

Cost and Quality of Fuels for Electric Plants 2006 and 2007

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Preface

Background

The *Cost and Quality of Fuels for Electric Plants 2006 and 2007* 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 2005 and 2006*. Prior to 2002, the data for the unregulated plants were not collected by the Federal government.

Coverage of Sources

The information contained in this publication is compiled from both the Federal Energy Regulatory Commission (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.

Please note that the cost data on the Form EIA-423 survey are considered sensitive. 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 2006 and 2007*, 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 2006 and 2007* tables (i.e., where fuel rank, mine type or purchase type are presented), the sensitivity 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.

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Summary Tables

Table ES1.A. Receipts of Fossil Fuels by Type of Fuel, 2007

Type of Fuel	Total All Sectors	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Total Coal (thousand tons)¹	1,054,664	767,377	273,216	531	13,540
Bituminous ²	439,154	343,042	87,139	531	8,442
Subbituminous	505,155	377,664	124,265	--	3,226
Lignite	71,930	33,950	37,980	--	--
Total Petroleum (thousand barrels)	88,347	48,847	30,454	43	9,003
Petroleum Liquids	60,068	34,026	20,486	43	5,514
Residual ³	49,336	29,935	15,308	--	4,093
Distillate ⁴	8,452	4,091	3,652	43	667
Other Fuel Oil ⁵	2,280	--	1,526	--	754
Petroleum Coke ⁶	28,279	14,821	9,969	--	3,490
Total Natural Gas (million cubic feet)⁷	7,200,316	2,315,637	3,990,546	22,955	871,178

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 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 the liquid petroleum equivalent, the quantity conversion is 5 barrels (or 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, 2006

Type of Fuel	Total All Sectors	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Total Coal (thousand tons)¹	1,079,943	797,361	266,856	518	15,208
Bituminous ²	462,992	360,282	93,571	518	8,620
Subbituminous.....	504,947	389,585	112,222	--	3,141
Lignite.....	75,742	35,032	38,499	--	2,211
Total Petroleum (thousand barrels).....	100,965	59,993	34,391	137	6,444
Petroleum Liquids.....	65,002	42,415	19,236	137	3,214
Residual ³	54,102	37,288	14,559	--	2,254
Distillate ⁴	9,217	5,127	3,362	137	591
Other Fuel Oil ⁵	1,683	--	1,314	--	369
Petroleum Coke ⁶	35,963	17,578	15,155	--	3,229
Total Natural Gas (million cubic feet)⁷	6,675,246	2,163,113	3,647,102	20,819	844,211

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 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 the liquid petroleum equivalent, the quantity conversion is 5 barrels (or 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, 2007

Type of Fuel	Total All Sectors	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Total Coal (dollars per ton)¹	35.48	36.06	33.11	62.46	49.16
Bituminous ²	50.10	49.83	50.20	62.46	59.21
Subbituminous.....	25.27	25.05	25.77	--	31.06
Lignite.....	16.51	15.40	17.50	--	--
Total Petroleum (dollars per barrel)	43.50	43.92	44.95	81.93	36.18
Petroleum Liquids.....	59.93	58.73	64.01	81.93	52.06
Residual ³	55.08	54.22	57.38	--	52.73
Distillate ⁴	86.39	91.70	83.86	81.93	67.92
Other Fuel Oil ⁵	66.95	--	83.03	--	34.38
Petroleum Coke ⁶	8.60	9.91	5.79	--	11.08
Total Natural Gas (dollar per Mcf)⁷	7.30	7.67	7.11	8.18	7.18
Total Coal (cents per MMBtu)¹	177	178	171	267	220
Bituminous ²	208	208	203	267	242
Subbituminous.....	145	143	149	--	176
Lignite.....	128	120	136	--	--
Total Petroleum (cents per MMBtu)	717	712	754	1,404	611
Petroleum Liquids.....	959	924	1,049	1,404	853
Residual ³	864	843	915	--	832
Distillate ⁴	1,485	1,579	1,447	1,404	1,136
Other Fuel Oil ⁵	1,313	--	1,601	--	699
Petroleum Coke ⁶	151	173	102	--	196
Total Natural Gas (cents per MMBtu)⁷	711	747	692	799	697

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, 2006

Type of Fuel	Total All Sectors	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Total Coal (dollars per ton)¹	34.09	34.26	33.04	61.95	42.76
Bituminous ²	48.97	48.45	50.28	61.95	55.32
Subbituminous.....	23.00	22.49	24.61	--	29.50
Lignite.....	14.86	13.87	15.71	--	15.94
Total Petroleum (dollars per barrel)	37.66	39.81	35.66	78.70	27.44
Petroleum Liquids.....	54.35	52.80	58.98	78.70	45.95
Residual ³	49.95	48.88	53.13	--	47.02
Distillate ⁴	77.88	81.36	76.76	78.70	53.78
Other Fuel Oil ⁵	66.94	--	78.18	--	26.86
Petroleum Coke ⁶	7.49	8.44	6.07	--	9.01
Total Natural Gas (dollar per Mcf)⁷	7.13	7.56	6.84	8.55	7.22

Total Coal (cents per MMBtu)¹	169	169	169	263	203
Bituminous ²	204	203	204	263	229
Subbituminous.....	131	128	141	--	164
Lignite.....	115	107	122	--	117
Total Petroleum (cents per MMBtu)	623	648	603	1,350	473
Petroleum Liquids.....	868	833	965	1,350	757
Residual ³	785	762	851	--	741
Distillate ⁴	1,328	1,398	1,304	1,350	881
Other Fuel Oil ⁵	1,342	--	1,514	--	617
Petroleum Coke ⁶	133	149	107	--	163
Total Natural Gas (cents per MMBtu)⁷	694	736	666	833	702

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), 2007 - 2006

State of Origin	Heat Value (Btu per pound)		Sulfur (percent by weight)		Sulfur (pounds per Million Btu)		Ash (percent by weight)	
	2007	2006	2007	2006	2007	2006	2007	2006
Alabama.....	12,008	12,444	1.43	1.53	1.19	1.23	12.57	13.34
Arizona.....	10,894	10,912	.55	.52	.50	.48	9.74	9.52
Colorado.....	11,220	11,110	.51	.49	.45	.44	9.66	9.73
Illinois.....	11,411	11,352	2.47	2.36	2.17	2.08	8.60	8.68
Indiana.....	11,165	11,137	2.47	2.29	2.21	2.06	8.97	8.98
Kansas.....	11,118	11,265	3.84	4.08	3.45	3.62	15.38	15.08
Kentucky.....	12,183	12,136	1.64	1.59	1.34	1.31	10.56	10.80
Louisiana.....	6,855	6,993	.73	.97	1.07	1.38	13.02	11.48
Maryland.....	11,985	12,069	1.70	1.73	1.42	1.43	15.73	14.30
Mississippi.....	5,100	5,115	.47	.48	.92	.94	16.09	15.80
Missouri.....	10,831	10,859	3.57	3.56	3.29	3.28	14.07	15.55
Montana.....	8,973	8,982	.48	.50	.54	.56	6.71	6.86
New Mexico.....	9,309	9,359	.75	.73	.81	.78	20.12	19.15
North Dakota.....	6,504	6,545	.76	.73	1.17	1.11	10.12	10.06
Ohio.....	12,243	12,269	3.36	3.44	2.74	2.80	9.38	9.49
Oklahoma.....	10,572	10,724	2.62	2.75	2.48	2.57	24.44	23.90
Pennsylvania.....	11,980	12,069	1.96	1.92	1.64	1.59	13.61	13.13
Tennessee.....	12,786	12,850	1.22	1.28	.95	1.00	8.50	8.14
Texas.....	6,463	6,515	1.03	1.12	1.59	1.71	16.23	16.80
Utah.....	11,439	11,399	.60	.65	.53	.57	12.36	12.30
Virginia.....	12,592	12,593	1.03	1.02	.82	.81	11.01	10.86
Washington.....	--	7,804	--	1.00	--	1.29	--	16.30
West Virginia.....	12,262	12,256	1.38	1.35	1.12	1.10	11.73	11.95
Wyoming.....	8,648	8,670	.31	.31	.36	.36	5.20	5.21
Subtotal.....	9,969	10,004	.96	.96	.96	.96	8.77	8.97
Imported.....	11,475	11,464	.55	.57	.47	.50	6.37	6.32
Unclassified.....	11,022	10,844	2.17	1.63	1.97	1.50	18.48	14.24
Total.....	10,028	10,063	.96	.97	.96	.96	8.84	9.03

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), 2007 - 2006

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)
2007							
Total Coal ¹	1,054,664	10,028	.96	.96	8.84	177	35.48
Bituminous ²	439,154	12,045	1.61	1.34	10.32	208	50.10
Subbituminous.....	505,155	8,736	.34	.39	6.02	145	25.27
Lignite.....	71,930	6,430	.90	1.40	14.04	128	16.51
2006							
Total Coal ¹	1,079,943	10,063	.97	.96	9.03	169	34.09
Bituminous ²	462,992	12,018	1.57	1.31	10.47	204	48.97
Subbituminous.....	504,947	8,755	.35	.40	6.13	131	23.00
Lignite.....	75,742	6,483	.95	1.47	14.36	115	14.86

