25	1.50	—	—	—	—	26	281.9	2.82	100	—	*	
Pleasants (WV).....	3,358	93.4	23.00	3.96	16	383.4	22.71	.29	199	273.7	2.74	100	*	*	
<b>Montana-Dakota Utilities Co.....</b>	<b>3,158</b>	<b>81.6</b>	<b>11.37</b>	<b>1.00</b>	—	—	—	—	<b>40</b>	<b>294.7</b>	<b>3.48</b>	<b>100</b>	—	*	
Heskett (ND).....	500	103.3	14.60	.72	—	—	—	—	*	404.0	4.21	100	—	*	
Lewis and Clark (MT).....	215	89.2	11.98	.52	—	—	—	—	40	293.7	3.48	98	—	2	
Coyote (ND).....	2,442	76.4	10.66	1.10	—	—	—	—	—	—	—	100	—	—	
<b>Montana Power Co.....</b>	<b>10,202</b>	<b>72.4</b>	<b>12.27</b>	<b>.73</b>	<b>20</b>	<b>491.0</b>	<b>28.89</b>	<b>.23</b>	<b>333</b>	<b>2</b>	<b>170.3</b>	<b>1.84</b>	<b>100</b>	*	*
Corette (MT).....	640	58.8	10.21	.21	—	—	—	—	333	2	170.3	1.84	97	—	3
Colstrip (MT).....	9,562	73.3	12.41	.77	20	491.0	28.89	.23	—	—	—	100	*	—	
<b>Montaup Electric Co.....</b>	<b>70</b>	<b>172.3</b>	<b>44.42</b>	<b>.67</b>	<b>2</b>	<b>201.8</b>	<b>11.71</b>	<b>.12</b>	—	—	—	<b>99</b>	<b>1</b>	—	
Somerset (MA).....	70	172.3	44.42	.67	2	201.8	11.71	.12	—	—	—	99	1	—	
<b>Morgan City City of.....</b>	—	—	—	—	—	—	—	—	<b>1,297</b>	<b>241.9</b>	<b>2.59</b>	—	—	<b>100</b>	
Morgan City (LA).....	—	—	—	—	—	—	—	—	1,297	241.9	2.59	—	—	100	
<b>Muscatine City of.....</b>	<b>1,146</b>	<b>77.0</b>	<b>12.69</b>	<b>.89</b>	<b>5</b>	<b>497.1</b>	<b>28.92</b>	<b>.50</b>	<b>351</b>	<b>309.4</b>	<b>3.17</b>	<b>98</b>	*	<b>2</b>	
Muscatine (IA).....	1,146	77.0	12.69	.89	5	497.1	28.92	.50	351	309.4	3.17	98	*	2	
<b>Nebraska Public Power District.....</b>	<b>6,051</b>	<b>49.2</b>	<b>8.49</b>	<b>.26</b>	<b>4</b>	<b>448.8</b>	<b>26.04</b>	<b>.07</b>	<b>279</b>	<b>268.5</b>	<b>2.68</b>	<b>100</b>	*	*	
Sheldon (NE).....	918	63.1	11.05	.21	—	—	—	—	23	545.6	5.46	100	—	*	
Gerald Gentleman (NE).....	5,133	46.7	8.03	.27	4	448.8	26.04	.07	257	244.2	2.44	100	*	*	
<b>Nevada Power Co.....</b>	<b>1,906</b>	<b>117.3</b>	<b>27.33</b>	<b>.46</b>	<b>20</b>	<b>452.6</b>	<b>26.45</b>	<b>.25</b>	<b>30,729</b>	<b>226.9</b>	<b>2.34</b>	<b>58</b>	*	<b>42</b>	
Clark (NV).....	—	—	—	—	—	—	—	—	28,954	226.7	2.34	—	—	100	
Gardner (NV).....	1,906	117.3	27.33	.46	16	448.8	26.22	.30	—	—	—	100	*	—	
Sunrise (NV).....	—	—	—	—	3	471.2	27.53	.00	1,774	230.6	2.38	—	1	99	
<b>New Orleans Public Service Inc.....</b>	—	—	—	—	<b>446</b>	<b>160.2</b>	<b>10.51</b>	<b>1.49</b>	<b>33,291</b>	<b>243.1</b>	<b>2.52</b>	—	<b>8</b>	<b>92</b>	
Paterson (LA).....	—	—	—	—	4	298.8	17.67	.44	1,561	272.6	2.84	—	2	98	
Michoud (LA).....	—	—	—	—	441	159.0	10.44	1.50	31,730	241.6	2.51	—	8	92	
<b>New York State Elec &amp; Gas Corp</b>	<b>1,152</b>	<b>134.3</b>	<b>34.84</b>	<b>2.22</b>	<b>5</b>	<b>387.5</b>	<b>22.30</b>	<b>.14</b>	—	—	—	<b>100</b>	*	—	
Goudey (NY).....	77	140.3	37.65	2.28	1	516.4	29.71	.14	—	—	—	100	*	—	
Greenidge (NY).....	119	141.4	37.43	1.48	2	384.0	22.09	.14	—	—	—	100	*	—	
Hickling (NY).....	67	126.6	26.25	.83	—	—	—	—	—	—	—	100	—	—	
Jennison (NY).....	1	146.3	32.28	.83	—	—	—	—	—	—	—	100	—	—	
Milliken (NY).....	253	135.2	35.34	2.38	1	409.5	23.56	.14	—	—	—	100	*	—	
Kintigh (NY).....	635	132.5	34.73	2.44	3	358.4	20.62	.14	—	—	—	100	*	—	
<b>Niagara Mohawk Power Corp.....</b>	<b>1,101</b>	<b>137.1</b>	<b>36.03</b>	<b>1.90</b>	<b>860</b>	<b>250.5</b>	<b>15.82</b>	<b>1.21</b>	<b>11,555</b>	<b>284.8</b>	<b>2.89</b>	<b>63</b>	<b>12</b>	<b>25</b>	
Albany (NY).....	—	—	—	—	252	156.6	9.89	1.31	9,234	281.1	2.85	—	15	85	
Huntley (NY).....	548	143.2	37.54	1.79	9	337.2	18.61	.35	—	—	—	100	*	—	
Dunkirk (NY).....	553	131.1	34.53	2.00	5	324.1	17.94	.38	—	—	—	100	*	—	
Oswego (NY).....	—	—	—	—	593	288.5	18.27	1.19	2,320	299.6	3.05	—	61	39	
<b>Northern Indiana Pub Serv Co.....</b>	<b>8,961</b>	<b>124.8</b>	<b>24.92</b>	<b>1.32</b>	—	—	—	—	<b>3,346</b>	<b>2</b>	<b>284.2</b>	<b>2.91</b>	<b>98</b>	—	<b>2</b>
Bailly (IN).....	1,372	129.7	28.47	2.52	—	—	—	—	98	347.0	3.56	100	—	*	
Mitchell (IN).....	1,044	131.2	24.31	.39	—	—	—	—	1,561	269.4	2.76	92	—	8	

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Northern Indiana Pub Serv Co</b>														
Michigan City (IN).....	1,250	134.3	25.59	0.45	—	—	—	—	1,248 <sup>2</sup>	286.5	2.94	95	—	5
Rollin Schahfer (IN).....	5,295	120.1	23.95	1.39	—	—	—	—	439	316.6	3.25	100	—	*
<b>Northern States Power Co</b>	<b>12,278</b>	<b>107.2</b>	<b>18.91</b>	<b>.40</b>	<b>3</b>	<b>270.3</b>	<b>15.69</b>	<b>0.40</b>	<b>1,730</b>	<b>291.2</b>	<b>2.96</b>	<b>99</b>	<b>*</b>	<b>1</b>
Black Dog (MN).....	827	99.6	17.77	.19	—	—	—	—	654	259.2	2.64	96	—	4
High Bridge (MN).....	719	99.5	17.63	.19	—	—	—	—	345	292.6	2.99	97	—	3
King (MN).....	1,645	106.6	18.94	.28	—	—	—	—	13	280.8	2.87	100	—	*
Riverside (MN).....	1,228	94.0	16.66	.19	—	—	—	—	95	273.1	2.78	100	—	*
