

Cost and Quality of Fuels for Electric Plants 2004 and 2005

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Preface

Background

The *Cost and Quality of Fuels for Electric Plants 2004 and 2005* is prepared by the Electric Power Division; Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF); Energy Information Administration (EIA); U.S. Department of Energy. This publication provides information concerning the quality, quantity, and cost of fossil fuels used by electric power generating plants in the United States. These plants are comprised of regulated utility power plants and independent power producers, including combined heat and power producers in the commercial and industrial sectors. This publication continues the coverage of fuel cost and quality data presented in the publication *Cost and Quality of Fuels for Electric Plants 2003 and 2004*. Prior to 2002, the data for the unregulated plants were not collected by either the Federal Energy Regulatory Commission (FERC) or EIA.

Coverage of Sources

The information contained in this publication is compiled from both the FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and the EIA Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Both surveys collect data monthly from steam-electric and combined-cycle fossil-fueled plants with a total generator nameplate capacity of 50 or more megawatts. Data for gas turbines and internal combustion units are not collected on the FERC Form 423 survey, nor is their generating capacity used to determine the 50-megawatt threshold. However, on the Form EIA-423, data are collected for gas turbines and internal combustion units and the capacity of those generators is used to determine the 50-megawatt threshold. The geographic coverage of the survey includes the contiguous United States, Alaska, Hawaii, and the District of Columbia.

Understanding the effect of the restructuring of the electricity industry is important when reviewing data presented in this publication. Since January 1998, many electric utilities have sold their plants or created subsidiaries whose assets are not regulated by state public utility commissions. Once a plant becomes the property of such an entity, it is no longer required to file on the FERC Form 423. The EIA has attempted to capture the data from these unregulated entities on the Form EIA-423, which originated in 2002.

One of the most important effects of restructuring on data presented in this publication is the cost data. Restructuring

has allowed many plants to stop reporting data on the FERC Form 423. In doing so, data at the State, Census Division, and National levels have been affected by the elimination of respondents from the survey. Depending on the volume and price of fuel delivered to a specific plant, its removal from the database can substantially change the weighted average cost of fuel shown for a particular State. Data on the cost of fuel collected on this survey have historically been used by many industry participants as part of an index to adjust the price of fuel delivered under contracts. The use of these data should be reviewed to determine the effect that reclassification and subsequent removal of plants from the database have on the index. Please note that the cost data on the Form EIA-423 survey are considered confidential. This may result in the appearance of a 'W' (for withheld) in a State where suppression rules apply. (See suppression rules methodology: "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" [45 Federal Register 59812, 1980].)

Display of Average Fuel Cost Information

For most of the tables presented in the *Cost and Quality of Fuels for Electric Plants 2004 and 2005*, costs expressed as a "Total" are reflective of the average delivered costs of fuel as submitted via both the Form EIA-423 and the FERC Form 423. As such, State- and National-level aggregations are published if sufficient data are available to avoid disclosure of individual company plant-level costs. Due to the detailed nature of some of the information presented in the *Cost and Quality of Fuels for Electric Plants 2004 and 2005* tables (i.e., where fuel rank, mine type or purchase type are presented), the confidentiality of the cost information dictates that a significant amount of information be withheld. Therefore, in order to provide as much meaningful cost information as possible, the average costs presented for these levels of detail are reflective only of the costs submitted via the FERC Form 423. Notes have been provided for each table to assist with the interpretation of the information presented.

Estimation Procedures

Beginning with the data collected in 2003, the EIA implemented an estimation procedure to account for monthly FERC Form 423 fuel receipts data that were determined to either be out of range or missing due to non-response.

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Summary Tables

Table ES1.A. Receipts of Fossil Fuels by Type of Fuel, 2005

Type of Fuel	Total All Sectors	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Total Coal (thousand tons)¹	1,021,437	775,890	229,071	464	16,011
Bituminous ²	451,680	364,387	78,253	464	8,575
Subbituminous.....	456,856	364,633	89,196	--	3,027
Lignite.....	77,677	35,855	39,554	--	2,268
Total Petroleum (thousand barrels).....	194,733	107,461	78,139	289	8,844
Petroleum Liquids.....	157,221	89,303	61,753	289	5,876
Residual ³	137,942	80,699	52,664	--	4,579
Distillate ⁴	16,579	8,605	6,911	289	773
Other Fuel Oil ⁵	2,700	--	2,177	--	523
Petroleum Coke ⁶	37,512	18,158	16,387	--	2,968
Total Natural Gas (million cubic feet)⁷	6,191,389	1,790,393	3,578,722	17,142	805,132

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

² Includes anthracite.

³ Residual fuel oil (includes No. 5 and No. 6 fuel oils and bunker C fuel oil for data from both the Form EIA-423 and the FERC Form 423 as well as jet fuel and kerosene data from the FERC Form 423).

⁴ Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils)

⁵ Other Fuel Oil includes jet fuel, kerosene and waste oil data from the Form EIA-423.

⁶ Petroleum coke (converted to liquid petroleum equivalent). As stated in the EIA Glossary (<http://www.eia.doe.gov/cneaf/electricity/page/glossary.html>), in order to convert petroleum coke to liquid petroleum equivalent the quantity conversion is 5 barrels (of 42 U.S. gallons per barrel) per short ton (2,000 pounds). Coke from petroleum has a heating value of 6.024 million Btu per barrel.

⁷ Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas.

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

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table ES1.B. Receipts of Fossil Fuels by Type of Fuel, 2004

Type of Fuel	Total All Sectors	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Total Coal (thousand tons)¹	1,002,032	758,557	227,700	451	15,324
Bituminous ²	441,186	359,560	72,542	451	8,633
Subbituminous.....	445,603	352,397	90,156	--	3,050
Lignite.....	78,268	35,986	39,950	--	2,333
Total Petroleum (thousand barrels).....	186,655	112,120	67,200	527	6,808
Petroleum Liquids.....	151,821	93,034	54,152	527	4,107
Residual ³	138,143	86,192	48,693	--	3,257
Distillate ⁴	12,097	6,842	4,285	527	443
Other Fuel Oil ⁵	1,581	--	1,174	--	407
Petroleum Coke ⁶	34,834	19,086	13,047	--	2,701
Total Natural Gas (million cubic feet)⁷	5,734,054	1,499,933	3,403,474	15,804	814,843

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

² Includes anthracite.

³ Residual fuel oil (includes No. 5 and No. 6 fuel oils and bunker C fuel oil for data from both the Form EIA-423 and the FERC Form 423 as well as jet fuel and kerosene data from the FERC Form 423).

⁴ Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils)

⁵ Other Fuel Oil includes jet fuel, kerosene and waste oil data from the Form EIA-423.

⁶ Petroleum coke (converted to liquid petroleum equivalent). As stated in the EIA Glossary (<http://www.eia.doe.gov/cneaf/electricity/page/glossary.html>), in order to convert petroleum coke to liquid petroleum equivalent the quantity conversion is 5 barrels (of 42 U.S. gallons per barrel) per short ton (2,000 pounds). Coke from petroleum has a heating value of 6.024 million Btu per barrel.

⁷ Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas.

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

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table ES2.A. Average Delivered Cost of Fuels by Type of Fuel, 2005

Type of Fuel	Total All Sectors	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Total Coal (dollars per ton)¹	31.20	31.22	30.39	61.21	41.17
Bituminous ²	44.23	43.46	46.71	61.21	53.63
Subbituminous.....	20.88	20.47	22.31	--	27.84
Lignite.....	13.94	12.80	14.88	--	15.66
Total Petroleum (dollars per barrel)	39.65	39.01	41.64	48.22	29.59
Petroleum Liquids.....	47.61	45.46	51.34	48.22	41.13
Residual ³	44.83	43.11	47.88	--	40.03
Distillate ⁴	68.41	67.49	71.81	48.22	55.83
Other Fuel Oil ⁵	62.09	--	70.04	--	29.00
Petroleum Coke ⁶	6.27	7.26	5.08	--	6.75
Total Natural Gas (dollar per Mcf)⁷	8.45	8.59	8.42	8.60	8.24
Total Coal (cents per MMBtu)¹	154	153	156	257	194
Bituminous ²	184	182	190	257	220
Subbituminous.....	119	117	129	--	155
Lignite.....	107	99	115	--	119
Total Petroleum (cents per MMBtu)	644	627	686	828	494
Petroleum Liquids.....	759	717	830	828	664
Residual ³	706	674	764	--	628
Distillate ⁴	1,172	1,156	1,234	828	934
Other Fuel Oil ⁵	1,202	--	1,342	--	587
Petroleum Coke ⁶	111	129	90	--	121
Total Natural Gas (cents per MMBtu)⁷	821	834	820	838	800

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

² Includes anthracite.

³ Residual fuel oil (includes No. 5 and No. 6 fuel oils and bunker C fuel oil for data from both the Form EIA-423 and the FERC Form 423 as well as jet fuel and kerosene data from the FERC Form 423).

⁴ Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils)

⁵ Other Fuel Oil includes jet fuel, kerosene and waste oil data from the Form EIA-423.

⁶ Petroleum coke (converted to liquid petroleum equivalent). As stated in the EIA Glossary (<http://www.eia.doe.gov/cneaf/electricity/page/glossary.html>), in order to convert petroleum coke to liquid petroleum equivalent the quantity conversion is 5 barrels (of 42 U.S. gallons per barrel) per short ton (2,000 pounds). Coke from petroleum has a heating value of 6.024 million Btu per barrel.

⁷ Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas.

Notes: • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Energy Information Administration/Cost and Quality of Fuels for Electric Utility Plants 2003 and 2004

Table ES2.B. Average Delivered Cost of Fuels by Type of Fuel, 2004

Type of Fuel	Total All Sectors	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Total Coal (dollars per ton)¹	27.42	27.30	27.27	49.32	34.79
Bituminous ²	37.32	36.60	39.98	49.32	44.19
Subbituminous.....	19.73	19.13	21.92	--	25.27
Lignite.....	13.76	12.09	15.28	--	13.48
Total Petroleum (dollars per barrel)	26.56	26.23	27.63	35.96	20.80
Petroleum Liquids.....	31.58	30.57	33.31	35.96	30.93
Residual ³	30.14	29.30	31.65	--	29.73
Distillate ⁴	46.67	46.58	48.23	35.96	45.74
Other Fuel Oil ⁵	41.82	--	47.84	--	24.43
Petroleum Coke ⁶	4.70	5.03	4.06	--	5.40
Total Natural Gas (dollar per Mcf)⁷	6.12	6.33	6.01	6.07	6.22
Total Coal (cents per MMBtu)¹	136	134	141	208	163
Bituminous ²	156	154	162	208	180
Subbituminous.....	112	109	126	--	140
Lignite.....	106	93	119	--	99
Total Petroleum (cents per MMBtu)	429	420	452	619	351
Petroleum Liquids.....	500	480	535	619	498
Residual ³	473	457	503	--	469
Distillate ⁴	802	800	831	619	780
Other Fuel Oil ⁵	800	--	933	--	444
Petroleum Coke ⁶	83	89	72	--	98
Total Natural Gas (cents per MMBtu)⁷	596	615	586	593	604

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

² Includes anthracite.

³ Residual fuel oil (includes No. 5 and No. 6 fuel oils and bunker C fuel oil for data from both the Form EIA-423 and the FERC Form 423 as well as jet fuel and kerosene data from the FERC Form 423).

⁴ Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils)

⁵ Other Fuel Oil includes jet fuel, kerosene and waste oil data from the Form EIA-423.

⁶ Petroleum coke (converted to liquid petroleum equivalent). As stated in the EIA Glossary (<http://www.eia.doe.gov/cneaf/electricity/page/glossary.html>), in order to convert petroleum coke to liquid petroleum equivalent the quantity conversion is 5 barrels (of 42 U.S. gallons per barrel) per short ton (2,000 pounds). Coke from petroleum has a heating value of 6.024 million Btu per barrel.

⁷ Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas.

Notes: • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table ES3. Average Quality of Coal by State of Origin: Total (All Sectors), 2005 - 2004

State of Origin	Heat Value (Btu per pound)		Sulfur (percent by weight)		Sulfur (pounds per Million Btu)		Ash (percent by weight)	
	2005	2004	2005	2004	2005	2004	2005	2004
Alabama.....	12,611	12,119	1.57	1.21	1.25	1.00	13.45	12.33
Arizona.....	10,911	10,927	.52	.51	.48	.47	9.73	9.64
Arkansas.....	9,663	9,418	1.55	1.38	1.60	1.47	27.93	26.43
Colorado.....	11,131	11,131	.50	.52	.45	.47	9.21	9.25
Illinois.....	11,383	11,359	2.28	2.10	2.00	1.85	8.42	8.27
Indiana.....	11,155	11,171	2.30	2.18	2.07	1.95	8.82	8.63
Kansas.....	11,845	11,596	3.50	3.29	2.96	2.83	12.67	12.63
Kentucky.....	12,142	12,152	1.56	1.49	1.29	1.23	10.74	10.77
Louisiana.....	6,892	--	1.12	--	1.62	--	13.07	--
Maryland.....	12,139	12,379	1.85	1.67	1.53	1.35	13.61	12.28
Mississippi.....	5,096	5,106	.46	.48	.91	.94	15.58	15.38
Missouri.....	10,836	10,932	3.51	3.74	3.24	3.42	15.22	14.43
Montana.....	8,954	8,941	.51	.52	.57	.58	6.99	7.01
New Mexico.....	9,361	9,397	.74	.69	.79	.74	18.88	18.89
North Dakota.....	6,552	6,553	.71	.70	1.09	1.08	9.57	9.51
Ohio.....	12,265	12,262	3.49	3.41	2.85	2.78	9.57	9.29
Oklahoma.....	10,856	11,719	2.67	2.45	2.46	2.09	23.05	16.86
Pennsylvania.....	11,870	11,761	1.87	1.98	1.58	1.68	14.20	14.73
Tennessee.....	12,754	12,629	1.34	1.13	1.05	.90	8.91	9.23
Texas.....	6,531	6,494	1.21	1.29	1.85	1.99	16.27	16.64
Utah.....	11,317	11,248	.60	.62	.53	.55	12.64	13.01
Virginia.....	12,594	12,626	.98	.95	.77	.75	11.17	10.95
Washington.....	7,851	7,957	.84	1.03	1.07	1.29	15.34	15.09
West Virginia.....	12,279	12,291	1.29	1.33	1.05	1.08	11.73	11.65
Wyoming.....	8,679	8,710	.31	.32	.36	.37	5.17	5.17
Subtotal.....	10,030	9,970	.97	.96	.97	.96	9.10	9.07
Imported.....	11,659	11,729	.56	.55	.48	.47	6.07	5.88
Unclassified.....	11,085	10,648	1.47	1.10	1.33	1.03	9.17	8.75
Total.....	10,107	10,074	.98	.97	.97	.96	9.02	8.97

Notes: • Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal • Totals may not equal sum of components because of independent rounding.
Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" 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: Total (All Sectors), 2005 - 2004

Rank	Receipts (thousand 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 ton)
2005							
Total Coal¹	1,021,437	10,107	.98	.97	9.02	154	31.20
Bituminous ²	451,680	11,992	1.55	1.29	10.45	184	44.23
Subbituminous.....	456,856	8,760	.36	.41	6.17	119	20.88
Lignite.....	77,677	6,491	1.02	1.57	13.98	107	13.94
2004							
Total Coal¹	1,002,032	10,074	.97	.96	8.97	136	27.42
Bituminous ²	441,186	11,942	1.50	1.26	10.34	156	37.32
Subbituminous.....	445,603	8,772	.36	.41	6.02	112	19.73
Lignite.....	78,268	6,466	1.05	1.62	14.15	106	13.76

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

² Includes anthracite.

Notes: • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" 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 for Electric Generation by Census Division and State: Total (All Sectors), 2005 and 2004 (Thousand Tons)

Census Division and State	2005	2004
New England.....	8,961	8,277
Connecticut.....	1,925	1,922
Maine.....	257	271
Massachusetts.....	5,032	4,391
New Hampshire.....	1,747	1,693
Rhode Island.....	--	--
Vermont.....	--	--
Middle Atlantic.....	59,232	54,903
New Jersey.....	4,620	2,273
New York.....	9,566	9,622
Pennsylvania.....	45,046	43,008
East North Central.....	219,774	216,465
Illinois.....	56,674	59,694
Indiana.....	58,451	54,098
Michigan.....	36,304	34,948
Ohio.....	44,660	43,817
Wisconsin.....	23,686	23,909
West North Central.....	143,083	145,252
Iowa.....	19,125	19,805
Kansas.....	20,472	20,980
Minnesota.....	20,089	19,870
Missouri.....	43,656	44,900
Nebraska.....	12,614	12,516
North Dakota.....	25,388	25,033
South Dakota.....	1,738	2,148
South Atlantic.....	187,503	180,464
Delaware.....	2,274	2,148
District of Columbia.....	--	--
Florida.....	33,132	32,284
Georgia.....	38,557	37,453
Maryland.....	11,744	12,818
North Carolina.....	32,514	30,108
South Carolina.....	16,291	14,914
Virginia.....	15,061	15,050
West Virginia.....	37,931	35,689
East South Central.....	125,305	117,802
Alabama.....	36,143	33,805
Kentucky.....	41,495	37,876
Mississippi.....	10,145	9,624
Tennessee.....	37,521	36,497
West South Central.....	148,117	150,612
Arkansas.....	13,683	14,606
Louisiana.....	15,081	15,513
Oklahoma.....	21,517	20,386
Texas.....	97,836	100,106
Mountain.....	118,354	117,465
Arizona.....	20,744	20,315
Colorado.....	18,318	18,834
Idaho.....	--	--
Montana.....	11,419	11,115
Nevada.....	8,473	8,489
New Mexico.....	16,997	16,632
Utah.....	17,402	16,539
Wyoming.....	25,000	25,542
Pacific Contiguous.....	10,402	10,146
California.....	1,630	1,338
Oregon.....	2,273	2,251
Washington.....	6,499	6,557
Pacific Noncontiguous.....	706	647
Alaska.....	--	--
Hawaii.....	706	647
U.S. Total.....	1,021,437	1,002,032

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal. • Totals may not equal sum of components because of independent rounding.
Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" 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: Total (All Sectors), 2005 and 2004

Census Division and State	2005		2004		Percent Change 2004-2005 (cents per million Btu)	Percent Change 2004-2005 (dollars per ton)
	(cents per million Btu)	(dollars per ton)	(cents per million Btu)	(dollars per ton)		
New England.....	273	63.79	209	49.27	30.75	29.47
Connecticut.....	W	W	W	W	W	W
Maine.....	W	W	W	W	W	W
Massachusetts.....	W	W	197	46.43	W	W
New Hampshire.....	244	63.78	202	53.17	20.89	19.95
Rhode Island.....	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--
Middle Atlantic.....	173	40.88	147	34.55	17.41	18.30
New Jersey.....	218	55.14	205	52.66	6.53	4.71
New York.....	213	50.50	176	42.36	21.51	19.22
Pennsylvania.....	159	37.37	137	31.85	15.98	17.33
East North Central.....	141	28.91	125	25.56	12.53	13.14
Illinois.....	119	21.46	115	20.96	3.61	2.39
Indiana.....	W	W	W	W	W	W
Michigan.....	158	31.69	139	27.68	13.92	14.49
Ohio.....	154	37.33	133	32.23	15.86	15.82
Wisconsin.....	W	W	W	W	W	W
West North Central.....	99	16.64	93	15.51	7.18	7.24
Iowa.....	W	W	W	W	W	W
Kansas.....	112	19.22	103	17.74	9.07	8.34
Minnesota.....	W	W	W	W	W	W
Missouri.....	W	W	W	W	W	W
Nebraska.....	71	12.16	66	11.30	7.66	7.61
North Dakota.....	82	10.99	77	10.20	6.35	7.75
South Dakota.....	142	24.82	139	23.61	2.84	5.12
South Atlantic.....	211	50.87	179	43.21	17.97	17.72
Delaware.....	W	W	W	W	W	W
District of Columbia.....	--	--	--	--	--	--
Florida.....	231	56.56	192	46.92	20.75	20.55
Georgia.....	218	48.15	180	39.73	20.82	21.19
Maryland.....	192	48.42	174	43.96	10.25	10.15
North Carolina.....	240	58.96	200	49.38	19.75	19.40
South Carolina.....	W	W	W	W	W	W
Virginia.....	233	58.93	195	49.60	19.36	18.81
West Virginia.....	W	W	135	32.59	W	W
East South Central.....	165	36.44	143	31.76	15.79	14.74
Alabama.....	W	W	W	W	W	W
Kentucky.....	W	W	137	31.57	W	W
Mississippi.....	W	W	W	W	W	W
Tennessee.....	W	W	W	W	W	W
West South Central.....	129	20.47	W	W	W	W
Arkansas.....	146	25.56	123	21.49	19.18	18.94
Louisiana.....	W	W	W	W	W	W
Oklahoma.....	W	W	W	W	W	W
Texas.....	129	19.63	131	20.01	-1.51	-1.90
Mountain.....	118	22.93	111	21.45	6.98	6.91
Arizona.....	W	W	W	W	W	W
Colorado.....	106	20.89	97	19.09	8.83	9.43
Idaho.....	--	--	--	--	--	--
Montana.....	W	W	W	W	W	W
Nevada.....	154	34.44	136	30.28	13.23	13.74
New Mexico.....	151	27.68	148	27.25	2.17	1.58
Utah.....	W	W	W	W	W	W
Wyoming.....	95	16.71	87	15.28	9.51	9.36
Pacific Contiguous.....	W	W	W	W	W	W
California.....	W	W	188	45.90	W	W
Oregon.....	128	21.33	118	19.91	7.71	7.13
Washington.....	W	W	W	W	W	W
Pacific Noncontiguous.....	W	W	W	W	W	W
Alaska.....	--	--	--	--	--	--
Hawaii.....	W	W	W	W	W	W
U.S. Total.....	154	31.20	136	27.42	13.41	13.79

W = Withheld to avoid disclosure of individual company data.

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3.A. Receipts and Average Delivered Cost of Coal by Type of Purchase, Mine Type, Census Division and State: Total (All Sectors), 2005

Census Division and State	Type of Purchase								
	Contract			Spot			Unclassified/Other		
	Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost	
		(cents per million Btu)	(dollars per ton)		(cents per million Btu)	(dollars per ton)		(cents per million Btu)	(dollars per ton)
New England.....	4,264	232	61.60	4,621	262	66.52	77	299	69.73
Connecticut.....	1,925	--	--	--	--	--	--	--	--
Maine.....	257	--	--	--	--	--	--	--	--
Massachusetts.....	1,529	--	--	3,426	310	72.13	77	299	69.73
New Hampshire.....	553	232	61.60	1,195	249	64.79	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	53,892	183	47.54	5,327	251	64.06	13	228	58.36
New Jersey.....	4,002	282	73.95	611	253	65.21	7	223	56.45
New York.....	9,038	204	53.41	521	251	62.46	6	232	60.30
Pennsylvania.....	40,852	151	38.83	4,194	158	34.48	--	--	--
East North Central.....	176,002	134	28.09	31,388	183	40.99	12,385	137	28.58
Illinois.....	51,453	118	22.34	346	128	27.40	4,874	114	20.03
Indiana.....	43,096	128	26.98	10,164	180	41.29	5,191	146	33.70
Michigan.....	27,460	143	28.26	8,135	195	39.96	709	160	32.30
Ohio.....	32,646	145	35.07	10,463	180	43.01	1,551	150	36.97
Wisconsin.....	21,346	119	21.33	2,279	184	35.60	60	110	19.01
West North Central.....	137,489	98	16.30	4,579	113	20.92	1,015	103	18.66
Iowa.....	18,535	94	16.15	293	162	35.54	297	118	22.14
Kansas.....	20,322	112	19.20	96	133	24.13	54	113	19.17
Minnesota.....	20,062	111	19.70	--	--	--	28	176	42.16
Missouri.....	42,001	98	17.32	1,412	163	33.29	242	118	21.72
Nebraska.....	9,579	70	12.00	2,642	74	12.70	394	73	12.44
North Dakota.....	25,252	82	10.92	136	137	23.71	--	--	--
South Dakota.....	1,738	142	24.82	--	--	--	--	--	--
South Atlantic.....	151,153	206	49.07	31,759	247	59.54	4,591	225	55.34
Delaware.....	1,312	--	--	962	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	21,498	218	53.66	7,807	251	60.40	3,826	233	56.84
Georgia.....	33,424	208	45.67	5,131	274	62.19	3	227	56.21
Maryland.....	11,220	--	--	524	--	--	--	--	--
North Carolina.....	26,793	231	56.52	5,711	281	69.44	10	252	61.91
South Carolina.....	13,832	214	54.05	1,708	242	60.65	752	188	47.61
Virginia.....	12,754	220	55.49	2,307	255	63.98	1	229	58.02
West Virginia.....	30,320	147	35.13	7,610	192	46.57	--	--	--
East South Central.....	100,099	156	34.72	20,615	212	49.85	4,590	146	28.53
Alabama.....	32,034	173	37.61	2,990	236	54.89	1,120	189	44.04
Kentucky.....	31,007	143	33.26	10,054	189	44.89	434	155	36.29
Mississippi.....	8,509	206	45.00	1,636	278	65.13	--	--	--
Tennessee.....	28,549	141	30.99	5,936	218	50.54	3,036	123	21.69
West South Central.....	122,161	128	20.90	25,956	135	23.56	--	--	--
Arkansas.....	2,080	110	18.95	11,603	153	26.75	--	--	--
Louisiana.....	12,575	158	24.66	2,506	--	--	--	--	--
Oklahoma.....	20,900	102	17.58	617	86	15.20	--	--	--
Texas.....	86,606	141	22.25	11,230	108	18.55	--	--	--
Mountain.....	112,091	119	23.14	3,610	119	24.54	2,653	151	28.05
Arizona.....	20,115	139	28.16	317	157	29.14	312	146	27.50
Colorado.....	17,016	106	20.86	1,297	100	21.18	5	99	18.86
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	11,394	69	11.62	2	140	24.31	22	110	14.43
Nevada.....	7,200	154	34.72	880	117	24.66	393	234	51.28
New Mexico.....	15,078	153	28.21	--	--	--	1,920	131	23.57
Utah.....	16,288	112	24.54	1,114	135	27.04	--	--	--
Wyoming.....	25,000	95	16.71	--	--	--	--	--	--
Pacific Contiguous.....	8,088	--	--	2,314	128	21.33	--	--	--
California.....	1,589	--	--	41	--	--	--	--	--
Oregon.....	--	--	--	2,273	128	21.33	--	--	--
Washington.....	6,499	--	--	--	--	--	--	--	--
Pacific Noncontiguous.....	706	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	706	--	--	--	--	--	--	--	--
U.S. Total.....	865,944	145	29.13	130,170	197	43.08	25,323	158	33.11

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal. • Receipts reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3.A. Receipts and Average Delivered Cost of Coal by Type of Purchase, Mine Type, Census Division and State: Total (All Sectors), 2005 (Continued)