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), 2007 and 2006 (Thousand Tons)

Census Division and State	2007	2006
New England	8,467	9,335
Connecticut.....	2,008	2,276
Maine.....	267	148
Massachusetts.....	4,694	5,054
New Hampshire.....	1,498	1,856
Rhode Island.....	--	--
Vermont.....	--	--
Middle Atlantic	66,674	68,909
New Jersey.....	4,017	5,011
New York.....	9,999	9,952
Pennsylvania.....	52,657	53,947
East North Central	237,109	244,367
Illinois.....	58,477	59,603
Indiana.....	59,882	63,296
Michigan.....	37,014	37,594
Ohio.....	58,372	60,108
Wisconsin.....	23,364	23,766
West North Central	152,029	150,025
Iowa.....	22,592	20,344
Kansas.....	24,384	22,488
Minnesota.....	19,883	19,305
Missouri.....	45,843	48,265
Nebraska.....	12,780	13,042
North Dakota.....	24,931	24,566
South Dakota.....	1,616	2,016
South Atlantic	190,849	197,866
Delaware.....	2,407	2,376
District of Columbia.....	--	--
Florida.....	31,566	36,386
Georgia.....	41,679	42,964
Maryland.....	11,788	12,052
North Carolina.....	32,928	32,408
South Carolina.....	16,895	17,289
Virginia.....	14,746	15,442
West Virginia.....	38,839	38,949
East South Central	117,361	127,909
Alabama.....	37,887	36,649
Kentucky.....	40,063	41,809
Mississippi.....	9,964	10,256
Tennessee.....	29,447	39,195
West South Central	156,519	156,279
Arkansas.....	15,175	15,689
Louisiana.....	16,756	15,773
Oklahoma.....	22,063	22,753
Texas.....	102,524	102,064
Mountain	116,319	116,267
Arizona.....	21,583	20,981
Colorado.....	19,828	19,827
Idaho.....	--	--
Montana.....	11,479	11,028
Nevada.....	3,572	3,695
New Mexico.....	16,012	16,972
Utah.....	17,400	17,187
Wyoming.....	26,446	26,577
Pacific Contiguous	8,633	8,324
California.....	1,157	1,575
Oregon.....	2,291	1,918
Washington.....	5,184	4,831
Pacific Noncontiguous	704	661
Alaska.....	--	--
Hawaii.....	704	661
U.S. Total	1,054,664	1,079,943

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), 2007 and 2006

Census Division and State	2007		2006		Percent Change 2006-2007 (cents per million Btu)	Percent Change 2006-2007 (dollars per ton)
	(cents per million Btu)	(dollars per ton)	(cents per million Btu)	(dollars per ton)		
New England.....	285	66.18	271	62.60	5.08	5.73
Connecticut.....	W	W	W	W	W	W
Maine.....	W	W	W	W	W	W
Massachusetts.....	278	64.45	278	64.22	-.05	.36
New Hampshire.....	290	75.92	256	67.49	13.25	12.49
Rhode Island.....	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--
Middle Atlantic.....	192	43.91	190	43.94	1.19	-.08
New Jersey.....	289	68.69	273	69.71	5.83	-1.46
New York.....	241	54.95	240	55.59	.60	-1.15
Pennsylvania.....	175	39.92	172	39.40	1.84	1.32
East North Central.....	160	32.56	154	31.30	4.37	4.04
Illinois.....	134	23.95	126	22.59	5.72	6.02
Indiana.....	W	W	W	W	W	W
Michigan.....	172	34.11	168	33.55	2.23	1.67
Ohio.....	171	39.39	170	39.24	.66	.38
Wisconsin.....	W	W	W	W	W	W
West North Central.....	W	W	W	W	W	W
Iowa.....	W	W	W	W	W	W
Kansas.....	123	21.12	119	20.54	3.09	2.82
Minnesota.....	W	W	W	W	W	W
Missouri.....	W	W	W	W	W	W
Nebraska.....	88	14.96	80	13.66	9.51	9.52
North Dakota.....	98	13.02	88	11.71	11.76	11.19
South Dakota.....	156	26.57	151	25.81	2.98	2.94
South Atlantic.....	238	57.17	233	55.90	2.10	2.27
Delaware.....	W	W	W	W	W	W
District of Columbia.....	--	--	--	--	--	--
Florida.....	256	61.92	256	62.27	-.34	-.56
Georgia.....	W	W	W	W	W	W
Maryland.....	212	53.11	227	56.73	-6.37	-6.38
North Carolina.....	274	67.92	269	65.91	2.18	3.05
South Carolina.....	W	W	W	W	W	W
Virginia.....	249	62.34	245	61.59	1.72	1.22
West Virginia.....	173	41.69	167	40.05	3.40	4.09
East South Central.....	W	W	W	W	W	W
Alabama.....	206	43.93	211	45.86	-2.10	-4.21
Kentucky.....	175	40.80	170	39.32	2.94	3.76
Mississippi.....	W	W	W	W	W	W
Tennessee.....	W	W	W	W	W	W
West South Central.....	150	23.89	138	22.08	8.17	8.20
Arkansas.....	160	27.95	147	25.79	9.13	8.38
Louisiana.....	W	W	W	W	W	W
Oklahoma.....	W	W	W	W	W	W
Texas.....	W	W	W	W	W	W
Mountain.....	136	26.12	127	24.35	7.52	7.25
Arizona.....	W	W	W	W	W	W
Colorado.....	126	24.59	128	25.18	-1.58	-2.34
Idaho.....	--	--	--	--	--	--
Montana.....	W	W	W	W	W	W
Nevada.....	188	41.97	173	39.75	8.84	5.58
New Mexico.....	179	32.87	156	29.01	14.35	13.31
Utah.....	W	W	W	W	W	W
Wyoming.....	W	W	W	W	W	W
Pacific Contiguous.....	W	W	W	W	W	W
California.....	W	W	W	W	W	W
Oregon.....	138	23.06	130	21.62	6.17	6.66
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.....	177	35.48	169	34.09	4.45	4.08

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), 2007

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.....	5,759	313	82.18	2,707	264	69.00	--	--	--
Connecticut.....	2,008	--	--	--	--	--	--	--	--
Maine.....	247	--	--	20	--	--	--	--	--
Massachusetts.....	2,718	--	--	1,976	--	--	--	--	--
New Hampshire.....	787	313	82.18	711	264	69.00	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	60,517	298	74.93	6,157	227	58.46	--	--	--
New Jersey.....	3,743	369	96.94	275	--	--	--	--	--
New York.....	9,436	265	65.30	563	227	58.46	--	--	--
Pennsylvania.....	47,338	--	--	5,319	--	--	--	--	--
East North Central.....	206,618	161	33.31	30,490	181	41.68	--	--	--
Illinois.....	56,911	137	26.75	1,566	176	36.47	--	--	--
Indiana.....	52,782	156	32.75	7,100	183	41.74	--	--	--
Michigan.....	33,034	165	32.19	3,980	197	44.23	--	--	--
Ohio.....	41,487	165	39.35	16,885	169	40.27	--	--	--
Wisconsin.....	22,404	164	29.00	960	232	47.51	--	--	--
West North Central.....	146,075	120	19.90	5,954	158	29.78	--	--	--
Iowa.....	21,882	104	17.71	710	188	38.35	--	--	--
Kansas.....	24,228	123	21.12	156	119	20.95	--	--	--
Minnesota.....	18,933	148	26.30	950	180	31.48	--	--	--
Missouri.....	43,115	129	22.58	2,728	180	35.93	--	--	--
Nebraska.....	11,389	88	15.00	1,392	85	14.58	--	--	--
North Dakota.....	24,912	98	13.01	19	160	27.78	--	--	--
South Dakota.....	1,616	156	26.57	--	--	--	--	--	--
South Atlantic.....	168,042	246	58.39	22,807	223	54.20	--	--	--
Delaware.....	1,792	--	--	615	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	26,311	255	61.86	5,256	241	57.79	--	--	--
Georgia.....	39,720	260	56.84	1,958	264	62.49	--	--	--
Maryland.....	11,546	--	--	241	--	--	--	--	--
North Carolina.....	32,396	275	68.02	532	254	61.67	--	--	--
South Carolina.....	12,376	235	59.16	4,519	225	56.06	--	--	--
Virginia.....	12,072	242	60.14	2,674	233	58.55	--	--	--
West Virginia.....	31,828	183	44.21	7,011	173	41.59	--	--	--
East South Central.....	105,200	195	43.37	12,161	214	50.76	--	--	--
Alabama.....	36,632	205	43.34	1,255	230	55.30	--	--	--
Kentucky.....	35,054	176	41.08	5,009	190	44.34	--	--	--
Mississippi.....	8,774	292	67.51	1,190	303	65.92	--	--	--
Tennessee.....	24,740	187	40.94	4,707	212	51.98	--	--	--
West South Central.....	129,623	157	25.81	26,895	154	26.44	--	--	--
Arkansas.....	1,834	169	29.13	13,340	159	27.79	--	--	--
Louisiana.....	14,705	213	34.25	2,051	--	--	--	--	--
Oklahoma.....	22,017	117	20.21	46	159	26.28	--	--	--
Texas.....	91,066	171	27.24	11,458	147	24.87	--	--	--
Mountain.....	112,035	139	27.06	4,284	155	31.66	--	--	--
Arizona.....	20,450	155	30.97	1,133	188	35.07	--	--	--
Colorado.....	17,818	126	24.50	2,010	128	25.35	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	11,477	111	14.73	1	140	24.31	--	--	--
Nevada.....	3,236	187	41.53	336	200	46.18	--	--	--
New Mexico.....	16,012	179	32.87	--	--	--	--	--	--
Utah.....	16,596	135	30.36	803	154	36.56	--	--	--
Wyoming.....	26,446	106	18.53	--	--	--	--	--	--
Pacific Contiguous.....	6,121	--	--	2,512	138	23.06	--	--	--
California.....	1,021	--	--	136	--	--	--	--	--
Oregon.....	--	--	--	2,291	138	23.06	--	--	--
Washington.....	5,100	--	--	85	--	--	--	--	--
Pacific Noncontiguous.....	529	--	--	175	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	529	--	--	175	--	--	--	--	--
U.S. Total.....	940,521	177	35.56	114,143	187	39.87	--	--	--