Bay Front (WI).....	74	166.2	38.94	.58	—	—	—	—	622	327.3	3.30	86	—	14
Sherburne County (MN).....	7,784	110.2	19.31	.50	3	270.3	15.69	.40	—	—	—	100	*	—
<b>Ohio Edison Co</b>	<b>7,069</b>	<b>112.4</b>	<b>27.69</b>	<b>1.58</b>	<b>68</b>	<b>172.1</b>	<b>10.09</b>	<b>.34</b>	<b>1,816</b>	<b>245.5</b>	<b>2.53</b>	<b>99</b>	<b>*</b>	<b>1</b>
Edgewater (OH).....	—	—	—	—	52	133.3	7.84	.34	1,816	245.5	2.53	—	14	86
Niles (OH).....	541	106.5	25.16	2.85	5	221.8	12.92	.36	—	—	—	100	*	—
Burger (OH).....	778	92.0	22.69	3.23	4	357.5	20.78	.34	—	—	—	100	*	—
Sammis (OH).....	5,750	115.7	28.61	1.24	8	308.7	17.97	.32	—	—	—	100	*	—
<b>Ohio Power Co</b>	<b>14,504</b>	<b>164.9</b>	<b>39.13</b>	<b>2.47</b>	<b>161</b>	<b>465.9</b>	<b>27.20</b>	<b>.07</b>	—	—	—	<b>100</b>	<b>*</b>	<b>—</b>
Muskingum (OH).....	2,533	190.1	45.81	2.16	41	428.0	24.87	.05	—	—	—	100	*	—
Kammer (WV).....	1,546	91.5	22.70	3.05	7	471.8	27.69	.07	—	—	—	100	*	—
Mitchell (WV).....	3,788	139.0	34.49	.78	67	465.5	27.22	.07	—	—	—	100	*	—
Gavin (OH).....	6,638	189.5	43.06	3.42	46	499.4	29.20	.10	—	—	—	100	*	—
<b>Ohio Valley Electric Corp</b>	<b>3,080</b>	<b>110.8</b>	<b>28.47</b>	<b>2.42</b>	<b>9</b>	<b>454.8</b>	<b>25.98</b>	<b>.28</b>	—	—	—	<b>100</b>	<b>*</b>	<b>—</b>
Kyger Creek (OH).....	3,080	110.8	28.47	2.42	9	454.8	25.98	.28	—	—	—	100	*	—
<b>Oklahoma Gas &amp; Electric Co</b>	<b>11,496</b>	<b>82.2</b>	<b>14.17</b>	<b>.30</b>	<b>10</b>	<b>495.5</b>	<b>29.62</b>	<b>.05</b>	<b>62,113</b>	<b>303.5</b>	<b>3.15</b>	<b>75</b>	<b>*</b>	<b>25</b>
Horseshoe Lake (OK).....	—	—	—	—	—	—	—	—	9,399	287.2	2.98	—	—	100
Muskogee (OK).....	6,530	84.7	14.61	.29	—	—	—	—	3,238	286.4	2.97	97	—	3
Mustang (OK).....	—	—	—	—	—	—	—	—	9,445	306.7	3.19	—	—	100
Seminole (OK).....	—	—	—	—	—	—	—	—	40,031	308.0	3.19	—	—	100
Sooner (OK).....	4,966	79.0	13.60	.31	10	495.5	29.62	.05	—	—	—	100	*	—
<b>Omaha Public Power District</b>	<b>4,896</b>	<b>59.9</b>	<b>10.03</b>	<b>.33</b>	<b>11</b>	<b>425.1</b>	<b>24.55</b>	<b>.20</b>	<b>709</b>	<b>305.1</b>	<b>3.01</b>	<b>99</b>	<b>*</b>	<b>1</b>
North Omaha (NE).....	2,106	66.8	11.21	.33	—	—	—	—	709	305.1	3.01	98	—	2
Nebraska City (NE).....	2,790	54.7	9.14	.34	11	425.1	24.55	.20	—	—	—	100	*	—
<b>Orange &amp; Rockland Utils Inc</b>	<b>268</b>	<b>183.9</b>	<b>47.70</b>	<b>.59</b>	<b>639</b>	<b>206.8</b>	<b>12.97</b>	<b>.34</b>	<b>10,651</b>	<b>235.7</b>	<b>2.44</b>	<b>32</b>	<b>18</b>	<b>50</b>
Bowlone (NY).....	—	—	—	—	610	207.8	13.02	.34	9,047	234.6	2.43	—	29	71
Lovett (NY).....	268	183.9	47.70	.59	29	186.8	11.79	.36	1,605	241.8	2.51	79	2	19
<b>Orlando Utilities Comm</b>	<b>2,116</b>	<b>168.3</b>	<b>43.12</b>	<b>1.11</b>	<b>1,009</b>	<b>240.9</b>	<b>15.31</b>	<b>1.18</b>	<b>10,048</b>	<b>282.7</b>	<b>2.96</b>	<b>76</b>	<b>9</b>	<b>15</b>
Stanton Energy (FL).....	2,116	168.3	43.12	1.11	14	317.8	19.96	.81	—	—	—	100	*	—
Indian River (FL).....	—	—	—	—	995	239.8	15.24	1.18	10,048	282.7	2.96	—	38	62
<b>Orrville City of</b>	<b>186</b>	<b>101.2</b>	<b>23.50</b>	<b>3.50</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Orrville (OH).....	186	101.2	23.50	3.50	—	—	—	—	—	—	—	100	—	—
<b>Otter Tail Power Co</b>	<b>2,409</b>	<b>98.6</b>	<b>17.20</b>	<b>.57</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Hoot Lake (MN).....	350	125.7	23.31	.40	—	—	—	—	—	—	—	100	—	—
Big Stone (SD).....	2,059	93.6	16.16	.60	—	—	—	—	—	—	—	100	—	—
<b>Owensboro City of</b>	<b>1,304</b>	<b>94.0</b>	<b>20.65</b>	<b>3.37</b>	<b>3</b>	<b>406.1</b>	<b>23.88</b>	<b>.04</b>	—	—	—	<b>100</b>	<b>*</b>	<b>—</b>
Smith (KY).....	1,304	94.0	20.65	3.37	3	406.1	23.88	.04	—	—	—	100	*	—
<b>Pacific Gas &amp; Electric Co</b>	—	—	—	—	—	—	—	—	<b>36,102</b>	<b>247.6</b>	<b>2.54</b>	—	—	<b>100</b>
Contra Costa (CA).....	—	—	—	—	—	—	—	—	7,921	239.6	2.45	—	—	100
Humboldt Bay (CA).....	—	—	—	—	—	—	—	—	3,179	275.7	2.82	—	—	100
Hunters Point (CA).....	—	—	—	—	—	—	—	—	8,241	260.9	2.65	—	—	100
Pittsburg (CA).....	—	—	—	—	—	—	—	—	14,350	240.0	2.48	—	—	100
Potrero (CA).....	—	—	—	—	—	—	—	—	2,411	237.1	2.42	—	—	100
<b>PacifiCorp</b>	<b>30,773</b>	<b>93.0</b>	<b>17.78</b>	<b>.56</b>	<b>93</b>	<b>470.3</b>	<b>27.65</b>	<b>.30</b>	<b>4,601<sup>2</sup></b>	<b>258.1</b>	<b>2.69</b>	<b>99</b>	<b>*</b>	<b>1</b>

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>PacifiCorp</b>														
Carbon (UT).....	569	58.0	14.18	0.43	4	532.3	31.30	0.30	—	—	—	100	*	—
Gadsby (UT).....	—	—	—	—	—	—	—	—	4,435	253.8	2.65	—	—	100
Centralia (WA).....	5,486	156.0	25.65	.75	13	478.8	28.15	.30	—	—	—	100	*	—
Johnston (WY).....	3,717	46.6	7.41	.45	18	418.5	24.61	.30	—	—	—	100	*	—
Naughton (WY).....	2,529	115.5	23.05	.75	—	—	—	—	166	372.3	3.89	100	—	*