Census Division and State	Mine Type								
	Surface			Underground			Unclassified		
	Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost	
		(cents per million Btu)	(dollars per ton)		(cents per million Btu)	(dollars per ton)		(cents per million Btu)	(dollars per ton)
New England.....	5,831	--	--	3,054	254	65.24	77	299	69.73
Connecticut.....	1,215	--	--	710	--	--	--	--	--
Maine.....	146	--	--	112	--	--	--	--	--
Massachusetts.....	4,470	--	--	485	310	72.13	77	299	69.73
New Hampshire.....	--	--	--	1,747	244	63.78	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	18,057	227	53.78	31,666	198	51.67	9,510	228	58.36
New Jersey.....	1,595	227	40.17	3,018	262	68.75	7	223	56.45
New York.....	3,607	265	65.49	5,953	194	51.35	6	232	60.30
Pennsylvania.....	12,856	156	37.00	22,695	150	38.96	9,496	--	--
East North Central.....	152,761	139	27.70	54,427	156	37.66	12,586	137	28.58
Illinois.....	42,769	102	18.25	9,030	139	29.20	4,874	114	20.03
Indiana.....	37,203	128	26.19	16,057	161	37.77	5,191	146	33.70
Michigan.....	28,410	136	25.45	6,984	213	54.38	910	160	32.30
Ohio.....	22,696	173	41.00	20,413	131	32.32	1,551	150	36.97
Wisconsin.....	21,683	121	21.15	1,943	175	43.21	60	110	19.01
West North Central.....	140,249	97	16.16	1,762	214	51.73	1,072	106	19.49
Iowa.....	18,281	95	16.36	546	163	39.51	297	118	22.14
Kansas.....	20,418	112	19.22	--	--	--	54	113	19.17
Minnesota.....	19,981	110	19.51	80	257	62.36	28	176	42.16
Missouri.....	42,221	97	17.03	1,135	213	51.41	300	125	24.09
Nebraska.....	12,221	71	12.15	--	--	--	394	73	12.44
North Dakota.....	25,388	82	10.99	--	--	--	--	--	--
South Dakota.....	1,738	142	24.82	--	--	--	--	--	--
South Atlantic.....	86,643	220	50.70	96,280	208	51.46	4,580	225	55.28
Delaware.....	492	--	--	1,781	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	11,761	232	55.69	17,556	225	55.58	3,815	232	56.77
Georgia.....	31,269	214	45.90	7,285	227	56.05	3	227	56.21
Maryland.....	7,150	--	--	4,593	--	--	--	--	--
North Carolina.....	16,562	243	59.08	15,942	237	58.70	10	252	61.91
South Carolina.....	4,741	232	58.24	10,799	211	53.24	752	188	47.61
Virginia.....	3,807	236	59.26	11,253	223	56.22	1	229	58.02
West Virginia.....	10,861	170	39.87	27,070	152	36.90	--	--	--
East South Central.....	56,574	168	35.36	64,140	164	38.79	4,590	146	28.53
Alabama.....	18,519	170	35.33	16,505	187	43.22	1,120	189	44.04
Kentucky.....	16,676	165	37.93	24,385	147	34.80	434	155	36.29
Mississippi.....	7,396	224	48.21	2,749	226	52.54	--	--	--
Tennessee.....	13,984	149	28.81	20,502	157	37.75	3,036	123	21.69
West South Central.....	146,141	130	21.61	1,976	109	18.81	--	--	--
Arkansas.....	13,683	146	25.56	--	--	--	--	--	--
Louisiana.....	15,038	158	24.66	43	--	--	--	43	--
Oklahoma.....	21,123	101	17.55	395	--	--	--	--	--
Texas.....	96,297	135	21.65	1,539	109	18.81	--	--	--
Mountain.....	85,276	115	21.44	30,425	128	27.85	2,653	151	28.05
Arizona.....	20,113	139	28.02	319	169	37.72	312	146	27.50
Colorado.....	13,878	104	19.54	4,435	112	25.10	5	99	18.86
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	11,396	69	11.62	--	--	--	22	110	14.43
Nevada.....	5,068	156	33.84	3,011	141	33.26	393	234	51.28
New Mexico.....	9,308	133	23.64	5,770	182	35.58	1,920	131	23.57
Utah.....	574	133	23.43	16,828	113	24.72	--	--	--
Wyoming.....	24,938	95	16.69	62	129	23.98	--	--	--
Pacific Contiguous.....	8,822	128	21.33	1,579	--	--	--	--	--
California.....	50	--	--	1,579	--	--	--	--	--
Oregon.....	2,273	128	21.33	--	--	--	--	--	--
Washington.....	6,499	--	--	--	--	--	--	--	--
Pacific Noncontiguous.....	706	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	706	--	--	--	--	--	--	--	--
U.S. Total.....	701,061	141	26.79	285,309	175	41.72	35,068	158	33.09

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal. • Receipts reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3.B. Receipts and Average Delivered Cost of Coal by Type of Purchase, Mine Type, Census Division and State: Total (All Sectors), 2004

Census Division and State	Type of Purchase								
	Contract			Spot			Unclassified/Other		
	Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost	
		(cents per million Btu)	(dollars per ton)		(cents per million Btu)	(dollars per ton)		(cents per million Btu)	(dollars per ton)
New England.....	6,409	208	56.33	506	223	56.51	1,362	192	49.64
Connecticut.....	1,922	--	--	--	--	--	--	--	--
Maine.....	271	--	--	--	--	--	--	--	--
Massachusetts.....	3,931	--	--	189	229	55.03	271	184	43.89
New Hampshire.....	285	208	56.33	317	220	57.32	1,091	194	51.07
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	48,603	146	38.06	6,248	199	51.90	51	177	45.55
New Jersey.....	1,774	209	54.96	495	241	63.71	4	226	57.20
New York.....	8,234	151	40.00	1,340	161	41.71	47	173	44.49
Pennsylvania.....	38,595	123	31.80	4,414	181	35.83	--	--	--
East North Central.....	170,654	121	25.27	30,233	148	32.82	15,579	131	27.31
Illinois.....	54,248	115	21.63	3,326	106	18.50	2,120	126	24.71
Indiana.....	45,498	117	24.75	6,975	142	31.89	1,624	124	25.37
Michigan.....	23,237	137	27.62	5,795	143	27.26	5,916	131	25.22
Ohio.....	26,773	122	29.63	12,927	155	36.78	4,117	133	32.18
Wisconsin.....	20,897	112	19.74	1,209	146	29.29	1,803	140	27.87
West North Central.....	131,891	92	15.31	4,190	94	16.81	9,171	90	15.05
Iowa.....	15,278	89	15.36	232	143	32.06	4,296	90	15.53
Kansas.....	19,467	104	17.89	445	81	14.23	1,067	95	16.45
Minnesota.....	19,484	104	18.49	254	140	25.78	132	192	44.21
Missouri.....	41,681	92	16.24	1,360	104	18.88	1,859	90	15.89
Nebraska.....	10,608	65	11.18	1,653	71	12.08	255	66	11.34
North Dakota.....	23,389	77	10.19	82	121	20.88	1,562	75	9.92
South Dakota.....	1,983	140	23.84	165	123	20.82	--	--	--
South Atlantic.....	116,941	170	40.91	38,033	198	47.55	25,489	191	45.40
Delaware.....	1,175	--	--	973	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	14,087	177	43.02	6,338	199	48.88	11,859	194	47.73
Georgia.....	26,012	176	39.75	7,422	198	43.35	4,018	166	30.15
Maryland.....	12,327	--	--	491	--	--	--	--	--
North Carolina.....	21,116	193	47.73	6,177	219	53.50	2,815	204	50.30
South Carolina.....	6,184	179	45.05	4,235	205	51.42	4,496	194	48.68
Virginia.....	8,263	172	43.73	4,562	212	53.20	2,225	189	48.11
West Virginia.....	27,777	132	32.03	7,836	165	39.84	76	141	34.10
East South Central.....	87,278	137	30.48	12,347	178	41.47	18,176	145	34.02
Alabama.....	26,477	149	31.69	2,230	159	37.43	5,098	158	37.28
Kentucky.....	24,992	127	29.17	6,219	182	43.41	6,665	140	32.44
Mississippi.....	7,315	160	36.89	2,022	200	45.51	288	162	33.95
Tennessee.....	28,495	131	29.47	1,877	159	33.60	6,125	137	33.04
West South Central.....	110,774	121	19.89	21,875	122	21.47	17,962	135	22.18
Arkansas.....	1,124	129	22.16	12,790	122	21.39	691	127	22.19
Louisiana.....	9,457	133	23.22	2,221	--	--	3,835	143	19.41
Oklahoma.....	20,144	101	17.62	243	90	15.05	--	--	--
Texas.....	80,049	136	21.07	6,622	126	22.19	13,435	134	22.98
Mountain.....	106,522	112	21.64	5,026	112	22.27	5,917	117	25.44
Arizona.....	18,220	128	26.38	1,767	127	24.11	328	141	27.77
Colorado.....	16,894	98	19.27	1,409	81	16.28	531	100	20.65
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	11,100	63	10.64	15	127	22.13	--	--	--
Nevada.....	6,240	136	30.47	625	130	27.05	1,624	137	30.79
New Mexico.....	16,632	148	27.25	--	--	--	--	--	--
Utah.....	12,053	116	25.28	1,092	122	25.71	3,393	108	23.54
Wyoming.....	25,383	87	15.31	118	55	9.12	41	85	14.80
Pacific Contiguous.....	7,851	--	--	2,295	118	19.91	--	--	--
California.....	1,294	--	--	44	--	--	--	--	--
Oregon.....	--	--	--	2,251	118	19.91	--	--	--
Washington.....	6,557	--	--	--	--	--	--	--	--
Pacific Noncontiguous.....	647	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	647	--	--	--	--	--	--	--	--
U.S. Total.....	787,570	125	25.05	120,753	165	36.01	93,708	150	31.57

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal and synthetic coal. • Receipts reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3.B. Receipts and Average Delivered Cost of Coal by Type of Purchase, Mine Type, Census Division and State: Total (All Sectors), 2004 (Continued)

Census Division and State	Mine Type								
	Surface			Underground			Unclassified		
	Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost	
		(cents per million Btu)	(dollars per ton)		(cents per million Btu)	(dollars per ton)		(cents per million Btu)	(dollars per ton)
New England.....	4,884	--	--	2,031	217	56.44	1,362	192	49.64
Connecticut.....	1,071	--	--	851	--	--	--	--	--
Maine.....	168	--	--	103	--	--	--	--	--
Massachusetts.....	3,645	--	--	475	229	55.03	271	184	43.89
New Hampshire.....	--	--	--	602	214	56.85	1,091	194	51.07
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	15,001	165	39.84	30,570	164	43.01	9,331	177	45.55
New Jersey.....	--	--	--	2,268	227	59.87	4	226	57.20
New York.....	2,483	185	44.88	7,091	154	40.54	47	173	44.49
Pennsylvania.....	12,518	137	32.69	21,211	123	31.76	9,280	--	--
East North Central.....	147,216	122	24.26	53,642	134	31.76	15,607	131	27.31
Illinois.....	48,599	96	16.65	8,976	142	30.13	2,120	126	24.71
Indiana.....	34,352	114	23.23	18,122	131	30.19	1,624	124	25.37
Michigan.....	23,369	128	23.99	5,635	168	42.83	5,944	131	25.22
Ohio.....	20,251	143	34.08	19,449	121	29.65	4,117	133	32.18
Wisconsin.....	20,645	109	18.93	1,461	174	42.22	1,803	140	27.87
West North Central.....	134,683	91	15.24	1,393	151	35.55	9,176	90	15.06
Iowa.....	14,989	90	15.50	520	145	29.36	4,296	90	15.53
Kansas.....	19,912	103	17.81	--	--	--	1,067	95	16.45
Minnesota.....	19,727	105	18.58	11	181	44.02	132	192	44.21
Missouri.....	42,174	91	15.99	862	151	36.08	1,864	91	15.93
Nebraska.....	12,261	66	11.30	--	--	--	255	66	11.34
North Dakota.....	23,471	77	10.22	--	--	--	1,562	75	9.92
South Dakota.....	2,148	139	23.61	--	--	--	--	--	--
South Atlantic.....	65,823	182	41.84	89,152	176	43.59	25,489	191	45.40
Delaware.....	192	--	--	1,956	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	7,744	190	45.23	12,681	182	45.04	11,859	194	47.73
Georgia.....	23,127	178	38.14	10,307	185	45.87	4,018	166	30.15
Maryland.....	9,106	--	--	3,712	--	--	--	--	--
North Carolina.....	13,451	198	48.68	13,842	201	49.60	2,815	204	50.30
South Carolina.....	2,203	192	48.16	8,216	189	47.56	4,496	194	48.68
Virginia.....	2,710	172	43.31	10,115	195	49.23	2,225	189	48.11
West Virginia.....	7,290	145	34.40	28,323	140	34.11	76	141	34.10
East South Central.....	49,146	140	29.17	50,478	144	34.13	18,177	145	34.02
Alabama.....	18,523	141	28.45	10,183	164	38.84	5,098	158	37.28
Kentucky.....	13,701	137	30.89	17,509	140	32.97	6,666	140	32.44
Mississippi.....	6,674	178	39.87	2,663	169	39.96	288	162	33.95
Tennessee.....	10,248	127	24.88	20,124	134	31.90	6,125	137	33.04
West South Central.....	132,354	121	20.28	296	--	--	17,962	135	22.18
Arkansas.....	13,914	122	21.45	--	--	--	691	127	22.19
Louisiana.....	11,678	133	23.22	--	--	--	3,835	143	19.41
Oklahoma.....	20,091	101	17.61	295	--	--	--	--	--
Texas.....	86,671	135	21.17	--	--	--	13,435	134	22.98
Mountain.....	86,124	105	19.72	25,424	131	27.88	5,917	117	25.44
Arizona.....	19,721	128	26.04	267	158	35.89	328	141	27.77
Colorado.....	14,475	95	17.94	3,828	103	23.19	531	100	20.65
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	11,115	63	10.67	--	--	--	--	--	--
Nevada.....	4,839	134	29.36	2,026	139	32.06	1,624	137	30.79
New Mexico.....	9,652	128	22.84	6,979	174	33.34	--	--	--
Utah.....	822	125	23.02	12,323	116	25.38	3,393	108	23.54
Wyoming.....	25,501	87	15.28	--	--	--	41	85	14.80
Pacific Contiguous.....	8,815	118	19.91	1,331	--	--	--	--	--
California.....	7	--	--	1,331	--	--	--	--	--
Oregon.....	2,251	118	19.91	--	--	--	--	--	--
Washington.....	6,557	--	--	--	--	--	--	--	--
Pacific Noncontiguous.....	647	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	647	--	--	--	--	--	--	--	--
U.S. Total.....	644,693	121	22.76	254,316	152	36.31	103,022	150	31.57

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal and synthetic coal. • Receipts reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.A. Receipts and Average Delivered Cost of Coal by Rank, Census Division and State: Total (All Sectors), 2005

Census Division and State	Bituminous ¹			Subbituminous			Lignite			Total ²		
	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)
New England.....	7,495	12,123	254	1,466	9,433	345	--	--	--	8,961	11,683	273
Connecticut.....	548	12,055	--	1,377	9,376	--	--	--	--	1,925	10,139	W
Maine.....	257	12,823	--	--	--	--	--	--	--	257	12,823	W
Massachusetts.....	4,942	11,754	304	90	10,312	345	--	--	--	5,032	11,728	W
New Hampshire.....	1,747	13,087	244	--	--	--	--	--	--	1,747	13,087	244
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	38,734	12,501	201	2,859	8,817	223	--	--	--	59,232	11,826	173
New Jersey.....	4,598	12,662	262	22	8,845	227	--	--	--	4,620	12,644	218
New York.....	6,959	12,963	211	2,607	8,815	--	--	--	--	9,566	11,832	213
Pennsylvania.....	27,178	12,356	151	231	8,833	198	--	--	--	45,046	11,741	159
East North Central.....	102,625	11,804	155	111,801	8,818	120	--	--	--	219,774	10,278	141
Illinois.....	7,921	10,443	132	47,813	8,748	108	--	--	--	56,674	9,015	119
Indiana.....	42,483	11,470	143	15,968	8,855	126	--	--	--	58,451	10,756	W
Michigan.....	10,090	12,650	221	26,214	9,008	122	--	--	--	36,304	10,021	158
Ohio.....	39,614	12,191	150	638	8,835	141	--	--	--	44,660	12,097	154
Wisconsin.....	2,518	12,238	196	21,168	8,713	115	--	--	--	23,686	9,088	W
West North Central.....	3,303	11,392	189	115,734	8,674	98	23,899	6,552	81	143,083	8,385	99
Iowa.....	868	10,965	184	18,110	8,542	92	--	--	--	19,125	8,668	W
Kansas.....	389	10,987	157	20,084	8,522	111	--	--	--	20,472	8,569	112
Minnesota.....	169	11,658	251	19,921	8,886	109	--	--	--	20,089	8,909	W
Missouri.....	1,878	11,649	191	41,778	8,728	96	--	--	--	43,656	8,854	W
Nebraska.....	--	--	--	12,614	8,570	71	--	--	--	12,614	8,570	71
North Dakota.....	--	--	--	1,489	8,833	100	23,899	6,552	81	25,388	6,686	82
South Dakota.....	--	--	--	1,738	8,711	142	--	--	--	1,738	8,711	142
South Atlantic.....	168,253	12,350	218	15,138	8,738	168	--	--	--	187,503	12,044	211
Delaware.....	2,058	12,577	--	215	8,833	--	--	--	--	2,274	12,222	W
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	33,079	12,227	228	--	--	--	--	--	--	33,132	12,227	231
Georgia.....	24,911	12,335	236	13,647	8,727	168	--	--	--	38,557	11,058	218
Maryland.....	9,109	12,581	--	--	--	--	--	--	--	11,744	12,638	192
North Carolina.....	32,464	12,314	240	50	8,834	316	--	--	--	32,514	12,309	240
South Carolina.....	15,674	12,617	217	--	--	--	--	--	--	16,291	12,617	W
Virginia.....	15,061	12,650	226	--	--	--	--	--	--	15,061	12,650	233
West Virginia.....	35,897	12,193	158	1,226	8,839	159	--	--	--	37,931	11,976	W
East South Central.....	87,875	11,802	173	26,685	8,782	133	3,603	5,096	--	125,305	11,027	165
Alabama.....	20,069	11,673	198	11,598	8,716	138	--	--	--	36,143	10,950	W
Kentucky.....	38,175	11,711	156	1,188	8,817	133	--	--	--	41,495	11,620	W
Mississippi.....	5,385	11,638	231	1,157	8,816	185	3,603	5,096	--	10,145	8,993	W
Tennessee.....	24,245	12,087	164	12,742	8,837	123	--	--	--	37,521	10,993	W
West South Central.....	1,215	11,112	359	97,008	8,605	129	49,894	6,560	137	148,117	7,937	129
Arkansas.....	--	--	--	13,683	8,745	146	--	--	--	13,683	8,745	146
Louisiana.....	51	11,852	--	10,932	8,584	169	4,098	6,892	146	15,081	8,136	W
Oklahoma.....	1,035	10,936	--	20,483	8,655	101	--	--	--	21,517	8,765	W
Texas.....	129	12,229	359	51,911	8,552	134	45,796	6,531	131	97,836	7,611	129
Mountain.....	40,863	10,961	128	76,639	9,028	114	281	6,779	104	118,354	9,677	118
Arizona.....	8,565	10,873	128	12,179	9,536	149	--	--	--	20,744	10,088	W
Colorado.....	5,844	10,982	112	12,474	9,358	102	--	--	--	18,318	9,876	106
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	11,138	8,489	68	281	6,779	104	11,419	8,447	W
Nevada.....	7,966	11,285	155	507	9,454	144	--	--	--	8,473	11,176	154
New Mexico.....	2,291	9,782	183	14,706	9,078	146	--	--	--	16,997	9,173	151
Utah.....	16,197	11,008	113	634	9,233	132	--	--	--	17,402	10,786	W
Wyoming.....	--	--	--	25,000	8,814	95	--	--	--	25,000	8,814	95
Pacific Contiguous.....	1,317	12,061	--	8,820	8,197	128	--	--	--	10,402	8,791	W
California.....	1,317	12,061	--	48	9,669	--	--	--	--	1,630	12,027	W
Oregon.....	--	--	--	2,273	8,356	128	--	--	--	2,273	8,356	128
Washington.....	--	--	--	6,499	8,131	--	--	--	--	6,499	8,131	W
Pacific Noncontiguous.....	--	--	--	706	10,975	--	--	--	--	706	10,975	W
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	706	10,975	--	--	--	--	706	10,975	W
U.S. Total.....	451,680	11,992	182	456,856	8,760	117	77,677	6,491	99	1,021,437	10,107	154

¹ Includes anthracite.² Includes waste coal and synthetic coal not included elsewhere in this table.

W = Withheld to avoid disclosure of individual company data.

Notes: • Receipts, heat value, and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for Bituminous, Subbituminous and Lignite reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.B. Receipts and Average Delivered Cost of Coal by Rank, Census Division and State: Total (All Sectors), 2004

Census Division and State	Bituminous ¹			Subbituminous			Lignite			Total ²		
	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)
New England.....	7,052	12,219	202	1,225	9,371	--	--	--	--	8,277	11,797	209
Connecticut.....	697	12,273	--	1,225	9,371	--	--	--	--	1,922	10,423	W
Maine.....	271	12,854	--	--	--	--	--	--	--	271	12,854	W
Massachusetts.....	4,391	11,793	202	--	--	--	--	--	--	4,391	11,793	197
New Hampshire.....	1,693	13,199	202	--	--	--	--	--	--	1,693	13,199	202
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	35,191	12,538	165	2,044	8,808	183	--	--	--	54,903	11,746	147
New Jersey.....	2,273	12,868	227	--	--	--	--	--	--	2,273	12,868	205
New York.....	7,593	12,932	158	2,004	8,806	--	--	--	--	9,622	12,063	176
Pennsylvania.....	25,326	12,390	123	40	8,926	183	--	--	--	43,008	11,615	137
East North Central.....	99,873	11,743	133	112,808	8,835	114	--	--	--	216,465	10,220	125
Illinois.....	10,523	10,726	141	48,764	8,761	97	--	--	--	59,694	9,120	115
Indiana.....	37,430	11,344	121	16,668	8,933	121	--	--	--	54,098	10,601	W
Michigan.....	9,056	12,635	174	25,892	9,034	120	--	--	--	34,948	9,967	139
Ohio.....	40,378	12,162	131	61	8,784	144	--	--	--	43,817	12,098	133
Wisconsin.....	2,486	11,995	176	21,423	8,686	107	--	--	--	23,909	9,030	W
West North Central.....	2,977	11,337	150	117,743	8,685	92	24,462	6,554	77	145,252	8,381	93
Iowa.....	856	10,959	143	18,880	8,553	89	--	--	--	19,805	8,665	W
Kansas.....	402	10,930	132	20,577	8,581	102	--	--	--	20,980	8,626	103
Minnesota.....	178	11,390	193	19,692	8,891	105	--	--	--	19,870	8,914	W
Missouri.....	1,541	11,646	152	43,359	8,738	90	--	--	--	44,900	8,838	W
Nebraska.....	--	--	--	12,516	8,574	66	--	--	--	12,516	8,574	66
North Dakota.....	--	--	--	571	8,643	94	24,462	6,554	77	25,033	6,602	77
South Dakota.....	--	--	--	2,148	8,523	139	--	--	--	2,148	8,523	139
South Atlantic.....	159,393	12,377	182	14,882	8,803	162	--	--	--	180,464	12,071	179
Delaware.....	2,063	12,687	--	85	8,731	--	--	--	--	2,148	12,530	W
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	31,850	12,251	189	26	8,939	171	--	--	--	32,284	12,249	192
Georgia.....	23,040	12,421	187	14,412	8,792	163	--	--	--	37,453	11,024	180
Maryland.....	8,206	12,559	--	--	--	--	--	--	--	12,818	12,653	174
North Carolina.....	30,108	12,345	200	--	--	--	--	--	--	30,108	12,345	200
South Carolina.....	14,565	12,562	191	--	--	--	--	--	--	14,914	12,565	W
Virginia.....	15,050	12,713	190	--	--	--	--	--	--	15,050	12,713	195
West Virginia.....	34,510	12,206	141	359	9,240	137	--	--	--	35,689	12,061	135
East South Central.....	86,139	11,808	146	19,334	8,818	121	3,572	5,106	--	117,802	11,127	143
Alabama.....	18,015	11,784	160	11,009	8,796	125	--	--	--	33,805	10,878	W
Kentucky.....	33,357	11,652	141	1,165	8,802	125	--	--	--	37,876	11,550	137
Mississippi.....	5,338	11,786	174	714	8,830	163	3,572	5,106	--	9,624	9,087	W
Tennessee.....	29,430	12,002	137	6,446	8,857	110	--	--	--	36,497	11,457	W
West South Central.....	1,059	11,584	--	99,644	8,652	123	49,908	6,519	131	150,612	7,966	W
Arkansas.....	--	--	--	14,606	8,761	123	--	--	--	14,606	8,761	123
Louisiana.....	*	12,500	--	11,678	8,584	133	3,835	6,809	143	15,513	8,146	W
Oklahoma.....	1,059	11,584	--	19,327	8,705	101	--	--	--	20,386	8,854	W
Texas.....	--	--	--	54,033	8,619	136	46,073	6,494	124	100,106	7,641	131
Mountain.....	48,164	10,720	125	68,468	9,008	101	326	6,628	101	117,465	9,684	111
Arizona.....	8,688	10,913	118	11,627	9,687	137	--	--	--	20,315	10,211	W
Colorado.....	5,647	10,944	103	13,187	9,345	94	--	--	--	18,834	9,824	97
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	10,789	8,561	61	326	6,628	101	11,115	8,504	W
Nevada.....	8,302	11,155	136	187	9,487	129	--	--	--	8,489	11,118	136
New Mexico.....	6,979	9,598	174	9,652	8,956	128	--	--	--	16,632	9,225	148
Utah.....	15,685	10,950	114	346	9,204	125	--	--	--	16,539	10,718	W
Wyoming.....	2,863	9,896	110	22,679	8,691	83	--	--	--	25,542	8,826	87
Pacific Contiguous.....	1,338	12,205	--	8,808	8,215	118	--	--	--	10,146	8,741	W
California.....	1,338	12,205	--	--	--	--	--	--	--	1,338	12,205	188
Oregon.....	--	--	--	2,251	8,402	118	--	--	--	2,251	8,402	118
Washington.....	--	--	--	6,557	8,151	--	--	--	--	6,557	8,151	W
Pacific Noncontiguous.....	--	--	--	647	11,097	--	--	--	--	647	11,097	W
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	647	11,097	--	--	--	--	647	11,097	W
U.S. Total.....	441,186	11,942	154	445,603	8,772	109	78,268	6,466	93	1,002,032	10,074	136

¹ Includes anthracite.² Includes waste coal and synthetic coal not included elsewhere in this table.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*".)

W = Withheld to avoid disclosure of individual company data.

Notes: • Receipts, heat value, and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for Bituminous, Subbituminous and Lignite reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 5. Receipts of Petroleum Liquids for Electric Generation by Census Division and State: Total (All Sectors), 2005 and 2004
(Thousand Barrels)

Census Division and State	2005	2004
New England	22,251	21,459
Connecticut.....	5,384	3,210
Maine.....	2,769	2,026
Massachusetts.....	11,690	13,087
New Hampshire.....	2,399	3,127
Rhode Island.....	4	8
Vermont.....	6	--
Middle Atlantic	47,047	44,356
New Jersey.....	1,480	1,684
New York.....	37,583	35,538
Pennsylvania.....	7,984	7,134
East North Central	3,410	3,320
Illinois.....	678	965
Indiana.....	354	301
Michigan.....	1,580	1,429
Ohio.....	680	553
Wisconsin.....	118	72
West North Central	2,024	2,006
Iowa.....	186	98
Kansas.....	1,489	1,573
Minnesota.....	149	128
Missouri.....	97	118
Nebraska.....	36	17
North Dakota.....	60	66
South Dakota.....	7	5
South Atlantic	69,666	66,983
Delaware.....	1,852	1,294
District of Columbia.....	563	118
Florida.....	47,388	47,447
Georgia.....	1,213	704
Maryland.....	6,342	1,944
North Carolina.....	619	627
South Carolina.....	679	734
Virginia.....	10,338	13,544
West Virginia.....	672	571
East South Central	3,516	5,878
Alabama.....	433	318
Kentucky.....	226	234
Mississippi.....	2,580	5,093
Tennessee.....	277	233
West South Central	5,084	4,527
Arkansas.....	88	85
Louisiana.....	4,072	3,598
Oklahoma.....	36	21
Texas.....	888	822
Mountain	396	691
Arizona.....	90	132
Colorado.....	34	14
Idaho.....	--	--
Montana.....	39	57
Nevada.....	51	271
New Mexico.....	61	61
Utah.....	52	58
Wyoming.....	69	97
Pacific Contiguous	881	614
California.....	586	250
Oregon.....	58	34
Washington.....	238	330
Pacific Noncontiguous	2,945	1,987
Alaska.....	*	--
Hawaii.....	2,945	1,987
U.S. Total	157,221	151,821

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*".)