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), 2007 (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	5,621	--	--	2,846	290	75.92	--	--	--
Connecticut.....	1,360	--	--	648	--	--	--	--	--
Maine.....	157	--	--	110	--	--	--	--	--
Massachusetts.....	4,104	--	--	589	--	--	--	--	--
New Hampshire.....	--	--	--	1,498	290	75.92	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic	19,035	243	59.78	33,818	232	60.30	13,820	--	--
New Jersey.....	1,571	--	--	2,447	369	96.94	--	--	--
New York.....	4,332	243	59.78	5,667	226	58.77	--	--	--
Pennsylvania.....	13,132	--	--	25,704	--	--	13,820	--	--
East North Central	182,888	156	31.28	53,048	180	43.45	1,172	--	--
Illinois.....	53,239	129	24.25	5,238	159	33.69	--	--	--
Indiana.....	44,364	153	31.38	15,518	175	40.73	--	--	--
Michigan.....	28,550	144	26.45	8,220	234	58.84	244	--	--
Ohio.....	35,374	176	41.02	22,070	150	37.11	928	--	--
Wisconsin.....	21,361	155	26.94	2,003	279	67.86	--	--	--
West North Central	150,033	120	19.94	1,996	244	58.84	--	--	--
Iowa.....	21,868	104	17.68	724	305	72.60	--	--	--
Kansas.....	24,384	123	21.12	--	--	--	--	--	--
Minnesota.....	19,858	150	26.48	25	346	84.28	--	--	--
Missouri.....	44,596	129	22.61	1,248	230	55.72	--	--	--
Nebraska.....	12,780	88	14.96	--	--	--	--	--	--
North Dakota.....	24,931	98	13.02	--	--	--	--	--	--
South Dakota.....	1,616	156	26.57	--	--	--	--	--	--
South Atlantic	100,639	253	58.44	90,100	231	57.18	109	--	--
Delaware.....	332	--	--	2,076	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	14,245	265	62.69	17,322	244	59.91	--	--	--
Georgia.....	34,642	255	54.29	7,037	283	70.59	--	--	--
Maryland.....	6,482	--	--	5,213	--	--	93	--	--
North Carolina.....	20,098	276	68.08	12,830	274	67.63	--	--	--
South Carolina.....	5,911	245	61.27	10,968	226	56.70	17	--	--
Virginia.....	8,644	241	59.45	6,102	239	60.50	--	--	--
West Virginia.....	10,287	185	43.19	28,552	180	44.05	--	--	--
East South Central	55,709	203	42.87	61,652	193	45.20	--	--	--
Alabama.....	19,911	201	41.05	17,976	211	46.70	--	--	--
Kentucky.....	15,385	187	42.86	24,678	171	40.62	--	--	--
Mississippi.....	7,830	280	63.67	2,134	322	74.61	--	--	--
Tennessee.....	12,583	194	38.01	16,865	189	45.86	--	--	--
West South Central	150,909	156	26.12	5,610	133	22.49	--	--	--
Arkansas.....	15,175	160	27.95	--	--	--	--	--	--
Louisiana.....	16,756	213	34.25	--	--	--	--	--	--
Oklahoma.....	21,566	117	20.22	498	--	--	--	--	--
Texas.....	97,412	166	26.82	5,112	133	22.49	--	--	--
Mountain	84,506	132	24.41	31,814	156	33.76	--	--	--
Arizona.....	21,525	157	31.18	58	149	32.53	--	--	--
Colorado.....	16,750	124	23.55	3,078	136	30.24	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	11,479	111	14.77	--	--	--	--	--	--
Nevada.....	858	170	32.33	2,714	193	45.02	--	--	--
New Mexico.....	9,557	152	26.98	6,455	215	41.59	--	--	--
Utah.....	418	--	--	16,982	136	30.66	--	--	--
Wyoming.....	23,919	102	17.69	2,527	144	26.29	--	--	--
Pacific Contiguous	7,398	138	23.06	1,235	--	--	--	--	--
California.....	7	--	--	1,150	--	--	--	--	--
Oregon.....	2,291	138	23.06	--	--	--	--	--	--
Washington.....	5,100	--	--	85	--	--	--	--	--
Pacific Noncontiguous	704	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	704	--	--	--	--	--	--	--	--
U.S. Total	757,443	168	31.94	282,119	200	47.21	15,102	--	--

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), 2006

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.....	5,281	247	66.34	3,865	271	68.79	189	283	65.65
Connecticut.....	2,276	--	--	--	--	--	--	--	--
Maine.....	147	--	--	1	--	--	--	--	--
Massachusetts.....	1,973	--	--	2,892	303	69.79	189	283	65.65
New Hampshire.....	885	247	66.34	972	264	68.53	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	63,819	203	50.23	5,078	260	65.72	13	254	65.20
New Jersey.....	4,408	300	77.59	595	294	72.35	7	262	66.97
New York.....	9,247	222	57.70	699	227	59.03	6	244	63.18
Pennsylvania.....	50,164	164	39.35	3,783	--	--	--	--	--
East North Central.....	209,513	148	30.78	33,931	193	43.85	922	176	34.18
Illinois.....	58,307	131	24.66	1,296	177	38.28	--	--	--
Indiana.....	54,452	140	29.46	8,844	198	46.16	*	154	35.11
Michigan.....	29,392	150	29.42	7,435	217	45.25	766	183	36.26
Ohio.....	45,201	165	39.34	14,907	173	41.56	--	--	--
Wisconsin.....	22,160	141	25.16	1,449	219	40.98	156	136	23.98
West North Central.....	141,245	107	17.78	8,538	117	20.55	242	142	27.49
Iowa.....	19,543	101	17.16	584	210	42.60	218	134	25.30
Kansas.....	20,721	121	20.74	1,767	105	18.27	--	--	--
Minnesota.....	19,286	121	21.53	--	--	--	18	201	48.17
Missouri.....	44,941	110	19.26	3,319	124	22.22	6	192	44.34
Nebraska.....	10,284	75	12.71	2,758	101	17.21	--	--	--
North Dakota.....	24,538	88	11.69	27	150	25.96	--	--	--
South Dakota.....	1,932	151	25.78	84	153	26.46	--	--	--
South Atlantic.....	164,984	232	55.17	27,409	250	60.48	5,473	257	62.60
Delaware.....	1,866	--	--	510	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	23,650	251	61.43	7,730	251	59.68	5,006	258	62.63
Georgia.....	38,182	231	50.14	4,413	310	72.81	369	255	63.19
Maryland.....	11,599	--	--	453	--	--	--	--	--
North Carolina.....	30,713	269	65.76	1,686	283	68.80	9	255	62.18
South Carolina.....	14,553	230	57.99	2,647	244	60.75	89	233	58.61
Virginia.....	13,500	239	59.83	1,941	239	60.15	--	--	--
West Virginia.....	30,920	162	38.75	8,029	209	51.39	--	--	--
East South Central.....	103,754	178	39.47	19,499	246	56.15	4,656	147	26.62
Alabama.....	31,992	199	42.79	4,251	294	68.30	406	222	53.03
Kentucky.....	35,043	164	38.40	6,766	219	50.26	--	--	--
Mississippi.....	7,242	237	54.53	3,014	262	54.74	--	--	--
Tennessee.....	29,477	162	34.96	5,468	227	53.70	4,250	137	24.10
West South Central.....	129,504	141	23.09	26,775	141	24.52	--	--	--
Arkansas.....	2,371	113	19.52	13,318	153	26.91	--	--	--
Louisiana.....	12,857	177	28.00	2,916	--	--	--	--	--
Oklahoma.....	22,738	109	18.96	15	--	--	--	--	--
Texas.....	91,539	157	24.91	10,525	122	20.63	--	--	--
Mountain.....	113,622	127	24.52	2,645	169	35.93	--	--	--
Arizona.....	20,834	142	28.44	147	184	34.22	--	--	--
Colorado.....	17,689	123	23.78	2,138	173	36.73	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	11,026	87	14.54	2	140	24.31	--	--	--
Nevada.....	3,695	173	39.75	--	--	--	--	--	--
New Mexico.....	16,972	156	29.01	--	--	--	--	--	--
Utah.....	16,830	123	27.39	358	145	31.94	--	--	--
Wyoming.....	26,577	101	17.61	--	--	--	--	--	--
Pacific Contiguous.....	6,369	--	--	1,955	130	21.62	--	--	--
California.....	1,538	--	--	38	--	--	--	--	--
Oregon.....	--	--	--	1,918	130	21.62	--	--	--
Washington.....	4,831	--	--	--	--	--	--	--	--
Pacific Noncontiguous.....	602	--	--	59	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	602	--	--	59	--	--	--	--	--
U.S. Total.....	938,694	162	32.53	129,754	204	43.95	11,495	211	45.06