Wyodak (WY).....	2,080	73.6	11.81	.53	7	527.8	31.03	.30	—	—	—	100	*	—
Emery-Hunter (UT).....	4,305	72.8	16.84	.47	21	486.4	28.60	.30	—	—	—	100	*	—
Jim Bridger (WY).....	9,168	100.0	18.68	.54	19	417.4	24.54	.30	—	—	—	100	*	—
Huntington (UT).....	2,919	62.8	15.14	.39	11	546.3	32.12	.30	—	—	—	100	*	—
<b>Painesville City of.....</b>	<b>92</b>	<b>131.7</b>	<b>32.99</b>	<b>2.52</b>	—	—	—	—	<b>12</b>	<b>438.7</b>	<b>4.39</b>	<b>99</b>	—	<b>1</b>
Painesville (OH).....	92	131.7	32.99	2.52	—	—	—	—	12	438.7	4.39	99	—	1
<b>Pasadena City of.....</b>	—	—	—	—	—	—	—	—	<b>2,495</b>	<b>249.8</b>	<b>2.53</b>	—	—	<b>100</b>
Broadway (CA).....	—	—	—	—	—	—	—	—	2,495	249.8	2.53	—	—	100
<b>Pennsylvania Electric Co.....</b>	<b>12,679</b>	<b>115.8</b>	<b>28.71</b>	<b>2.01</b>	<b>76</b>	<b>357.7</b>	<b>20.82</b>	<b>.05</b>	<b>3</b>	<b>465.8</b>	<b>4.83</b>	<b>100</b>	*	*
Conemaugh (PA).....	4,681	104.8	26.54	2.29	—	—	—	—	3	465.8	4.83	100	—	*
Homer City (PA).....	1,322	116.8	26.24	2.46	7	220.6	12.83	.05	—	—	—	100	*	—
Seward (PA).....	322	110.0	27.05	1.62	9	399.8	23.28	.05	—	—	—	99	1	—
Shawville (PA).....	1,311	113.7	28.07	1.78	24	369.1	21.49	.05	—	—	—	100	*	—
Warren (PA).....	126	116.4	28.61	1.77	36	365.2	21.26	.05	—	—	—	94	6	—
Keystone (PA).....	4,917	127.0	31.74	1.71	—	—	—	—	—	—	—	100	—	—
<b>Pennsylvania Power &amp; Light Co.....</b>	<b>7,164</b>	<b>137.7</b>	<b>35.15</b>	<b>1.64</b>	<b>1,484</b>	<b>257.9</b>	<b>16.39</b>	<b>.72</b>	<b>6,250</b>	<b>303.8</b>	<b>3.14</b>	<b>92</b>	<b>5</b>	<b>3</b>
Brunner Island (PA).....	3,089	144.3	37.22	1.36	55	403.3	23.41	.17	—	—	—	100	*	—
Holtwood (PA).....	1	133.3	29.57	1.16	—	—	—	—	—	—	—	100	—	—
Martins Creek (PA).....	344	124.7	32.89	2.03	—	—	—	—	6,250	303.8	3.14	58	—	42
Montour (PA).....	3,285	136.5	35.03	1.91	104	336.2	19.64	.11	—	—	—	99	1	—
Sunbury (PA).....	445	106.8	23.43	1.20	8	390.8	22.85	.16	—	—	—	100	*	—
Storage Facility # 1.....	—	—	—	—	1,317	246.0	15.80	.79	—	—	—	—	—	100
<b>Pennsylvania Power Co.....</b>	<b>5,004</b>	<b>160.9</b>	<b>38.78</b>	<b>3.38</b>	<b>43</b>	<b>355.8</b>	<b>20.54</b>	<b>.06</b>	—	—	—	<b>100</b>	*	—
New Castle (PA).....	658	115.8	27.73	1.64	3	509.8	29.62	.12	—	—	—	100	*	—
Bruce Mansfield (PA).....	4,346	167.7	40.45	3.65	40	344.1	19.85	.06	—	—	—	100	*	—
<b>Philadelphia Electric Co.....</b>	<b>1,260</b>	<b>144.5</b>	<b>38.18</b>	<b>1.83</b>	<b>2,943</b>	<b>265.6</b>	<b>16.79</b>	<b>.45</b>	<b>2,920</b>	<b>258.9</b>	<b>2.67</b>	<b>61</b>	<b>34</b>	<b>5</b>
Cromby (PA).....	243	142.9	37.76	1.81	393	262.5	16.68	.64	356	255.8	2.64	69	27	4
Delaware (PA).....	—	—	—	—	411	251.6	15.99	.36	—	—	—	—	—	100
Eddystone (PA).....	1,017	144.9	38.28	1.84	2,004	267.0	16.85	.43	2,564	259.3	2.67	64	30	6
Schuylkill (PA).....	—	—	—	—	135	295.1	18.60	.38	—	—	—	—	—	100
<b>Plains Elec Gen&amp;Trans Coop Inc</b>	<b>926</b>	<b>131.5</b>	<b>24.35</b>	<b>.84</b>	—	—	—	—	<b>224</b>	<b>304.1</b>	<b>2.52</b>	<b>99</b>	—	<b>1</b>
Escalante (NM).....	926	131.5	24.35	.84	—	—	—	—	224	304.1	2.52	99	—	1
<b>Platte River Power Authority.....</b>	<b>1,327</b>	<b>59.9</b>	<b>10.55</b>	<b>.25</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Rawhide (CO).....	1,327	59.9	10.55	.25	—	—	—	—	—	—	—	100	—	—
<b>Portland General Electric Co.....</b>	<b>2,326</b>	<b>107.9</b>	<b>19.34</b>	<b>.39</b>	<b>42</b>	<b>414.1</b>	<b>24.35</b>	<b>.10</b>	<b>23,351</b>	<b>193.6</b>	<b>1.96</b>	<b>64</b>	*	<b>36</b>
Boardman (OR).....	2,326	107.9	19.34	.39	—	—	—	—	—	—	—	100	—	—
Coyote Springs (OR).....	—	—	—	—	—	—	—	—	9,641	173.8	1.76	—	—	100
Beaver (OR).....	—	—	—	—	42	414.1	24.35	.10	13,710	207.6	2.10	—	2	98
<b>Potomac Edison Co.....</b>	<b>122</b>	<b>130.3</b>	<b>32.11</b>	<b>.97</b>	<b>3</b>	<b>345.5</b>	<b>20.46</b>	<b>.30</b>	—	—	—	<b>99</b>	<b>1</b>	—
Smith (MD).....	122	130.3	32.11	.97	3	345.5	20.46	.30	—	—	—	99	1	—
<b>Potomac Electric Power Co.....</b>	<b>6,591</b>	<b>137.9</b>	<b>36.33</b>	<b>1.26</b>	<b>4,416</b>	<b>272.6</b>	<b>17.17</b>	<b>.89</b>	<b>6,025</b>	<b>286.7</b>	<b>2.98</b>	<b>84</b>	<b>13</b>	<b>3</b>
Benning (DC).....	—	—	—	—	412	339.5	20.43	.97	—	—	—	—	—	100
Chalk (MD).....	1,659	144.2	37.93	1.29	3,938	263.9	16.72	.89	6,025	286.7	2.98	58	33	8
Dickerson (MD).....	1,280	124.8	33.07	1.27	14	385.1	22.49	.20	—	—	—	100	*	—
Morgantown (MD).....	2,538	137.6	36.20	1.46	23	438.7	25.62	.30	—	—	—	100	*	—
Potomac River (VA).....	1,114	144.4	37.96	.76	29	380.0	22.21	.20	—	—	—	99	1	—

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Power Authority of State of NY</b> .....	—	—	—	—	<b>921</b>	<b>214.8</b>	<b>13.41</b>	<b>0.29</b>	<b>18,019</b>	<b>386.1</b>	<b>3.97</b>	—	<b>24</b>	<b>76</b>