Notes: • Includes distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils), residual fuel oil (No. 5 and No. 6 fuel oils and bunker C fuel oil), jet fuel, kerosene, and waste oil. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 6. Average Delivered Cost of Petroleum Liquids by Census Division and State: Total (All Sectors), 2005 and 2004

Census Division and State	2005		2004		Percent Change 2004-2005 (cents per million Btu)	Percent Change 2004-2005 (dollars per barrel)
	(cents per million Btu)	(dollars per barrel)	(cents per million Btu)	(dollars per barrel)		
New England.....	730	45.74	W	W	W	W
Connecticut.....	836	52.06	568	35.20	47.26	47.90
Maine.....	W	W	504	32.13	W	W
Massachusetts.....	709	44.01	450	28.14	57.41	56.40
New Hampshire.....	W	W	W	W	W	W
Rhode Island.....	W	W	W	W	W	W
Vermont.....	1,314	76.24	--	--	--	--
Middle Atlantic.....	773	48.43	511	31.99	51.36	51.41
New Jersey.....	985	55.79	602	33.49	63.78	66.59
New York.....	W	W	504	31.75	W	W
Pennsylvania.....	W	W	524	32.82	W	W
East North Central.....	W	W	608	37.12	W	W
Illinois.....	1,434	82.82	594	36.52	141.42	126.78
Indiana.....	W	W	W	W	W	W
Michigan.....	W	W	W	W	W	W
Ohio.....	1,291	74.95	W	W	W	W
Wisconsin.....	W	W	750	43.81	W	W
West North Central.....	W	W	W	W	W	W
Iowa.....	1,131	66.29	709	41.44	59.61	59.97
Kansas.....	586	38.56	409	27.00	43.26	42.81
Minnesota.....	W	W	W	W	W	W
Missouri.....	1,236	71.50	838	48.56	47.49	47.24
Nebraska.....	1,343	77.89	712	41.15	88.59	89.28
North Dakota.....	1,244	72.65	863	50.16	44.21	44.84
South Dakota.....	1,245	72.73	822	47.84	51.40	52.03
South Atlantic.....	W	W	490	31.14	W	W
Delaware.....	863	53.36	611	37.34	41.31	42.90
District of Columbia.....	W	W	W	W	W	W
Florida.....	706	44.96	472	30.20	49.35	48.87
Georgia.....	W	W	W	W	W	W
Maryland.....	788	49.15	552	34.54	42.86	42.30
North Carolina.....	W	W	715	42.47	W	W
South Carolina.....	W	W	W	W	W	W
Virginia.....	761	47.65	497	31.41	53.25	51.70
West Virginia.....	W	W	785	46.45	W	W
East South Central.....	W	W	W	W	W	W
Alabama.....	W	W	W	W	W	W
Kentucky.....	W	W	W	W	W	W
Mississippi.....	651	42.43	465	30.38	39.98	39.66
Tennessee.....	1,262	72.71	842	49.27	49.85	47.57
West South Central.....	719	45.79	W	W	W	W
Arkansas.....	1,001	59.06	726	42.79	37.90	38.02
Louisiana.....	W	W	W	W	W	W
Oklahoma.....	1,199	70.86	609	37.01	96.91	91.46
Texas.....	W	W	W	W	W	W
Mountain.....	W	W	W	W	W	W
Arizona.....	1,403	83.03	W	W	W	W
Colorado.....	1,768	87.02	1,129	59.79	56.55	45.54
Idaho.....	--	--	--	--	--	--
Montana.....	W	W	W	W	W	W
Nevada.....	990	58.95	473	29.66	109.40	98.75
New Mexico.....	W	W	W	W	W	W
Utah.....	1,291	75.79	924	54.14	39.79	39.99
Wyoming.....	1,317	77.23	950	55.58	38.64	38.95
Pacific Contiguous.....	W	W	W	W	W	W
California.....	W	W	837	46.16	W	W
Oregon.....	1,217	71.41	870	51.61	39.87	38.36
Washington.....	W	W	W	W	W	W
Pacific Noncontiguous.....	W	W	W	W	W	W
Alaska.....	1,026	59.80	--	--	--	--
Hawaii.....	W	W	W	W	W	W
U.S. Total.....	759	47.61	500	31.58	51.68	50.76

W = Withheld to avoid disclosure of individual company data.

Notes: • Includes distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils), residual fuel oil (No. 5 and No. 6 fuel oils and bunker C fuel oil), jet fuel, kerosene, and waste oil. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 7.A. Receipts and Average Delivered Cost of Distillate Fuel Oil by Type of Purchase, Census Division and State: Total (All Sectors), 2005

Census Division and State	Contract			Spot			Unclassified/Other			Total		
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost	
		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)
New England	173	--	--	579	1,255	72.69	297	1,166	67.91	1,050	1,175	68.41
Connecticut.....	9	--	--	99	--	--	--	--	--	108	--	--
Maine.....	--	--	--	68	--	--	--	--	--	68	--	--
Massachusetts.....	15	--	--	382	1,296	75.33	294	1,164	67.80	690	1,167	67.98
New Hampshire.....	150	--	--	23	1,233	71.37	2	1,347	78.00	174	1,240	71.79
Rhode Island.....	--	--	--	4	--	--	--	--	--	4	--	--
Vermont.....	--	--	--	4	1,306	75.63	2	1,330	77.46	6	1,314	76.24
Middle Atlantic	711	1,057	61.95	1,680	503	29.42	78	1,203	69.46	2,468	849	49.54
New Jersey.....	162	1,221	71.77	284	503	29.42	*	1,049	61.01	446	605	35.43
New York.....	91	983	57.55	547	--	--	78	1,203	69.48	716	1,118	64.88
Pennsylvania.....	458	1,232	72.94	849	--	--	--	--	--	1,307	1,232	72.94
East North Central	941	1,287	74.62	1,045	1,095	63.81	160	1,143	66.39	2,145	1,163	67.62
Illinois.....	493	1,101	62.75	127	1,374	79.04	26	1,293	74.63	646	1,272	73.07
Indiana.....	12	1,022	58.59	206	829	47.91	82	990	57.29	300	881	50.90
Michigan.....	8	1,187	68.81	389	1,176	68.88	5	1,318	76.97	402	1,178	68.98
Ohio.....	428	1,305	75.74	245	1,181	68.34	7	1,291	74.97	680	1,278	74.11
Wisconsin.....	*	--	--	78	1,164	68.44	40	1,310	76.90	118	1,219	71.67
West North Central	53	1,314	76.17	461	1,178	68.72	101	1,193	69.42	615	1,191	69.41
Iowa.....	--	--	--	172	1,139	66.74	14	1,035	60.57	186	1,131	66.29
Kansas.....	--	--	--	104	1,298	75.43	5	1,275	74.16	109	1,297	75.37
Minnesota.....	7	--	--	92	1,047	61.21	21	1,128	65.61	120	1,062	62.06
Missouri.....	--	--	--	68	1,225	70.87	30	1,262	72.93	97	1,236	71.50
Nebraska.....	29	1,377	79.87	6	1,215	70.41	1	1,145	66.43	36	1,343	77.89
North Dakota.....	17	1,207	69.89	19	1,299	76.38	23	1,227	71.65	60	1,244	72.65
South Dakota.....	--	--	--	--	--	--	7	1,245	72.73	7	1,245	72.73
South Atlantic	2,786	1,250	72.26	4,555	1,118	65.55	436	1,228	71.40	7,777	1,160	67.74
Delaware.....	16	--	--	300	1,298	76.55	--	--	--	316	1,298	76.55
District of Columbia.....	563	--	--	--	--	--	--	--	--	563	--	--
Florida.....	694	1,306	74.81	778	1,289	75.29	155	1,317	76.30	1,627	1,298	75.28
Georgia.....	121	1,239	72.08	177	1,254	73.95	22	1,319	76.71	320	1,252	73.28
Maryland.....	300	--	--	981	--	--	--	--	--	1,281	--	--
North Carolina.....	338	1,143	66.36	30	1,319	77.17	47	1,297	75.41	416	1,173	68.18
South Carolina.....	140	1,288	74.67	--	--	--	104	1,273	73.80	244	1,281	74.30
Virginia.....	225	--	--	2,053	1,030	60.51	91	1,049	61.16	2,369	1,031	60.54
West Virginia.....	387	1,330	77.61	235	1,251	72.99	17	815	48.83	640	1,243	72.65
East South Central	398	1,234	71.83	280	1,050	61.51	353	1,189	69.44	1,031	1,170	68.31
Alabama.....	178	1,205	70.42	11	1,463	80.42	218	1,154	68.20	408	1,180	69.33
Kentucky.....	38	1,264	73.48	137	1,255	73.52	34	1,198	70.14	210	1,245	72.80
Mississippi.....	--	--	--	131	880	51.81	6	783	46.16	137	875	51.57
Tennessee.....	182	1,246	72.32	--	--	--	95	1,295	73.46	277	1,262	72.71
West South Central	23	--	--	449	892	53.61	327	1,185	69.31	799	1,074	63.47
Arkansas.....	--	--	--	72	970	57.19	16	1,143	67.46	88	1,001	59.06
Louisiana.....	23	--	--	69	590	36.89	153	1,348	79.27	245	1,102	66.07
Oklahoma.....	--	--	--	5	1,202	72.62	28	1,241	72.42	33	1,235	72.45
Texas.....	--	--	--	303	1,211	70.54	130	984	57.20	433	1,045	60.75
Mountain	79	1,451	83.43	197	1,373	80.11	89	1,262	73.21	365	1,360	79.00
Arizona.....	23	1,360	81.44	46	1,454	85.60	21	1,338	79.13	90	1,403	83.04
Colorado.....	14	2,016	103.62	4	1,518	86.65	8	1,811	94.30	26	1,878	98.35
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	27	1,327	78.56	--	--	--	--	--	--	27	1,327	78.56
Nevada.....	--	--	--	--	--	--	39	1,145	66.81	39	1,145	66.81
New Mexico.....	--	--	--	57	1,351	77.16	4	1,339	77.97	61	1,350	77.22
Utah.....	--	--	--	37	1,341	78.75	15	1,171	68.66	52	1,291	75.79
Wyoming.....	15	1,247	72.23	54	1,336	78.61	1	1,306	76.52	69	1,317	77.23
Pacific Contiguous	18	--	--	154	1,220	71.72	82	1,018	59.26	254	1,092	63.78
California.....	--	--	--	107	--	--	72	991	57.68	179	991	57.68
Oregon.....	--	--	--	47	1,220	71.72	11	1,202	70.02	58	1,217	71.41
Washington.....	18	--	--	*	--	--	--	--	--	18	--	--
Pacific Noncontiguous	6	--	--	67	--	--	*	1,026	59.80	73	1,026	59.80
Alaska.....	--	--	--	--	--	--	*	1,026	59.80	*	1,026	59.80
Hawaii.....	6	--	--	67	--	--	--	--	--	73	--	--
U.S. Total	5,189	1,258	72.88	9,466	1,104	64.66	1,923	1,187	69.11	16,579	1,156	67.49

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "**").

Notes: • Distillate fuel oil includes all diesel, No. 1, No. 2, and No. 4 fuel oils. • Receipts reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 7.B. Receipts and Average Delivered Cost of Distillate Fuel Oil by Type of Purchase, Census Division and State: Total (All Sectors), 2004

Census Division and State	Contract			Spot			Unclassified/Other			Total		
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost	
		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)
New England.....	138	--	--	720	729	42.41	243	610	35.45	1,100	643	37.38
Connecticut.....	29	--	--	69	--	--	--	--	--	98	--	--
Maine.....	2	--	--	30	--	--	--	--	--	31	--	--
Massachusetts.....	17	--	--	595	706	41.12	243	610	35.45	855	633	36.79
New Hampshire.....	90	--	--	18	827	47.84	*	967	55.98	108	827	47.87
Rhode Island.....	--	--	--	8	--	--	--	--	--	8	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	662	788	46.10	1,496	742	43.33	11	883	51.04	2,167	750	43.82
New Jersey.....	180	777	45.39	215	742	43.33	*	558	32.42	395	743	43.43
New York.....	111	--	--	565	--	--	10	900	51.95	685	899	51.95
Pennsylvania.....	371	842	49.86	716	--	--	--	--	--	1,087	842	49.86
East North Central.....	458	781	45.18	814	781	45.34	153	759	43.89	1,424	778	45.10
Illinois.....	107	682	39.46	80	956	55.06	44	890	51.55	231	909	52.55
Indiana.....	50	811	46.56	129	694	39.99	86	701	40.40	266	718	41.37
Michigan.....	--	--	--	302	830	48.33	1	834	48.63	303	830	48.33
Ohio.....	300	776	44.96	243	756	43.76	10	621	36.08	553	765	44.33
Wisconsin.....	--	--	--	60	697	40.95	11	813	47.70	71	724	42.51
West North Central.....	57	864	50.06	335	779	45.28	105	800	46.62	497	790	45.91
Iowa.....	--	--	--	88	711	41.55	11	692	40.54	98	709	41.44
Kansas.....	--	--	--	69	867	50.19	5	1,135	65.78	74	885	51.24
Minnesota.....	24	--	--	70	693	40.40	24	700	41.00	118	695	40.56
Missouri.....	1	895	53.00	92	844	48.89	25	815	47.18	118	838	48.56
Nebraska.....	2	812	46.74	13	697	40.09	1	745	42.87	17	712	41.15
North Dakota.....	30	867	50.21	2	1,079	63.46	34	845	49.27	66	863	50.16
South Dakota.....	--	--	--	--	--	--	5	822	47.84	5	822	47.84
South Atlantic.....	1,874	847	49.09	2,196	820	47.81	539	818	47.63	4,608	830	48.27
Delaware.....	54	--	--	192	820	47.77	--	--	--	246	820	47.77
District of Columbia.....	118	--	--	--	--	--	--	--	--	118	--	--
Florida.....	660	860	49.54	465	862	49.89	23	815	46.92	1,148	859	49.60
Georgia.....	156	890	51.77	19	1,139	66.26	143	845	49.13	318	877	50.99
Maryland.....	276	--	--	78	--	--	--	--	--	354	--	--
North Carolina.....	305	833	48.43	75	760	44.29	29	842	48.90	409	831	48.35
South Carolina.....	188	798	46.24	9	--	--	67	810	46.94	265	801	46.43
Virginia.....	2	--	--	1,044	773	45.25	192	772	45.06	1,238	773	45.21
West Virginia.....	112	852	49.91	315	857	49.98	85	878	51.20	513	860	50.18
East South Central.....	385	817	48.00	438	718	42.25	306	815	48.12	1,129	779	45.87
Alabama.....	160	768	45.47	2	681	40.64	156	784	46.62	318	777	46.11
Kentucky.....	60	870	50.96	136	926	54.27	38	879	51.53	234	898	52.60
Mississippi.....	*	652	38.38	299	661	38.92	44	784	46.00	343	677	39.83
Tennessee.....	165	829	48.55	--	--	--	68	873	51.03	233	842	49.27
West South Central.....	35	658	38.84	382	698	41.09	146	736	42.97	563	713	41.84
Arkansas.....	--	--	--	77	731	43.01	7	710	41.91	85	729	42.92
Louisiana.....	35	658	38.84	34	652	39.00	11	732	42.90	79	670	39.79
Oklahoma.....	--	--	--	2	776	45.25	9	736	42.85	11	745	43.36
Texas.....	--	--	--	269	682	39.88	119	738	43.05	388	717	41.84
Mountain.....	84	962	55.72	268	906	52.23	69	928	51.70	420	923	52.73
Arizona.....	--	--	--	86	817	46.28	27	1,047	55.07	113	885	48.39
Colorado.....	7	1,213	62.32	2	985	56.04	4	1,149	60.78	14	1,158	60.87
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	52	948	56.15	--	--	--	--	--	--	52	948	56.15
Nevada.....	--	--	--	--	--	--	24	742	43.09	24	742	43.09
New Mexico.....	--	--	--	61	959	54.80	--	--	--	61	959	54.80
Utah.....	--	--	--	48	909	53.25	10	992	58.23	58	924	54.14
Wyoming.....	24	916	53.05	70	961	56.44	3	948	55.63	97	950	55.58
Pacific Contiguous.....	--	--	--	125	918	54.78	52	892	52.13	177	897	52.72
California.....	--	--	--	110	--	--	33	926	53.86	143	925	53.86
Oregon.....	--	--	--	15	918	54.78	19	833	49.07	34	870	51.61
Washington.....	--	--	--	*	--	--	--	--	--	*	--	--
Pacific Noncontiguous.....	9	--	--	3	--	--	--	--	--	13	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	9	--	--	3	--	--	--	--	--	13	--	--
U.S. Total.....	3,700	833	48.38	6,776	791	46.11	1,622	779	45.38	12,097	800	46.58

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*").
Notes: • Distillate fuel oil includes all diesel, No. 1, No. 2, and No. 4 fuel oils. • Receipts reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.
Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 7.C. Receipts and Average Delivered Cost of Residual Fuel Oil by Type of Purchase, Census Division and State: Total (All Sectors), 2005

Census Division and State	Contract			Spot			Unclassified/Other			Total		
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost	
		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)
New England.....	1,373	--	--	19,662	561	36.53	63	577	37.09	21,098	561	36.55
Connecticut.....	221	--	--	4,992	--	--	--	--	--	5,213	--	--
Maine.....	674	--	--	2,027	--	--	--	--	--	2,701	--	--
Massachusetts.....	478	--	--	10,463	718	45.71	19	699	43.51	10,960	713	45.19
New Hampshire.....	--	--	--	2,180	556	36.28	45	529	34.40	2,225	556	36.24
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	21,370	709	45.04	21,894	487	30.58	314	657	41.53	43,578	671	42.51
New Jersey.....	4	947	59.76	391	468	29.52	3	814	51.55	398	475	30.00
New York.....	21,366	709	45.03	14,836	490	30.74	310	655	41.42	36,513	675	42.80
Pennsylvania.....	--	--	--	6,667	--	--	--	--	--	6,667	--	--
East North Central.....	32	--	--	1,232	683	43.45	1	461	29.21	1,265	683	43.44
Illinois.....	32	--	--	--	--	--	--	--	--	32	--	--
Indiana.....	--	--	--	54	--	--	--	--	--	54	--	--
Michigan.....	--	--	--	1,177	683	43.45	1	461	29.21	1,178	683	43.44
Ohio.....	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--	--	--	--
West North Central.....	--	--	--	1,378	537	35.64	31	510	32.52	1,409	537	35.57
Iowa.....	--	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	1,378	537	35.64	2	561	37.23	1,380	537	35.64
Minnesota.....	--	--	--	--	--	--	29	507	32.26	29	507	32.26
Missouri.....	--	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	12,292	627	40.45	40,258	707	45.06	9,079	667	42.60	61,629	685	43.78
Delaware.....	--	--	--	1,245	711	45.22	79	732	46.64	1,323	718	45.72
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	9,875	627	40.45	28,611	707	45.04	7,273	684	43.75	45,758	685	43.82
Georgia.....	715	--	--	125	838	52.46	53	543	34.40	893	749	47.07
Maryland.....	1,127	--	--	3,888	--	--	--	--	--	5,015	--	--
North Carolina.....	204	--	--	--	--	--	--	--	--	204	--	--
South Carolina.....	--	--	--	307	--	--	128	683	43.56	435	683	43.56
Virginia.....	349	--	--	6,074	705	44.99	1,546	583	37.19	7,969	680	43.40
West Virginia.....	22	--	--	9	1,196	48.98	--	--	--	32	1,196	48.98
East South Central.....	42	1,222	47.22	2,342	633	41.49	102	806	51.81	2,485	643	41.96
Alabama.....	25	--	--	--	--	--	--	--	--	25	--	--
Kentucky.....	17	1,222	47.22	--	--	--	--	--	--	17	1,222	47.22
Mississippi.....	--	--	--	2,342	633	41.49	102	806	51.81	2,443	640	41.92
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--	--
West South Central.....	323	562	36.90	3,692	707	45.85	270	570	37.12	4,285	682	44.33
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	323	562	36.90	3,238	707	45.85	266	566	36.91	3,827	682	44.32
Oklahoma.....	--	--	--	--	--	--	3	835	53.21	3	835	53.21
Texas.....	--	--	--	454	--	--	1	691	43.55	455	691	43.55
Mountain.....	--	--	--	12	1,193	45.86	12	503	31.99	24	770	39.09
Arizona.....	--	--	--	--	--	--	*	826	52.61	*	826	52.61
Colorado.....	--	--	--	8	1,255	48.23	--	--	--	8	1,255	48.23
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	4	1,084	41.67	--	--	--	4	1,084	41.67
Nevada.....	--	--	--	--	--	--	11	502	31.94	11	502	31.94
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous.....	--	--	--	--	--	--	1	559	35.54	1	559	35.54
California.....	--	--	--	--	--	--	1	559	35.54	1	559	35.54
Oregon.....	--	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous.....	2,169	--	--	--	--	--	--	--	--	2,169	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	2,169	--	--	--	--	--	--	--	--	2,169	--	--
U.S. Total.....	37,600	674	43.12	90,470	676	43.25	9,873	664	42.43	137,942	674	43.11

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*").
Notes: • Residual fuel oil for Form EIA-423 data includes No. 5 and No. 6 fuel oils and bunker C fuel oil. Residual fuel oil for FERC Form 423 data includes No. 5 and No. 6 fuel oils, bunker C fuel oil, jet fuel, and kerosene. • Receipts reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.
Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 7.D. Receipts and Average Delivered Cost of Residual Fuel Oil by Type of Purchase, Census Division and State: Total (All Sectors), 2004

Census Division and State	Contract			Spot			Unclassified/Other			Total		
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost	
		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)		(cents per million Btu)	(\$ per bbl)
New England	1,370	--	--	18,890	395	25.47	33	431	27.48	20,294	396	25.50
Connecticut.....	44	--	--	3,025	--	--	--	--	--	3,069	--	--
Maine.....	523	--	--	1,460	--	--	--	--	--	1,983	--	--
Massachusetts.....	803	--	--	11,406	456	29.05	14	479	30.02	12,223	459	29.19
New Hampshire.....	--	--	--	3,000	393	25.38	19	397	25.61	3,019	393	25.38
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	18,479	448	28.46	19,386	388	24.58	3,524	446	27.98	41,389	445	28.18
New Jersey.....	1	553	34.86	405	325	20.58	356	360	22.54	761	342	21.52
New York.....	18,478	448	28.46	12,945	471	29.82	3,168	455	28.60	34,591	450	28.52
Pennsylvania.....	--	--	--	6,037	--	--	--	--	--	6,037	--	--
East North Central	74	--	--	1,801	455	28.98	20	485	31.15	1,895	455	29.03
Illinois.....	74	--	--	661	--	--	--	--	--	734	--	--
Indiana.....	--	--	--	34	--	--	1	531	33.43	35	531	33.43
Michigan.....	--	--	--	1,106	455	28.98	19	482	31.00	1,125	455	29.02
Ohio.....	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	1,375	388	25.72	134	407	26.92	1,509	389	25.83
Iowa.....	--	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	1,375	388	25.72	124	402	26.67	1,499	389	25.80
Minnesota.....	--	--	--	--	--	--	10	470	29.94	10	470	29.94
Missouri.....	--	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	15,995	477	30.53	21,977	469	29.91	24,140	455	29.25	62,113	465	29.78
Delaware.....	--	--	--	854	528	33.53	--	--	--	854	528	33.53
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	13,961	477	30.53	12,700	465	29.67	19,618	452	29.10	46,279	463	29.69
Georgia.....	172	--	--	210	450	28.19	4	429	26.50	387	449	28.09
Maryland.....	1,224	--	--	337	--	--	--	--	--	1,561	--	--
North Carolina.....	198	--	--	--	--	--	--	--	--	198	--	--
South Carolina.....	--	--	--	435	--	--	34	507	32.25	469	507	32.25
Virginia.....	381	--	--	7,441	473	30.19	4,484	468	29.85	12,306	471	30.06
West Virginia.....	58	--	--	--	--	--	--	--	--	58	--	--
East South Central	--	--	--	4,566	452	29.75	183	436	28.62	4,750	451	29.70
Alabama.....	--	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	4,566	452	29.75	183	436	28.62	4,750	451	29.70
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	235	575	37.86	3,321	470	30.75	408	491	30.98	3,964	480	31.29
Arkansas.....	--	--	--	--	--	--	1	472	30.05	1	472	30.05
Louisiana.....	235	575	37.86	2,893	470	30.75	391	492	30.99	3,519	480	31.29
Oklahoma.....	--	--	--	--	--	--	10	475	30.27	10	475	30.27
Texas.....	--	--	--	428	--	--	6	492	31.37	434	491	31.37
Mountain	--	--	--	--	--	--	256	447	28.38	256	447	28.38
Arizona.....	--	--	--	--	--	--	8	458	29.21	8	458	29.21
Colorado.....	--	--	--	--	--	--	*	474	30.21	*	474	30.21
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	247	447	28.35	247	447	28.35
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--	--	--	--	--	--
California.....	--	--	--	--	--	--	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	1,974	--	--	--	--	--	--	--	--	1,974	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	1,974	--	--	--	--	--	--	--	--	1,974	--	--
U.S. Total	38,127	465	29.66	71,317	454	29.21	28,699	454	29.09	138,143	457	29.30

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*").
Notes: • Residual fuel oil for Form EIA-423 data includes No. 5 and No. 6 fuel oils and bunker C fuel oil. Residual fuel oil for FERC Form 423 data includes No. 5 and No. 6 fuel oils, bunker C fuel oil, jet fuel, and kerosene. • Receipts reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.
Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 8. Receipts of Petroleum Coke for Electric Generation by Census Division and State: Total (All Sectors), 2005 and 2004

Census Division and State	2005		2004	
	Thousand Tons	Thousand Barrels	Thousand Tons	Thousand Barrels
New England	--	--	--	--
Connecticut.....	--	--	--	--
Maine.....	--	--	--	--
Massachusetts.....	--	--	--	--
New Hampshire.....	--	--	--	--
Rhode Island.....	--	--	--	--
Vermont.....	--	--	--	--
Middle Atlantic	574	2,872	738	3,688
New Jersey.....	--	--	--	--
New York.....	356	1,780	398	1,992
Pennsylvania.....	218	1,092	339	1,695
East North Central	467	2,337	526	2,630
Illinois.....	17	85	74	368
Indiana.....	4	20	96	479
Michigan.....	69	345	55	275
Ohio.....	--	--	--	--
Wisconsin.....	377	1,887	302	1,508
West North Central	249	1,247	320	1,598
Iowa.....	2	11	14	68
Kansas.....	23	116	3	15
Minnesota.....	224	1,120	241	1,204
Missouri.....	--	--	62	311
Nebraska.....	--	--	--	--
North Dakota.....	--	--	--	--
South Dakota.....	--	--	--	--
South Atlantic	3,412	17,061	3,415	17,074
Delaware.....	--	--	--	--
District of Columbia.....	--	--	--	--
Florida.....	3,038	15,191	2,870	14,352
Georgia.....	314	1,570	300	1,502
Maryland.....	--	--	--	--
North Carolina.....	--	--	--	--
South Carolina.....	55	275	244	1,220
Virginia.....	--	--	--	--
West Virginia.....	5	25	--	--
East South Central	1,363	6,816	592	2,961
Alabama.....	--	--	--	--
Kentucky.....	1,363	6,816	592	2,961
Mississippi.....	--	--	--	--
Tennessee.....	--	--	--	--
West South Central	1,235	6,176	1,203	6,013
Arkansas.....	--	--	--	--
Louisiana.....	701	3,503	677	3,385
Oklahoma.....	--	--	--	--
Texas.....	535	2,673	526	2,628
Mountain	--	--	--	--
Arizona.....	--	--	--	--
Colorado.....	--	--	--	--
Idaho.....	--	--	--	--
Montana.....	--	--	--	--
Nevada.....	--	--	--	--
New Mexico.....	--	--	--	--
Utah.....	--	--	--	--
Wyoming.....	--	--	--	--
Pacific Contiguous	201	1,003	174	871
California.....	201	1,003	174	871
Oregon.....	--	--	--	--
Washington.....	--	--	--	--
Pacific Noncontiguous	--	--	--	--
Alaska.....	--	--	--	--
Hawaii.....	--	--	--	--
U.S. Total	7,502	37,512	6,967	34,834

Notes: • As stated in the EIA Glossary (<http://www.eia.doe.gov/cneaf/electricity/page/glossary.html>), in order to convert petroleum coke to liquid petroleum equivalent the quantity conversion is 5 barrels (of 42 U.S. gallons per barrel) per short ton (2,000 pounds). Coke from petroleum has a heating value of 6.024 million Btu per barrel. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 9. Average Delivered Cost of Petroleum Coke by Census Division and State: Total (All Sectors), 2005 and 2004

Census Division and State	2005		2004		Percent Change 2004-2005 (cents per million Btu)	Percent Change 2004-2005 (dollars per ton)
	(cents per million Btu)	(dollars per ton)	(cents per million Btu)	(dollars per ton)		
New England	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--
Middle Atlantic	121	32.92	105	28.49	15.01	15.55
New Jersey.....	--	--	--	--	--	--
New York.....	W	W	121	33.70	W	W
Pennsylvania.....	W	W	86	22.37	W	W
East North Central	W	W	W	W	W	W
Illinois.....	93	26.61	113	31.99	-18.35	-16.82
Indiana.....	120	33.97	95	26.47	26.64	28.33
Michigan.....	W	W	W	W	W	W
Ohio.....	--	--	--	--	--	--
Wisconsin.....	W	W	W	W	W	W
West North Central	50	14.05	50	14.29	-0.7	-1.65
Iowa.....	124	34.97	87	24.40	43.13	43.32
Kansas.....	110	31.85	93	26.55	19.02	19.96
Minnesota.....	43	12.00	43	12.13	.05	-1.07
Missouri.....	--	--	68	19.85	--	--
Nebraska.....	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--
South Atlantic	W	W	W	W	W	W
Delaware.....	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--
Florida.....	140	39.64	94	26.46	50.16	49.81
Georgia.....	W	W	W	W	W	W
Maryland.....	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--
South Carolina.....	101	28.64	84	23.55	21.40	21.61
Virginia.....	--	--	--	--	--	--
West Virginia.....	W	W	--	--	--	--
East South Central	W	W	65	17.93	W	W
Alabama.....	--	--	--	--	--	--
Kentucky.....	W	W	65	17.93	W	W
Mississippi.....	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--
West South Central	72	20.98	W	W	W	W
Arkansas.....	--	--	--	--	--	--
Louisiana.....	W	W	W	W	W	W
Oklahoma.....	--	--	--	--	--	--
Texas.....	W	W	W	W	W	W
Mountain	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--
Pacific Contiguous	W	W	148	42.14	W	W
California.....	W	W	148	42.14	W	W
Oregon.....	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--
U.S. Total	111	31.35	83	23.48	33.44	33.52

W = Withheld to avoid disclosure of individual company data.