* = 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 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), 2006 (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.....	6,239	--	--	2,906	261	67.76	189	283	65.65
Connecticut.....	1,599	--	--	677	--	--	--	--	--
Maine.....	148	--	--	--	--	--	--	--	--
Massachusetts.....	4,492	--	--	373	303	69.79	189	283	65.65
New Hampshire.....	--	--	--	1,856	256	67.49	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	18,657	267	56.36	36,167	217	55.49	14,086	254	65.20
New Jersey.....	1,845	378	67.29	3,159	288	75.51	7	262	66.97
New York.....	4,246	255	62.84	5,690	218	57.30	16	244	63.18
Pennsylvania.....	12,566	208	39.67	27,318	159	39.30	14,063	--	--
East North Central.....	183,077	149	29.82	59,632	172	41.22	1,658	176	34.18
Illinois.....	53,983	117	21.00	5,621	153	31.45	--	--	--
Indiana.....	45,578	142	29.15	17,718	167	38.94	*	154	35.11
Michigan.....	28,778	137	25.40	7,813	241	60.97	1,002	183	36.26
Ohio.....	33,002	186	43.55	26,606	144	35.34	500	--	--
Wisconsin.....	21,736	136	23.69	1,874	250	59.99	156	136	23.98
West North Central.....	148,167	106	17.68	1,522	256	62.02	336	140	27.57
Iowa.....	19,524	102	17.37	602	301	67.35	218	134	25.30
Kansas.....	22,488	119	20.54	--	--	--	--	--	--
Minnesota.....	19,274	121	21.50	12	272	66.08	18	201	48.17
Missouri.....	47,257	107	18.79	908	251	61.35	100	139	28.73
Nebraska.....	13,042	80	13.66	--	--	--	--	--	--
North Dakota.....	24,566	88	11.71	--	--	--	--	--	--
South Dakota.....	2,016	151	25.81	--	--	--	--	--	--
South Atlantic.....	97,473	246	56.63	94,310	224	55.28	6,083	257	62.60
Delaware.....	486	--	--	1,890	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	14,478	260	62.02	16,902	245	60.14	5,006	258	62.63
Georgia.....	34,708	237	50.50	7,886	247	61.16	369	255	63.19
Maryland.....	5,588	--	--	5,855	--	--	610	--	--
North Carolina.....	18,978	272	66.51	13,421	265	65.00	9	255	62.18
South Carolina.....	5,566	248	62.12	11,634	225	56.62	89	233	58.61
Virginia.....	6,068	244	60.85	9,374	235	59.14	--	--	--
West Virginia.....	11,602	191	45.03	27,347	167	40.46	--	--	--
East South Central.....	59,994	188	39.81	63,259	189	44.25	4,656	147	26.62
Alabama.....	17,978	194	40.76	18,265	227	50.72	406	222	53.03
Kentucky.....	18,262	184	41.94	23,547	164	38.95	--	--	--
Mississippi.....	7,838	257	55.43	2,418	232	53.21	--	--	--
Tennessee.....	15,915	165	31.81	19,029	177	42.59	4,250	137	24.10
West South Central.....	153,571	141	23.57	2,708	114	19.46	--	--	--
Arkansas.....	15,689	147	25.79	--	--	--	--	--	--
Louisiana.....	15,773	177	28.00	--	--	--	--	--	--
Oklahoma.....	22,385	109	18.96	368	--	--	--	--	--
Texas.....	99,725	151	24.28	2,339	114	19.46	--	--	--
Mountain.....	84,550	120	22.09	31,717	145	31.61	--	--	--
Arizona.....	20,772	142	28.33	209	192	42.86	--	--	--
Colorado.....	15,501	121	22.85	4,326	149	33.54	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	11,028	87	14.54	--	--	--	--	--	--
Nevada.....	627	165	31.45	3,068	174	41.44	--	--	--
New Mexico.....	10,012	136	24.35	6,960	183	35.71	--	--	--
Utah.....	456	--	--	16,732	124	27.49	--	--	--
Wyoming.....	26,155	100	17.47	422	140	25.98	--	--	--
Pacific Contiguous.....	6,749	130	21.62	1,575	--	--	--	--	--
California.....	--	--	--	1,575	--	--	--	--	--
Oregon.....	1,918	130	21.62	--	--	--	--	--	--
Washington.....	4,831	--	--	--	--	--	--	--	--
Pacific Noncontiguous.....	660	--	--	--	--	--	1	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	660	--	--	--	--	--	1	--	--
U.S. Total.....	759,136	156	29.66	293,797	193	45.63	27,009	211	44.92

* = 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 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), 2007

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.....	6,994	12,095	290	1,452	9,213	--	--	--	--	8,467	11,602	285
Connecticut.....	695	12,323	--	1,313	9,207	--	--	--	--	2,008	10,286	W
Maine.....	247	13,201	--	--	--	--	--	--	--	267	13,171	W
Massachusetts.....	4,554	11,666	--	140	9,265	--	--	--	--	4,694	11,595	278
New Hampshire.....	1,498	13,109	290	--	--	--	--	--	--	1,498	13,109	290
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	38,663	12,560	234	6,541	8,904	--	--	--	--	66,674	11,427	192
New Jersey.....	2,925	12,911	369	1,092	9,156	--	--	--	--	4,017	11,890	289
New York.....	6,132	12,955	229	3,868	8,888	--	--	--	--	9,999	11,382	241
Pennsylvania.....	29,606	12,443	--	1,581	8,767	--	--	--	--	52,657	11,400	175
East North Central.....	101,109	11,803	168	130,091	8,796	155	--	--	--	237,109	10,146	160
Illinois.....	5,620	10,754	149	51,946	8,739	128	--	--	--	58,477	8,962	134
Indiana.....	41,909	11,348	152	17,973	8,814	183	--	--	--	59,882	10,588	W
Michigan.....	9,454	12,620	238	27,561	8,994	138	--	--	--	37,014	9,920	172
Ohio.....	41,988	12,200	163	11,387	8,805	194	--	--	--	58,372	11,495	171
Wisconsin.....	2,139	12,054	278	21,225	8,657	154	--	--	--	23,364	8,967	W
West North Central.....	3,099	11,547	233	124,836	8,639	122	23,789	6,504	97	152,029	8,368	W
Iowa.....	606	11,393	280	21,680	8,513	102	--	--	--	22,592	8,619	W
Kansas.....	390	11,047	175	23,993	8,542	122	--	--	--	24,384	8,582	123
Minnesota.....	194	11,410	375	19,689	8,828	147	--	--	--	19,883	8,853	W
Missouri.....	1,909	11,712	220	43,935	8,700	128	--	--	--	45,843	8,825	W
Nebraska.....	--	--	--	12,780	8,511	88	--	--	--	12,780	8,511	88
North Dakota.....	--	--	--	1,143	9,060	113	23,789	6,504	97	24,931	6,621	98
South Dakota.....	--	--	--	1,616	8,530	156	--	--	--	1,616	8,530	156
South Atlantic.....	172,969	12,346	246	16,840	8,630	202	--	--	--	190,849	11,997	238
Delaware.....	2,407	12,524	--	--	--	--	--	--	--	2,407	12,524	W
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	31,406	12,115	253	--	--	--	--	--	--	31,566	12,116	256
Georgia.....	26,316	12,384	286	15,363	8,583	199	--	--	--	41,679	10,983	W
Maryland.....	11,788	12,501	--	--	--	--	--	--	--	11,788	12,501	212
North Carolina.....	32,928	12,374	275	--	--	--	--	--	--	32,928	12,374	274
South Carolina.....	16,819	12,538	233	--	--	--	--	--	--	16,895	12,539	W
Virginia.....	14,746	12,531	240	--	--	--	--	--	--	14,746	12,531	249
West Virginia.....	36,558	12,268	180	1,477	9,120	226	--	--	--	38,839	12,046	173
East South Central.....	81,937	11,852	203	23,987	8,778	163	3,387	5,100	--	117,361	11,030	W
Alabama.....	18,680	11,743	214	14,369	8,771	166	--	--	--	37,887	10,644	206
Kentucky.....	35,862	11,770	180	1,294	8,815	144	--	--	--	40,063	11,661	175
Mississippi.....	6,425	11,510	294	152	8,823	252	3,387	5,100	--	9,964	9,290	W
Tennessee.....	20,970	12,195	200	8,172	8,782	159	--	--	--	29,447	11,255	W
West South Central.....	857	10,723	--	111,206	8,569	154	44,456	6,490	175	156,519	7,991	150
Arkansas.....	--	--	--	15,175	8,717	160	--	--	--	15,175	8,717	160
Louisiana.....	--	--	--	13,688	8,558	237	3,068	6,855	164	16,756	8,246	W
Oklahoma.....	857	10,723	--	21,206	8,655	117	--	--	--	22,063	8,735	W
Texas.....	--	--	--	61,136	8,506	161	41,388	6,463	181	102,524	7,681	W
Mountain.....	32,294	11,146	146	82,105	8,965	138	299	6,624	111	116,319	9,587	136
Arizona.....	7,995	10,894	142	13,588	9,387	167	--	--	--	21,583	9,946	W
Colorado.....	5,807	11,049	146	14,021	9,178	117	--	--	--	19,828	9,726	126
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	11,180	8,474	140	299	6,624	111	11,479	8,426	W
Nevada.....	2,714	11,674	193	858	9,500	170	--	--	--	3,572	11,151	188
New Mexico.....	--	--	--	16,012	9,198	179	--	--	--	16,012	9,198	179
Utah.....	15,779	11,219	139	--	--	--	--	--	--	17,400	11,156	W
Wyoming.....	--	--	--	26,446	8,684	106	--	--	--	26,446	8,684	W
Pacific Contiguous.....	1,232	11,874	--	7,391	8,915	138	--	--	--	8,633	9,341	W
California.....	1,148	11,865	--	--	--	--	--	--	--	1,157	11,868	W
Oregon.....	--	--	--	2,291	8,360	138	--	--	--	2,291	8,360	138
Washington.....	85	12,000	--	5,100	9,165	--	--	--	--	5,184	9,211	W
Pacific Noncontiguous.....	--	--	--	704	10,871	--	--	--	--	704	10,871	W
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	704	10,871	--	--	--	--	704	10,871	W
U.S. Total.....	439,154	12,045	208	505,155	8,736	143	71,930	6,430	120	1,054,664	10,028	177