Poletti (NY).....	—	—	—	—	921	214.8	13.41	.29	11,014	314.9	3.25	—	34	66
Richard Flynn (NY).....	—	—	—	—	—	—	—	—	7,006	498.8	5.10	—	—	100
<b>Public Service Co of Colorado</b> .....	<b>10,597</b>	<b>96.3</b>	<b>18.32</b>	<b>0.37</b>	—	—	—	—	<b>14,461</b>	<b>249.8</b>	<b>2.59</b>	<b>93</b>	—	<b>7</b>
Arapahoe (CO).....	799	82.9	14.57	.28	—	—	—	—	838	275.9	2.72	94	—	6
Cameo (CO).....	325	117.3	25.68	.59	—	—	—	—	40	297.1	3.00	99	—	1
Cherokee (CO).....	2,203	100.6	22.60	.48	—	—	—	—	1,046	284.7	2.81	98	—	2
Comanche (CO).....	2,975	93.7	16.06	.29	—	—	—	—	76	244.3	2.43	100	—	*
Valmont (CO).....	340	109.6	24.07	.44	—	—	—	—	87	297.3	2.93	99	—	1
Zuni (CO).....	—	—	—	—	—	—	—	—	349	287.7	2.84	—	—	100
Hayden (CO).....	1,363	107.7	22.87	.41	—	—	—	—	—	—	—	100	—	—
Fort St. Vrain (CO).....	—	—	—	—	—	—	—	—	11,971	243.3	2.54	—	—	100
Pawnee (CO).....	2,591	85.5	14.34	.34	—	—	—	—	53	344.9	3.61	100	—	*
<b>PSI Energy Inc</b> .....	<b>16,030</b>	<b>109.0</b>	<b>24.29</b>	<b>1.76</b>	<b>288</b>	<b>409.5</b>	<b>23.57</b>	<b>.30</b>	—	—	—	<b>100</b>	*	—
Cayuga (IN).....	3,046	114.1	24.86	1.39	13	466.2	26.83	.30	—	—	—	100	*	—
Edwardsport (IN).....	264	92.2	20.28	1.60	56	421.1	24.23	.30	—	—	—	95	5	—
Noblesville (IN).....	203	116.1	26.60	1.96	3	373.2	21.48	.30	—	—	—	100	*	—
Gallagher (IN).....	1,287	114.7	29.14	2.11	52	403.0	23.19	.30	—	—	—	99	1	—
Wabash River (IN).....	2,024	108.5	23.65	1.88	111	417.1	24.00	.30	—	—	—	99	1	—
Gibson Station (IN).....	9,207	106.9	23.62	1.81	52	375.4	21.60	.30	—	—	—	100	*	—
<b>Public Service Co of NH</b> .....	<b>1,335</b>	<b>151.5</b>	<b>39.79</b>	<b>1.35</b>	<b>2,615</b>	<b>213.6</b>	<b>13.75</b>	<b>1.54</b>	<b>196</b>	<b>261.0</b>	<b>2.67</b>	<b>67</b>	<b>32</b>	<b>*</b>
Merrimack (NH).....	815	156.9	41.49	1.76	2	404.3	23.40	.27	—	—	—	100	*	—
Schiller (NH).....	520	142.9	37.14	.70	—	—	—	—	—	—	—	100	—	—
Newington Station (NH).....	—	—	—	—	2,613	213.5	13.74	1.55	196	261.0	2.67	—	99	1
<b>Public Service Co of NM</b> .....	<b>6,623</b>	<b>173.8</b>	<b>32.33</b>	<b>.83</b>	<b>65</b>	<b>502.3</b>	<b>28.69</b>	<b>.67</b>	<b>1,830</b>	<b>332.3</b>	<b>3.39</b>	<b>98</b>	<b>*</b>	<b>1</b>
Reeves (NM).....	—	—	—	—	—	—	—	—	1,830	332.3	3.39	—	—	100
San Juan (NM).....	6,623	173.8	32.33	.83	65	502.3	28.69	.67	—	—	—	100	*	—
<b>Public Service Co of Oklahoma</b> .....	<b>3,716</b>	<b>118.0</b>	<b>20.40</b>	<b>.21</b>	—	—	—	—	<b>79,118</b>	<b>253.9</b>	<b>2.59</b>	<b>44</b>	—	<b>56</b>
Northeastern (OK).....	3,716	118.0	20.40	.21	—	—	—	—	20,624	254.5	2.59	75	—	25
Southwestern (OK).....	—	—	—	—	—	—	—	—	10,482	246.7	2.55	—	—	100
Tulsa (OK).....	—	—	—	—	—	—	—	—	5,655	262.8	2.59	—	—	100
Riverside (OK).....	—	—	—	—	—	—	—	—	27,621	251.9	2.57	—	—	100
Comanche (CS) (OK).....	—	—	—	—	—	—	—	—	14,736	258.4	2.67	—	—	100
<b>Public Service Electric&amp;Gas Co</b> .....	<b>1,911</b>	<b>141.1</b>	<b>37.39</b>	<b>.79</b>	<b>311</b>	<b>369.9</b>	<b>22.44</b>	<b>.20</b>	<b>18,539</b>	<b>297.8</b>	<b>3.07</b>	<b>71</b>	<b>3</b>	<b>27</b>
Bergen (NJ).....	—	—	—	—	—	—	—	—	7,626	295.1	3.04	—	—	100
Burlington (NJ).....	—	—	—	—	98	448.6	25.40	.01	2,020	297.3	3.07	—	21	79
Hudson (NJ).....	886	141.9	35.89	.88	—	—	—	—	4,440	297.2	3.06	83	—	17
Kearny (NJ).....	—	—	—	—	84	340.0	21.47	.29	—	—	—	—	—	100
Linden (NJ).....	—	—	—	—	129	335.5	20.85	.29	—	—	—	—	—	100
Mercer (NJ).....	1,025	140.5	38.68	.71	—	—	—	—	1,793	304.8	3.14	94	—	6
Sewaren (NJ).....	—	—	—	—	—	—	—	—	2,661	301.9	3.11	—	—	100
<b>Richmond City of</b> .....	<b>334</b>	<b>124.1</b>	<b>29.77</b>	<b>2.68</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Whitewater (IN).....	334	124.1	29.77	2.68	—	—	—	—	—	—	—	—	—	100
<b>Rochester Public Utilities</b> .....	<b>106</b>	<b>158.4</b>	<b>35.08</b>	<b>.88</b>	—	—	—	—	<b>122</b>	<b>283.9</b>	<b>2.90</b>	<b>95</b>	—	<b>5</b>
Silver Lake (MN).....	106	158.4	35.08	.88	—	—	—	—	122	283.9	2.90	95	—	5
<b>Rochester Gas &amp; Electric Corp</b> .....	<b>579</b>	<b>140.5</b>	<b>37.04</b>	<b>2.14</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Beebee Station 3 (NY).....	25	155.8	39.31	1.89	—	—	—	—	—	—	—	—	—	100
Russell Station 7 (NY).....	554	139.8	36.93	2.15	—	—	—	—	—	—	—	—	—	100
<b>Ruston City of</b> .....	—	—	—	—	—	—	—	—	<b>2,001</b>	<b>234.5</b>	<b>2.41</b>	—	—	<b>100</b>
Steam Plant (LA).....	—	—	—	—	—	—	—	—	2,001	234.5	2.41	—	—	100
<b>Sacramento Municipal Utility</b> .....	—	—	—	—	—	—	—	—	<b>28,991</b>	<b>236.0</b>	<b>2.36</b>	—	—	<b>100</b>
Central Valley (CA).....	—	—	—	—	—	—	—	—	5,495	238.3	2.38	—	—	100
SCA Cogen Proj (CA).....	—	—	—	—	—	—	—	—	10,042	235.3	2.35	—	—	100
SPA Cogen Proj (CA).....	—	—	—	—	—	—	—	—	13,454	235.6	2.36	—	—	100

See footnotes at end of table.