Notes: • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10.A. Receipts and Average Delivered Cost of Petroleum Coke by Type of Purchase, Census Division and State: Total (All Sectors), 2005

Census Division and State	Contract			Spot			Unclassified/Other			Total		
	Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost	
		(cents per million Btu)	(\$ per ton)		(cents per million Btu)	(\$ per ton)		(cents per million Btu)	(\$ per ton)		(cents per million Btu)	(\$ per ton)
New England	--	--	--	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	458	--	--	117	--	--	--	--	--	574	121	32.92
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--	--
New York.....	307	--	--	49	--	--	--	--	--	356	W	W
Pennsylvania.....	151	--	--	68	--	--	--	--	--	218	W	W
East North Central	304	70	19.75	132	87	24.73	31	84	23.88	467	W	W
Illinois.....	17	92	26.58	--	--	--	*	110	30.98	17	93	26.61
Indiana.....	--	--	--	--	--	--	4	120	33.97	4	120	33.97
Michigan.....	--	--	--	69	121	33.84	--	--	--	69	W	W
Ohio.....	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	287	68	18.94	63	70	20.00	27	79	22.37	377	W	W
West North Central	224	43	12.00	25	112	32.12	--	--	--	249	50	14.05
Iowa.....	--	--	--	2	124	34.97	--	--	--	2	124	34.97
Kansas.....	--	--	--	23	110	31.85	--	--	--	23	110	31.85
Minnesota.....	224	43	12.00	--	--	--	--	--	--	224	43	12.00
Missouri.....	--	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	204	141	39.64	3,014	140	39.52	194	135	38.15	3,412	W	W
Delaware.....	--	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	106	141	39.64	2,793	140	39.52	139	148	41.92	3,038	140	39.64
Georgia.....	98	--	--	216	--	--	--	--	--	314	W	W
Maryland.....	--	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	55	101	28.64	55	101	28.64
Virginia.....	--	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	5	145	36.35	--	--	--	5	W	W
East South Central	1,279	--	--	84	--	--	--	--	--	1,363	W	W
Alabama.....	--	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	1,279	--	--	84	--	--	--	--	--	1,363	W	W
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	1,186	--	--	45	--	--	4	98	27.87	1,235	72	20.98
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	701	--	--	--	--	--	--	--	--	701	W	W
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--	--
Texas.....	486	--	--	45	--	--	4	98	27.87	535	W	W
Mountain	--	--	--	--	--	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	117	--	--	83	--	--	--	--	--	201	W	W
California.....	117	--	--	83	--	--	--	--	--	201	W	W
Oregon.....	--	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	3,773	73	20.51	3,500	138	38.97	230	127	36.02	7,502	111	31.35

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "**".)

W = Withheld to avoid disclosure of individual company data.

Notes: • Receipts and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for contract, spot, and unclassified/other purchase types reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10.B. Receipts and Average Delivered Cost of Petroleum Coke by Type of Purchase, Census Division and State: Total (All Sectors), 2004

Census Division and State	Contract			Spot			Unclassified/Other			Total		
	Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost		Receipts (1,000 tons)	Cost	
		(cents per million Btu)	(\$ per ton)		(cents per million Btu)	(\$ per ton)		(cents per million Btu)	(\$ per ton)		(cents per million Btu)	(\$ per ton)
New England	--	--	--	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	394	--	--	344	--	--	--	--	--	738	105	28.49
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--	--
New York.....	279	--	--	119	--	--	--	--	--	398	121	33.70
Pennsylvania.....	114	--	--	225	--	--	--	--	--	339	86	22.37
East North Central	302	103	28.87	173	80	22.27	51	83	23.71	526	W	W
Illinois.....	74	113	31.99	--	--	--	--	--	--	74	113	31.99
Indiana.....	96	95	26.47	--	--	--	--	--	--	96	95	26.47
Michigan.....	--	--	--	55	104	28.77	--	--	--	55	W	W
Ohio.....	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	132	--	--	118	71	19.82	51	83	23.71	302	W	W
West North Central	275	46	13.12	24	78	22.91	21	71	19.96	320	50	14.29
Iowa.....	--	--	--	3	108	30.39	11	81	22.68	14	87	24.40
Kansas.....	--	--	--	3	93	26.55	--	--	--	3	93	26.55
Minnesota.....	236	43	12.13	--	--	--	5	43	12.13	241	43	12.13
Missouri.....	40	65	19.00	18	71	21.01	5	80	22.63	62	68	19.85
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	265	133	37.15	2,204	91	25.82	946	91	25.52	3,415	W	W
Delaware.....	--	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	138	133	37.15	2,031	91	25.82	702	93	26.20	2,870	94	26.46
Georgia.....	127	--	--	173	--	--	--	--	--	300	W	W
Maryland.....	--	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	244	84	23.55	244	84	23.55
Virginia.....	--	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--	--
East South Central	372	--	--	221	--	--	--	--	--	592	65	17.93
Alabama.....	--	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	372	--	--	221	--	--	--	--	--	592	65	17.93
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	1,203	--	--	--	--	--	--	--	--	1,203	W	W
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	677	--	--	--	--	--	--	--	--	677	W	W
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--	--
Texas.....	526	--	--	--	--	--	--	--	--	526	W	W
Mountain	--	--	--	--	--	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	120	--	--	54	--	--	--	--	--	174	148	42.14
California.....	120	--	--	54	--	--	--	--	--	174	148	42.14
Oregon.....	--	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	2,930	83	23.39	3,019	90	25.53	1,018	90	25.31	6,967	83	23.48

W = Withheld to avoid disclosure of individual company data.

Notes: • Receipts and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for contract, spot, and unclassified/other purchase types reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11.A. Receipts and Average Delivered Cost of Petroleum Liquids and Petroleum Coke by Type, Census Division and State: Total (All Sectors), 2005

Census Division and State	Distillate Fuel Oil ¹			Residual Fuel Oil ²			Total Petroleum liquids ³			Petroleum Coke		
	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per million Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per million Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per million Btu)	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)
New England.....	1,050	138,379	1,175	21,098	149,850	561	22,251	149,233	730	--	--	--
Connecticut.....	108	137,074	--	5,213	148,602	--	5,384	148,190	836	--	--	--
Maine.....	68	138,779	--	2,701	153,131	--	2,769	152,776	W	--	--	--
Massachusetts.....	690	138,621	1,167	10,960	148,536	713	11,690	147,900	709	--	--	--
New Hampshire.....	174	138,145	1,240	2,225	155,267	556	2,399	154,024	W	--	--	--
Rhode Island.....	4	135,160	--	--	--	--	4	135,160	W	--	--	--
Vermont.....	6	138,098	1,314	--	--	--	6	138,098	1,314	--	--	--
Middle Atlantic.....	2,468	138,592	849	43,578	150,276	671	47,047	149,120	773	574	13,608	121
New Jersey.....	446	139,569	605	398	150,283	475	1,480	134,802	985	--	--	--
New York.....	716	138,190	1,118	36,513	150,050	675	37,583	149,645	W	356	14,015	W
Pennsylvania.....	1,307	138,479	1,232	6,667	151,512	--	7,984	149,305	W	218	12,945	W
East North Central.....	2,145	138,202	1,163	1,265	151,297	683	3,410	143,058	W	467	14,142	W
Illinois.....	646	137,438	1,272	32	138,095	--	678	137,469	1,434	17	14,374	93
Indiana.....	300	137,621	881	54	150,907	--	354	139,657	W	4	14,166	120
Michigan.....	402	139,429	1,178	1,178	151,676	683	1,580	148,560	W	69	13,930	W
Ohio.....	680	138,193	1,278	--	--	--	680	138,193	1,291	--	--	--
Wisconsin.....	118	139,740	1,219	--	--	--	118	139,740	W	377	14,171	W
West North Central.....	615	138,800	1,191	1,409	157,870	537	2,024	152,074	W	249	13,993	50
Iowa.....	186	139,490	1,131	--	--	--	186	139,490	1,131	2	14,100	124
Kansas.....	109	138,329	1,297	1,380	158,005	537	1,489	156,562	586	23	14,427	110
Minnesota.....	120	139,138	1,062	29	151,462	507	149	141,533	W	224	13,947	43
Missouri.....	97	137,693	1,236	--	--	--	97	137,693	1,236	--	--	--
Nebraska.....	36	138,119	1,343	--	--	--	36	138,119	1,343	--	--	--
North Dakota.....	60	139,014	1,244	--	--	--	60	139,014	1,244	--	--	--
South Dakota.....	7	139,083	1,245	--	--	--	7	139,083	1,245	--	--	--
South Atlantic.....	7,777	139,262	1,160	61,629	152,006	685	69,666	150,525	W	3,412	14,144	W
Delaware.....	316	138,167	1,298	1,323	151,190	718	1,852	147,248	863	--	--	--
District of Columbia.....	563	142,143	--	--	--	--	563	142,143	W	--	--	--
Florida.....	1,627	138,136	1,298	45,758	152,186	685	47,388	151,700	706	3,038	14,115	140
Georgia.....	320	139,107	1,252	893	150,219	749	1,213	147,288	W	314	14,454	W
Maryland.....	1,281	138,645	--	5,015	151,098	--	6,342	148,498	788	--	--	--
North Carolina.....	416	138,490	1,173	204	151,810	--	619	142,869	W	--	--	--
South Carolina.....	244	138,060	1,281	435	151,805	683	679	146,857	W	55	14,110	101
Virginia.....	2,369	139,090	1,031	7,969	151,969	680	10,338	149,019	761	--	--	--
West Virginia.....	640	143,038	1,243	32	134,529	1,196	672	142,636	W	5	12,157	W
East South Central.....	1,031	139,213	1,170	2,485	155,453	643	3,516	150,691	W	1,363	13,923	W
Alabama.....	408	140,155	1,180	25	155,000	--	433	141,012	W	--	--	--
Kentucky.....	210	139,410	1,245	17	92,000	1,222	226	135,900	W	1,363	13,923	W
Mississippi.....	137	140,267	875	2,443	155,893	640	2,580	155,064	651	--	--	--
Tennessee.....	277	137,160	1,262	--	--	--	277	137,160	1,262	--	--	--
West South Central.....	799	139,849	1,074	4,285	153,848	682	5,084	151,647	719	1,235	14,480	72
Arkansas.....	88	140,450	1,001	--	--	--	88	140,450	1,001	--	--	--
Louisiana.....	245	142,474	1,102	3,827	154,307	682	4,072	153,595	W	701	14,643	W
Oklahoma.....	33	139,688	1,235	3	151,645	835	36	140,674	1,199	--	--	--
Texas.....	433	138,252	1,045	455	150,000	691	888	144,271	W	535	14,265	W
Mountain.....	365	138,350	1,360	24	120,796	770	396	136,428	W	--	--	--
Arizona.....	90	140,907	1,403	*	151,636	826	90	140,912	1,403	--	--	--
Colorado.....	26	124,705	1,878	8	91,500	1,255	34	117,200	1,768	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	27	140,981	1,327	4	91,500	1,084	39	126,095	W	--	--	--
Nevada.....	39	138,940	1,145	11	151,455	502	51	141,760	990	--	--	--
New Mexico.....	61	136,252	1,350	--	--	--	61	136,252	W	--	--	--
Utah.....	52	139,752	1,291	--	--	--	52	139,752	1,291	--	--	--
Wyoming.....	69	139,638	1,317	--	--	--	69	139,638	1,317	--	--	--
Pacific Contiguous.....	254	139,152	1,092	1	151,371	559	881	126,060	W	201	14,182	W
California.....	179	138,586	991	1	151,371	559	586	120,124	W	201	14,182	W
Oregon.....	58	139,760	1,217	--	--	--	58	139,760	1,217	--	--	--
Washington.....	18	142,855	--	--	--	--	238	137,340	W	--	--	--
Pacific Noncontiguous.....	73	134,903	1,026	2,169	141,174	--	2,945	135,093	W	--	--	--
Alaska.....	*	138,800	1,026	--	--	--	*	138,800	1,026	--	--	--
Hawaii.....	73	134,900	--	2,169	141,174	--	2,945	135,093	W	--	--	--
U.S. Total.....	16,579	138,936	1,156	137,942	151,126	674	157,221	149,360	759	7,502	14,114	111

¹ Distillate fuel oil includes all diesel, No. 1, No. 2, and No. 4 fuel oils.

² Residual fuel oil includes No. 5 and No. 6 fuel oils and bunker C fuel oil.

³ Also includes jet fuel, kerosene, and waste oil.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*").

W = Withheld to avoid disclosure of individual company data.

Notes: • Receipts, heat value, and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for distillate and residual fuel oil reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11.B. Receipts and Average Delivered Cost of Petroleum Liquids and Petroleum Coke by Type, Census Division and State: Total (All Sectors), 2004

Census Division and State	Distillate Fuel Oil ¹			Residual Fuel Oil ²			Total Petroleum liquids ³			Petroleum Coke		
	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per million Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per million Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per million Btu)	Receipts (1,000 tons)	Heat Value (Btu per pound)	Cost (cents per million Btu)
New England.....	1,100	137,899	643	20,294	150,224	396	21,459	149,533	W	--	--	--
Connecticut.....	98	138,681	--	3,069	148,145	--	3,210	147,602	568	--	--	--
Maine.....	31	137,719	--	1,983	152,057	--	2,026	151,731	504	--	--	--
Massachusetts.....	855	138,331	633	12,223	149,621	459	13,087	148,871	450	--	--	--
New Hampshire.....	108	133,624	827	3,019	153,571	393	3,127	152,883	W	--	--	--
Rhode Island.....	8	140,562	--	--	--	--	8	140,562	W	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	2,167	137,916	750	41,389	150,440	445	44,356	149,231	511	738	13,541	105
New Jersey.....	395	138,729	743	761	149,952	342	1,684	135,095	602	--	--	--
New York.....	685	137,252	899	34,591	150,312	450	35,538	149,919	504	398	13,971	121
Pennsylvania.....	1,087	138,038	842	6,037	151,238	--	7,134	149,140	524	339	13,036	86
East North Central.....	1,424	138,008	778	1,895	151,369	455	3,320	145,635	608	526	14,088	W
Illinois.....	231	137,893	909	734	150,000	--	965	147,107	594	74	14,110	113
Indiana.....	266	137,124	718	35	150,000	531	301	138,636	W	96	13,981	95
Michigan.....	303	138,631	830	1,125	152,305	455	1,429	149,402	W	55	13,829	W
Ohio.....	553	137,986	765	--	--	--	553	137,986	W	--	--	--
Wisconsin.....	71	139,202	724	--	--	--	72	139,193	750	302	14,164	W
West North Central.....	497	138,572	790	1,509	157,957	389	2,006	153,155	W	320	14,223	50
Iowa.....	98	139,250	709	--	--	--	98	139,250	709	14	14,084	87
Kansas.....	74	137,895	885	1,499	158,000	389	1,573	157,050	409	3	14,315	93
Minnesota.....	118	139,405	695	10	151,533	470	128	140,352	W	241	14,111	43
Missouri.....	118	137,924	838	--	--	--	118	137,924	838	62	14,680	68
Nebraska.....	17	136,976	712	--	--	--	17	136,976	712	--	--	--
North Dakota.....	66	138,410	863	--	--	--	66	138,410	863	--	--	--
South Dakota.....	5	138,536	822	--	--	--	5	138,536	822	--	--	--
South Atlantic.....	4,608	138,561	830	62,113	152,387	465	66,983	151,345	490	3,415	14,144	W
Delaware.....	246	138,640	820	854	151,093	528	1,294	146,312	611	--	--	--
District of Columbia.....	118	141,352	--	--	--	--	118	141,352	W	--	--	--
Florida.....	1,148	137,779	859	46,279	152,607	463	47,447	152,224	472	2,870	14,156	94
Georgia.....	318	138,417	877	387	144,733	449	704	141,883	W	300	14,072	W
Maryland.....	354	139,333	--	1,561	151,876	--	1,944	149,417	552	--	--	--
North Carolina.....	409	138,690	831	198	151,683	--	627	141,338	715	--	--	--
South Carolina.....	265	137,860	801	469	151,686	507	734	146,700	W	244	14,092	84
Virginia.....	1,238	138,724	773	12,306	151,969	471	13,544	150,757	497	--	--	--
West Virginia.....	513	139,052	860	58	157,540	--	571	140,943	785	--	--	--
East South Central.....	1,129	140,616	779	4,750	156,757	451	5,878	153,657	W	592	13,793	65
Alabama.....	318	142,757	777	--	--	--	318	142,757	W	--	--	--
Kentucky.....	234	139,626	898	--	--	--	234	139,626	W	592	13,793	65
Mississippi.....	343	140,164	677	4,750	156,757	451	5,093	155,638	465	--	--	--
Tennessee.....	233	139,357	842	--	--	--	233	139,357	842	--	--	--
West South Central.....	563	139,161	713	3,964	154,437	480	4,527	152,536	W	1,203	14,473	W
Arkansas.....	85	140,214	729	1	151,452	472	85	140,321	726	--	--	--
Louisiana.....	79	140,852	670	3,519	154,921	480	3,598	154,610	W	677	14,668	W
Oklahoma.....	11	138,671	745	10	151,862	475	21	145,071	609	--	--	--
Texas.....	388	138,600	717	434	150,576	491	822	144,924	W	526	14,221	W
Mountain.....	420	136,746	923	256	151,079	447	691	141,657	W	--	--	--
Arizona.....	113	132,552	885	8	151,910	458	132	133,595	W	--	--	--
Colorado.....	14	125,519	1,158	*	151,824	474	14	126,438	1,129	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	52	140,986	948	--	--	--	57	137,064	W	--	--	--
Nevada.....	24	138,286	742	247	151,050	447	271	149,914	473	--	--	--
New Mexico.....	61	136,007	959	--	--	--	61	136,007	W	--	--	--
Utah.....	58	139,512	924	--	--	--	58	139,512	924	--	--	--
Wyoming.....	97	139,338	950	--	--	--	97	139,338	950	--	--	--
Pacific Contiguous.....	177	138,931	897	--	--	--	614	135,601	W	174	14,278	148
California.....	143	138,424	925	--	--	--	250	129,936	837	174	14,278	148
Oregon.....	34	141,074	870	--	--	--	34	141,074	870	--	--	--
Washington.....	*	139,524	--	--	--	--	330	139,331	W	--	--	--
Pacific Noncontiguous.....	13	131,557	--	1,974	140,686	--	1,987	140,629	W	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	13	131,557	--	1,974	140,686	--	1,987	140,629	W	--	--	--
U.S. Total.....	12,097	138,476	800	138,143	151,571	457	151,821	150,248	500	6,967	14,110	83

¹ Distillate fuel oil includes all diesel, No. 1, No. 2, and No. 4 fuel oils.

² Residual fuel oil includes No. 5 and No. 6 fuel oils and bunker C fuel oil.

³ Also includes jet fuel, kerosene, and waste oil.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*").

W = Withheld to avoid disclosure of individual company data.

Notes: • Receipts, heat value, and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for distillate and residual fuel oil reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Receipts of Natural Gas for Electric Generation by Census Division and State: Total (All Sectors), 2005 and 2004
(Thousand Mcf)

Census Division and State	2005	2004
New England	401,409	401,705
Connecticut.....	64,271	58,681
Maine.....	61,505	76,481
Massachusetts.....	157,699	169,095
New Hampshire.....	46,059	37,776
Rhode Island.....	71,841	59,672
Vermont.....	33	--
Middle Atlantic	537,897	407,665
New Jersey.....	125,272	86,052
New York.....	313,083	238,512
Pennsylvania.....	99,542	83,101
East North Central	279,459	209,296
Illinois.....	66,569	39,216
Indiana.....	35,692	21,771
Michigan.....	119,523	126,298
Ohio.....	18,540	8,083
Wisconsin.....	39,135	13,926
West North Central	47,375	36,832
Iowa.....	2,317	2,125
Kansas.....	10,509	8,112
Minnesota.....	13,095	9,769
Missouri.....	20,629	16,326
Nebraska.....	825	497
North Dakota.....	*	3
South Dakota.....	--	--
South Atlantic	743,232	633,030
Delaware.....	13,816	14,045
District of Columbia.....	--	--
Florida.....	544,268	501,449
Georgia.....	63,621	41,263
Maryland.....	17,025	7,672
North Carolina.....	8,876	5,173
South Carolina.....	26,312	8,283
Virginia.....	64,121	48,750
West Virginia.....	5,193	6,395
East South Central	222,702	208,415
Alabama.....	107,845	118,651
Kentucky.....	3,254	889
Mississippi.....	110,916	88,140
Tennessee.....	686	735
West South Central	2,608,796	2,460,826
Arkansas.....	40,267	39,618
Louisiana.....	475,496	458,568
Oklahoma.....	236,794	199,401
Texas.....	1,856,239	1,763,239
Mountain	504,774	483,520
Arizona.....	214,310	217,204
Colorado.....	89,947	81,946
Idaho.....	8,998	9,793
Montana.....	36	18
Nevada.....	150,333	135,380
New Mexico.....	38,678	34,805
Utah.....	2,376	4,237
Wyoming.....	97	137
Pacific Contiguous	811,769	872,008
California.....	658,037	719,647
Oregon.....	99,621	99,969
Washington.....	54,112	52,392
Pacific Noncontiguous	33,975	20,758
Alaska.....	33,975	20,758
Hawaii.....	--	--
U.S. Total	6,191,389	5,734,054

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*".)

Notes: • Natural gas, including small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas. • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Average Delivered Cost of Natural Gas by Census Division and State: Total (All Sectors), 2005 and 2004

Census Division and State	2005		2004		Percent Change 2004-2005 (cents per million Btu)	Percent Change 2004-2005 (dollars per Mcf)
	(cents per million Btu)	(dollars per Mcf)	(cents per million Btu)	(dollars per Mcf)		
New England.....	923	9.52	651	6.73	41.91	41.61
Connecticut.....	922	9.31	W	W	W	W
Maine.....	W	W	628	6.55	W	W
Massachusetts.....	931	9.61	639	6.61	45.71	45.39
New Hampshire.....	W	W	W	W	W	W
Rhode Island.....	951	9.68	680	7.04	39.92	37.50
Vermont.....	887	8.93	--	--	--	--
Middle Atlantic.....	935	9.56	676	6.93	38.22	37.91
New Jersey.....	963	9.87	696	7.18	38.37	37.47
New York.....	905	9.23	653	6.66	38.74	38.59
Pennsylvania.....	990	10.23	723	7.47	36.97	36.95
East North Central.....	737	7.49	515	5.23	43.20	43.28
Illinois.....	873	8.90	638	6.46	36.89	37.77
Indiana.....	851	8.66	621	6.28	37.22	37.90
Michigan.....	556	5.64	436	4.44	27.49	27.03
Ohio.....	924	9.51	648	6.70	42.64	41.94
Wisconsin.....	862	8.72	639	6.40	34.85	36.25
West North Central.....	789	8.01	W	W	W	W
Iowa.....	878	8.84	712	7.15	23.23	23.64
Kansas.....	770	7.78	546	5.50	41.10	41.45
Minnesota.....	W	W	W	W	W	W
Missouri.....	W	W	W	W	W	W
Nebraska.....	824	8.16	654	6.51	25.99	25.35
North Dakota.....	954	10.23	778	8.05	22.51	27.08
South Dakota.....	--	--	--	--	--	--
South Atlantic.....	881	9.14	633	6.53	39.29	39.92
Delaware.....	W	W	W	W	W	W
District of Columbia.....	--	--	--	--	--	--
Florida.....	844	8.75	629	6.49	34.11	34.82
Georgia.....	1,057	10.94	665	6.85	58.91	59.71
Maryland.....	991	10.36	553	5.79	79.33	78.93
North Carolina.....	W	W	658	6.82	W	W
South Carolina.....	W	W	W	W	W	W
Virginia.....	934	9.66	665	6.87	40.40	40.61
West Virginia.....	859	8.85	633	6.51	35.76	35.94
East South Central.....	918	9.52	602	6.22	52.51	52.98
Alabama.....	925	9.63	606	6.27	52.61	53.59
Kentucky.....	949	9.73	W	W	W	W
Mississippi.....	911	9.41	594	6.14	53.22	53.26
Tennessee.....	870	8.98	W	W	W	W
West South Central.....	803	8.27	589	6.06	36.27	36.53
Arkansas.....	834	8.59	602	6.19	38.54	38.77
Louisiana.....	879	9.09	633	6.53	38.91	39.20
Oklahoma.....	802	8.26	594	6.13	34.99	34.75
Texas.....	783	8.05	577	5.92	35.67	35.98
Mountain.....	760	7.79	W	W	W	W
Arizona.....	804	8.24	572	5.84	40.52	41.10
Colorado.....	724	7.41	554	5.65	30.73	31.15
Idaho.....	W	W	W	W	W	W
Montana.....	W	W	W	W	W	W
Nevada.....	723	7.46	556	5.76	29.96	29.51
New Mexico.....	W	W	W	W	W	W
Utah.....	W	W	W	W	W	W
Wyoming.....	553	5.79	341	3.62	61.81	59.94
Pacific Contiguous.....	762	7.80	571	5.86	33.33	33.08
California.....	786	8.05	589	6.05	33.34	33.06
Oregon.....	662	6.75	500	5.10	32.41	32.35
Washington.....	649	6.67	457	4.70	42.12	41.91
Pacific Noncontiguous.....	342	3.42	279	2.79	22.58	22.58
Alaska.....	342	3.42	279	2.79	22.58	22.58
Hawaii.....	--	--	--	--	--	--
U.S. Total.....	821	8.45	596	6.12	37.81	38.07

W = Withheld to avoid disclosure of individual company data.

Notes: • Natural gas, including small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas. • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14.A. Receipts and Average Delivered Cost of Natural Gas by Type of Purchase, Census Division and State: Total (All Sectors), 2005

Census Division and State	Firm			Interruptible			Spot		
	Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost	
		(cents per million Btu)	(\$ per Mcf)		(cents per million Btu)	(\$ per Mcf)		(cents per million Btu)	(\$ per Mcf)
New England	153,684	--	--	23,997	905	9.30	223,684	796	8.14
Connecticut.....	20,722	--	--	4,048	--	--	39,502	--	--
Maine.....	44,009	--	--	--	--	--	17,496	--	--
Massachusetts.....	26,787	--	--	1,862	906	9.32	129,022	796	8.14
New Hampshire.....	--	--	--	18,058	--	--	27,988	--	--
Rhode Island.....	62,165	--	--	--	--	--	9,676	--	--
Vermont.....	--	--	--	29	874	8.77	--	--	--
Middle Atlantic	217,345	904	9.17	82,354	913	9.38	230,036	995	10.25
New Jersey.....	45,606	--	--	48,798	--	--	30,864	--	--
New York.....	123,184	904	9.17	31,985	913	9.38	149,755	995	10.25
Pennsylvania.....	48,555	--	--	1,570	--	--	49,417	--	--
East North Central	122,018	793	8.05	48,107	891	9.05	103,203	1,052	10.69
Illinois.....	17,056	--	--	19,814	--	--	28,841	--	--
Indiana.....	11,414	--	--	5,925	853	8.70	16,315	1,036	10.60
Michigan.....	75,520	789	8.01	11,345	886	9.01	31,736	880	8.98
Ohio.....	83	973	10.02	6,774	940	9.59	11,656	1,051	10.76
Wisconsin.....	17,944	--	--	4,250	882	8.89	14,656	1,105	11.18
West North Central	22,170	736	7.54	20,521	813	8.21	4,008	847	8.50
Iowa.....	35	1,032	10.45	990	914	9.27	1,114	823	8.23
Kansas.....	482	687	6.85	9,375	772	7.80	316	897	9.11
Minnesota.....	6,061	857	8.69	5,222	832	8.42	1,792	883	8.83
Missouri.....	15,407	734	7.54	4,585	854	8.57	635	--	--
Nebraska.....	184	802	7.70	348	804	8.06	151	869	8.69
North Dakota.....	--	--	--	*	1,043	11.49	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
South Atlantic	486,108	859	8.92	63,552	1,020	10.58	187,228	910	9.38
Delaware.....	12,489	1,034	10.67	1,319	1,449	14.95	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	427,943	859	8.91	16,246	1,020	10.74	96,070	854	8.78
Georgia.....	10,276	--	--	20,774	1,093	11.29	32,571	1,021	10.62
Maryland.....	5,110	--	--	1,896	--	--	10,019	--	--
North Carolina.....	824	1,061	11.01	1,107	979	10.17	5,862	916	9.46
South Carolina.....	1,779	--	--	13,118	926	9.52	10,171	--	--
Virginia.....	24,750	--	--	7,461	--	--	31,910	971	10.02
West Virginia.....	2,936	--	--	1,631	826	8.26	625	--	--
East South Central	62,805	802	8.34	51,125	924	9.74	108,660	968	10.02
Alabama.....	27,141	803	8.33	50,764	924	9.74	29,940	1,175	12.17
Kentucky.....	--	--	--	--	--	--	3,254	990	10.14
Mississippi.....	35,117	799	8.37	220	--	--	75,466	961	9.95
Tennessee.....	546	--	--	140	--	--	--	--	--
West South Central	1,306,138	818	8.46	85,066	763	7.81	1,191,333	812	8.38
Arkansas.....	24,527	--	--	--	--	--	15,379	1,010	10.28
Louisiana.....	255,051	848	8.94	875	--	--	194,894	897	9.30
Oklahoma.....	125,126	830	8.61	140	789	7.88	111,485	764	7.84
Texas.....	901,434	758	7.72	84,051	763	7.81	869,575	779	8.03
Mountain	203,508	790	8.02	55,090	798	8.17	231,234	779	8.02
Arizona.....	96,003	844	8.62	40,717	811	8.31	64,104	839	8.60
Colorado.....	46,530	738	7.37	91	761	8.05	43,272	--	--
Idaho.....	8,998	--	--	--	--	--	--	--	--
Montana.....	--	--	--	10	854	9.74	26	--	--
Nevada.....	51,481	834	8.69	--	--	--	97,670	770	8.00
New Mexico.....	334	835	8.41	14,272	730	7.48	23,867	777	7.90
Utah.....	80	--	--	--	--	--	2,296	--	--
Wyoming.....	82	482	5.06	--	--	--	--	--	--
Pacific Contiguous	449,796	581	5.85	67,536	657	6.70	293,221	802	8.21
California.....	333,965	602	6.04	56,730	663	6.84	266,137	811	8.31
Oregon.....	76,724	--	--	10,806	655	6.67	12,080	743	7.58
Washington.....	39,107	465	4.77	--	--	--	15,005	759	7.78
Pacific Noncontiguous	33,975	342	3.42	--	--	--	--	--	--
Alaska.....	33,975	342	3.42	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	3,057,545	807	8.32	497,348	876	9.03	2,572,608	838	8.63

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "**").