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), 2006

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.....	7,616	12,055	262	1,718	9,208	--	--	--	--	9,335	11,531	271
Connecticut.....	677	12,050	--	1,599	9,212	--	--	--	--	2,276	10,056	W
Maine.....	147	12,783	--	--	--	--	--	--	--	148	12,784	W
Massachusetts.....	4,935	11,604	294	119	9,150	--	--	--	--	5,054	11,546	278
New Hampshire.....	1,856	13,196	256	--	--	--	--	--	--	1,856	13,196	256
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	43,618	12,564	219	4,788	8,858	271	--	--	--	68,909	11,573	190
New Jersey.....	4,943	12,824	288	68	8,893	378	--	--	--	5,011	12,770	273
New York.....	6,717	12,890	225	3,235	8,873	--	--	--	--	9,952	11,584	240
Pennsylvania.....	31,959	12,455	153	1,484	8,823	223	--	--	--	53,947	11,459	172
East North Central.....	109,630	11,755	169	131,076	8,818	134	--	--	--	244,367	10,178	154
Illinois.....	6,634	10,370	145	52,523	8,742	114	--	--	--	59,603	8,937	126
Indiana.....	44,964	11,367	151	18,332	8,849	145	--	--	--	63,296	10,638	W
Michigan.....	9,892	12,608	248	27,702	9,035	126	--	--	--	37,594	9,975	168
Ohio.....	46,088	12,138	165	10,805	8,841	168	--	--	--	60,108	11,525	170
Wisconsin.....	2,052	12,018	246	21,714	8,688	135	--	--	--	23,766	8,975	W
West North Central.....	3,120	11,407	213	123,298	8,653	107	23,487	6,545	87	150,025	8,382	W
Iowa.....	786	11,144	248	19,438	8,498	99	--	--	--	20,344	8,612	W
Kansas.....	432	11,191	173	22,056	8,556	118	--	--	--	22,488	8,607	119
Minnesota.....	156	11,216	314	19,149	8,892	119	--	--	--	19,305	8,911	W
Missouri.....	1,746	11,596	205	46,519	8,703	106	--	--	--	48,265	8,808	W
Nebraska.....	--	--	--	13,042	8,514	80	--	--	--	13,042	8,514	80
North Dakota.....	--	--	--	1,079	8,960	99	23,487	6,545	87	24,566	6,651	88
South Dakota.....	--	--	--	2,016	8,534	151	--	--	--	2,016	8,534	151
South Atlantic.....	178,802	12,323	239	17,468	8,681	197	--	--	--	197,866	11,978	233
Delaware.....	2,300	12,483	--	76	9,930	--	--	--	--	2,376	12,401	W
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	35,666	12,143	253	3	8,585	276	--	--	--	36,386	12,142	256
Georgia.....	27,198	12,356	257	15,767	8,645	198	--	--	--	42,964	10,994	W
Maryland.....	12,052	12,504	--	--	--	--	--	--	--	12,052	12,504	227
North Carolina.....	32,408	12,268	269	--	--	--	--	--	--	32,408	12,268	269
South Carolina.....	17,289	12,584	232	--	--	--	--	--	--	17,289	12,584	W
Virginia.....	15,442	12,592	239	--	--	--	--	--	--	15,442	12,592	245
West Virginia.....	36,447	12,218	173	1,622	8,966	194	--	--	--	38,949	11,967	167
East South Central.....	83,842	11,816	197	31,418	8,802	147	3,587	5,115	--	127,909	10,932	W
Alabama.....	19,301	11,707	230	12,542	8,795	148	--	--	--	36,649	10,879	211
Kentucky.....	35,831	11,707	176	2,052	8,826	152	--	--	--	41,809	11,568	170
Mississippi.....	5,376	11,565	248	1,293	8,803	243	3,587	5,115	--	10,256	8,961	W
Tennessee.....	23,334	12,130	185	15,531	8,803	137	--	--	--	39,195	10,819	W
West South Central.....	1,154	10,906	357	106,788	8,607	139	48,337	6,553	149	156,279	7,989	138
Arkansas.....	--	--	--	15,689	8,778	147	--	--	--	15,689	8,778	147
Louisiana.....	76	11,310	--	11,813	8,584	195	3,883	6,993	151	15,773	8,205	W
Oklahoma.....	1,015	10,791	--	21,738	8,651	109	--	--	--	22,753	8,747	W
Texas.....	63	12,282	357	57,548	8,548	148	44,453	6,515	148	102,064	7,665	W
Mountain.....	33,719	11,131	139	80,984	8,992	123	331	6,563	111	116,267	9,611	127
Arizona.....	8,237	10,921	138	12,744	9,423	146	--	--	--	20,981	10,011	W
Colorado.....	6,628	11,085	154	13,200	9,159	113	--	--	--	19,827	9,802	128
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	10,697	8,485	86	331	6,563	111	11,028	8,428	W
Nevada.....	3,068	11,900	174	627	9,514	165	--	--	--	3,695	11,495	173
New Mexico.....	--	--	--	16,972	9,282	156	--	--	--	16,972	9,282	156
Utah.....	15,786	11,111	127	167	9,371	139	--	--	--	17,187	10,981	W
Wyoming.....	--	--	--	26,577	8,708	101	--	--	--	26,577	8,708	W
Pacific Contiguous.....	1,491	12,186	--	6,749	8,472	130	--	--	--	8,324	9,174	W
California.....	1,491	12,186	--	--	--	--	--	--	--	1,575	12,184	W
Oregon.....	--	--	--	1,918	8,321	130	--	--	--	1,918	8,321	130
Washington.....	--	--	--	4,831	8,532	--	--	--	--	4,831	8,532	W
Pacific Noncontiguous.....	--	--	--	660	10,941	--	--	--	--	661	10,943	W
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	660	10,941	--	--	--	--	661	10,943	W
U.S. Total.....	462,992	12,018	203	504,947	8,755	128	75,742	6,483	107	1,079,943	10,063	169

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 5. Receipts of Petroleum Liquids for Electric Generation by Census Division and State: Total (All Sectors), 2007 and 2006
(Thousand Barrels)

Census Division and State	2007	2006
New England	8,561	8,280
Connecticut.....	1,722	2,430
Maine.....	1,536	763
Massachusetts.....	4,926	4,584
New Hampshire.....	372	502
Rhode Island.....	5	--
Vermont.....	--	--
Middle Atlantic	15,676	15,542
New Jersey.....	870	1,328
New York.....	13,030	12,301
Pennsylvania.....	1,775	1,912
East North Central	2,075	2,029
Illinois.....	286	215
Indiana.....	288	335
Michigan.....	842	765
Ohio.....	575	612
Wisconsin.....	84	101
West North Central	362	746
Iowa.....	78	95
Kansas.....	61	301
Minnesota.....	99	65
Missouri.....	64	109
Nebraska.....	12	103
North Dakota.....	48	73
South Dakota.....	--	*
South Atlantic	27,760	31,711
Delaware.....	366	265
District of Columbia.....	198	222
Florida.....	19,422	25,642
Georgia.....	736	382
Maryland.....	1,607	1,336
North Carolina.....	1,209	403
South Carolina.....	458	401
Virginia.....	3,151	2,330
West Virginia.....	613	731
East South Central	1,139	1,167
Alabama.....	246	153
Kentucky.....	179	197
Mississippi.....	597	649
Tennessee.....	117	168
West South Central	592	1,630
Arkansas.....	50	67
Louisiana.....	138	868
Oklahoma.....	220	30
Texas.....	184	665
Mountain	318	491
Arizona.....	78	146
Colorado.....	20	60
Idaho.....	--	--
Montana.....	31	48
Nevada.....	--	32
New Mexico.....	70	61
Utah.....	48	51
Wyoming.....	72	93
Pacific Contiguous	797	650
California.....	583	591
Oregon.....	5	11
Washington.....	209	48
Pacific Noncontiguous	2,787	2,757
Alaska.....	--	*
Hawaii.....	2,787	2,756
U.S. Total	60,068	65,002