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



**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Salt River Proj Ag I &amp; P Dist</b> .....	<b>10,963</b>	<b>127.2</b>	<b>27.14</b>	<b>0.50</b>	<b>60</b>	<b>490.6</b>	<b>28.80</b>	<b>0.42</b>	<b>17,441</b>	<b>258.9</b>	<b>2.61</b>	<b>93</b>	*	<b>7</b>
Agua Fria (AZ).....	—	—	—	—	4	461.5	27.30	.05	11,003	259.4	2.61	—	*	100
Kyrene (AZ).....	—	—	—	—	—	—	—	—	546	320.1	3.25	—	*	100
Navajo (AZ).....	8,129	116.7	25.54	.53	35	496.6	29.13	.47	—	—	—	100	*	—
Coronado (AZ).....	2,835	160.3	31.74	.43	22	486.2	28.52	.41	—	—	—	100	*	—
Santan (AZ).....	—	—	—	—	—	—	—	—	5,893	252.2	2.56	—	—	100
<b>San Antonio City of</b> .....	<b>6,879</b>	<b>96.2</b>	<b>16.29</b>	<b>.33</b>	—	—	—	—	<b>51,940</b>	<b>250.3</b>	<b>2.53</b>	<b>70</b>	—	<b>30</b>
Leon Creek (TX).....	—	—	—	—	—	—	—	—	702	274.5	2.75	—	—	100
Mission Rd (TX).....	—	—	—	—	—	—	—	—	361	275.6	2.79	—	—	100
Sommers (TX).....	—	—	—	—	—	—	—	—	28,388	243.5	2.46	—	—	100
Braunig (TX).....	—	—	—	—	—	—	—	—	19,117	256.5	2.59	—	—	100
Tuttle (TX).....	—	—	—	—	—	—	—	—	3,329	264.9	2.67	—	—	100
JT Deely/Spruce (TX).....	6,879	96.2	16.29	.33	—	—	—	—	43	225.8	2.28	100	—	*
<b>San Diego Gas &amp; Electric Co</b> .....	—	—	—	—	—	—	—	—	<b>18,215</b>	<b>287.0</b>	<b>2.90</b>	—	—	<b>100</b>
Encina (CA).....	—	—	—	—	—	—	—	—	11,542	284.1	2.87	—	—	100
South Bay (CA).....	—	—	—	—	—	—	—	—	6,673	292.0	2.95	—	—	100
<b>San Miguel Electric Coop Inc</b> .....	<b>3,086</b>	<b>72.3</b>	<b>7.62</b>	<b>1.76</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
San Miguel (TX).....	3,086	72.3	7.62	1.76	—	—	—	—	—	—	—	100	—	—
<b>Savannah Electric &amp; Power Co</b> .....	<b>792</b>	<b>142.2</b>	<b>34.23</b>	<b>.83</b>	<b>5</b>	<b>349.7</b>	<b>20.27</b>	<b>.50</b>	<b>2,712</b>	<b>263.3</b>	<b>2.70</b>	<b>87</b>	*	<b>13</b>
Kraft (GA).....	444	139.6	35.01	.75	—	—	—	—	1,876	264.8	2.71	85	*	15
Riverside (GA).....	—	—	—	—	—	—	—	—	836	260.1	2.66	—	—	100
McIntosh (GA).....	348	145.9	33.22	.94	5	349.7	20.27	.50	—	—	—	100	*	—
<b>Seminole Electric Coop Inc</b> .....	<b>3,109</b>	<b>162.4</b>	<b>40.38</b>	<b>2.85</b>	<b>44</b>	<b>387.1</b>	<b>22.50</b>	<b>.27</b>	—	—	—	<b>100</b>	*	—
Seminole (FL).....	3,109	162.4	40.38	2.85	44	387.1	22.50	.27	—	—	—	100	*	—
<b>Sierra Pacific Power Co</b> .....	<b>1,676</b>	<b>140.5</b>	<b>32.45</b>	<b>.41</b>	—	—	—	—	<b>27,594</b>	<b>258.0</b>	<b>2.68</b>	<b>57</b>	—	<b>43</b>
Fort Churchill (NV).....	—	—	—	—	—	—	—	—	10,793	259.6	2.71	—	—	100
Tracy (NV).....	—	—	—	—	—	—	—	—	11,456	257.5	2.67	—	—	100
Pinon Pine (NV).....	—	—	—	—	—	—	—	—	5,346	255.6	2.65	—	—	100
North Valmy (NV).....	1,676	140.5	32.45	.41	—	—	—	—	—	—	—	100	—	—
<b>Sikeston City of</b> .....	<b>1,006</b>	<b>100.5</b>	<b>17.59</b>	<b>.34</b>	<b>5</b>	<b>415.2</b>	<b>24.59</b>	<b>.70</b>	—	—	—	<b>100</b>	*	—
Sikeston (MO).....	1,006	100.5	17.59	.34	5	415.2	24.59	.70	—	—	—	100	*	—
<b>South Carolina Electric &amp; Gas Co</b> .....	<b>6,078</b>	<b>149.1</b>	<b>37.97</b>	<b>1.10</b>	<b>74</b>	<b>408.9</b>	<b>23.70</b>	<b>.20</b>	<b>337</b>	<b>347.3</b>	<b>3.57</b>	<b>100</b>	*	<b>*</b>
Canadys (SC).....	439	148.6	38.06	1.31	17	377.5	21.88	.20	116	344.8	3.54	98	1	1
Mcmeekin (SC).....	686	150.4	38.88	1.23	1	339.0	19.65	.20	4	314.1	3.23	100	*	*
Urguhart (SC).....	622	155.0	40.17	1.23	1	407.4	23.61	.20	217	349.1	3.59	99	*	1
Wateree (SC).....	1,707	147.7	37.06	1.24	30	421.8	24.45	.20	—	—	—	100	*	—
Williams (SC).....	1,590	150.6	38.69	.76	15	408.6	23.69	.20	*	449.0	4.62	100	*	*
Cope (SC).....	1,034	144.9	36.38	1.13	9	437.1	25.33	.20	—	—	—	100	*	—
<b>South Carolina Pub Serv Auth</b> .....	<b>6,026</b>	<b>134.0</b>	<b>34.53</b>	<b>1.20</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Cross (SC).....	2,686	133.3	34.19	1.11	—	—	—	—	—	—	—	100	—	—
Grainger (SC).....	299	150.7	38.87	1.57	—	—	—	—	—	—	—	100	—	—
Jefferies (SC).....	698	132.7	34.62	1.52	—	—	—	—	—	—	—	100	—	—
Winyah (SC).....	2,343	133.0	34.33	1.17	—	—	—	—	—	—	—	100	—	—
<b>South Mississippi El Pwr Assn</b> .....	<b>1,038</b>	<b>189.5</b>	<b>46.93</b>	<b>.88</b>	—	—	—	—	<b>8,407</b>	<b>235.6</b>	<b>2.43</b>	<b>75</b>	—	<b>25</b>
Moselle (MS).....	—	—	—	—	—	—	—	—	8,407	235.6	2.43	—	—	100
R D Morrow (MS).....	1,038	189.5	46.93	.88	—	—	—	—	—	—	—	100	—	—
<b>Southern California Edison Co</b> .....	<b>4,493</b>	<b>130.5</b>	<b>28.65</b>	<b>.49</b>	<b>10</b>	<b>327.2</b>	<b>19.91</b>	<b>.20</b>	<b>579</b>	<b>302.7</b>	<b>3.12</b>	<b>99</b>	*	<b>1</b>
Mohave (NV).....	4,493	130.5	28.65	.49	—	—	—	—	579	302.7	3.12	99	—	1
Storage Facility # 1.....	—	—	—	—	10	327.2	19.91	.20	—	—	—	100	—	—
<b>Southern Illinois Power Coop</b> .....	<b>775</b>	<b>94.6</b>	<b>20.25</b>	<b>2.82</b>	<b>12</b>	<b>412.3</b>	<b>23.49</b>	<b>.03</b>	—	—	—	<b>100</b>	*	—
Marion (IL).....	775	94.6	20.25	2.82	12	412.3	23.49	.03	—	—	—	100	*	—

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Southern Indiana Gas &amp; Elec Co</b>	<b>2,783</b>	<b>96.4</b>	<b>22.21</b>	<b>3.73</b>	—	—	—	—	<b>469</b>	<b>325.3</b>	<b>3.35</b>	<b>99</b>	—	<b>1</b>
Culley (IN) .....	1,199	93.9	21.89	4.01	—	—	—	—	46	343.7	3.53	100	—	*
A B Brown (IN) .....	1,322	99.0	22.75	3.70	—	—	—	—	305	312.5	3.21	99	—	1
Warrick (IN) .....	262	94.9	20.96	2.66	—	—	—	—	118	351.0	3.61	98	—	2