Notes: • Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas. • Receipts, heat value, and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for firm, interruptible, spot and unclassified/other purchase types reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14.A. Receipts and Average Delivered Cost of Natural Gas by Type of Purchase, Census Division and State: Total (All Sectors), 2005(Continued)

Census Division and State	Unclassified/Other			Total			
	Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Heat Value (Btu per Cubic Foot)	Cost	
		(cents per million Btu)	(\$ per Mcf)			(cents per million Btu)	(\$ per Mcf)
New England.....	45	753	7.78	401,409	1,032	923	9.52
Connecticut.....	--	--	--	64,271	1,010	922	9.31
Maine.....	--	--	--	61,505	1,058	W	W
Massachusetts.....	28	723	7.46	157,699	1,033	931	9.61
New Hampshire.....	14	752	7.82	46,059	1,044	W	W
Rhode Island.....	--	--	--	71,841	1,018	951	9.68
Vermont.....	4	986	10.17	33	1,007	887	8.93
Middle Atlantic.....	8,162	896	9.12	537,897	1,023	935	9.56
New Jersey.....	4	--	--	125,272	1,024	963	9.87
New York.....	8,158	896	9.12	313,083	1,019	905	9.23
Pennsylvania.....	--	--	--	99,542	1,033	990	10.23
East North Central.....	6,131	779	7.89	279,459	1,016	737	7.49
Illinois.....	858	998	10.17	66,569	1,019	873	8.90
Indiana.....	2,037	743	7.54	35,692	1,018	851	8.66
Michigan.....	922	601	6.06	119,523	1,013	556	5.64
Ohio.....	28	1,189	12.27	18,540	1,030	924	9.51
Wisconsin.....	2,286	794	8.03	39,135	1,012	862	8.72
West North Central.....	676	819	8.21	47,375	1,014	789	8.01
Iowa.....	178	988	9.94	2,317	1,007	878	8.84
Kansas.....	336	723	7.27	10,509	1,010	770	7.78
Minnesota.....	20	729	7.34	13,095	1,012	W	W
Missouri.....	2	764	7.81	20,629	1,020	W	W
Nebraska.....	141	852	8.41	825	990	824	8.16
North Dakota.....	*	804	8.26	*	1,073	954	10.23
South Dakota.....	--	--	--	--	--	--	--
South Atlantic.....	6,344	1,023	10.68	743,232	1,037	881	9.14
Delaware.....	7	875	9.10	13,816	1,037	W	W
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	4,010	1,025	10.75	544,268	1,037	844	8.75
Georgia.....	--	--	--	63,621	1,035	1,057	10.94
Maryland.....	--	--	--	17,025	1,046	991	10.36
North Carolina.....	1,082	985	10.23	8,876	1,037	W	W
South Carolina.....	1,244	1,049	10.84	26,312	1,033	W	W
Virginia.....	--	--	--	64,121	1,034	934	9.66
West Virginia.....	--	--	--	5,193	1,029	859	8.85
East South Central.....	112	916	9.47	222,702	1,037	918	9.52
Alabama.....	--	--	--	107,845	1,041	925	9.63
Kentucky.....	--	--	--	3,254	1,026	949	9.73
Mississippi.....	112	916	9.47	110,916	1,034	911	9.41
Tennessee.....	--	--	--	686	1,032	870	8.98
West South Central.....	26,259	902	9.33	2,608,796	1,030	803	8.27
Arkansas.....	361	771	7.91	40,267	1,031	834	8.59
Louisiana.....	24,676	915	9.47	475,496	1,034	879	9.09
Oklahoma.....	43	730	7.52	236,794	1,030	802	8.26
Texas.....	1,179	719	7.39	1,856,239	1,029	783	8.05
Mountain.....	14,943	930	9.53	504,774	1,025	760	7.79
Arizona.....	13,486	929	9.52	214,310	1,025	804	8.24
Colorado.....	55	708	7.25	89,947	1,024	724	7.41
Idaho.....	--	--	--	8,998	1,015	W	W
Montana.....	1	1,155	11.90	36	1,106	W	W
Nevada.....	1,182	950	9.75	150,333	1,033	723	7.46
New Mexico.....	205	962	9.60	38,678	1,002	W	W
Utah.....	--	--	--	2,376	1,047	W	W
Wyoming.....	15	958	9.88	97	1,048	553	5.79
Pacific Contiguous.....	1,216	1,022	10.47	811,769	1,024	762	7.80
California.....	1,206	1,025	10.51	658,037	1,025	786	8.05
Oregon.....	10	640	6.54	99,621	1,021	662	6.75
Washington.....	--	--	--	54,112	1,027	649	6.67
Pacific Noncontiguous.....	--	--	--	33,975	1,000	342	3.42
Alaska.....	--	--	--	33,975	1,000	342	3.42
Hawaii.....	--	--	--	--	--	--	--
U.S. Total.....	63,888	910	9.36	6,191,389	1,028	821	8.45

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "**").

W = Withheld to avoid disclosure of individual company data.

Notes: • Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas. • Receipts, heat value, and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for firm, interruptible, spot and unclassified/other purchase types reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14.B. Receipts and Average Delivered Cost of Natural Gas by Type of Purchase, Census Division and State: Total (All Sectors), 2004

Census Division and State	Firm			Interruptible			Spot		
	Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost	
		(cents per million Btu)	(\$ per Mcf)		(cents per million Btu)	(\$ per Mcf)		(cents per million Btu)	(\$ per Mcf)
New England	203,559	--	--	4,731	673	6.90	193,385	769	7.92
Connecticut.....	23,109	--	--	3,852	--	--	31,720	--	--
Maine.....	58,177	--	--	--	--	--	18,304	--	--
Massachusetts.....	45,336	--	--	879	673	6.90	122,851	769	7.92
New Hampshire.....	17,991	--	--	--	--	--	19,784	--	--
Rhode Island.....	58,946	--	--	--	--	--	726	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic	163,940	--	--	42,878	589	6.05	192,153	705	7.22
New Jersey.....	21,480	--	--	33,914	--	--	30,658	--	--
New York.....	106,536	--	--	8,430	589	6.05	114,852	705	7.22
Pennsylvania.....	35,924	--	--	534	--	--	46,643	--	--
East North Central	103,963	626	6.32	15,949	599	6.07	83,340	708	7.18
Illinois.....	14,725	--	--	4,659	660	6.92	19,832	--	--
Indiana.....	6,987	--	--	2,858	691	7.04	8,785	654	6.62
Michigan.....	77,782	622	6.27	5,159	538	5.47	42,886	798	8.12
Ohio.....	73	700	7.21	992	765	7.87	7,006	825	8.46
Wisconsin.....	4,397	--	--	2,280	645	6.47	4,832	666	6.69
West North Central	15,430	611	6.25	10,705	622	6.27	2,147	668	6.69
Iowa.....	49	810	8.20	883	754	7.58	1,014	681	6.81
Kansas.....	657	589	5.88	3,051	537	5.44	127	558	5.62
Minnesota.....	4,036	644	6.49	4,751	654	6.59	884	675	6.80
Missouri.....	10,542	610	6.28	1,705	608	6.11	122	--	--
Nebraska.....	145	616	6.14	313	675	6.73	--	--	--
North Dakota.....	--	--	--	2	820	8.50	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
South Atlantic	438,799	641	6.62	28,254	684	7.10	144,121	720	7.32
Delaware.....	12,675	631	6.54	1,370	620	6.43	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	389,032	641	6.62	15,140	681	7.08	83,872	760	7.66
Georgia.....	11,282	--	--	5,534	667	6.87	21,070	562	5.81
Maryland.....	4,162	--	--	430	--	--	3,081	--	--
North Carolina.....	887	--	--	646	712	7.37	3,369	--	--
South Carolina.....	2,295	--	--	60	2,683	27.58	3,671	--	--
Virginia.....	13,784	--	--	4,635	--	--	27,786	681	7.01
West Virginia.....	4,683	--	--	440	724	7.27	1,272	--	--
East South Central	51,320	604	6.27	53,905	608	6.37	90,223	600	6.19
Alabama.....	21,470	651	6.75	53,583	608	6.37	37,017	707	7.32
Kentucky.....	--	--	--	--	--	--	889	747	7.64
Mississippi.....	29,380	509	5.31	192	--	--	52,182	595	6.14
Tennessee.....	470	--	--	130	--	--	135	--	--
West South Central	1,297,645	623	6.45	82,548	563	5.78	1,019,718	602	6.21
Arkansas.....	22,791	--	--	--	--	--	16,626	655	6.66
Louisiana.....	259,690	609	6.44	9,863	627	6.43	167,414	644	6.66
Oklahoma.....	123,732	634	6.56	163	603	6.02	71,512	585	6.02
Texas.....	891,433	560	5.72	72,522	531	5.44	764,166	581	5.98
Mountain	218,591	599	6.06	46,058	608	6.20	209,396	587	6.03
Arizona.....	125,134	592	6.02	31,602	616	6.28	59,011	638	6.53
Colorado.....	41,082	546	5.46	124	547	5.84	40,332	--	--
Idaho.....	9,793	--	--	--	--	--	--	--	--
Montana.....	--	--	--	1	982	10.69	11	--	--
Nevada.....	42,025	719	7.45	--	--	--	87,031	603	6.22
New Mexico.....	421	609	6.10	14,331	576	5.89	20,053	580	5.91
Utah.....	--	--	--	--	--	--	2,959	324	3.41
Wyoming.....	137	342	3.62	--	--	--	--	--	--
Pacific Contiguous	474,323	400	4.08	66,248	543	5.55	317,247	607	6.21
California.....	354,857	420	4.20	60,560	583	5.98	291,704	624	6.38
Oregon.....	79,584	--	--	4,306	527	5.38	15,161	524	5.35
Washington.....	39,882	395	4.05	1,382	--	--	10,382	563	5.77
Pacific Noncontiguous	20,758	279	2.79	--	--	--	--	--	--
Alaska.....	20,758	279	2.79	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	2,988,328	617	6.36	351,277	607	6.25	2,251,730	618	6.35

Notes: • Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas. • Receipts, heat value, and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for firm, interruptible, spot and unclassified/other purchase types reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14.B. Receipts and Average Delivered Cost of Natural Gas by Type of Purchase, Census Division and State: Total (All Sectors), 2004(Continued)

Census Division and State	Unclassified/Other			Total			
	Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Heat Value (Btu per Cubic Foot)	Cost	
		(cents per million Btu)	(\$ per Mcf)			(cents per million Btu)	(\$ per Mcf)
New England.....	29	593	6.15	401,705	1,034	651	6.73
Connecticut.....	--	--	--	58,681	1,008	W	W
Maine.....	--	--	--	76,481	1,044	628	6.55
Massachusetts.....	28	590	6.11	169,095	1,035	639	6.61
New Hampshire.....	1	680	7.11	37,776	1,045	W	W
Rhode Island.....	--	--	--	59,672	1,036	680	7.04
Vermont.....	--	--	--	--	--	--	--
Middle Atlantic.....	8,694	633	6.47	407,665	1,025	676	6.93
New Jersey.....	--	--	--	86,052	1,031	696	7.18
New York.....	8,694	633	6.47	238,512	1,021	653	6.66
Pennsylvania.....	--	--	--	83,101	1,033	723	7.47
East North Central.....	6,043	620	6.26	209,296	1,016	515	5.23
Illinois.....	--	--	--	39,216	1,013	638	6.46
Indiana.....	3,142	641	6.50	21,771	1,011	621	6.28
Michigan.....	471	442	4.51	126,298	1,018	436	4.44
Ohio.....	13	707	7.28	8,083	1,034	648	6.70
Wisconsin.....	2,417	627	6.29	13,926	1,002	639	6.40
West North Central.....	8,550	554	5.59	36,832	1,011	W	W
Iowa.....	178	660	6.61	2,125	1,003	712	7.15
Kansas.....	4,277	545	5.48	8,112	1,008	546	5.50
Minnesota.....	99	667	6.74	9,769	1,008	W	W
Missouri.....	3,956	554	5.63	16,326	1,016	W	W
Nebraska.....	39	629	6.16	497	995	654	6.51
North Dakota.....	1	653	6.70	3	1,034	778	8.05
South Dakota.....	--	--	--	--	--	--	--
South Atlantic.....	21,856	626	6.46	633,030	1,032	633	6.53
Delaware.....	--	--	--	14,045	1,036	W	W
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	13,405	626	6.46	501,449	1,032	629	6.49
Georgia.....	3,377	704	7.26	41,263	1,031	665	6.85
Maryland.....	--	--	--	7,672	1,048	553	5.79
North Carolina.....	270	638	6.60	5,173	1,036	658	6.82
South Carolina.....	2,258	451	4.66	8,283	1,035	W	W
Virginia.....	2,546	679	7.02	48,750	1,032	665	6.87
West Virginia.....	--	--	--	6,395	1,028	633	6.51
East South Central.....	12,967	605	6.24	208,415	1,034	602	6.22
Alabama.....	6,580	580	5.97	118,651	1,035	606	6.27
Kentucky.....	--	--	--	889	1,017	W	W
Mississippi.....	6,387	630	6.51	88,140	1,033	594	6.14
Tennessee.....	--	--	--	735	1,035	W	W
West South Central.....	60,915	603	6.20	2,460,826	1,027	589	6.06
Arkansas.....	201	602	6.18	39,618	1,029	602	6.19
Louisiana.....	21,601	641	6.61	458,568	1,031	633	6.53
Oklahoma.....	3,995	623	6.43	199,401	1,031	594	6.13
Texas.....	35,119	577	5.92	1,763,239	1,026	577	5.92
Mountain.....	9,474	568	5.87	483,520	1,024	W	W
Arizona.....	1,458	568	5.79	217,204	1,021	572	5.84
Colorado.....	408	531	5.40	81,946	1,021	554	5.65
Idaho.....	--	--	--	9,793	1,024	W	W
Montana.....	7	682	7.53	18	1,095	W	W
Nevada.....	6,324	568	5.89	135,380	1,036	556	5.76
New Mexico.....	--	--	--	34,805	1,000	W	W
Utah.....	1,278	579	6.02	4,237	1,049	W	W
Wyoming.....	--	--	--	137	1,060	341	3.62
Pacific Contiguous.....	14,190	573	5.87	872,008	1,027	571	5.86
California.....	12,527	587	6.02	719,647	1,027	589	6.05
Oregon.....	918	488	4.98	99,969	1,021	500	5.10
Washington.....	745	431	4.43	52,392	1,029	457	4.70
Pacific Noncontiguous.....	--	--	--	20,758	1,000	279	2.79
Alaska.....	--	--	--	20,758	1,000	279	2.79
Hawaii.....	--	--	--	--	--	--	--
U.S. Total.....	142,719	601	6.17	5,734,054	1,027	596	6.12

W = Withheld to avoid disclosure of individual company data.

Notes: • Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values do not include blast furnace gas or other gas. • Receipts, heat value, and total average delivered cost of fuel reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost for firm, interruptible, spot and unclassified/other purchase types reflect data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Origin and Destination of Coal

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2005

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Alabama	36,143	10,950	.97	.88	8.62	W	W
Alabama	10,366	12,638	1.56	1.24	13.52	183	46.19
Colorado	2,251	11,372	.57	.50	9.55	180	40.96
Illinois	1,638	11,613	.93	.80	6.85	248	57.56
Indiana	362	11,493	.79	.69	5.45	243	55.76
Kentucky	3,225	11,593	2.56	2.21	11.13	173	40.01
West Virginia	251	12,100	.76	.63	11.81	281	67.92
Wyoming	11,598	8,716	.26	.30	4.94	138	24.07
Imported	5,332	11,521	.55	.48	5.61	210	48.35
Unclassified	1,120	11,653	1.13	.97	9.69	189	44.04
Arizona	20,744	10,088	.57	.56	11.71	W	W
Arizona	8,247	10,863	.54	.49	9.63	127	27.56
Colorado	1,120	10,631	.41	.39	7.65	157	33.47
Montana	363	9,355	.32	.35	4.12	147	27.55
New Mexico	8,906	9,635	.66	.68	15.70	150	28.85
Wyoming	1,796	8,700	.42	.48	5.43	142	24.63
Unclassified	312	9,443	.63	.67	12.00	146	27.50
Arkansas	13,683	8,745	.27	.31	4.75	146	25.56
Colorado	86	10,292	.35	.34	6.79	296	60.99
Wyoming	13,597	8,735	.27	.31	4.74	145	25.34
California	1,630	12,027	.79	.65	10.64	W	W
Colorado	3	12,220	.62	.51	7.60	--	--
New Mexico	56	9,699	.75	.78	13.00	--	--
Utah	1,567	12,114	.79	.65	10.56	--	--
Imported	4	10,490	.24	.23	10.70	--	--
Colorado	18,318	9,876	.39	.40	7.69	106	20.89
Colorado	11,343	10,632	.47	.45	9.46	115	24.37
Wyoming	6,971	8,647	.26	.30	4.81	88	15.22
Unclassified	5	9,537	.32	.34	6.00	99	18.86
Connecticut	1,925	10,139	.44	.43	4.44	W	W
West Virginia	548	12,055	1.31	1.09	13.03	--	--
Imported	1,377	9,376	.09	.10	1.01	--	--
Delaware	2,274	12,222	.67	.55	9.57	W	W
Colorado	369	12,026	.45	.38	8.26	--	--
Kentucky	214	12,666	.73	.57	9.03	--	--
Pennsylvania	56	12,806	1.22	.95	8.71	--	--
Virginia	352	12,705	.75	.59	11.79	--	--
West Virginia	1,057	12,706	.76	.60	10.37	--	--
Wyoming	215	8,833	.26	.29	5.10	--	--
Imported	10	11,625	.68	.58	7.90	--	--
Florida	33,132	12,227	1.38	1.13	8.81	231	56.56
Colorado	125	11,226	.60	.54	10.91	213	47.87
Illinois	4,415	11,851	2.37	2.00	7.59	180	42.62
Indiana	81	11,289	3.17	2.81	10.31	191	43.16
Kentucky	14,543	12,481	1.44	1.15	9.67	233	58.10
Ohio	394	12,341	3.95	3.20	9.92	249	61.57
Virginia	75	12,571	.69	.55	10.51	351	88.34
West Virginia	2,210	12,531	1.07	.85	11.31	278	69.77
Imported	7,474	11,887	.62	.52	6.90	233	55.48
Unclassified	3,815	12,216	1.43	1.17	8.95	232	56.77
Georgia	38,557	11,058	.81	.73	8.83	218	48.15
Alabama	760	12,240	1.71	1.40	12.48	193	47.20
Colorado	479	12,113	.44	.36	8.23	277	67.16
Illinois	672	11,984	1.11	.92	7.40	210	50.28
Kentucky	14,544	12,327	1.13	.91	11.16	228	56.04
Tennessee	726	12,691	1.36	1.07	8.97	262	66.60
Virginia	5,288	12,560	1.05	.84	11.78	227	57.05
West Virginia	740	12,300	.94	.76	11.71	292	71.75
Wyoming	13,647	8,727	.31	.36	5.16	168	29.35
Imported	1,699	11,811	.60	.51	6.85	324	76.64
Unclassified	3	12,371	1.05	.85	11.18	227	56.21
Hawaii	706	10,975	.55	.51	4.76	W	W
Imported	706	10,975	.55	.51	4.76	--	--
Illinois	56,674	9,015	.62	.69	5.67	119	21.46
Colorado	200	9,067	.22	.24	4.86	--	--

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2005
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Illinois (Continued)							
Illinois.....	8,101	10,442	2.52	2.41	9.62	132	27.20
Indiana.....	440	10,796	1.85	1.72	7.96	--	--
Kentucky.....	312	9,992	2.86	2.87	14.58	118	19.73
West Virginia.....	11	13,600	.87	.64	7.00	--	--
Wyoming.....	42,736	8,748	.28	.32	4.92	98	17.17
Unclassified.....	4,874	8,751	.28	.32	4.94	114	20.03
Indiana.....	58,451	10,756	1.72	1.60	7.81	W	W
Colorado.....	547	12,154	.46	.38	8.02	233	56.73
Illinois.....	5,481	11,350	2.22	1.96	7.92	151	34.20
Indiana.....	24,432	11,174	2.35	2.10	8.80	124	27.82
Kentucky.....	1,146	11,968	1.47	1.23	11.06	230	55.09
Montana.....	1,619	9,386	.33	.35	4.13	168	31.49
Ohio.....	679	12,419	3.75	3.02	9.30	194	48.17
Pennsylvania.....	1,309	12,991	2.19	1.68	8.31	175	45.49
Virginia.....	18	13,789	.93	.67	5.40	171	47.13
West Virginia.....	3,679	12,543	1.87	1.49	9.92	179	44.97
Wyoming.....	14,349	8,795	.27	.30	5.12	126	22.19
Unclassified.....	5,191	11,532	2.41	2.09	9.03	146	33.70
Iowa.....	19,125	8,668	.42	.48	5.19	W	W
Colorado.....	211	11,387	.44	.39	7.12	230	52.35
Illinois.....	717	10,753	2.46	2.29	8.74	159	35.72
Montana.....	12	9,450	.27	.29	4.10	182	34.36
Utah.....	40	11,312	.36	.32	8.72	177	40.05
Wyoming.....	17,848	8,534	.33	.38	5.00	92	15.67
Unclassified.....	297	9,397	.98	1.04	6.37	118	22.14
Kansas.....	20,472	8,569	.44	.51	5.34	112	19.22
Illinois.....	10	11,239	3.06	2.72	9.23	278	62.53
Missouri.....	379	10,980	3.67	3.35	15.52	154	33.84
Wyoming.....	20,030	8,522	.38	.44	5.14	111	18.92
Unclassified.....	54	8,495	.37	.44	5.20	113	19.17
Kentucky.....	41,495	11,620	2.21	1.90	11.12	W	W
Colorado.....	3,340	11,921	.58	.49	9.22	157	37.37
Illinois.....	619	11,788	2.27	1.92	9.02	163	38.47
Indiana.....	1,318	10,926	2.39	2.18	9.46	138	30.13
Kentucky.....	25,863	11,583	2.60	2.24	11.52	149	34.88
Ohio.....	1,052	11,250	3.79	3.37	14.47	131	29.55
Pennsylvania.....	349	13,075	2.12	1.62	7.91	166	43.41
Tennessee.....	208	12,503	1.70	1.36	9.60	235	58.81
Utah.....	12	11,800	.61	.52	9.00	248	58.41
Virginia.....	8	11,282	3.08	2.73	17.90	114	25.61
West Virginia.....	7,104	12,151	1.61	1.32	11.68	172	41.70
Wyoming.....	1,188	8,817	.32	.37	5.44	133	23.37
Unclassified.....	434	11,710	2.32	1.98	11.29	155	36.29
Louisiana.....	15,081	8,136	.54	.67	7.30	W	W
Illinois.....	13	9,994	2.47	2.47	11.10	--	--
Kentucky.....	38	12,500	.99	.79	10.00	--	--
Louisiana.....	4,098	6,892	1.12	1.62	13.07	146	20.15
Wyoming.....	10,905	8,575	.32	.38	5.12	167	29.07
Imported.....	26	12,547	.65	.51	5.62	386	96.94
Maine.....	257	12,823	.78	.61	7.64	W	W
Kentucky.....	12	12,900	1.22	.95	8.10	--	--
Imported.....	245	12,819	.76	.60	7.62	--	--
Maryland.....	11,744	12,638	1.32	1.05	10.34	192	48.42
Kentucky.....	61	12,965	.77	.60	8.42	--	--
Maryland.....	3,513	12,510	1.78	1.42	10.47	--	--
Pennsylvania.....	1,532	12,995	1.73	1.33	8.18	--	--
Virginia.....	58	12,792	.96	.75	10.71	--	--
West Virginia.....	6,579	12,618	.99	.79	10.78	--	--
Massachusetts.....	5,032	11,728	.50	.42	6.37	W	W
Colorado.....	852	11,990	.45	.38	8.03	311	75.56
Indiana.....	20	12,796	.72	.56	7.20	--	--
Montana.....	42	10,665	.56	.53	6.90	345	73.67
West Virginia.....	89	12,819	.72	.56	7.30	--	--
Imported.....	3,952	11,655	.50	.43	5.99	302	69.48
Unclassified.....	77	11,656	.48	.41	6.25	299	69.73

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2005
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Michigan	36,304	10,021	.56	.56	6.08	158	31.69
Colorado.....	711	11,920	.56	.47	8.22	215	51.24
Illinois.....	57	10,705	1.12	1.04	7.85	213	45.73
Indiana.....	13	10,703	.67	.63	5.44	--	--
Kentucky.....	4,771	12,791	1.17	.92	8.38	222	56.70
Montana.....	8,898	9,355	.36	.39	4.70	118	22.03
Ohio.....	281	11,941	3.15	2.64	10.67	198	47.33
Pennsylvania.....	699	12,881	1.71	1.32	7.45	190	49.05
Utah.....	44	12,145	.79	.65	8.13	277	67.84
West Virginia.....	3,114	12,681	1.23	.97	10.20	229	58.14
Wyoming.....	16,807	8,830	.26	.30	5.14	124	21.87
Unclassified.....	910	10,464	.69	.66	6.46	160	32.30
Minnesota	20,089	8,909	.44	.50	6.57	W	W
Illinois.....	80	12,150	1.05	.86	6.60	257	62.36
Indiana.....	61	10,872	.87	.80	8.40	280	60.84
Montana.....	12,083	8,913	.55	.61	7.64	105	18.66
Wyoming.....	7,837	8,844	.27	.31	4.89	116	20.47
Unclassified.....	28	11,956	1.50	1.26	10.45	176	42.16
Mississippi	10,145	8,993	.57	.63	10.94	W	W
Colorado.....	2,245	11,478	.50	.44	9.78	213	48.85
Illinois.....	77	11,996	1.64	1.37	8.01	263	63.21
Kentucky.....	843	12,420	1.35	1.09	12.05	281	69.72
Mississippi.....	3,603	5,096	.46	.91	15.58	--	--
Virginia.....	374	12,547	1.09	.87	11.50	294	73.75
Wyoming.....	1,157	8,816	.21	.23	4.65	185	32.53
Imported.....	1,846	11,275	.57	.51	6.70	213	48.09
Missouri	43,656	8,854	.37	.42	5.18	W	W
Colorado.....	37	12,118	.49	.41	8.33	190	46.04
Illinois.....	1,131	11,579	2.73	2.36	7.45	179	41.88
Indiana.....	23	11,681	.83	.71	4.80	301	70.20
Kansas.....	132	11,845	3.50	2.96	12.67	146	34.60
Kentucky.....	37	13,343	1.37	1.03	7.26	352	94.04
Missouri.....	162	10,499	3.12	2.98	14.52	154	32.35
Utah.....	317	12,144	1.03	.85	9.13	229	55.54
Wyoming.....	41,574	8,728	.28	.32	5.02	96	16.75
Unclassified.....	242	9,180	.62	.67	5.61	118	21.72
Montana	11,419	8,447	.66	.78	9.14	W	W
Montana.....	10,746	8,456	.68	.81	9.41	69	11.62
Wyoming.....	650	8,375	.23	.28	4.49	--	--
Unclassified.....	22	6,581	1.03	1.56	14.25	110	14.43
Nebraska	12,614	8,570	.31	.36	4.88	71	12.16
Wyoming.....	12,221	8,571	.31	.36	4.89	71	12.15
Unclassified.....	394	8,560	.28	.33	4.70	73	12.44
Nevada	8,473	11,176	.53	.47	10.04	154	34.44
Arizona.....	4,561	10,997	.50	.45	9.91	157	34.56
Colorado.....	147	11,899	.54	.45	9.10	173	41.13
Utah.....	2,865	11,754	.60	.51	10.45	140	32.85
Wyoming.....	507	9,454	.42	.45	9.16	144	27.31
Unclassified.....	393	10,976	.50	.46	10.00	234	51.28
New Hampshire	1,747	13,087	1.32	1.01	7.16	244	63.78
Pennsylvania.....	621	13,141	1.80	1.37	7.55	235	61.69
Virginia.....	144	13,973	.67	.48	4.91	235	65.74
West Virginia.....	264	13,160	2.28	1.73	7.66	246	64.66
Imported.....	718	12,836	.68	.53	7.10	253	64.87
New Jersey	4,620	12,644	1.14	.91	9.56	218	55.14
Ohio.....	29	12,913	2.35	1.82	7.77	240	62.09
Pennsylvania.....	872	12,928	1.78	1.38	7.49	--	--
West Virginia.....	3,653	12,594	.99	.79	10.12	250	65.76
Wyoming.....	22	8,845	.25	.29	4.85	227	40.17
Imported.....	37	12,937	.71	.55	6.74	439	113.62
Unclassified.....	7	12,673	1.19	.94	9.65	223	56.45
New Mexico	16,997	9,173	.79	.86	20.73	151	27.68
New Mexico.....	15,078	9,198	.78	.85	20.79	153	28.21
Unclassified.....	1,920	8,979	.82	.91	20.29	131	23.57
New York	9,566	11,832	1.40	1.19	7.40	213	50.50