* = 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), 2007 and 2006

Census Division and State	2007		2006		Percent Change 2006-2007 (cents per million Btu)	Percent Change 2006-2007 (dollars per barrel)
	(cents per million Btu)	(dollars per barrel)	(cents per million Btu)	(dollars per barrel)		
New England.....	919	58.04	808	50.83	13.75	14.18
Connecticut.....	971	60.32	850	53.13	14.18	13.53
Maine.....	883	55.83	762	48.81	15.84	14.38
Massachusetts.....	912	57.84	796	49.94	14.53	15.82
New Hampshire.....	914	58.55	782	50.95	16.90	14.92
Rhode Island.....	1,931	112.37	--	--	--	--
Vermont.....	--	--	--	--	--	--
Middle Atlantic.....	862	54.19	853	53.53	1.08	1.23
New Jersey.....	1,147	65.63	970	57.65	18.21	13.84
New York.....	807	51.28	821	51.97	-1.69	-1.33
Pennsylvania.....	1,149	69.97	982	60.72	17.07	15.23
East North Central.....	W	W	W	W	W	W
Illinois.....	1,744	100.57	1,465	86.82	19.03	15.84
Indiana.....	W	W	W	W	W	W
Michigan.....	W	W	W	W	W	W
Ohio.....	1,619	93.85	1,224	71.02	32.27	32.15
Wisconsin.....	W	W	W	W	W	W
West North Central.....	W	W	W	W	W	W
Iowa.....	1,745	100.84	1,532	89.26	13.93	12.97
Kansas.....	1,661	95.90	826	53.05	101.02	80.77
Minnesota.....	W	W	W	W	W	W
Missouri.....	1,713	98.89	1,457	83.94	17.56	17.81
Nebraska.....	1,669	96.75	1,534	89.01	8.78	8.70
North Dakota.....	1,783	104.21	1,486	86.72	19.99	20.17
South Dakota.....	--	--	1,546	90.23	--	--
South Atlantic.....	W	W	W	W	W	W
Delaware.....	1,304	78.92	1,351	78.96	-3.52	-0.05
District of Columbia.....	W	W	W	W	W	W
Florida.....	925	59.34	775	49.62	19.43	19.59
Georgia.....	W	W	W	W	W	W
Maryland.....	1,060	64.82	1,013	62.18	4.59	4.25
North Carolina.....	W	W	W	W	W	W
South Carolina.....	W	W	W	W	W	W
Virginia.....	922	57.39	875	55.18	5.31	4.01
West Virginia.....	W	W	W	W	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.....	763	49.60	830	54.22	-8.01	-8.52
Tennessee.....	1,611	91.37	1,400	80.21	15.08	13.91
West South Central.....	W	W	W	W	W	W
Arkansas.....	1,479	87.23	1,356	80.54	9.05	8.31
Louisiana.....	W	W	W	W	W	W
Oklahoma.....	678	41.97	1,331	84.60	-49.06	-50.39
Texas.....	1,248	72.41	866	52.69	44.08	37.43
Mountain.....	W	W	W	W	W	W
Arizona.....	1,671	98.88	1,625	94.92	2.84	4.17
Colorado.....	W	W	W	W	W	W
Idaho.....	--	--	--	--	--	--
Montana.....	W	W	W	W	W	W
Nevada.....	--	--	1,270	74.99	--	--
New Mexico.....	W	W	W	W	W	W
Utah.....	1,753	102.64	1,525	89.47	14.94	14.72
Wyoming.....	1,772	103.78	1,628	95.27	8.85	8.93
Pacific Contiguous.....	W	W	W	W	W	W
California.....	W	W	W	W	W	W
Oregon.....	1,619	97.24	1,406	82.18	15.18	18.33
Washington.....	W	W	W	W	W	W
Pacific Noncontiguous.....	W	W	W	W	W	W
Alaska.....	--	--	1,542	90.04	--	--
Hawaii.....	W	W	W	W	W	W
U.S. Total.....	959	59.93	868	54.35	10.49	10.27

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), 2007

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	85	--	--	135	1,577	91.39	--	--	--	219	1,577	91.38
Connecticut.....	30	--	--	46	--	--	--	--	--	77	--	--
Maine.....	6	--	--	7	--	--	--	--	--	13	--	--
Massachusetts.....	18	--	--	58	1,591	92.97	--	--	--	76	1,591	92.97
New Hampshire.....	30	--	--	18	1,576	91.19	--	--	--	48	1,576	91.19
Rhode Island.....	--	--	--	5	--	--	--	--	--	5	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	605	1,277	74.88	559	--	--	139	--	--	1,303	1,277	74.88
New Jersey.....	38	1,631	95.24	160	--	--	--	--	--	198	1,631	95.24
New York.....	139	1,263	74.05	82	--	--	139	--	--	361	1,263	74.05
Pennsylvania.....	427	--	--	317	--	--	--	--	--	744	--	--
East North Central	602	1,633	94.63	836	1,610	93.43	--	--	--	1,439	1,618	93.85
Illinois.....	155	1,533	87.34	131	1,863	107.17	--	--	--	286	1,830	105.17
Indiana.....	74	1,597	92.30	153	1,495	86.69	--	--	--	228	1,529	88.52
Michigan.....	--	--	--	266	1,641	95.18	--	--	--	266	1,641	95.18
Ohio.....	373	1,644	95.37	202	1,558	90.28	--	--	--	575	1,616	93.73
Wisconsin.....	--	--	--	84	1,652	97.11	--	--	--	84	1,652	97.11
West North Central	21	1,828	106.01	341	1,692	97.92	--	--	--	362	1,701	98.45
Iowa.....	--	--	--	78	1,745	100.84	--	--	--	78	1,745	100.84
Kansas.....	--	--	--	61	1,661	95.90	--	--	--	61	1,661	95.90
Minnesota.....	*	--	--	98	1,587	91.62	--	--	--	99	1,587	91.62
Missouri.....	1	1,494	88.45	64	1,716	99.04	--	--	--	64	1,713	98.89
Nebraska.....	1	1,850	107.36	12	1,660	96.19	--	--	--	12	1,669	96.75
North Dakota.....	19	1,843	106.77	29	1,744	102.55	--	--	--	48	1,783	104.21
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	1,855	1,557	90.52	2,156	1,489	86.69	--	--	--	4,011	1,522	88.54
Delaware.....	6	--	--	210	--	--	--	--	--	217	--	--
District of Columbia.....	198	--	--	--	--	--	--	--	--	198	--	--
Florida.....	220	1,601	92.89	559	1,567	90.83	--	--	--	779	1,577	91.41
Georgia.....	78	1,244	72.39	80	1,714	99.73	--	--	--	158	1,582	92.05
Maryland.....	174	--	--	498	--	--	--	--	--	672	--	--
North Carolina.....	354	1,494	86.74	12	1,383	80.14	--	--	--	366	1,491	86.53
South Carolina.....	213	1,587	91.97	--	--	--	--	--	--	213	1,587	91.97
Virginia.....	110	1,482	85.76	707	1,356	79.38	--	--	--	817	1,358	79.45
West Virginia.....	501	1,622	95.11	89	1,429	83.53	--	--	--	590	1,564	91.60
East South Central	135	1,476	86.44	311	1,593	91.14	2	1,316	78.96	448	1,563	89.96
Alabama.....	94	1,280	74.94	38	1,563	87.65	2	1,316	78.96	135	1,413	81.14
Kentucky.....	28	1,757	102.74	152	1,592	92.71	--	--	--	179	1,627	94.85
Mississippi.....	13	1,478	86.75	4	1,323	77.34	--	--	--	16	1,443	84.63
Tennessee.....	--	--	--	117	1,611	91.37	--	--	--	117	1,611	91.37
West South Central	46	1,597	94.23	255	1,508	88.55	--	--	--	301	1,522	89.38
Arkansas.....	--	--	--	50	1,479	87.23	--	--	--	50	1,479	87.23
Louisiana.....	46	1,598	94.30	5	928	55.83	--	--	--	51	1,430	84.79
Oklahoma.....	--	--	--	16	1,639	95.30	--	--	--	16	1,639	95.30
Texas.....	*	1,483	87.38	184	1,636	94.99	--	--	--	184	1,635	94.93
Mountain	38	1,642	95.13	265	1,783	104.17	--	--	--	303	1,772	103.42
Arizona.....	5	1,190	69.30	73	1,703	100.92	--	--	--	78	1,671	98.88
Colorado.....	2	1,929	107.16	18	1,822	107.96	--	--	--	20	1,845	107.78
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	16	--	--	--	--	--	--	--	--	16	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	70	1,897	108.36	--	--	--	70	1,897	108.36
Utah.....	--	--	--	48	1,753	102.64	--	--	--	48	1,753	102.64
Wyoming.....	16	1,755	102.00	57	1,777	104.28	--	--	--	72	1,772	103.78
Pacific Contiguous	--	--	--	54	1,619	97.24	--	--	--	54	1,619	97.24
California.....	--	--	--	49	--	--	--	--	--	49	--	--
Oregon.....	--	--	--	5	1,619	97.24	--	--	--	5	1,619	97.24
Washington.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	7	--	--	6	--	--	--	--	--	13	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	7	--	--	6	--	--	--	--	--	13	--	--
U.S. Total	3,393	1,570	91.28	4,917	1,584	91.96	142	1,316	78.96	8,452	1,579	91.70