<b>Southwestern Electric Power Co</b>	<b>12,848</b>	<b>141.4</b>	<b>22.53</b>	<b>.54</b>	<b>12</b>	<b>292.2</b>	<b>17.18</b>	<b>0.00</b>	<b>45,018</b>	<b>245.3</b>	<b>2.55</b>	<b>81</b>	<b>*</b>	<b>19</b>
Arsenal Hill (LA) .....	—	—	—	—	—	—	—	—	2,999	241.4	2.57	—	—	100
Lieberman (LA) .....	—	—	—	—	—	—	—	—	4,478	266.0	2.70	—	—	100
Knox Lee (TX) .....	—	—	—	—	—	—	—	—	13,726	239.7	2.48	—	—	100
Lone Star (TX) .....	—	—	—	—	—	—	—	—	600	279.1	3.03	—	—	100
Wilkes (TX) .....	—	—	—	—	—	—	—	—	22,805	244.5	2.55	—	—	100
Flint Creek (AR) .....	2,328	141.5	24.25	.27	7	327.0	19.23	.00	—	—	—	100	*	—
Welsh Station (TX) .....	6,893	154.1	26.18	.30	5	243.5	14.32	.00	—	—	—	100	*	—
Pirkey (TX) .....	3,627	110.2	14.51	1.17	—	—	—	—	410	230.1	2.31	99	—	1
<b>Southwestern Public Service Co</b>	<b>8,959</b>	<b>145.4</b>	<b>25.58</b>	<b>.34</b>	—	—	—	—	<b>67,441</b>	<b>234.4</b>	<b>2.36</b>	<b>70</b>	—	<b>30</b>
Maddox (NM) .....	—	—	—	—	—	—	—	—	6,732	234.2	2.37	—	—	100
Cunningham (NM) .....	—	—	—	—	—	—	—	—	16,816	225.8	2.28	—	—	100
Jones (TX) .....	—	—	—	—	—	—	—	—	22,609	234.3	2.35	—	—	100
Moore (TX) .....	—	—	—	—	—	—	—	—	596	272.5	2.81	—	—	100
Nichols (TX) .....	—	—	—	—	—	—	—	—	12,540	237.5	2.41	—	—	100
Plant X (TX) .....	—	—	—	—	—	—	—	—	7,832	243.7	2.46	—	—	100
Riverview (TX) .....	—	—	—	—	—	—	—	—	39	264.0	2.59	—	—	100
Harrington (TX) .....	4,403	118.6	21.14	.35	—	—	—	—	183	265.4	2.67	100	—	*
Tolk (TX) .....	4,557	172.0	29.87	.33	—	—	—	—	94	294.5	3.05	100	—	*
<b>Springfield City of</b> .....	<b>1,111</b>	<b>110.3</b>	<b>23.08</b>	<b>3.02</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Dallman (IL) .....	1,013	110.4	23.10	3.01	—	—	—	—	—	—	—	100	—	—
Lakeside (IL) .....	97	109.2	22.87	3.12	—	—	—	—	—	—	—	100	—	—
<b>Springfield City of</b> .....	<b>1,757</b>	<b>107.3</b>	<b>19.67</b>	<b>.26</b>	—	—	—	—	<b>2,902</b>	<b>258.0</b>	<b>2.59</b>	<b>92</b>	—	<b>8</b>
James River (MO) .....	950	112.6	21.10	.33	—	—	—	—	2,258	258.6	2.60	89	—	11
Southwest (MO) .....	807	100.8	17.97	.18	—	—	—	—	644	255.7	2.57	96	—	4
<b>St Joseph Light &amp; Power Co</b> .....	<b>457</b>	<b>94.4</b>	<b>18.13</b>	<b>.30</b>	<b>36</b>	<b>376.2</b>	<b>21.87</b>	<b>.04</b>	<b>1,672</b>	<b>272.9</b>	<b>2.72</b>	<b>82</b>	<b>2</b>	<b>16</b>
Lakeroad (MO) .....	457	94.4	18.13	.30	36	376.2	21.87	.04	1,672	272.9	2.72	82	2	16
<b>Sunflower Electric Coop Inc</b> .....	<b>1,561</b>	<b>106.1</b>	<b>17.96</b>	<b>.31</b>	—	—	—	—	<b>1,041</b>	<b>271.1</b>	<b>2.67</b>	<b>96</b>	—	<b>4</b>
Holcomb (KS) .....	1,561	106.1	17.96	.31	—	—	—	—	137	241.3	2.35	99	—	1
Garden City (KS) .....	—	—	—	—	—	—	—	—	904	275.6	2.72	—	—	100
<b>Tallahassee City of</b> .....	—	—	—	—	—	—	—	—	<b>17,464</b>	<b>308.5</b>	<b>3.23</b>	—	—	<b>100</b>
Hopkins (FL) .....	—	—	—	—	—	—	—	—	15,066	307.9	3.22	—	—	100
Purdum (FL) .....	—	—	—	—	—	—	—	—	2,398	312.1	3.26	—	—	100
<b>Tampa Electric Co<sup>6</sup></b> .....	<b>6,731</b>	<b>150.5</b>	<b>35.14</b>	<b>1.98</b>	<b>627</b>	<b>316.1</b>	<b>19.26</b>	<b>.58</b>	—	—	—	<b>98</b>	<b>2</b>	—
Big Bend (FL) .....	—	—	—	—	49	379.5	22.00	.15	—	—	—	—	—	100
Gannon (FL) .....	471	253.7	64.18	1.17	46	371.2	21.48	.12	—	—	—	98	2	—
Hookers Point (FL) .....	—	—	—	—	353	271.3	17.16	.96	—	—	—	—	—	100
Polk Station (FL) .....	—	—	—	—	179	381.1	22.09	.07	—	—	—	—	—	100
Davant Transfer (LA) .....	6,260	142.0	32.96	2.04	—	—	—	—	—	—	—	100	—	—
<b>Taunton City of</b> .....	—	—	—	—	<b>90</b>	<b>241.7</b>	<b>15.34</b>	<b>1.00</b>	<b>1,260</b>	<b>290.4</b>	<b>2.98</b>	—	<b>31</b>	<b>69</b>
Cleary (MA) .....	—	—	—	—	90	241.7	15.34	1.00	1,260	290.4	2.98	—	31	69
<b>Tennessee Valley Authority<sup>7</sup></b> .....	<b>42,022</b>	<b>111.9</b>	<b>25.78</b>	<b>1.99</b>	<b>458</b>	<b>402.1</b>	<b>23.63</b>	<b>.50</b>	—	—	—	<b>100</b>	<b>*</b>	—
Colbert (AL) .....	1,036	107.4	26.10	2.03	51	467.8	27.49	.50	—	—	—	99	1	—
Widows Creek (AL) .....	3,175	116.3	28.30	2.51	17	379.5	22.30	.50	—	—	—	100	*	—
Paradise (KY) .....	6,456	95.0	20.23	4.32	8	436.2	25.63	.50	—	—	—	100	*	—
Shawnee (KY) .....	3,788	127.3	29.08	.58	29	396.6	23.30	.50	—	—	—	100	*	—
Allen (TN) .....	—	—	—	—	34	467.8	27.49	.50	—	—	—	—	—	100
Bull Run (TN) .....	1,776	115.5	28.96	1.25	64	357.5	21.00	.50	—	—	—	99	1	—
Cumberland (TN) .....	7,165	109.0	25.61	2.82	66	410.4	24.11	.50	—	—	—	100	*	—
Gallatin (TN) .....	88	112.6	28.73	2.52	50	501.9	29.49	.50	—	—	—	88	12	—

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>Tennessee Valley Authority<sup>7</sup></b>														
Sevier (TN).....	2,090	128.6	32.71	1.56	3	390.3	22.94	0.50	—	—	—	100	*	—
Johnsonville (TN).....	1,371	104.3	25.77	1.76	110	330.6	19.42	.50	—	—	—	98	2	—
Kingston (TN).....	4,103	125.5	31.15	1.35	24	400.5	23.53	.50	—	—	—	100	*	—
GRT Terminal (TN).....	8,537	107.9	23.51	1.00	—	—	—	—	—	—	—	100	—	—
Cora Transfer (TN).....	2,407	108.5	22.96	.48	—	—	—	—	—	—	—	100	—	—
Cahokia (AL).....	30	112.4	25.58	.40	—	—	—	—	—	—	—	100	—	—
<b>Terrebonne Parish Consol Govt.....</b>														
Houma (LA).....	—	—	—	—	—	—	—	—	1,417	263.4	2.81	—	—	100
<b>Texas Municipal Power Agency.....</b>														
Gibbons Creek (TX).....	1,920	120.2	20.26	.33	—	—	—	—	57	244.4	2.49	100	—	*
<b>Texas-New Mexico Power Co.....</b>														
TNP One (Tx).....	1,640	143.3	19.41	.91	—	—	—	—	142	236.6	2.40	99	—	1
<b>Texas Utilities Electric Co<sup>8</sup>.....</b>														
Lake Hubbard (TX).....	34,554	99.2	12.81	.82	187	395.9	22.95	.10	375,690	259.1	2.64	54	*	46