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2005
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
New York (Continued)							
Colorado	23	12,209	.48	.40	7.76	--	--
Illinois	50	11,031	3.26	2.96	8.20	--	--
Kentucky	36	12,775	.61	.48	8.82	--	--
Ohio	134	12,788	4.44	3.47	7.87	--	--
Pennsylvania	2,343	12,790	2.04	1.59	8.77	224	58.25
Virginia	142	13,302	.72	.54	6.64	--	--
West Virginia	3,680	12,748	1.78	1.40	7.95	199	51.85
Wyoming	2,263	8,815	.28	.32	5.21	--	--
Imported	889	12,807	.64	.50	6.98	--	--
Unclassified	6	12,979	1.59	1.23	8.00	232	60.30
North Carolina	32,514	12,309	.88	.71	11.60	240	58.96
Kentucky	10,764	12,457	.99	.79	10.51	247	61.20
Virginia	1,978	12,307	.96	.78	11.69	245	60.19
West Virginia	19,124	12,225	.81	.67	12.39	235	57.36
Wyoming	50	8,834	.18	.21	4.70	316	55.81
Imported	588	12,611	.64	.51	6.03	269	67.81
Unclassified	10	12,265	.89	.73	11.80	252	61.91
North Dakota	25,388	6,686	.69	1.04	9.35	82	10.99
Montana	1,024	9,216	.38	.42	5.93	101	18.59
North Dakota	23,899	6,552	.71	1.09	9.57	81	10.57
Wyoming	465	7,991	.38	.48	5.62	98	15.62
Ohio	44,660	12,097	2.16	1.79	10.73	154	37.33
Colorado	369	10,884	.42	.39	7.53	229	49.76
Illinois	370	12,156	2.71	2.23	8.52	170	41.25
Indiana	291	10,793	1.71	1.58	13.76	226	48.83
Kentucky	8,544	11,684	.89	.76	13.62	196	45.72
Montana	16	9,100	.32	.35	4.27	250	44.52
Ohio	18,588	12,284	3.33	2.71	9.41	125	30.76
Pennsylvania	2,956	12,901	2.02	1.56	8.33	131	33.78
Virginia	109	13,707	.76	.56	5.65	155	42.36
West Virginia	11,231	12,099	1.38	1.14	11.93	168	40.66
Wyoming	636	8,835	.20	.23	4.53	141	24.94
Unclassified	1,551	12,350	2.36	1.91	10.05	150	36.97
Oklahoma	21,517	8,765	.41	.47	5.89	W	W
Arkansas	41	9,663	1.55	1.60	27.93	--	--
Colorado	115	12,010	.43	.35	6.90	--	--
Oklahoma	879	10,856	2.67	2.46	23.05	--	--
Wyoming	20,483	8,655	.31	.36	5.10	101	17.55
Oregon	2,273	8,356	.32	.39	4.94	128	21.33
Wyoming	2,273	8,356	.32	.39	4.94	128	21.33
Pennsylvania	45,046	11,741	1.94	1.65	14.92	159	37.37
Kentucky	250	11,606	.83	.71	9.50	--	--
Montana	42	9,282	.35	.38	4.32	--	--
Ohio	460	12,477	3.26	2.61	9.26	--	--
Pennsylvania	29,663	11,277	1.86	1.65	17.56	153	39.30
Virginia	10	12,600	1.19	.94	11.70	--	--
West Virginia	4,660	12,835	2.04	1.59	8.80	149	38.43
Wyoming	215	8,802	.33	.38	5.82	198	35.01
Imported	250	12,998	.86	.66	6.23	--	--
Unclassified	9,496	12,662	2.18	1.72	10.58	--	--
South Carolina	16,291	12,617	1.24	.99	9.84	W	W
Kentucky	12,059	12,575	1.16	.93	9.81	218	54.91
Pennsylvania	1,370	13,166	2.04	1.55	8.31	173	45.56
Tennessee	683	12,920	1.26	.98	8.52	269	69.64
Virginia	41	12,799	1.20	.94	10.43	291	74.43
West Virginia	1,386	12,284	.94	.76	12.12	224	54.95
Unclassified	752	12,633	1.62	1.28	10.06	188	47.61
South Dakota	1,738	8,711	.31	.35	5.41	142	24.82
Wyoming	1,738	8,711	.31	.35	5.41	142	24.82
Tennessee	37,521	10,993	1.09	1.00	8.31	W	W
Colorado	3,614	11,923	.61	.51	9.21	150	35.81
Illinois	5,753	12,184	2.35	1.93	8.51	123	29.95
Kentucky	9,149	11,922	1.69	1.41	10.00	172	40.82
Montana	700	9,368	.35	.37	5.14	128	24.00
Pennsylvania	356	13,000	2.60	2.00	8.53	208	54.08

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2005
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Tennessee (Continued)							
Tennessee	71	12,533	.80	.64	9.88	171	42.66
Utah	796	12,058	.86	.71	10.29	161	38.80
Virginia	3,016	12,559	.88	.70	10.23	238	58.73
West Virginia	2,047	12,162	.70	.58	12.57	195	47.39
Wyoming	8,981	8,791	.32	.37	5.45	122	21.53
Unclassified	3,036	8,827	.34	.39	5.62	123	21.69
Texas	97,836	7,611	.74	.97	10.30	129	19.63
Colorado	999	10,336	.33	.32	6.48	--	--
Texas	45,796	6,531	1.21	1.85	16.27	131	15.79
Wyoming	50,858	8,515	.32	.38	5.03	133	22.86
Imported	184	11,716	.65	.56	6.01	383	85.38
Utah	17,402	10,786	.52	.48	13.29	W	W
Colorado	2,142	9,660	.46	.47	11.75	163	31.42
Utah	14,626	11,019	.53	.48	13.74	106	23.68
Wyoming	634	9,233	.54	.59	8.24	132	24.43
Virginia	15,061	12,650	1.00	.79	10.46	233	58.93
Kentucky	6,592	12,681	1.09	.86	9.68	234	58.93
Maryland	53	11,981	1.00	.83	10.40	258	61.70
Virginia	6,501	12,644	.97	.76	11.28	215	54.12
West Virginia	1,914	12,580	.76	.60	10.34	258	64.54
Unclassified	1	12,661	1.00	.79	10.69	229	58.02
Washington	6,499	8,131	.75	.92	13.28	W	W
Montana	1,214	9,350	.34	.36	4.30	--	--
Washington	5,285	7,851	.84	1.07	15.34	--	--
West Virginia	37,931	11,976	1.78	1.49	12.44	W	W
Kentucky	1,420	11,999	.96	.80	11.55	196	46.98
Maryland	4,253	11,835	1.92	1.63	16.23	142	33.57
Ohio	3,644	12,402	4.16	3.35	9.01	116	28.79
Pennsylvania	4,462	12,787	1.70	1.33	8.59	135	34.44
Virginia	198	12,895	1.59	1.24	9.69	204	52.53
West Virginia	22,704	11,939	1.52	1.28	13.54	164	39.62
Wyoming	1,250	8,838	.22	.25	4.68	159	28.19
Wisconsin	23,686	9,088	.38	.42	5.34	W	W
Colorado	1,070	12,002	.48	.40	8.65	199	48.27
Illinois	42	11,915	1.15	.96	7.45	280	66.55
Indiana	210	10,845	1.36	1.26	8.29	206	44.78
Kentucky	168	12,234	2.13	1.74	8.84	304	78.09
Montana	702	9,384	.31	.34	4.04	135	25.33
Pennsylvania	40	12,990	2.26	1.74	8.22	295	76.74
Utah	855	12,444	1.16	.93	9.05	163	40.69
West Virginia	268	13,121	2.24	1.71	8.16	290	74.77
Wyoming	20,270	8,672	.29	.34	4.95	115	19.91
Unclassified	60	8,672	.29	.34	5.00	110	19.01
Wyoming	25,000	8,814	.49	.56	6.99	95	16.71
Wyoming	25,000	8,814	.49	.56	6.99	95	16.71
Total	1,021,437	10,107	.98	.97	9.02	154	31.20

W = Withheld to avoid disclosure of individual company data.

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal. • Receipts, heat value, sulfur, ash and average delivered cost of fuel at the destination reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel at the origin reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2004

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Alabama	33,805	10,878	.84	.77	8.45	W	W
Alabama	10,027	12,114	1.17	.97	12.33	165	40.04
Colorado	343	11,379	.57	.50	9.97	157	35.70
Illinois	2,555	11,834	1.25	1.05	9.12	161	38.14
Indiana	97	11,489	.82	.72	5.38	203	46.58
Kentucky	676	11,682	3.36	2.88	12.57	125	29.24
Tennessee	5	12,500	1.03	.82	11.00	198	49.50
Wyoming	11,009	8,796	.25	.28	5.00	125	21.99
Imported	3,994	11,562	.52	.45	5.19	157	36.28
Unclassified	5,098	11,771	1.22	1.04	9.89	158	37.28
Arizona	20,315	10,211	.57	.56	12.45	W	W
Arizona	8,389	10,899	.51	.47	9.38	116	25.33
Colorado	981	10,684	.42	.39	7.43	152	32.58
Montana	71	9,348	.34	.37	3.94	132	24.66
New Mexico	10,081	9,681	.65	.67	15.85	137	26.41
Wyoming	466	8,714	.42	.49	5.53	133	23.13
Unclassified	328	9,842	.56	.57	13.58	141	27.77
Arkansas	14,606	8,761	.28	.33	4.86	123	21.49
Wyoming	13,914	8,761	.28	.32	4.85	122	21.45
Unclassified	691	8,768	.30	.34	4.92	127	22.19
California	1,338	12,205	.75	.62	9.22	188	45.90
Colorado	31	12,230	.84	.69	8.85	--	--
Oklahoma	1	11,800	.48	.41	9.00	--	--
Utah	1,306	12,205	.75	.61	9.23	--	--
Colorado	18,834	9,824	.38	.39	7.31	97	19.09
Colorado	10,845	10,588	.45	.43	8.96	106	22.45
Wyoming	7,458	8,674	.27	.31	4.73	81	14.09
Unclassified	531	10,377	.46	.45	9.83	100	20.65
Connecticut	1,922	10,423	.54	.52	5.19	W	W
West Virginia	697	12,273	1.32	1.08	12.39	--	--
Imported	1,225	9,371	.09	.10	1.09	--	--
Delaware	2,148	12,530	.84	.67	9.39	W	W
Kentucky	648	12,633	.70	.55	8.47	--	--
Pennsylvania	525	12,730	1.22	.96	8.95	--	--
Virginia	21	12,504	.52	.42	12.90	--	--
West Virginia	869	12,705	.77	.61	10.65	--	--
Wyoming	85	8,731	.32	.37	5.28	--	--
Florida	32,284	12,249	1.44	1.18	8.30	192	46.92
Colorado	56	12,005	.83	.69	8.81	163	39.22
Illinois	4,340	11,800	2.10	1.78	7.42	171	40.39
Indiana	80	11,162	.80	.71	9.40	230	51.26
Kentucky	7,637	12,509	1.69	1.35	9.14	185	46.21
Ohio	352	12,626	4.46	3.54	8.71	146	36.78
Pennsylvania	281	13,007	2.47	1.90	8.28	211	54.97
Virginia	19	12,916	.99	.77	10.24	195	50.41
West Virginia	2,020	12,529	1.09	.87	10.62	208	53.29
Wyoming	26	8,939	.21	.23	4.20	171	30.57
Imported	5,614	12,028	.60	.50	6.61	193	46.46
Unclassified	11,859	12,287	1.39	1.13	8.47	194	47.73
Georgia	37,453	11,024	.78	.71	8.49	180	39.73
Alabama	911	12,174	1.68	1.38	12.32	178	43.28
Colorado	12	12,204	.47	.39	7.50	212	51.72
Illinois	668	12,012	1.18	.98	6.79	188	45.10
Kentucky	14,423	12,376	1.04	.84	10.48	185	45.83
Tennessee	437	12,775	1.13	.89	8.62	192	49.14
Virginia	5,122	12,620	1.04	.82	11.41	187	47.07
West Virginia	681	12,296	.91	.74	11.58	238	58.63
Wyoming	10,690	8,785	.32	.37	5.11	162	28.54
Imported	490	12,570	.86	.69	8.50	164	41.38
Unclassified	4,018	9,074	.37	.40	5.45	166	30.15
Hawaii	647	11,097	.49	.44	4.74	W	W
Imported	647	11,097	.49	.44	4.74	--	--
Illinois	59,694	9,120	.65	.71	5.74	115	20.96
Colorado	1,158	11,942	.41	.34	7.61	176	41.99
Illinois	8,077	10,533	2.29	2.17	8.70	138	29.04

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2004
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Illinois (Continued)							
Indiana.....	490	10,842	1.76	1.62	9.18	--	--
Kentucky.....	81	11,090	2.60	2.35	11.98	113	18.48
Montana.....	85	8,825	.38	.43	5.24	--	--
Oklahoma.....	6	12,602	.90	.71	7.45	--	--
Wyoming.....	47,677	8,761	.33	.38	5.08	95	16.49
Unclassified.....	2,120	9,796	1.27	1.29	7.28	126	24.71
Indiana.....	54,098	10,601	1.53	1.45	7.43	W	W
Colorado.....	602	12,122	.44	.37	8.24	183	44.34
Illinois.....	5,091	11,157	2.08	1.86	8.50	129	28.70
Indiana.....	26,685	11,182	2.19	1.96	8.57	114	25.39
Kentucky.....	445	12,030	1.88	1.57	9.73	176	42.36
Montana.....	1,794	9,539	.34	.36	4.03	149	27.55
Ohio.....	254	11,652	2.74	2.35	10.66	154	35.79
Pennsylvania.....	416	12,809	2.37	1.85	9.11	139	35.58
Virginia.....	251	13,694	.79	.58	6.32	168	46.09
West Virginia.....	2,804	12,483	1.89	1.51	9.87	139	34.78
Wyoming.....	14,131	8,856	.22	.25	4.69	120	21.29
Unclassified.....	1,624	10,258	1.24	1.21	6.85	124	25.37
Iowa.....	19,805	8,665	.44	.51	5.15	W	W
Colorado.....	166	10,545	1.17	1.11	8.17	122	25.73
Illinois.....	643	10,859	3.21	2.96	9.42	143	32.06
Utah.....	59	11,105	1.42	1.28	9.22	154	34.25
Wyoming.....	14,641	8,545	.32	.38	4.94	89	15.15
Unclassified.....	4,296	8,637	.40	.46	5.05	90	15.53
Kansas.....	20,980	8,626	.44	.51	5.46	103	17.74
Kansas.....	14	11,230	3.70	3.29	14.97	107	24.11
Missouri.....	365	10,797	4.43	4.10	16.27	133	28.80
Montana.....	350	8,979	.33	.37	6.90	109	19.54
Oklahoma.....	20	13,140	3.11	2.37	8.35	126	33.20
Wyoming.....	19,162	8,572	.36	.42	5.22	102	17.55
Unclassified.....	1,067	8,616	.36	.42	5.36	95	16.45
Kentucky.....	37,876	11,550	2.09	1.81	11.45	137	31.57
Colorado.....	3,052	11,763	.61	.52	9.43	149	35.11
Illinois.....	139	11,929	2.62	2.20	8.75	141	33.69
Indiana.....	1,831	11,135	2.94	2.64	9.67	121	27.02
Kansas.....	5	11,815	3.98	3.37	10.90	--	--
Kentucky.....	19,132	11,506	2.47	2.15	12.24	138	31.92
Ohio.....	487	11,686	3.22	2.76	12.70	117	27.42
Pennsylvania.....	243	12,880	2.14	1.67	8.51	137	35.32
Tennessee.....	65	12,269	1.49	1.21	10.31	234	57.37
West Virginia.....	5,091	12,205	1.48	1.22	11.37	144	35.19
Wyoming.....	1,165	8,802	.33	.37	5.47	125	22.03
Unclassified.....	6,666	11,602	2.12	1.82	11.77	140	32.44
Louisiana.....	15,513	8,146	.51	.63	7.19	W	W
Kentucky.....	*	12,500	.89	.71	11.18	--	--
Wyoming.....	11,678	8,584	.34	.40	5.19	133	23.22
Unclassified.....	3,835	6,809	1.03	1.51	13.27	143	19.41
Maine.....	271	12,854	.77	.60	6.67	W	W
Kentucky.....	96	13,013	.95	.73	7.68	--	--
Imported.....	175	12,767	.66	.52	6.11	--	--
Maryland.....	12,818	12,653	1.28	1.01	10.02	174	43.96
Kentucky.....	390	12,745	.84	.66	8.92	--	--
Maryland.....	5,286	12,627	1.58	1.25	9.79	--	--
Pennsylvania.....	655	12,847	1.72	1.34	8.90	--	--
Virginia.....	33	12,712	1.24	.97	10.98	--	--
West Virginia.....	6,110	12,668	1.04	.82	10.45	--	--
Imported.....	344	12,290	.49	.40	9.04	--	--
Massachusetts.....	4,391	11,793	.55	.47	6.31	197	46.43
Colorado.....	142	11,882	.50	.42	6.86	244	57.73
Kentucky.....	46	12,654	.72	.57	8.01	--	--
West Virginia.....	649	12,319	.65	.53	8.90	--	--
Imported.....	3,283	11,663	.54	.46	5.78	206	50.51
Unclassified.....	271	11,917	.55	.47	5.99	184	43.89
Michigan.....	34,948	9,967	.53	.53	5.96	139	27.68
Colorado.....	779	12,079	.65	.54	8.75	180	43.37

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2004
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Michigan (Continued)							
Illinois.....	46	12,025	1.30	1.08	6.19	--	--
Indiana.....	23	11,678	1.67	1.43	7.00	--	--
Kentucky.....	3,368	12,784	1.15	.90	8.05	172	44.00
Montana.....	7,124	9,373	.37	.40	4.67	127	23.76
Ohio.....	218	11,833	3.10	2.62	11.26	175	41.92
Pennsylvania.....	689	12,995	1.53	1.17	7.51	149	38.79
Utah.....	102	12,608	1.30	1.03	8.03	--	--
West Virginia.....	2,806	12,617	1.12	.89	10.48	180	45.27
Wyoming.....	13,795	8,854	.25	.29	5.05	117	20.73
Unclassified.....	5,998	9,654	.45	.47	5.55	131	25.22
Minnesota.....	19,870	8,914	.44	.50	6.47	W	W
Illinois.....	11	12,150	1.05	.86	6.60	181	44.02
Indiana.....	35	10,575	.81	.76	8.74	202	42.77
Montana.....	11,658	8,921	.55	.62	7.50	101	17.92
Wyoming.....	8,034	8,848	.28	.31	4.93	110	19.40
Unclassified.....	132	11,542	1.02	.88	7.78	192	44.21
Mississippi.....	9,624	9,087	.57	.63	11.09	W	W
Colorado.....	2,421	11,775	.53	.45	9.60	163	38.49
Illinois.....	12	11,983	1.06	.88	6.50	298	71.35
Indiana.....	45	11,135	1.56	1.40	9.77	186	41.33
Kentucky.....	984	12,561	1.13	.90	11.33	213	53.44
Mississippi.....	3,572	5,106	.48	.94	15.38	--	--
Wyoming.....	584	8,824	.30	.34	5.43	163	28.81
Imported.....	1,718	11,376	.56	.49	6.78	166	37.69
Unclassified.....	288	10,454	.51	.49	7.28	162	33.95
Missouri.....	44,900	8,838	.38	.43	5.18	W	W
Illinois.....	839	11,557	2.87	2.48	6.95	146	34.22
Kansas.....	53	11,673	3.12	2.67	12.17	147	34.37
Kentucky.....	29	12,302	1.93	1.57	8.34	194	47.74
Missouri.....	205	11,174	2.51	2.24	11.14	158	35.25
Oklahoma.....	14	12,541	3.03	2.42	9.71	133	33.44
Utah.....	365	12,032	.86	.72	10.40	156	37.64
Wyoming.....	41,535	8,738	.31	.35	5.06	90	15.70
Unclassified.....	1,859	8,793	.34	.38	5.08	90	15.89
Montana.....	11,115	8,504	.63	.74	8.70	W	W
Montana.....	10,351	8,512	.66	.77	9.01	63	10.67
Wyoming.....	764	8,400	.24	.28	4.47	--	--
Nebraska.....	12,516	8,574	.32	.38	5.02	66	11.30
Wyoming.....	12,261	8,575	.32	.38	5.02	66	11.30
Unclassified.....	255	8,565	.33	.38	5.01	66	11.34
Nevada.....	8,489	11,118	.54	.49	9.98	136	30.28
Arizona.....	4,652	10,979	.50	.46	10.11	135	29.56
Colorado.....	187	12,030	.67	.55	9.36	144	34.70
Utah.....	1,840	11,449	.65	.56	10.14	139	31.79
Wyoming.....	187	9,487	.42	.45	8.16	129	24.51
Unclassified.....	1,624	11,225	.54	.48	9.73	137	30.79
New Hampshire.....	1,693	13,199	1.16	.88	6.55	202	53.17
Pennsylvania.....	150	12,949	1.87	1.44	7.89	215	55.59
Virginia.....	157	14,049	.68	.48	4.68	198	55.60
West Virginia.....	58	13,155	1.36	1.03	6.93	233	61.41
Imported.....	237	12,979	.92	.71	6.74	221	57.37
Unclassified.....	1,091	13,161	1.18	.90	6.58	194	51.07
New Jersey.....	2,273	12,868	1.58	1.23	8.49	205	52.66
Kentucky.....	41	12,912	.75	.58	7.31	--	--
Pennsylvania.....	933	12,831	1.75	1.36	7.62	317	82.05
West Virginia.....	1,252	12,895	1.50	1.16	9.20	210	58.28
Imported.....	43	12,874	1.28	.99	7.85	207	53.25
Unclassified.....	4	12,666	1.45	1.14	9.40	226	57.20
New Mexico.....	16,632	9,225	.72	.78	20.74	148	27.25
New Mexico.....	16,632	9,225	.72	.78	20.74	148	27.25
New York.....	9,621	12,063	1.66	1.38	7.68	176	42.36
Illinois.....	7	11,005	3.05	2.77	7.80	--	--
Indiana.....	88	11,531	2.23	1.93	6.59	--	--
Kentucky.....	50	12,128	1.81	1.49	12.71	--	--
Ohio.....	154	13,001	4.44	3.42	7.98	--	--

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2004
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
New York (Continued)							
Pennsylvania.....	3,725	12,934	2.16	1.67	8.53	157	40.68
West Virginia.....	2,604	12,934	2.20	1.70	8.66	156	41.42
Wyoming.....	2,006	8,825	.27	.31	5.13	--	--
Imported.....	940	12,972	.63	.49	6.77	--	--
Unclassified.....	47	12,873	1.99	1.55	8.21	173	44.49
North Carolina.....	30,108	12,345	.86	.70	11.12	200	49.38
Indiana.....	7	13,703	.77	.56	8.50	224	61.50
Kentucky.....	10,371	12,449	.98	.78	10.26	202	50.06
Tennessee.....	65	12,241	.97	.79	10.46	271	66.42
Virginia.....	1,867	12,198	.96	.79	12.14	198	48.35
West Virginia.....	14,375	12,292	.78	.64	11.80	196	48.04
Imported.....	609	12,385	.62	.50	6.66	244	60.39
Unclassified.....	2,815	12,324	.87	.70	11.11	204	50.30
North Dakota.....	25,033	6,602	.70	1.06	9.41	77	10.20
Montana.....	348	9,072	.42	.46	6.21	99	17.97
North Dakota.....	22,900	6,553	.70	1.08	9.51	77	10.07
Wyoming.....	223	7,972	.42	.53	5.38	87	13.87
Unclassified.....	1,562	6,576	.70	1.06	9.17	75	9.92
Ohio.....	43,817	12,098	2.25	1.86	10.82	133	32.23
Colorado.....	44	11,547	.51	.44	10.03	175	40.46
Illinois.....	373	12,034	2.03	1.68	8.02	139	33.47
Indiana.....	234	10,908	.55	.51	8.99	172	37.48
Kentucky.....	8,579	11,656	.91	.78	13.49	160	37.19
Ohio.....	19,212	12,252	3.32	2.71	9.26	115	28.18
Pennsylvania.....	1,768	12,900	2.14	1.66	8.45	125	32.19
Virginia.....	143	13,380	1.02	.76	7.93	132	35.27
West Virginia.....	9,286	12,059	1.41	1.17	12.30	143	34.33
Wyoming.....	61	8,784	.29	.33	5.71	144	25.33
Unclassified.....	4,117	12,121	2.25	1.86	10.77	133	32.18
Oklahoma.....	20,386	8,854	.40	.45	5.66	W	W
Arkansas.....	18	9,418	1.38	1.47	26.43	--	--
Colorado.....	93	12,000	.49	.41	9.16	--	--
Oklahoma.....	921	11,669	2.44	2.09	17.23	--	--
Wyoming.....	19,355	8,705	.30	.34	5.07	101	17.61
Oregon.....	2,251	8,402	.33	.39	4.91	118	19.91
Wyoming.....	2,251	8,402	.33	.39	4.91	118	19.91
Pennsylvania.....	43,008	11,615	2.00	1.72	15.55	137	31.85
Colorado.....	32	11,114	.45	.41	8.05	--	--
Indiana.....	161	10,945	.40	.37	7.92	--	--
Kentucky.....	102	12,603	1.26	1.00	8.90	--	--
Ohio.....	558	12,499	2.84	2.27	9.15	--	--
Pennsylvania.....	26,522	11,177	2.02	1.81	18.06	123	31.79
Utah.....	12	12,428	.59	.47	7.69	--	--
Virginia.....	21	12,550	2.20	1.75	11.10	--	--
West Virginia.....	6,695	12,665	1.63	1.29	9.66	123	31.84
Wyoming.....	40	8,926	.25	.28	4.54	183	32.59
Imported.....	284	13,167	.72	.55	6.37	--	--
Unclassified.....	8,581	12,054	2.25	1.87	13.43	--	--
South Carolina.....	14,914	12,565	1.24	.99	9.75	W	W
Illinois.....	10	11,710	1.55	1.32	8.60	180	42.11
Kentucky.....	9,158	12,587	1.27	1.01	9.56	188	47.35
Pennsylvania.....	100	13,158	2.25	1.71	8.26	199	52.45
Tennessee.....	203	12,745	1.28	1.00	9.43	196	49.85
Virginia.....	31	12,452	.89	.72	11.07	269	66.99
West Virginia.....	829	12,319	.98	.79	12.16	193	47.01
Imported.....	88	11,803	.66	.56	5.64	302	71.27
Unclassified.....	4,496	12,563	1.23	.98	9.81	194	48.68
South Dakota.....	2,148	8,523	.34	.40	4.70	139	23.61
Wyoming.....	2,148	8,523	.34	.40	4.70	139	23.61
Tennessee.....	36,497	11,457	1.27	1.11	8.97	W	W
Colorado.....	5,108	11,826	.63	.54	9.92	140	33.12
Illinois.....	5,986	12,014	2.08	1.73	8.01	116	27.95
Kentucky.....	8,093	11,903	1.84	1.54	10.52	141	33.27
Montana.....	243	9,296	.32	.35	5.75	114	21.27
Pennsylvania.....	76	13,134	2.24	1.71	7.95	121	31.73

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2004
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Tennessee (Continued)							
Tennessee	119	12,396	.86	.69	9.62	172	41.49
Utah	722	12,174	.74	.61	9.88	139	33.78
Virginia.....	2,882	12,524	.88	.71	10.14	157	38.45
West Virginia	939	12,131	.99	.82	11.75	179	43.38
Wyoming.....	6,204	8,840	.28	.32	5.31	110	19.40
Unclassified.....	6,125	12,021	1.57	1.30	9.80	137	33.04
Texas.....	100,106	7,641	.77	1.01	10.39	131	20.01
Colorado	862	10,470	.38	.37	6.20	--	--
Texas	46,073	6,494	1.29	1.99	16.64	124	14.94
Wyoming.....	39,736	8,587	.33	.39	5.03	138	23.86
Unclassified.....	13,435	8,595	.33	.38	5.10	134	22.98
Utah.....	16,539	10,718	.52	.49	13.53	W	W
Colorado	2,642	9,784	.48	.49	11.68	156	30.49
Utah	10,157	10,937	.55	.50	14.60	106	23.99
Wyoming.....	346	9,204	.43	.47	7.27	125	22.97
Unclassified.....	3,393	10,943	.49	.45	12.43	108	23.54
Virginia.....	15,050	12,713	.94	.74	10.06	195	49.60
Kentucky	5,762	12,704	1.02	.80	9.38	216	54.46
Tennessee.....	32	12,306	.89	.72	9.70	287	70.44
Virginia.....	5,153	12,726	.91	.71	10.99	166	41.99
West Virginia	1,878	12,706	.76	.60	9.58	180	45.26
Unclassified.....	2,225	12,722	.93	.73	10.08	189	48.11
Washington.....	6,557	8,151	.93	1.14	13.59	W	W
Montana.....	915	9,350	.34	.36	4.30	--	--
Washington.....	5,642	7,957	1.03	1.29	15.09	--	--
West Virginia.....	35,689	12,061	1.75	1.45	12.65	135	32.59
Colorado	7	11,185	.90	.80	7.15	186	41.61
Kentucky	1,248	11,867	.93	.78	12.40	152	36.03
Maryland.....	2,977	11,940	1.84	1.54	16.70	118	28.14
Montana.....	10	11,549	1.41	1.22	8.15	174	40.18
Ohio	2,479	12,402	4.19	3.38	8.74	113	27.96
Pennsylvania.....	4,845	12,695	1.71	1.34	9.06	123	30.86
Virginia.....	50	12,796	1.15	.90	12.13	184	47.20
West Virginia	23,645	11,962	1.56	1.31	13.41	148	35.93
Wyoming.....	352	9,205	.37	.40	5.01	136	25.11
Unclassified.....	76	12,127	1.88	1.55	11.91	141	34.10
Wisconsin.....	23,909	9,030	.39	.43	5.32	W	W
Colorado	792	11,978	.61	.51	8.60	175	42.43
Illinois.....	3	10,700	1.42	1.33	8.30	210	45.03
Indiana.....	310	10,996	1.36	1.24	8.63	175	38.29
Kentucky	194	12,056	1.98	1.64	9.01	211	51.81
Montana.....	396	8,833	.30	.34	4.71	108	19.17
Pennsylvania.....	23	12,650	1.36	1.08	7.40	163	41.35
Utah	477	12,193	1.14	.93	8.90	165	40.24
West Virginia	115	13,069	2.44	1.86	7.67	--	--
Wyoming.....	19,797	8,669	.30	.35	4.92	107	18.61
Unclassified.....	1,803	9,929	.58	.58	6.30	140	27.87
Wyoming.....	25,542	8,826	.48	.55	6.90	87	15.28
Wyoming.....	25,501	8,826	.48	.55	6.89	87	15.28
Unclassified.....	41	8,706	.44	.51	7.40	85	14.80
Total.....	1,002,032	10,074	.97	.96	8.97	136	27.42

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "**").