* = 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), 2006

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.....	221	--	--	373	1,471	84.00	31	1,357	79.12	625	1,406	81.26
Connecticut.....	183	--	--	81	--	--	--	--	--	264	--	--
Maine.....	2	--	--	2	--	--	--	--	--	4	--	--
Massachusetts.....	36	--	--	274	1,592	87.99	29	1,353	78.93	339	1,398	80.72
New Hampshire.....	--	--	--	17	1,422	82.32	2	1,421	82.25	19	1,422	82.31
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	649	1,457	84.87	767	--	--	131	1,268	71.78	1,547	1,394	80.42
New Jersey.....	253	1,458	84.92	133	--	--	--	--	--	385	1,458	84.92
New York.....	15	1,246	73.48	426	--	--	131	1,268	71.78	572	1,268	71.78
Pennsylvania.....	381	1,354	80.19	209	--	--	--	--	--	590	1,354	80.19
East North Central.....	423	1,258	73.04	902	1,376	79.81	127	1,429	82.80	1,452	1,355	78.61
Illinois.....	102	1,257	71.60	75	1,600	92.06	6	1,560	89.95	182	1,493	85.68
Indiana.....	12	1,512	87.98	218	1,513	87.47	52	1,536	88.67	282	1,517	87.71
Michigan.....	--	--	--	267	1,443	83.83	8	1,343	78.12	274	1,440	83.67
Ohio.....	310	1,245	72.37	273	1,088	63.07	30	1,177	68.16	612	1,172	68.00
Wisconsin.....	--	--	--	69	1,503	88.39	32	1,487	86.70	101	1,498	87.82
West North Central.....	114	1,541	89.37	322	1,489	86.44	83	1,454	84.16	519	1,494	86.71
Iowa.....	--	--	--	85	1,542	89.93	10	1,444	83.72	95	1,532	89.26
Kansas.....	--	--	--	70	1,555	90.21	14	1,523	88.47	84	1,550	89.93
Minnesota.....	*	--	--	50	1,353	78.46	4	1,358	78.67	54	1,353	78.48
Missouri.....	--	--	--	76	1,476	85.07	33	1,413	81.37	109	1,457	83.94
Nebraska.....	90	1,546	89.71	12	1,442	83.60	1	1,582	91.77	103	1,534	89.01
North Dakota.....	23	1,519	88.07	29	1,456	85.61	21	1,490	86.73	73	1,486	86.72
South Dakota.....	--	--	--	--	--	--	*	1,546	90.23	*	1,546	90.23
South Atlantic.....	1,903	1,410	81.91	1,116	1,341	78.32	362	1,392	81.05	3,381	1,388	80.75
Delaware.....	13	--	--	208	--	--	--	--	--	221	--	--
District of Columbia.....	222	--	--	--	--	--	--	--	--	222	--	--
Florida.....	315	1,453	84.21	149	1,470	85.56	123	1,466	85.05	588	1,461	84.77
Georgia.....	118	1,414	82.23	6	1,624	94.45	15	1,351	78.58	139	1,410	82.00
Maryland.....	249	--	--	272	--	--	--	--	--	522	--	--
North Carolina.....	259	1,414	82.09	3	--	--	113	1,366	79.22	375	1,399	81.22
South Carolina.....	170	1,499	86.90	3	1,768	102.46	78	1,468	85.12	251	1,492	86.55
Virginia.....	18	1,170	67.35	334	1,290	75.59	9	1,367	79.99	361	1,287	75.30
West Virginia.....	538	1,154	67.60	139	1,291	75.21	25	964	58.59	702	1,206	70.72
East South Central.....	89	1,354	79.22	292	1,409	81.21	145	1,397	81.17	526	1,397	80.91
Alabama.....	83	1,342	78.48	34	1,415	79.96	25	1,336	78.24	142	1,360	78.83
Kentucky.....	6	1,528	89.85	160	1,430	83.46	13	1,513	88.49	179	1,440	84.10
Mississippi.....	--	--	--	13	1,367	80.30	23	1,313	76.93	36	1,333	78.17
Tennessee.....	--	--	--	84	1,380	78.36	83	1,420	82.07	168	1,400	80.21
West South Central.....	25	1,200	78.62	401	1,161	70.58	125	1,231	72.19	552	1,187	71.28
Arkansas.....	--	--	--	51	1,419	83.68	10	1,407	83.02	60	1,417	83.57
Louisiana.....	20	--	--	106	922	57.51	46	1,286	75.14	172	1,027	62.82
Oklahoma.....	5	1,200	78.62	11	1,446	94.10	14	1,289	79.57	30	1,331	84.60
Texas.....	--	--	--	234	1,389	80.67	56	1,139	66.03	290	1,253	72.71
Mountain.....	77	1,452	84.77	276	1,655	96.38	76	1,498	87.49	429	1,599	93.18
Arizona.....	10	753	43.85	112	1,721	100.50	23	1,571	91.82	145	1,631	95.22
Colorado.....	5	--	--	5	1,490	84.88	6	1,454	83.49	16	1,469	84.06
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	35	1,533	90.79	--	--	--	--	--	--	35	1,533	90.79
Nevada.....	--	--	--	--	--	--	28	1,334	77.97	28	1,334	77.97
New Mexico.....	--	--	--	61	1,710	97.69	--	--	--	61	1,710	97.69
Utah.....	--	--	--	38	1,477	86.64	13	1,672	98.15	51	1,525	89.47
Wyoming.....	28	1,662	96.31	60	1,608	94.52	6	1,679	98.03	93	1,628	95.27
Pacific Contiguous.....	27	--	--	80	--	--	66	1,587	93.32	173	1,587	93.33
California.....	--	--	--	80	--	--	34	1,384	80.58	114	1,384	80.58
Oregon.....	--	--	--	--	--	--	11	1,406	82.18	11	1,406	82.18
Washington.....	27	--	--	*	--	--	21	1,999	119.92	48	1,999	119.92
Pacific Noncontiguous.....	8	--	--	4	--	--	*	1,542	90.04	13	1,542	90.04
Alaska.....	--	--	--	--	--	--	*	1,542	90.04	*	1,542	90.04
Hawaii.....	8	--	--	4	--	--	--	--	--	13	--	--
U.S. Total.....	3,536	1,400	81.42	4,535	1,401	81.73	1,147	1,387	80.53	9,217	1,398	81.36

* = 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), 2007

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	1,845	--	--	6,383	854	55.40	--	--	--	8,227	854	55.40
Connecticut.....	855	--	--	748	--	--	--	--	--	1,603	--	--
Maine.....	731	--	--	729	--	--	--	--	--	1,460	--	--
Massachusetts.....	259	--	--	4,581	948	60.25	--	--	--	4,840	948	60.25
New Hampshire.....	--	--	--	324	853	55.36	--	--	--	324	853	55.36
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	9,772	806	51.88	3,917	491	31.04	--	--	--	13,688	738	47.34
New Jersey.....	2	900	56.63	312	464	29.48	--	--	--	314	468	29.69
New York.....	9,769	806	51.87	2,586	496	31.36	--	--	--	12,355	749	48.02
Pennsylvania.....	--	--	--	1,019	--	--	--	--	--	1,019	--	--
East North Central	--	--	--	637	755	48.28	--	--	--	637	755	48.28
Illinois.....	--	--	--	--	--	--	--	--	--	--	--	--
Indiana.....	--	--	--	61	--	--	--	--	--	61	--	--
Michigan.....	--	--	--	576	755	48.28	--	--	--	576	755	48.28
Ohio.....	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--	--	--	--
Iowa.....	--	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	16,629	889	57.41	7,069	894	57.10	--	--	--	23,699	890	57.32
Delaware.....	--	--	--	149	--	--	--	--	--	149	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	14,404	889	57.41	4,239	945	60.41	--	--	--	18,643	901	58.07
Georgia.....	578	--	--	--	--	--	--	--	--	578	--	--
Maryland.....	338	--	--	582	--	--	--	--	--	921	--	--
North Carolina.....	843	--	--	--	--	--	--	--	--	843	--	--
South Carolina.....	182	--	--	27	--	--	--	--	--	208	--	--
Virginia.....	261	--	--	2,072	795	50.76	--	--	--	2,333	795	50.76
West Virginia.....	23	--	--	--	--	--	--	--	--	23	--	--
East South Central	411	731	47.99	281	792	51.78	--	--	--	691	761	49.85
Alabama.....	79	--	--	32	--	--	--	--	--	111	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	332	731	47.99	249	792	51.78	--	--	--	581	761	49.85
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	204	--	--	87	814	53.10	--	--	--	291	814	53.10
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	--	--	--	87	814	53.10	--	--	--	87	814	53.10
Oklahoma.....	204	--	--	--	--	--	--	--	--	204	--	--
Texas.....	--	--	--	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	6	--	--	--	--	--	6	--	--
California.....	--	--	--	--	--	--	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	6	--	--	--	--	--	6	--	--
Pacific Noncontiguous	2,097	--	--	--	--	--	--	--	--	2,097	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	2,097	--	--	--	--	--	--	--	--	2,097	--	--
U.S. Total	30,957	861	55.55	18,379	800	51.10	--	--	--	49,336	843	54.22