Mountain Creek (TX).....	—	—	—	—	29	492.7	28.56	.19	26,848	257.6	2.66	—	1	99
North Lake (TX).....	—	—	—	—	—	—	—	—	23,028	262.1	2.67	—	—	100
Parkdale (TX).....	—	—	—	—	20	464.2	26.91	.12	17,221	260.7	2.66	—	1	99
Eagle Mountain (TX).....	—	—	—	—	—	—	—	—	5,301	262.0	2.65	—	—	100
Graham (TX).....	—	—	—	—	—	—	—	—	10,921	260.1	2.64	—	—	100
Handley (TX).....	—	—	—	—	—	—	—	—	23,435	256.7	2.59	—	—	100
Morgan Creek (TX).....	—	—	—	—	6	481.6	27.91	.20	29,583	261.3	2.66	—	*	100
North Main (TX).....	—	—	—	—	—	—	—	—	31,702	258.9	2.62	—	—	100
Permian Basin (TX).....	—	—	—	—	—	—	—	—	1,021	265.8	2.69	—	—	100
Big Brown (TX).....	4,972	111.5	14.28	.74	—	—	—	—	32,414	259.1	2.66	—	—	100
Collin (TX).....	—	—	—	—	—	—	—	—	423	237.9	2.44	99	—	1
Lake Creek (TX).....	—	—	—	—	—	—	—	—	2,144	256.1	2.59	—	—	100
River Crest (TX).....	—	—	—	—	1	439.5	25.47	.20	8,224	266.4	2.74	—	*	100
Stryker (TX).....	—	—	—	—	—	—	—	—	1,458	263.7	2.76	—	—	100
Tradinghouse (TX).....	—	—	—	—	1	439.5	25.47	.20	25,007	253.6	2.60	—	*	100
Trinidad (TX).....	—	—	—	—	—	—	—	—	59,092	258.2	2.64	—	—	100
Valley (TX).....	—	—	—	—	—	—	—	—	5,147	259.3	2.62	—	—	100
Martin Lake (TX).....	14,133	81.2	10.58	1.05	18	481.6	27.91	.20	33,593	257.6	2.61	—	*	100
Monticello (TX).....	11,628	115.1	14.42	.47	58	344.8	19.98	.04	—	—	—	100	*	—
Sandow No 4 (TX).....	3,821	103.0	14.20	1.15	54	334.0	19.36	.05	—	—	—	100	*	—
Decordova (TX).....	—	—	—	—	—	—	—	—	39,127	261.2	2.66	—	—	100
<b>Toledo Edison Co.....</b>														
Bay Shore (OH).....	1,862	116.7	20.73	.26	5	431.2	25.07	.28	—	—	—	100	*	—
<b>Tri State G &amp; T Assn Inc.....</b>														
Nucla (CO).....	5,015	106.2	21.79	.44	—	—	—	—	140	281.0	3.12	100	*	*
Craig (CO).....	359	109.7	23.66	.84	—	—	—	—	—	—	—	100	*	—
<b>Tucson Electric Power Co.....</b>														
Irvington (AZ).....	4,655	106.0	21.65	.41	—	—	—	—	140	281.0	3.12	100	*	*
Springerville (AZ).....	3,523	149.8	28.27	.82	9	505.0	29.22	.09	5,656	292.4	2.98	92	*	8
<b>Union Electric Co.....</b>														
Venice No.2 (IL).....	290	209.3	47.04	.47	—	—	—	—	5,656	292.4	2.98	53	—	47
Labadie (MO).....	3,232	143.3	26.58	.85	9	505.0	29.22	.09	—	—	—	100	*	—
Meramec (MO).....	17,789	97.5	17.36	.38	116	383.1	22.21	.29	2,132	242.4	2.48	99	*	1
Sioux (MO).....	—	—	—	—	74	384.6	22.39	.29	1,504	251.2	2.57	—	22	78
Rush Island (MO).....	8,423	93.1	16.31	.24	24	383.1	22.04	.29	—	—	—	100	*	—
Bridgeport Harbor (CT).....	1,958	123.0	23.52	.51	—	—	—	—	628	221.2	2.27	98	—	2
New Haven Hbr (CT).....	2,453	107.3	20.90	.90	5	422.7	24.32	.29	—	—	—	100	*	—
<b>United Illuminating Co.....</b>														
Stanton (ND).....	4,955	88.2	14.97	.31	13	359.9	20.71	.29	—	—	—	100	*	—
<b>United Power Assn.....</b>														
Stanton (ND).....	35	169.3	45.85	.61	2,511	178.4	11.43	.97	—	—	—	6	94	—
Bridgeport Harbor (CT).....	35	169.3	45.85	.61	1,299	178.6	11.44	.98	—	—	—	10	90	—
New Haven Hbr (CT).....	—	—	—	—	1,212	178.3	11.42	.96	—	—	—	100	—	—
<b>United Power Assn.....</b>														
Stanton (ND).....	1,062	69.7	9.35	.67	—	—	—	—	—	—	—	100	—	—
Stanton (ND).....	1,062	69.7	9.35	.67	—	—	—	—	—	—	—	100	—	—

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
<b>UtiliCorp United Inc</b> .....	<b>1,395</b>	<b>89.1</b>	<b>17.15</b>	<b>0.38</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Sibley (MO).....	1,395	89.1	17.15	.38	—	—	—	—	—	—	—	100	—	—
<b>Vero Beach City of</b> .....	—	—	—	—	<b>6</b>	<b>496.0</b>	<b>30.34</b>	<b>0.55</b>	<b>2,783</b>	<b>261.2</b>	<b>2.73</b>	—	<b>1</b>	<b>99</b>
Vero Beach (FL).....	—	—	—	—	6	496.0	30.34	.55	2,783	261.2	2.73	—	1	99
<b>Vineland City of</b> .....	<b>7</b>	<b>193.0</b>	<b>49.58</b>	<b>.78</b>	<b>81</b>	<b>320.4</b>	<b>19.81</b>	<b>.54</b>	—	—	—	<b>25</b>	<b>75</b>	—
H M Down (NJ).....	7	193.0	49.58	.78	81	320.4	19.81	.54	—	—	—	25	75	—
<b>Virginia Electric &amp; Power Co</b> .....	<b>13,613</b>	<b>127.1</b>	<b>31.98</b>	<b>1.59</b>	<b>4,020</b>	<b>230.9</b>	<b>14.61</b>	<b>1.07</b>	<b>18,807</b>	<b>299.7</b>	<b>3.17</b>	<b>88</b>	<b>7</b>	<b>5</b>
Bremo Bluff (VA).....	545	141.2	35.39	1.79	7	400.9	23.57	.20	—	—	—	100	*	—
Chesterfield (VA).....	2,744	140.3	35.66	1.70	91	277.8	16.33	.20	17,911	304.5	3.21	78	1	21
Chesapeake Energy (VA).....	1,681	138.3	35.71	1.28	62	414.3	24.36	.20	—	—	—	99	1	—
Possum Point (VA).....	910	141.9	35.55	1.68	1,024	279.1	17.65	.67	—	—	—	78	22	—
Yorktown (VA).....	847	140.3	35.86	1.93	10	364.4	21.43	.20	768	203.9	2.20	96	*	4
Mount Storm (WV).....	4,238	112.2	27.71	1.78	62	466.3	27.40	.20	—	—	—	100	*	—
Clover (VA).....	2,502	118.6	30.11	1.05	7	376.3	22.13	.20	—	—	—	100	*	—
North Branch (VA).....	146	87.5	18.00	3.61	—	—	—	—	—	—	—	98	2	—
Storage Facility # 1.....	—	—	—	—	2,758	201.8	12.86	1.30	128	202.0	2.10	—	99	1
<b>West Penn Power Co</b> .....	<b>4,603</b>	<b>110.5</b>	<b>28.30</b>	<b>2.32</b>	<b>15</b>	<b>383.5</b>	<b>22.71</b>	<b>.30</b>	<b>66</b>	<b>411.1</b>	<b>4.11</b>	<b>100</b>	*	*
Armstrong (PA).....	774	104.9	26.00	1.81	6	382.3	22.64	.30	—	—	—	100	*	—
Hatfield (PA).....	3,162	109.9	28.62	2.23	7	383.2	22.69	.30	—	—	—	100	*	—
Mitchell (PA).....	667	119.7	29.42	3.28	1	391.8	23.20	.30	66	411.1	4.11	100	*	*
<b>WestPlains Energy</b> .....	—	—	—	—	—	—	—	—	<b>9,206</b>	<b>230.2</b>	<b>2.30</b>	—	—	<b>100</b>
Cimarron River (KS).....	—	—	—	—	—	—	—	—	1,141	242.4	2.37	—	—	100