W = Withheld to avoid disclosure of individual company data.

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal. • Receipts, heat value, sulfur, ash and average delivered cost of fuel at the destination reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel at the origin reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 16.A. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2005

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Alabama	11,126	12,611	1.57	1.25	13.45	183	46.26
Alabama	10,366	12,638	1.56	1.24	13.52	183	46.19
Georgia	760	12,240	1.71	1.40	12.48	193	47.20
Arizona	12,808	10,911	.52	.48	9.73	138	30.05
Arizona	8,247	10,863	.54	.49	9.63	127	27.56
Nevada	4,561	10,997	.50	.45	9.91	157	34.56
Arkansas	41	9,663	1.55	1.60	27.93	--	--
Oklahoma	41	9,663	1.55	1.60	27.93	--	--
Colorado	32,395	11,131	.50	.45	9.21	156	34.81
Alabama	2,251	11,372	.57	.50	9.55	180	40.96
Arizona	1,120	10,631	.41	.39	7.65	157	33.47
Arkansas	86	10,292	.35	.34	6.79	296	60.99
California	3	12,220	.62	.51	7.60	--	--
Colorado	11,343	10,632	.47	.45	9.46	115	24.37
Delaware	369	12,026	.45	.38	8.26	--	--
Florida	125	11,226	.60	.54	10.91	213	47.87
Georgia	479	12,113	.44	.36	8.23	277	67.16
Illinois	200	9,067	.22	.24	4.86	--	--
Indiana	547	12,154	.46	.38	8.02	233	56.73
Iowa	211	11,387	.44	.39	7.12	230	52.35
Kentucky	3,340	11,921	.58	.49	9.22	157	37.37
Massachusetts	852	11,990	.45	.38	8.03	311	75.56
Michigan	711	11,920	.56	.47	8.22	215	51.24
Mississippi	2,245	11,478	.50	.44	9.78	213	48.85
Missouri	37	12,118	.49	.41	8.33	190	46.04
Nevada	147	11,899	.54	.45	9.10	173	41.13
New York	23	12,209	.48	.40	7.76	--	--
Ohio	369	10,884	.42	.39	7.53	229	49.76
Oklahoma	115	12,010	.43	.35	6.90	--	--
Tennessee	3,614	11,923	.61	.51	9.21	150	35.81
Texas	999	10,336	.33	.32	6.48	--	--
Utah	2,142	9,660	.46	.47	11.75	163	31.42
Wisconsin	1,070	12,001	.48	.40	8.65	199	48.27
Illinois	29,227	11,383	2.28	2.00	8.42	158	36.57
Alabama	1,638	11,613	.93	.80	6.85	248	57.56
Florida	4,415	11,851	2.37	2.00	7.59	180	42.62
Georgia	672	11,984	1.11	.92	7.40	210	50.28
Illinois	8,101	10,442	2.52	2.41	9.62	132	27.20
Indiana	5,481	11,350	2.22	1.96	7.92	151	34.20
Iowa	717	10,753	2.46	2.29	8.74	159	35.72
Kansas	10	11,239	3.06	2.72	9.23	278	62.53
Kentucky	619	11,788	2.27	1.92	9.02	163	38.47
Louisiana	13	9,994	2.47	2.47	11.10	--	--
Michigan	57	10,705	1.12	1.04	7.85	213	45.73
Minnesota	80	12,150	1.05	.86	6.60	257	62.36
Mississippi	77	11,996	1.64	1.37	8.01	263	63.21
Missouri	1,131	11,579	2.73	2.36	7.45	179	41.88
New York	50	11,031	3.26	2.96	8.20	--	--
Ohio	370	12,156	2.71	2.23	8.52	170	41.25
Tennessee	5,753	12,183	2.35	1.93	8.51	123	29.95
Wisconsin	42	11,915	1.15	.96	7.45	280	66.55
Indiana	27,251	11,155	2.30	2.07	8.82	129	28.83
Alabama	362	11,493	.79	.69	5.45	243	55.76
Florida	81	11,289	3.17	2.81	10.31	191	43.16
Illinois	440	10,796	1.85	1.72	7.96	--	--
Indiana	24,432	11,174	2.35	2.10	8.80	124	27.82
Kentucky	1,318	10,926	2.39	2.18	9.46	138	30.13
Massachusetts	20	12,796	.72	.56	7.20	--	--
Michigan	13	10,703	.67	.63	5.44	--	--
Minnesota	61	10,872	.87	.80	8.40	280	60.84
Missouri	23	11,681	.83	.71	4.80	301	70.20
Ohio	291	10,793	1.71	1.58	13.76	226	48.83
Wisconsin	210	10,845	1.36	1.26	8.29	206	44.78
Kansas	132	11,845	3.50	2.96	12.67	146	34.60
Missouri	132	11,845	3.50	2.96	12.67	146	34.60

Table 16.A. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2005
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Kentucky	114,592	12,142	1.56	1.29	10.74	205	49.72
Alabama	3,225	11,593	2.56	2.21	11.13	173	40.01
Delaware	214	12,666	.73	.57	9.03	--	--
Florida	14,543	12,481	1.44	1.15	9.67	233	58.10
Georgia	14,544	12,327	1.13	.91	11.16	228	56.04
Illinois	312	9,992	2.86	2.87	14.58	118	19.73
Indiana	1,146	11,968	1.47	1.23	11.06	230	55.09
Kentucky	25,863	11,583	2.60	2.24	11.52	149	34.88
Louisiana	38	12,500	.99	.79	10.00	--	--
Maine	12	12,900	1.22	.95	8.10	--	--
Maryland	61	12,965	.77	.60	8.42	--	--
Michigan	4,771	12,791	1.17	.92	8.38	222	56.70
Mississippi	843	12,420	1.35	1.09	12.05	281	69.72
Missouri	37	13,343	1.37	1.03	7.26	352	94.04
New York	36	12,775	.61	.48	8.82	--	--
North Carolina	10,764	12,457	.99	.79	10.51	247	61.20
Ohio	8,544	11,684	.89	.76	13.62	196	45.72
Pennsylvania	250	11,606	.83	.71	9.50	--	--
South Carolina	12,059	12,575	1.16	.93	9.81	218	54.91
Tennessee	9,149	11,922	1.69	1.41	10.00	172	40.82
Virginia	6,592	12,681	1.09	.86	9.68	234	58.93
West Virginia	1,420	11,999	.96	.80	11.55	196	46.98
Wisconsin	168	12,234	2.13	1.74	8.84	304	78.09
Louisiana	4,098	6,892	1.12	1.62	13.07	146	20.15
Louisiana	4,098	6,892	1.12	1.62	13.07	146	20.15
Maryland	7,820	12,139	1.85	1.53	13.61	143	33.91
Maryland	3,513	12,510	1.78	1.42	10.47	--	--
Virginia	53	11,981	1.00	.83	10.40	258	61.70
West Virginia	4,253	11,835	1.92	1.63	16.23	142	33.57
Mississippi	3,603	5,096	.46	.91	15.58	--	--
Mississippi	3,603	5,096	.46	.91	15.58	--	--
Missouri	541	10,836	3.51	3.24	15.22	154	33.40
Kansas	379	10,980	3.67	3.35	15.52	154	33.84
Missouri	162	10,499	3.12	2.98	14.52	154	32.35
Montana	37,462	8,954	.51	.57	6.99	103	18.51
Arizona	363	9,355	.32	.35	4.12	147	27.55
Indiana	1,619	9,386	.33	.35	4.13	168	31.49
Iowa	12	9,450	.27	.29	4.10	182	34.36
Massachusetts	42	10,665	.56	.53	6.90	345	73.67
Michigan	8,898	9,355	.36	.39	4.70	118	22.03
Minnesota	12,083	8,913	.55	.61	7.64	105	18.66
Montana	10,746	8,455	.68	.81	9.41	69	11.62
North Dakota	1,024	9,216	.38	.42	5.93	101	18.59
Ohio	16	9,100	.32	.35	4.27	250	44.52
Pennsylvania	42	9,282	.35	.38	4.32	--	--
Tennessee	700	9,368	.35	.37	5.14	128	24.00
Washington	1,214	9,350	.34	.36	4.30	--	--
Wisconsin	702	9,384	.31	.34	4.04	135	25.33
New Mexico	24,039	9,361	.74	.79	18.88	152	28.44
Arizona	8,906	9,635	.66	.68	15.70	150	28.85
California	56	9,699	.75	.78	13.00	--	--
New Mexico	15,078	9,198	.78	.85	20.79	153	28.21
North Dakota	23,899	6,552	.71	1.09	9.57	81	10.57
North Dakota	23,899	6,552	.71	1.09	9.57	81	10.57
Ohio	25,261	12,265	3.49	2.85	9.57	130	31.98
Florida	394	12,341	3.95	3.20	9.92	249	61.57
Indiana	679	12,419	3.75	3.02	9.30	194	48.17
Kentucky	1,052	11,250	3.79	3.37	14.47	131	29.55
Michigan	281	11,941	3.15	2.64	10.67	198	47.33
New Jersey	29	12,913	2.35	1.82	7.77	240	62.09
New York	134	12,787	4.44	3.47	7.87	--	--
Ohio	18,588	12,284	3.33	2.71	9.41	125	30.76
Pennsylvania	460	12,477	3.26	2.61	9.26	--	--
West Virginia	3,644	12,401	4.16	3.35	9.01	116	28.79
Oklahoma	879	10,856	2.67	2.46	23.05	--	--

Table 16.A. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2005
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Oklahoma (Continued)							
Oklahoma	879	10,856	2.67	2.46	23.05	--	--
Pennsylvania	46,627	11,870	1.87	1.58	14.20	163	42.00
Delaware	56	12,806	1.22	.95	8.71	--	--
Indiana	1,309	12,991	2.19	1.68	8.31	175	45.49
Kentucky	349	13,075	2.12	1.62	7.91	166	43.41
Maryland	1,532	12,995	1.73	1.33	8.18	--	--
Michigan	699	12,881	1.71	1.32	7.45	190	49.05
New Hampshire	621	13,141	1.80	1.37	7.55	235	61.69
New Jersey	872	12,928	1.78	1.38	7.49	--	--
New York	2,343	12,790	2.04	1.59	8.77	224	58.25
Ohio	2,956	12,901	2.02	1.56	8.33	131	33.78
Pennsylvania	29,663	11,277	1.86	1.65	17.56	153	39.30
South Carolina	1,370	13,166	2.04	1.55	8.31	173	45.56
Tennessee	356	13,000	2.60	2.00	8.53	208	54.08
West Virginia	4,462	12,787	1.70	1.33	8.59	135	34.44
Wisconsin	40	12,990	2.26	1.74	8.22	295	76.74
Tennessee	1,688	12,754	1.34	1.05	8.91	259	66.19
Georgia	726	12,691	1.36	1.07	8.97	262	66.60
Kentucky	208	12,503	1.70	1.36	9.60	235	58.81
South Carolina	683	12,920	1.26	.98	8.52	269	69.64
Tennessee	71	12,533	.80	.64	9.88	171	42.66
Texas	45,796	6,531	1.21	1.85	16.27	131	15.79
Texas	45,796	6,531	1.21	1.85	16.27	131	15.79
Utah	21,122	11,317	.60	.53	12.64	119	27.16
California	1,567	12,114	.79	.65	10.56	--	--
Iowa	40	11,312	.36	.32	8.72	177	40.05
Kentucky	12	11,800	.61	.52	9.00	248	58.41
Michigan	44	12,145	.79	.65	8.13	277	67.84
Missouri	317	12,144	1.03	.85	9.13	229	55.54
Nevada	2,865	11,754	.60	.51	10.45	140	32.85
Tennessee	796	12,058	.86	.71	10.29	161	38.80
Utah	14,626	11,019	.53	.48	13.74	106	23.68
Wisconsin	855	12,444	1.16	.93	9.05	163	40.69
Virginia	18,314	12,594	.98	.77	11.17	228	57.05
Delaware	352	12,705	.75	.59	11.79	--	--
Florida	75	12,571	.69	.55	10.51	351	88.34
Georgia	5,288	12,560	1.05	.84	11.78	227	57.05
Indiana	18	13,789	.93	.67	5.40	171	47.13
Kentucky	8	11,282	3.08	2.73	17.90	114	25.61
Maryland	58	12,792	.96	.75	10.71	--	--
Mississippi	374	12,547	1.09	.87	11.50	294	73.75
New Hampshire	144	13,973	.67	.48	4.91	235	65.74
New York	142	13,302	.72	.54	6.64	--	--
North Carolina	1,978	12,307	.96	.78	11.69	245	60.19
Ohio	109	13,707	.76	.56	5.65	155	42.36
Pennsylvania	10	12,600	1.19	.94	11.70	--	--
South Carolina	41	12,799	1.20	.94	10.43	291	74.43
Tennessee	3,016	12,559	.88	.70	10.23	238	58.73
Virginia	6,501	12,644	.97	.76	11.28	215	54.12
West Virginia	198	12,895	1.59	1.24	9.69	204	52.53
Washington	5,285	7,851	.84	1.07	15.34	--	--
Washington	5,285	7,851	.84	1.07	15.34	--	--
West Virginia	96,313	12,279	1.29	1.05	11.73	197	48.26
Alabama	251	12,100	.76	.63	11.81	281	67.92
Connecticut	548	12,055	1.31	1.09	13.03	--	--
Delaware	1,057	12,706	.76	.60	10.37	--	--
Florida	2,210	12,531	1.07	.85	11.31	278	69.77
Georgia	740	12,300	.94	.76	11.71	292	71.75
Illinois	11	13,600	.87	.64	7.00	--	--
Indiana	3,679	12,543	1.87	1.49	9.92	179	44.97
Kentucky	7,104	12,151	1.61	1.32	11.68	172	41.70
Maryland	6,579	12,618	.99	.79	10.78	--	--
Massachusetts	89	12,819	.72	.56	7.30	--	--
Michigan	3,114	12,681	1.23	.97	10.20	229	58.14
New Hampshire	264	13,160	2.28	1.73	7.66	246	64.66

Table 16.A. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2005
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
West Virginia (Continued)							
New Jersey	3,653	12,594	.99	.79	10.12	250	65.76
New York	3,680	12,748	1.78	1.40	7.95	199	51.85
North Carolina.....	19,124	12,225	.81	.67	12.39	235	57.36
Ohio	11,231	12,099	1.38	1.14	11.93	168	40.66
Pennsylvania.....	4,660	12,835	2.04	1.59	8.80	149	38.43
South Carolina.....	1,386	12,284	.94	.76	12.12	224	54.95
Tennessee	2,047	12,162	.70	.58	12.57	195	47.39
Virginia.....	1,914	12,580	.76	.60	10.34	258	64.54
West Virginia	22,704	11,939	1.52	1.28	13.54	164	39.62
Wisconsin	268	13,121	2.24	1.71	8.16	290	74.77
Wyoming	370,771	8,679	.31	.36	5.17	115	20.00
Alabama	11,598	8,716	.26	.30	4.94	138	24.07
Arizona	1,796	8,700	.42	.48	5.43	142	24.63
Arkansas	13,597	8,735	.27	.31	4.74	145	25.34
Colorado	6,971	8,647	.26	.30	4.81	88	15.22
Delaware.....	215	8,833	.26	.29	5.10	--	--
Georgia	13,647	8,727	.31	.36	5.16	168	29.35
Illinois	42,736	8,748	.28	.32	4.92	98	17.17
Indiana	14,349	8,795	.27	.30	5.12	126	22.19
Iowa	17,848	8,534	.33	.38	5.00	92	15.67
Kansas	20,030	8,522	.38	.44	5.14	111	18.92
Kentucky	1,188	8,817	.32	.37	5.44	133	23.37
Louisiana	10,905	8,575	.32	.38	5.12	167	29.07
Michigan	16,807	8,830	.26	.30	5.14	124	21.87
Minnesota	7,837	8,844	.27	.31	4.89	116	20.47
Mississippi.....	1,157	8,816	.21	.23	4.65	185	32.53
Missouri.....	41,574	8,728	.28	.32	5.02	96	16.75
Montana	650	8,375	.23	.28	4.49	--	--
Nebraska	12,221	8,571	.31	.36	4.89	71	12.15
Nevada.....	507	9,454	.42	.45	9.16	144	27.31
New Jersey	22	8,845	.25	.29	4.85	227	40.17
New York	2,263	8,815	.28	.32	5.21	--	--
North Carolina.....	50	8,834	.18	.21	4.70	316	55.81
North Dakota	465	7,991	.38	.48	5.62	98	15.62
Ohio	636	8,835	.20	.23	4.53	141	24.94
Oklahoma	20,483	8,655	.31	.36	5.10	101	17.55
Oregon	2,273	8,356	.32	.39	4.94	128	21.33
Pennsylvania.....	215	8,802	.33	.38	5.82	198	35.01
South Dakota	1,738	8,711	.31	.35	5.41	142	24.82
Tennessee	8,981	8,791	.32	.37	5.45	122	21.53
Texas	50,858	8,515	.32	.38	5.03	133	22.86
Utah	634	9,233	.54	.59	8.24	132	24.43
West Virginia	1,250	8,838	.22	.25	4.68	159	28.19
Wisconsin	20,270	8,672	.29	.34	4.95	115	19.91
Wyoming.....	25,000	8,814	.49	.56	6.99	95	16.71
Imported.....	25,339	11,659	.56	.48	6.07	237	55.82
Alabama.....	5,332	11,521	.55	.48	5.61	210	48.35
California.....	4	10,490	.24	.23	10.70	--	--
Connecticut.....	1,377	9,376	.09	.10	1.01	--	--
Delaware.....	10	11,625	.68	.58	7.90	--	--
Florida	7,474	11,887	.62	.52	6.90	233	55.48
Georgia	1,699	11,811	.60	.51	6.85	324	76.64
Hawaii	706	10,975	.55	.51	4.76	--	--
Louisiana	26	12,547	.65	.51	5.62	386	96.94
Maine.....	245	12,819	.76	.60	7.62	--	--
Massachusetts.....	3,952	11,655	.50	.43	5.99	302	69.48
Mississippi.....	1,846	11,275	.57	.51	6.70	213	48.09
New Hampshire.....	718	12,836	.68	.53	7.10	253	64.87
New Jersey	37	12,937	.71	.55	6.74	439	113.62
New York	889	12,807	.64	.50	6.98	--	--
North Carolina.....	588	12,611	.64	.51	6.03	269	67.81
Pennsylvania.....	250	12,998	.86	.66	6.23	--	--
Texas	184	11,716	.65	.56	6.01	383	85.38
Unclassified	35,010	11,085	1.47	1.33	9.17	158	33.09
Alabama.....	1,120	11,653	1.13	.97	9.69	189	44.04

Table 16.A. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2005
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Unclassified (Continued)							
Arizona.....	312	9,443	.63	.67	12.00	146	27.50
Colorado.....	5	9,537	.32	.34	6.00	99	18.86
Florida.....	3,815	12,216	1.43	1.17	8.95	232	56.77
Georgia.....	3	12,371	1.05	.85	11.18	227	56.21
Illinois.....	4,874	8,751	.28	.32	4.94	114	20.03
Indiana.....	5,191	11,532	2.41	2.09	9.03	146	33.70
Iowa.....	297	9,397	.98	1.04	6.37	118	22.14
Kansas.....	54	8,495	.37	.44	5.20	113	19.17
Kentucky.....	434	11,710	2.32	1.98	11.29	155	36.29
Massachusetts.....	77	11,656	.48	.41	6.25	299	69.73
Michigan.....	910	10,464	.69	.66	6.46	160	32.30
Minnesota.....	28	11,956	1.50	1.26	10.45	176	42.16
Missouri.....	242	9,180	.62	.67	5.61	118	21.72
Montana.....	22	6,581	1.03	1.56	14.25	110	14.43
Nebraska.....	394	8,560	.28	.33	4.70	73	12.44
Nevada.....	393	10,976	.50	.46	10.00	234	51.28
New Jersey.....	7	12,673	1.19	.94	9.65	223	56.45
New Mexico.....	1,920	8,979	.82	.91	20.29	131	23.57
New York.....	6	12,979	1.59	1.23	8.00	232	60.30
North Carolina.....	10	12,265	.89	.73	11.80	252	61.91
Ohio.....	1,551	12,350	2.36	1.91	10.05	150	36.97
Pennsylvania.....	9,496	12,662	2.18	1.72	10.58	--	--
South Carolina.....	752	12,633	1.62	1.28	10.06	188	47.61
Tennessee.....	3,036	8,827	.34	.39	5.62	123	21.69
Virginia.....	1	12,661	1.00	.79	10.69	229	58.02
Wisconsin.....	60	8,672	.29	.34	5.00	110	19.01
Total.....	1,021,437	10,107	.98	.97	9.02	153	31.22

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal. • Receipts, heat value, sulfur, and ash reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2004

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Alabama	10,938	12,119	1.21	1.00	12.33	166	40.32
Alabama	10,027	12,114	1.17	.97	12.33	165	40.04
Georgia	911	12,174	1.68	1.38	12.32	178	43.28
Arizona	13,041	10,927	.51	.47	9.64	123	26.84
Arizona	8,389	10,899	.51	.47	9.38	116	25.33
Nevada	4,652	10,979	.50	.46	10.11	135	29.56
Arkansas	18	9,418	1.38	1.47	26.43	--	--
Oklahoma	18	9,418	1.38	1.47	26.43	--	--
Colorado	30,355	11,131	.52	.47	9.25	137	30.38
Alabama	343	11,379	.57	.50	9.97	157	35.70
Arizona	981	10,684	.42	.39	7.43	152	32.58
California	31	12,230	.84	.69	8.85	--	--
Colorado	10,845	10,588	.45	.43	8.96	106	22.45
Florida	56	12,005	.83	.69	8.81	163	39.22
Georgia	12	12,204	.47	.39	7.50	212	51.72
Illinois	1,158	11,942	.41	.34	7.61	176	41.99
Indiana	602	12,122	.44	.37	8.24	183	44.34
Iowa	166	10,545	1.17	1.11	8.17	122	25.73
Kentucky	3,052	11,763	.61	.52	9.43	149	35.11
Massachusetts	142	11,882	.50	.42	6.86	244	57.73
Michigan	779	12,079	.65	.54	8.75	180	43.37
Mississippi	2,421	11,775	.53	.45	9.60	163	38.49
Nevada	187	12,030	.67	.55	9.36	144	34.70
Ohio	44	11,547	.51	.44	10.03	175	40.46
Oklahoma	93	12,000	.49	.41	9.16	--	--
Pennsylvania	32	11,114	.45	.41	8.05	--	--
Tennessee	5,108	11,826	.63	.54	9.92	140	33.12
Texas	862	10,470	.38	.37	6.20	--	--
Utah	2,642	9,784	.48	.49	11.68	156	30.49
West Virginia	7	11,185	.90	.80	7.15	186	41.61
Wisconsin	792	11,978	.61	.51	8.60	175	42.43
Illinois	28,802	11,359	2.10	1.85	8.27	141	32.61
Alabama	2,555	11,834	1.25	1.05	9.12	161	38.14
Florida	4,340	11,800	2.10	1.78	7.42	171	40.39
Georgia	668	12,012	1.18	.98	6.79	188	45.10
Illinois	8,077	10,533	2.29	2.17	8.70	138	29.04
Indiana	5,091	11,157	2.08	1.86	8.50	129	28.70
Iowa	643	10,859	3.21	2.96	9.42	143	32.06
Kentucky	139	11,929	2.62	2.20	8.75	141	33.69
Michigan	46	12,024	1.30	1.08	6.19	--	--
Minnesota	11	12,150	1.05	.86	6.60	181	44.02
Mississippi	12	11,983	1.06	.88	6.50	298	71.35
Missouri	839	11,556	2.87	2.48	6.95	146	34.22
New York	7	11,005	3.05	2.77	7.80	--	--
Ohio	373	12,034	2.03	1.68	8.02	139	33.47
South Carolina	10	11,710	1.55	1.32	8.60	180	42.11
Tennessee	5,986	12,014	2.08	1.73	8.01	116	27.95
Wisconsin	3	10,700	1.42	1.33	8.30	210	45.03
Indiana	30,085	11,171	2.18	1.95	8.63	116	25.91
Alabama	97	11,489	.82	.72	5.38	203	46.58
Florida	80	11,162	.80	.71	9.40	230	51.26
Illinois	490	10,842	1.76	1.62	9.18	--	--
Indiana	26,685	11,182	2.19	1.96	8.57	114	25.39
Kentucky	1,831	11,135	2.94	2.64	9.67	121	27.02
Michigan	23	11,678	1.67	1.43	7.00	--	--
Minnesota	35	10,575	.81	.76	8.74	202	42.77
Mississippi	45	11,135	1.56	1.40	9.77	186	41.33
New York	88	11,531	2.23	1.93	6.59	--	--
North Carolina	7	13,703	.77	.56	8.50	224	61.50
Ohio	234	10,908	.55	.51	8.99	172	37.48
Pennsylvania	161	10,945	.40	.37	7.92	--	--
Wisconsin	310	10,996	1.36	1.24	8.63	175	38.29
Kansas	72	11,596	3.29	2.83	12.63	139	32.25
Kansas	14	11,230	3.70	3.29	14.97	107	24.11
Kentucky	5	11,815	3.98	3.37	10.90	--	--

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2004
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Kansas (Continued)							
Missouri.....	53	11,673	3.12	2.67	12.17	147	34.37
Kentucky.....	91,555	12,152	1.49	1.23	10.77	172	41.87
Alabama.....	676	11,682	3.36	2.88	12.57	125	29.24
Delaware.....	648	12,633	.70	.55	8.47	--	--
Florida.....	7,637	12,509	1.69	1.35	9.14	185	46.21
Georgia.....	14,423	12,376	1.04	.84	10.48	185	45.83
Illinois.....	81	11,090	2.60	2.35	11.98	113	18.48
Indiana.....	445	12,030	1.88	1.57	9.73	176	42.36
Kentucky.....	19,132	11,506	2.47	2.15	12.24	138	31.92
Louisiana.....	*	12,500	.89	.71	11.18	--	--
Maine.....	96	13,013	.95	.73	7.68	--	--
Maryland.....	390	12,745	.84	.66	8.92	--	--
Massachusetts.....	46	12,654	.72	.57	8.01	--	--
Michigan.....	3,368	12,784	1.15	.90	8.05	172	44.00
Mississippi.....	984	12,561	1.13	.90	11.33	213	53.44
Missouri.....	29	12,302	1.93	1.57	8.34	194	47.74
New Jersey.....	41	12,912	.75	.58	7.31	--	--
New York.....	50	12,128	1.81	1.49	12.71	--	--
North Carolina.....	10,371	12,449	.98	.78	10.26	202	50.06
Ohio.....	8,579	11,656	.91	.78	13.49	160	37.19
Pennsylvania.....	102	12,603	1.26	1.00	8.90	--	--
South Carolina.....	9,158	12,587	1.27	1.01	9.56	188	47.35
Tennessee.....	8,093	11,903	1.84	1.54	10.52	141	33.27
Virginia.....	5,762	12,704	1.02	.80	9.38	216	54.46
West Virginia.....	1,248	11,867	.93	.78	12.40	152	36.03
Wisconsin.....	194	12,056	1.98	1.64	9.01	211	51.81
Maryland.....	8,263	12,379	1.67	1.35	12.28	118	28.14
Maryland.....	5,286	12,627	1.58	1.25	9.79	--	--
West Virginia.....	2,977	11,940	1.84	1.54	16.70	118	28.14
Mississippi.....	3,572	5,106	.48	.94	15.38	--	--
Mississippi.....	3,572	5,106	.48	.94	15.38	--	--
Missouri.....	570	10,932	3.74	3.42	14.43	142	31.12
Kansas.....	365	10,797	4.43	4.10	16.27	133	28.80
Missouri.....	205	11,173	2.51	2.24	11.14	158	35.25
Montana.....	33,345	8,941	.52	.58	7.01	100	17.76
Arizona.....	71	9,348	.34	.37	3.94	132	24.66
Illinois.....	85	8,825	.38	.43	5.24	--	--
Indiana.....	1,794	9,539	.34	.36	4.03	149	27.55
Kansas.....	350	8,978	.33	.37	6.90	109	19.54
Michigan.....	7,124	9,373	.37	.40	4.67	127	23.76
Minnesota.....	11,658	8,921	.55	.62	7.50	101	17.92
Montana.....	10,351	8,512	.66	.77	9.01	63	10.67
North Dakota.....	348	9,072	.42	.46	6.21	99	17.97
Tennessee.....	243	9,296	.32	.35	5.75	114	21.27
Washington.....	915	9,350	.34	.36	4.30	--	--
West Virginia.....	10	11,549	1.41	1.22	8.15	174	40.18
Wisconsin.....	396	8,833	.30	.34	4.71	108	19.17
New Mexico.....	26,712	9,397	.69	.74	18.89	143	26.94
Arizona.....	10,081	9,681	.65	.67	15.85	137	26.41
New Mexico.....	16,632	9,225	.72	.78	20.74	148	27.25
North Dakota.....	22,900	6,553	.70	1.08	9.51	77	10.07
North Dakota.....	22,900	6,553	.70	1.08	9.51	77	10.07
Ohio.....	23,714	12,262	3.41	2.78	9.29	116	28.50
Florida.....	352	12,626	4.46	3.54	8.71	146	36.78
Indiana.....	254	11,652	2.74	2.35	10.66	154	35.79
Kentucky.....	487	11,686	3.22	2.76	12.70	117	27.42
Michigan.....	218	11,833	3.10	2.62	11.26	175	41.92
New York.....	154	13,001	4.44	3.42	7.98	--	--
Ohio.....	19,212	12,252	3.32	2.71	9.26	115	28.18
Pennsylvania.....	558	12,499	2.84	2.27	9.15	--	--
West Virginia.....	2,479	12,402	4.19	3.38	8.74	113	27.96
Oklahoma.....	962	11,719	2.45	2.09	16.86	129	33.30
California.....	1	11,800	.48	.41	9.00	--	--
Illinois.....	6	12,602	.90	.71	7.45	--	--
Kansas.....	20	13,140	3.11	2.37	8.35	126	33.20

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2004
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Oklahoma (Continued)							
Missouri.....	14	12,541	3.03	2.42	9.71	133	33.44
Oklahoma.....	921	11,669	2.44	2.09	17.23	--	--
Pennsylvania.....	40,950	11,761	1.98	1.68	14.73	138	35.20
Delaware.....	525	12,730	1.22	.96	8.95	--	--
Florida.....	281	13,007	2.47	1.90	8.28	211	54.97
Indiana.....	416	12,809	2.37	1.85	9.11	139	35.58
Kentucky.....	243	12,879	2.14	1.67	8.51	137	35.32
Maryland.....	655	12,847	1.72	1.34	8.90	--	--
Michigan.....	689	12,995	1.53	1.17	7.51	149	38.79
New Hampshire.....	150	12,949	1.87	1.44	7.89	215	55.59
New Jersey.....	933	12,831	1.75	1.36	7.62	317	82.05
New York.....	3,725	12,934	2.16	1.67	8.53	157	40.68
Ohio.....	1,768	12,900	2.14	1.66	8.45	125	32.19
Pennsylvania.....	26,522	11,177	2.02	1.81	18.06	123	31.79
South Carolina.....	100	13,158	2.25	1.71	8.26	199	52.45
Tennessee.....	76	13,134	2.24	1.71	7.95	121	31.73
West Virginia.....	4,845	12,695	1.71	1.34	9.06	123	30.86
Wisconsin.....	23	12,650	1.36	1.08	7.40	163	41.35
Tennessee.....	927	12,629	1.13	.90	9.23	203	51.25
Alabama.....	5	12,500	1.03	.82	11.00	198	49.50
Georgia.....	437	12,775	1.13	.89	8.62	192	49.14
Kentucky.....	65	12,269	1.49	1.21	10.31	234	57.37
North Carolina.....	65	12,241	.97	.79	10.46	271	66.42
South Carolina.....	203	12,745	1.28	1.00	9.43	196	49.85
Tennessee.....	119	12,396	.86	.69	9.62	172	41.49
Virginia.....	32	12,306	.89	.72	9.70	287	70.44
Texas.....	46,073	6,494	1.29	1.99	16.64	124	14.94
Texas.....	46,073	6,494	1.29	1.99	16.64	124	14.94
Utah.....	15,039	11,248	.62	.55	13.01	117	26.64
California.....	1,306	12,204	.75	.61	9.23	--	--
Iowa.....	59	11,105	1.42	1.28	9.22	154	34.25
Michigan.....	102	12,607	1.30	1.03	8.03	--	--
Missouri.....	365	12,032	.86	.72	10.40	156	37.64
Nevada.....	1,840	11,449	.65	.56	10.14	139	31.79
Pennsylvania.....	12	12,428	.59	.47	7.69	--	--
Tennessee.....	722	12,174	.74	.61	9.88	139	33.78
Utah.....	10,157	10,937	.55	.50	14.60	106	23.99
Wisconsin.....	477	12,193	1.14	.93	8.90	165	40.24
Virginia.....	15,750	12,626	.95	.75	10.95	177	44.58
Delaware.....	21	12,504	.52	.42	12.90	--	--
Florida.....	19	12,916	.99	.77	10.24	195	50.41
Georgia.....	5,122	12,620	1.04	.82	11.41	187	47.07
Indiana.....	251	13,694	.79	.58	6.32	168	46.09
Maryland.....	33	12,712	1.24	.97	10.98	--	--
New Hampshire.....	157	14,048	.68	.48	4.68	198	55.60
North Carolina.....	1,867	12,198	.96	.79	12.14	198	48.35
Ohio.....	143	13,380	1.02	.76	7.93	132	35.27
Pennsylvania.....	21	12,550	2.20	1.75	11.10	--	--
South Carolina.....	31	12,452	.89	.72	11.07	269	66.99
Tennessee.....	2,882	12,524	.88	.71	10.14	157	38.45
Virginia.....	5,153	12,726	.91	.71	10.99	166	41.99
West Virginia.....	50	12,796	1.15	.90	12.13	184	47.20
Washington.....	5,642	7,957	1.03	1.29	15.09	--	--
Washington.....	5,642	7,957	1.03	1.29	15.09	--	--
West Virginia.....	83,401	12,291	1.33	1.08	11.65	164	40.12
Connecticut.....	697	12,273	1.32	1.08	12.39	--	--
Delaware.....	869	12,705	.77	.61	10.65	--	--
Florida.....	2,020	12,529	1.09	.87	10.62	208	53.29
Georgia.....	681	12,295	.91	.74	11.58	238	58.63
Indiana.....	2,804	12,483	1.89	1.51	9.87	139	34.78
Kentucky.....	5,091	12,205	1.48	1.22	11.37	144	35.19
Maryland.....	6,110	12,668	1.04	.82	10.45	--	--
Massachusetts.....	649	12,319	.65	.53	8.90	--	--
Michigan.....	2,806	12,617	1.12	.89	10.48	180	45.27
New Hampshire.....	58	13,155	1.36	1.03	6.93	233	61.41

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2004
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
West Virginia (Continued)							
New Jersey	1,252	12,895	1.50	1.16	9.20	220	58.28
New York	2,604	12,934	2.20	1.70	8.66	156	41.42
North Carolina.....	14,375	12,292	.78	.64	11.80	196	48.04
Ohio	9,286	12,059	1.41	1.17	12.30	143	34.33
Pennsylvania.....	6,695	12,665	1.63	1.29	9.66	123	31.84
South Carolina.....	829	12,319	.98	.79	12.16	193	47.01
Tennessee	939	12,131	.99	.82	11.75	179	43.38
Virginia.....	1,878	12,706	.76	.60	9.58	180	45.26
West Virginia	23,645	11,962	1.56	1.31	13.41	148	35.93
Wisconsin	115	13,069	2.44	1.86	7.67	--	--
Wyoming	347,282	8,710	.32	.37	5.17	106	18.50
Alabama	11,009	8,796	.25	.28	5.00	125	21.99
Arizona	466	8,714	.42	.49	5.53	133	23.13
Arkansas	13,914	8,761	.28	.32	4.85	122	21.45
Colorado	7,458	8,674	.27	.31	4.73	81	14.09
Delaware.....	85	8,731	.32	.37	5.28	--	--
Florida	26	8,939	.21	.23	4.20	171	30.57
Georgia	10,690	8,785	.32	.37	5.11	162	28.54
Illinois.....	47,677	8,761	.33	.38	5.08	95	16.49
Indiana.....	14,131	8,856	.22	.25	4.69	120	21.29
Iowa	14,641	8,545	.32	.38	4.94	89	15.15
Kansas	19,162	8,572	.36	.42	5.22	102	17.55
Kentucky	1,165	8,802	.33	.37	5.47	125	22.03
Louisiana.....	11,678	8,584	.34	.40	5.19	133	23.22
Michigan.....	13,795	8,854	.25	.29	5.05	117	20.73
Minnesota.....	8,034	8,848	.28	.31	4.93	110	19.40
Mississippi.....	584	8,823	.30	.34	5.43	163	28.81
Missouri.....	41,535	8,738	.31	.35	5.06	90	15.70
Montana.....	764	8,400	.24	.28	4.47	--	--
Nebraska.....	12,261	8,574	.32	.38	5.02	66	11.30
Nevada.....	187	9,487	.42	.45	8.16	129	24.51
New York.....	2,006	8,825	.27	.31	5.13	--	--
North Dakota.....	223	7,972	.42	.53	5.38	87	13.87
Ohio	61	8,784	.29	.33	5.71	144	25.33
Oklahoma.....	19,355	8,705	.30	.34	5.07	101	17.61
Oregon	2,251	8,402	.33	.39	4.91	118	19.91
Pennsylvania.....	40	8,926	.25	.28	4.54	183	32.59
South Dakota.....	2,148	8,523	.34	.40	4.70	139	23.61
Tennessee	6,204	8,840	.28	.32	5.31	110	19.40
Texas	39,736	8,587	.33	.39	5.03	138	23.86
Utah	346	9,204	.43	.47	7.27	125	22.97
West Virginia	352	9,205	.37	.40	5.01	136	25.11
Wisconsin.....	19,797	8,669	.30	.35	4.92	107	18.61
Wyoming.....	25,501	8,826	.48	.55	6.89	87	15.28
Imported.....	19,689	11,729	.55	.47	5.88	181	43.01
Alabama.....	3,994	11,562	.52	.45	5.19	157	36.28
Connecticut.....	1,225	9,371	.09	.10	1.09	--	--
Florida	5,614	12,028	.60	.50	6.61	193	46.46
Georgia	490	12,570	.86	.69	8.50	164	41.38
Hawaii	647	11,097	.49	.44	4.74	--	--
Maine.....	175	12,767	.66	.52	6.11	--	--
Maryland.....	344	12,290	.49	.40	9.04	--	--
Massachusetts.....	3,283	11,663	.54	.46	5.78	206	50.51
Mississippi.....	1,718	11,376	.56	.49	6.78	166	37.69
New Hampshire.....	237	12,979	.92	.71	6.74	221	57.37
New Jersey.....	43	12,874	1.28	.99	7.85	207	53.25
New York.....	940	12,971	.63	.49	6.77	--	--
North Carolina.....	609	12,385	.62	.50	6.66	244	60.39
Pennsylvania.....	284	13,167	.72	.55	6.37	--	--
South Carolina.....	88	11,803	.66	.56	5.64	302	71.27
Unclassified	102,372	10,648	1.10	1.03	8.75	150	31.57
Alabama.....	5,098	11,771	1.22	1.04	9.89	158	37.28
Arizona	328	9,842	.56	.57	13.58	141	27.77
Arkansas	691	8,768	.30	.34	4.92	127	22.19
Colorado.....	531	10,377	.46	.45	9.83	100	20.65

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2004
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost	
		Heat Value (Btu per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per ton)
Unclassified (Continued)							
Florida	11,859	12,287	1.39	1.13	8.47	194	47.73
Georgia	4,018	9,074	.37	.40	5.45	166	30.15
Illinois	2,120	9,796	1.27	1.29	7.28	126	24.71
Indiana	1,624	10,258	1.24	1.21	6.85	124	25.37
Iowa	4,296	8,637	.40	.46	5.05	90	15.53
Kansas	1,067	8,616	.36	.42	5.36	95	16.45
Kentucky	6,666	11,602	2.12	1.82	11.77	140	32.44
Louisiana	3,835	6,809	1.03	1.51	13.27	143	19.41
Massachusetts	271	11,917	.55	.47	5.99	184	43.89
Michigan	5,998	9,654	.45	.47	5.55	131	25.22
Minnesota	132	11,542	1.02	.88	7.78	192	44.21
Mississippi	288	10,454	.51	.49	7.28	162	33.95
Missouri	1,859	8,793	.34	.38	5.08	90	15.89
Nebraska	255	8,565	.33	.38	5.01	66	11.34
Nevada	1,624	11,225	.54	.48	9.73	137	30.79
New Hampshire	1,091	13,161	1.18	.90	6.58	194	51.07
New Jersey	4	12,666	1.45	1.14	9.40	226	57.20
New York	47	12,873	1.99	1.55	8.21	173	44.49
North Carolina	2,815	12,324	.87	.70	11.11	204	50.30
North Dakota	1,562	6,576	.70	1.06	9.17	75	9.92
Ohio	4,117	12,121	2.25	1.86	10.77	133	32.18
Pennsylvania	8,581	12,054	2.25	1.87	13.43	--	--
South Carolina	4,496	12,563	1.23	.98	9.81	194	48.68
Tennessee	6,125	12,021	1.57	1.30	9.80	137	33.04
Texas	13,435	8,594	.33	.38	5.10	134	22.98
Utah	3,393	10,943	.49	.45	12.43	108	23.54
Virginia	2,225	12,722	.93	.73	10.08	189	48.11
West Virginia	76	12,127	1.88	1.55	11.91	141	34.10
Wisconsin	1,803	9,929	.58	.58	6.30	140	27.87
Wyoming	41	8,706	.44	.51	7.40	85	14.80
Total	1,002,032	10,074	.97	.96	8.97	134	27.30

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "*").

Notes: • Includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal. • Receipts, heat value, sulfur, and ash reflect data supplied via both the Form EIA-423 and the FERC Form 423. Average delivered cost of fuel reflects data supplied via the FERC Form 423 only. • Totals may not equal sum of components because of independent rounding. • The cost of coal receipts displayed for the States of Alabama, Florida, Kentucky, and Tennessee does not represent the total average delivered cost of coal for these States and their respective Census Divisions. In some instances, coal is delivered to a transfer facility prior to being delivered to the power plant. The costs presented in this table reflect the initial delivery costs, not any additional costs incurred to deliver the coal from the transfer facility to the power plant site. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Appendix

Technical Notes

This appendix describes how the Energy Information Administration (EIA) collects, estimates, and reports electric power data in the Cost and Quality of Fossil Fuels for Electric Plants report. Following is a description of the ongoing data quality efforts and sources of data for the Cost and Quality of Fossil Fuels for Electric Plants report.

Data Quality

The Cost and Quality of Fossil Fuels for Electric Plants is prepared by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF), Energy Information Administration (EIA), U.S. Department of Energy (DOE). The CNEAF office performs routine reviews of the data collected and the forms on which they are collected. Additionally, to assure that the data are collected from the complete set of respondents, CNEAF routinely reviews the frames for each data collection.

Unified Data Submission Process

Data submitted to EIA are either received on paper forms or entered directly by respondents into CNEAF's Internet Data Collection System (IDC). Hard copy forms are keyed by EIA into the IDC. All data are subject to review via edits built into the IDC, additional quality assurance reports, and review by subject matter experts. Questionable data values are verified through contacts with respondents. Also, survey non-respondents are identified and contacted.

Initial edit checks of the data are performed through the IDC by the respondent. Other program edits include both deterministic checks, in which records are checked for the presence of data in required fields, and statistical checks, in which the data are checked against a range of values based on historical data values and for logical or mathematical consistency with data elements reported in the survey. Discrepancies found in the data, as a result of these checks, are resolved either by the processing staff or by further information obtained from a telephone call to the respondent company.

Those respondents unable to use the electronic reporting method provide the data in hard copy, typically via fax and email. These data are manually entered into the computerized database and are subjected to the same data edits as those that are electronically submitted. Resolution of questionable data is accomplished via telephone or email contact with the respondents.

Reliability of Data

Survey data have nonsampling errors. Non-sampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse); (2) response errors; (3) definitional difficulties; (4) differences in the interpretation of questions; (5) mistakes in recording or coding the data; and (6) other errors of collection, response, coverage, and estimation for missing data. Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence.

Data Revision Procedure

CNEAF has adopted the following procedures with respect to the revision of data disseminated in energy data products:

- Annual survey data are disseminated either as preliminary or final when first appearing in a data product. Data initially released as preliminary will be so noted in the data product. These data are typically released as final by the next dissemination of the same product; however, if final data are available at an earlier interval they may be released in another product.
- All monthly survey data are first disseminated as preliminary. These data are revised only after the completion of the 12-month cycle of the data. No revisions are made to the published data before this unless significant errors are discovered. In that case, determination as to whether the data should be revised is described in a later bullet.
- Any CNEAF data released as preliminary or estimated will be revised, if necessary, and disseminated as final at the same levels of aggregation in a future data product.
- After data are disseminated as final, further revisions will be considered if they make a difference of 1 percent or greater at the national level. Revisions for differences that do not meet the 1 percent or greater threshold will be determined by the Office Director. In either case,

the proposed revision will be subject to the EIA revision policy concerning how it affects other EIA products.

- The stages of the data (e.g., preliminary, estimated, final, revised) will be so designated in table/figure titles, headers, or footnotes, or in the accompanying text.
- The magnitudes of changes due to revisions experienced in the past will be included periodically in the data products, so that the reader can assess the accuracy of the data.

The Cost and Quality of Fossil Fuels for Electric Plants 2004 and 2005 presents the most current annual data available to the EIA. The statistics may differ from those published previously in EIA publications due to corrections, revisions, or other adjustments to the data subsequent to its original release but will be consistent with the Electric Power Annual 2005.

Rounding and Percent Change Calculations

Rounding Rules for Data. To round a number to n digits (decimal places), add one unit to the nth digit if the (n+1) digit is 5 or larger and keep the nth digit unchanged if the (n+1) digit is less than 5. The symbol for a number rounded to zero is (*).

Percent Change. The following formula is used to calculate percent differences.

$$\text{Percent Change} = \left(\frac{x(t_2) - x(t_1)}{x(t_1)} \right) \times 100,$$

where $x(t_1)$ and $x(t_2)$ denote the quantity at year t_1 and subsequent year t_2 .

Data Sources for the Cost and Quality of Fossil Fuels for Electric Plants

Data published in the report are compiled from forms filed monthly by electric utilities and electricity generators. The applicable EIA form is Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." A brief description of this form can be found on the EIA website on the Internet with the following URL:

<http://www.eia.doe.gov/cneaf/electricity/page/define.html>
Survey data from the Federal Energy Regulatory Commission are also utilized for this publication. This information is derived from the FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Form EIA-423

The Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," collects information from selected electric generating plants in the United States. These plants include independent power producers (including those facilities that formerly reported on the FERC Form 423) and commercial and industrial combined heat and power producers whose total fossil-fueled nameplate generating capacity is 50 or more megawatts. The data collected on this survey include the cost and quality of fossil fuels delivered to nonutility plants to produce electricity. The Form EIA-423 survey respondents are required to submit their data by the 45th calendar day following the close of the month.

Instrument and Design History. The Form EIA-423 was originally implemented in January 2002 to collect monthly cost and quality data for fossil fuel receipts from owners or operators of nonutility electricity generating plants. Due to the restructuring of the electric power industry, many plants which had historically submitted this information for utility plants on the FERC Form 423 (see subsequent section) were being transferred to the nonutility sector. As a result, a large percentage of fossil fuel receipts were no longer being reported. The Form EIA-423 was implemented to fill this void and to capture the data associated with existing nonregulated power producers. Its design closely follows that of the FERC Form 423.

Formulas and Methodologies. Data for the Form EIA-423 are collected at the plant level. These data are then used in the following formulas to produce aggregates and averages for each fuel type at the State, Census Division, and U.S. levels. For these formulas, receipts and average heat content are at the plant level. For each geographic region, the summation sign, \sum , represents the sum of all facilities in that geographic region.

For coal, units for receipts are in tons, units for average heat contents (A) are in million Btu per ton.

For petroleum, units for receipts are in barrels, units for average heat contents (A) are in million Btu per barrel.

For gas, units for receipts are in thousand cubic feet (Mcf), units for average heat contents (A) are in million Btu per thousand cubic feet.

For each of the above fossil fuels:

$$\text{Total Btu} = \sum_i (R_i \times A_i),$$

where i denotes a facility; R_i = receipts for facility i ;

A_i = average heat content for receipts at facility i ;

$$\text{Weighted Average Btu} = \frac{\sum_i (R_i \times A_i)}{\sum_i R_i},$$

where i denotes a facility; R_i = receipts for facility i ; and, A_i = average heat content for receipts at facility i .

The weighted average cost in cents per million Btu is calculated using the following formula:

$$\text{Weighted Average Cost} = \frac{\sum_i (R_i \times A_i \times C_i)}{\sum_i (R_i \times A_i)},$$

where i denotes a facility; R_i = receipts for facility i ;

A_i average heat content for receipts at facility i ;

and C_i = cost in cents per million Btu for facility i .

The weighted average cost in dollars per unit (i.e., tons, barrels, or Mcf) is calculated using the following formula:

$$\text{Weighted Average Cost} = \frac{\sum_i (R_i \times A_i \times C_i)}{10^2 \sum_i R_i},$$

where i denotes a facility; R_i = receipts for facility i ;

A_i = average heat content for receipts at facility i ;

and, C_i = cost in cents per million Btu for facility i .

Issues within Historical Data Series. Natural gas values for 2001 forward do not include blast furnace gas or other gas.

Confidentiality of the Data. Plant fuel cost data collected on the survey are considered confidential. State and national level aggregations will be published in this report if sufficient data are available to avoid disclosure of individual company and plant level costs.

FERC Form 423

The Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," is administered by FERC. The data are downloaded from the Commission's website into an EIA database. The Form is due to FERC no later than 45 days after the end of the report month and is filed by approximately 600 regulated plants. To meet the criteria for filing, a plant must have a total steam turbine electric generating capacity and/or combined-cycle (gas turbine with associated steam turbine) generating capacity of 50 or more megawatts. Only fuel delivered for use in steam-turbine and combined-cycle units is reported. Fuel received for use in gas-turbine or internal-combustion units that is not associated with a combined-cycle operation is not reported.

Instrument and Design History. On July 7, 1972, the Federal Power Commission (FPC) issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, legally creating the FPC Form 423. Originally, the form was used to collect data only on fossil-steam plants, but was amended in 1974 to include data on internal-combustion and combustion-turbine units. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated peaking units, for which data were previously collected on the FPC Form 423. In addition, the generator nameplate capacity threshold was changed from 25 megawatts to 50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. All historical FPC Form 423 data in this publication were revised to reflect the new generator-nameplate-capacity threshold of 50 or more megawatts reported on the FERC Form 423. In January 1991, the collection of data on the FERC Form 423 was extended to include combined-cycle units. Historical data have not been revised to include these units. Starting with the January 1993 data, the FERC began to collect the data directly from the respondents.

Data Processing and Data System Editing. The FERC posts a monthly file on their website: <http://www.ferc.gov/docs-filing/eforms.asp#423>. The EIA downloads the file and reviews the data for accuracy. Edit checks of the data are performed through computer programs. These edits include both deterministic checks in which records are checked for the presence of data in required fields, and statistical checks in which the data are checked against a range of values based on historical data values and for logical or mathematical consistency with other data elements in the file.

Estimation for FERC Form 423 Data. In order to address FERC Form 423 fuel receipts data that were determined to either be out of range (+/- 20 percent) or

missing due to non-response for the reporting period beginning in 2003, a procedure was utilized to estimate fuel receipts for the affected plants on a monthly basis. For missing or out-of-range natural gas receipts, the monthly consumption value from the Form EIA-906, "Power Plant Report," was used as a proxy for the monthly receipts. For missing or out-of-range coal and petroleum receipts, the estimated monthly fuel receipts were calculated using the Form EIA-906 data (where receipts were estimated to be equal to the monthly fuel consumption plus the difference between ending and beginning fuel stocks).

The associated fuel quality and cost information for each facility was estimated using the State weighted average for the electric power industry for the year (FERC Form 423 and Form EIA-423). In the event that no values were available at the State level, national averages for the electric power industry for the year were used.

Beginning in 2005, the procedure used the state or national averages for fuel quality and cost information only in the event of non-response. For out of range receipts the reported fuel quality and cost information for each facility was retained.

Formulas and Methodologies. Data for the FERC Form 423 are collected at the plant level. These data are then used in the same formulas shown under the "Formulas and Methodologies" section for the Form EIA-423 to produce aggregates and averages for each fuel type at the State, Census division, and U.S. levels.

Issues within Historical Data Series. The FERC Form 423 data published by EIA have been reviewed for consistency between volumes and prices and for their consistency over time.

Receipts data for regulated utilities are compiled by EIA from data collected by the Federal Energy Regulatory Commission (FERC) on the FERC Form 423. These data are collected by FERC for regulatory rather than statistical and publication purposes. EIA does not attempt to resolve any late filing issues in the FERC Form 423 data. Due to the estimation procedure discussed previously, 2003 and later data cannot be directly compared to previous years' data.

Confidentiality of the Data. Data collected on FERC Form 423 are not considered to be confidential.