Large (KS).....	—	—	—	—	—	—	—	—	5,698	230.9	2.30	—	—	100
Mullergren (KS).....	—	—	—	—	—	—	—	—	2,367	222.8	2.26	—	—	100
<b>West Texas Utilities Co</b> .....	<b>2,888</b>	<b>130.1</b>	<b>21.90</b>	<b>.42</b>	—	—	—	—	<b>35,850</b>	<b>243.5</b>	<b>2.47</b>	<b>57</b>	—	<b>43</b>
Oklahoma (TX).....	2,888	130.1	21.90	.42	—	—	—	—	—	—	—	100	—	—
Oak Creek (TX).....	—	—	—	—	—	—	—	—	3,630	246.1	2.57	—	—	100
Paint Creek (TX).....	—	—	—	—	—	—	—	—	4,920	260.4	2.72	—	—	100
Rio Pecos (TX).....	—	—	—	—	—	—	—	—	6,558	227.6	2.28	—	—	100
San Angelo (TX).....	—	—	—	—	—	—	—	—	7,708	234.3	2.30	—	—	100
Fort Phantom (TX).....	—	—	—	—	—	—	—	—	13,035	249.4	2.55	—	—	100
<b>Western Farmers Elec Coop Inc</b> .....	<b>1,838</b>	<b>104.8</b>	<b>18.26</b>	<b>.28</b>	—	—	—	—	<b>19,163</b>	<b>240.6</b>	<b>2.46</b>	<b>62</b>	—	<b>38</b>
Anadarko (OK).....	—	—	—	—	—	—	—	—	12,962	230.5	2.35	—	—	100
Mooreland (OK).....	—	—	—	—	—	—	—	—	6,200	261.4	2.68	—	—	100
Hugo (OK).....	1,838	104.8	18.26	.28	—	—	—	—	—	—	—	100	—	—
<b>Western Massachusetts Elec Co</b> .....	—	—	—	—	<b>95</b>	<b>241.3</b>	<b>15.31</b>	<b>.85</b>	<b>1,002</b>	<b>262.8</b>	<b>2.70</b>	—	<b>37</b>	<b>63</b>
West Springfield (MA).....	—	—	—	—	95	241.3	15.31	.85	1,002	262.8	2.70	—	37	63
<b>Wisconsin Electric Power Co</b> .....	<b>11,518</b>	<b>99.1</b>	<b>18.66</b>	<b>.43</b>	<b>17</b>	<b>384.8</b>	<b>22.52</b>	<b>.27</b>	<b>932</b>	<b>293.4</b>	<b>2.99</b>	<b>100</b>	*	*
Presque Isle (MI).....	1,794	121.0	25.02	.39	17	384.8	22.52	.27	—	—	—	100	*	—
Oak Creek (WI).....	3,146	110.6	21.66	.50	—	—	—	—	620	290.3	2.96	99	—	1
Port Washington (WI).....	409	139.9	36.82	1.36	—	—	—	—	27	345.9	3.50	100	—	*
Valley (WI).....	466	151.9	35.85	.53	—	—	—	—	59	327.4	3.32	100	—	*
Pleasant Prairie (WI).....	5,703	72.7	12.29	.33	—	—	—	—	227	287.0	2.91	100	—	*
<b>Wisconsin Power &amp; Light Co</b> .....	<b>7,452</b>	<b>103.0</b>	<b>17.87</b>	<b>.35</b>	<b>30</b>	<b>411.8</b>	<b>24.21</b>	<b>.07</b>	<b>244</b>	<b>275.3</b>	<b>2.77</b>	<b>100</b>	*	*
Blackhawk (WI).....	—	—	—	—	—	—	—	—	244	275.3	2.77	—	—	100
Edgewater (WI).....	2,797	114.6	20.13	.35	10	413.4	24.31	.09	—	—	—	100	*	—
Nelson Dewey (WI).....	513	122.1	22.80	.34	1	390.6	22.96	.02	—	—	—	100	*	—
Rock River (WI).....	73	127.3	23.77	.37	6	437.9	25.75	.06	—	—	—	97	3	—
Columbia (WI).....	4,069	91.6	15.59	.35	12	398.3	23.42	.06	—	—	—	100	*	—
<b>Wisconsin Public Service Corp</b> .....	<b>3,512</b>	<b>104.1</b>	<b>18.36</b>	<b>.25</b>	—	—	—	—	<b>318</b>	<b>296.1</b>	<b>3.00</b>	<b>99</b>	—	<b>1</b>
Pulliam (WI).....	1,505	100.5	17.88	.20	—	—	—	—	238	292.8	2.97	99	—	1
Weston (WI).....	2,007	106.7	18.71	.29	—	—	—	—	80	306.0	3.10	100	—	*

See footnotes at end of table.

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

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1999 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o r a	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Wyandotte Municipal Serv Comm	129	144.9	36.81	1.00	—	—	—	—	565	273.7	2.74	84	1	15
Wyandotte (MI).....	129	144.9	36.81	1.00	—	—	—	—	565	273.7	2.74	84	1	15
<b>Total.....</b>	<b>908,232</b>	<b>121.6</b>	<b>24.72</b>	<b>1.01</b>	<b>131,407</b> <sup>2</sup>	<b>252.7</b>	<b>16.03</b>	<b>1.09</b>	<b>2,809,455</b> <sup>2</sup>	<b>257.4</b>	<b>2.62</b>	<b>83</b>	<b>4</b>	<b>13</b>

<sup>1</sup> Does not include petroleum coke receipts of 2,906,000 short tons at an average cost of 65.4 cents per million Btu.  
<sup>2</sup> 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.  
<sup>3</sup> Some coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping Facility.  
<sup>4</sup> Most coal destined for the Crawford and Fisk plants is reported as delivered to the Will County plant. It is later transferred to Crawford and Fisk.  
<sup>5</sup> The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from the transfer facility to the Crystal River power plant. These additional costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.  
<sup>6</sup> The cost reported under Davant Transfer (Louisiana) is the weighted average cost of coal delivered to this facility located in Louisiana. The Tampa Electric Company incurs additional costs for transporting this coal from Davant to its power plants which are located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.  
<sup>7</sup> Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from the these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Nearly all of the coal delivered to the Cora facility was transferred to plants in Tennessee. About 1 percent was transferred to plants in Alabama. All coal delivered to the Cora facility is shown in this report as being delivered to Tennessee. Approximately 64 percent of the coal delivered to the GRT facility was transferred to plants in Tennessee. Approximately 36 percent was transferred to plants in Alabama. All coal delivered to GRT is shown in this report as being delivered to Tennessee.  
<sup>8</sup> Data for Texas Utilities Electric Company include lignite delivered for the Aluminium Company of America (ALCOA) portion of Unit 4 of the Sandow Plant.  
\* = Number less than 0.5.  
Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet. • MM Btu = million Btu. • bbls = barrels. • Cost = average delivered cost.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."