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), 2006

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	1,217	--	--	6,360	759	49.67	34	781	50.09	7,611	761	49.69
Connecticut.....	585	--	--	1,548	--	--	--	--	--	2,133	--	--
Maine.....	420	--	--	339	--	--	--	--	--	759	--	--
Massachusetts.....	212	--	--	4,020	769	49.14	3	751	47.53	4,235	767	48.93
New Hampshire.....	--	--	--	453	759	49.69	31	784	50.33	484	760	49.73
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	8,079	777	49.86	4,996	574	36.04	490	808	51.06	13,565	747	47.70
New Jersey.....	1	946	59.48	678	609	38.60	2	713	45.25	681	609	38.65
New York.....	8,079	777	49.86	3,002	540	33.49	487	808	51.09	11,568	758	48.49
Pennsylvania.....	--	--	--	1,316	--	--	--	--	--	1,316	--	--
East North Central	33	--	--	538	720	46.29	5	750	47.55	577	720	46.31
Illinois.....	33	--	--	--	--	--	--	--	--	33	--	--
Indiana.....	--	--	--	53	--	--	--	--	--	53	--	--
Michigan.....	--	--	--	485	720	46.29	5	750	47.55	491	720	46.31
Ohio.....	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	216	582	38.74	11	810	51.69	227	592	39.34
Iowa.....	--	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	216	582	38.74	*	763	48.62	217	582	38.75
Minnesota.....	--	--	--	--	--	--	10	811	51.77	10	811	51.77
Missouri.....	--	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	5,674	670	43.72	16,704	792	50.54	5,896	760	48.83	28,273	763	48.97
Delaware.....	--	--	--	--	--	--	15	781	49.76	15	781	49.76
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	4,832	670	43.72	14,755	791	50.49	5,467	753	48.42	25,054	759	48.76
Georgia.....	111	--	--	133	1,030	64.47	*	856	49.15	244	1,030	64.44
Maryland.....	384	--	--	402	--	--	--	--	--	786	--	--
North Carolina.....	28	--	--	--	--	--	--	--	--	28	--	--
South Carolina.....	--	--	--	95	--	--	54	855	54.57	149	855	54.57
Virginia.....	295	--	--	1,314	778	49.65	360	848	54.09	1,968	793	50.60
West Virginia.....	24	--	--	5	1,315	55.17	--	--	--	29	1,315	55.17
East South Central	29	1,288	49.77	487	802	52.74	125	806	53.04	641	811	52.71
Alabama.....	11	--	--	*	--	--	--	--	--	11	--	--
Kentucky.....	18	1,288	49.77	--	--	--	--	--	--	18	1,288	49.77
Mississippi.....	--	--	--	487	802	52.74	125	806	53.04	612	803	52.80
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	32	854	56.16	937	929	59.81	109	931	58.79	1,078	926	59.49
Arkansas.....	--	--	--	--	--	--	6	809	51.11	6	809	51.11
Louisiana.....	32	854	56.16	571	929	59.81	93	962	60.77	696	930	59.77
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--	--
Texas.....	--	--	--	366	--	--	10	709	44.66	375	709	44.66
Mountain	--	--	--	12	1,363	52.36	41	790	50.24	54	877	50.73
Arizona.....	--	--	--	--	--	--	1	798	50.96	1	798	50.96
Colorado.....	--	--	--	8	1,386	53.26	37	787	50.09	45	855	50.64
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	5	1,324	50.89	--	--	--	5	1,324	50.89
Nevada.....	--	--	--	--	--	--	4	808	51.52	4	808	51.52
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	11	710	45.22	11	710	45.22
California.....	--	--	--	--	--	--	11	710	45.22	11	710	45.22
Oregon.....	--	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	2,065	--	--	--	--	--	--	--	--	2,065	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	2,065	--	--	--	--	--	--	--	--	2,065	--	--
U.S. Total	17,129	734	47.38	30,251	777	49.62	6,722	767	49.24	54,102	762	48.88

* = 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), 2007 and 2006

Census Division and State	2007		2006	
	Thousand Tons	Thousand Barrels Equivalent	Thousand Tons	Thousand Barrels Equivalent
New England	--	--	--	--
Connecticut.....	--	--	--	--
Maine.....	--	--	--	--
Massachusetts.....	--	--	--	--
New Hampshire.....	--	--	--	--
Rhode Island.....	--	--	--	--
Vermont.....	--	--	--	--
Middle Atlantic	160	802	250	1,251
New Jersey.....	--	--	--	--
New York.....	37	187	90	449
Pennsylvania.....	123	614	160	802
East North Central	464	2,322	450	2,251
Illinois.....	--	--	--	--
Indiana.....	--	--	--	--
Michigan.....	51	255	46	229
Ohio.....	--	--	--	--
Wisconsin.....	414	2,068	404	2,022
West North Central	192	962	274	1,368
Iowa.....	44	222	64	318
Kansas.....	81	404	64	320
Minnesota.....	67	336	146	729
Missouri.....	--	--	--	--
Nebraska.....	--	--	--	--
North Dakota.....	--	--	--	--
South Dakota.....	--	--	--	--
South Atlantic	2,057	10,284	3,354	16,770
Delaware.....	--	--	--	--
District of Columbia.....	--	--	--	--
Florida.....	1,779	8,894	2,916	14,581
Georgia.....	278	1,389	361	1,804
Maryland.....	--	--	--	--
North Carolina.....	--	--	--	--
South Carolina.....	--	--	74	371
Virginia.....	--	--	--	--
West Virginia.....	--	--	3	14
East South Central	1,160	5,798	1,358	6,792
Alabama.....	--	--	--	--
Kentucky.....	1,160	5,798	1,358	6,792
Mississippi.....	--	--	--	--
Tennessee.....	--	--	--	--
West South Central	1,279	6,395	1,245	6,225
Arkansas.....	--	--	--	--
Louisiana.....	854	4,270	673	3,366
Oklahoma.....	11	57	--	--
Texas.....	414	2,068	572	2,859
Mountain	186	932	113	566
Arizona.....	--	--	--	--
Colorado.....	--	--	--	--
Idaho.....	--	--	--	--
Montana.....	186	932	113	566
Nevada.....	--	--	--	--
New Mexico.....	--	--	--	--
Utah.....	--	--	--	--
Wyoming.....	--	--	--	--
Pacific Contiguous	157	785	148	740
California.....	157	785	148	740
Oregon.....	--	--	--	--
Washington.....	--	--	--	--
Pacific Noncontiguous	--	--	--	--
Alaska.....	--	--	--	--
Hawaii.....	--	--	--	--
U.S. Total	5,656	28,279	7,193	35,963

Notes: • As stated in the EIA Glossary (<http://www.eia.doe.gov/cneaf/electricity/page/glossary.html>), in order to convert petroleum coke to the liquid petroleum equivalent, the quantity conversion is 5 barrels (or 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), 2007 and 2006

Census Division and State	2007		2006		Percent Change 2006-2007 (cents per million Btu)	Percent Change 2006-2007 (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	137	36.48	129	33.99	6.63	7.33
New Jersey.....	--	--	--	--	--	--
New York.....	188	54.49	141	39.99	33.49	36.26
Pennsylvania.....	120	30.99	121	30.64	-98	1.14
East North Central	W	W	W	W	W	W
Illinois.....	--	--	--	--	--	--
Indiana.....	--	--	--	--	--	--
Michigan.....	W	W	W	W	W	W
Ohio.....	--	--	--	--	--	--
Wisconsin.....	W	W	W	W	W	W
West North Central	141	39.71	90	25.63	55.54	54.92
Iowa.....	194	54.88	146	41.05	33.13	33.69
Kansas.....	141	40.51	129	37.07	9.58	9.28
Minnesota.....	104	28.73	49	13.90	111.34	106.69
Missouri.....	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--
South Atlantic	W	W	W	W	W	W
Delaware.....	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--
Florida.....	188	53.40	157	44.52	19.52	19.95
Georgia.....	W	W	W	W	W	W
Maryland.....	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--
South Carolina.....	--	--	119	33.56	--	--
Virginia.....	--	--	--	--	--	--
West Virginia.....	--	--	W	W	--	--
East South Central	W	W	W	W	W	W
Alabama.....	--	--	--	--	--	--
Kentucky.....	W	W	W	W	W	W
Mississippi.....	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--
West South Central	W	W	W	W	W	W
Arkansas.....	--	--	--	--	--	--
Louisiana.....	W	W	W	W	W	W
Oklahoma.....	413	125.89	--	--	--	--
Texas.....	W	W	W	W	W	W
Mountain	W	W	W	W	W	W
Arizona.....	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--
Montana.....	W	W	W	W	W	W
Nevada.....	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--
Pacific Contiguous	W	W	W	W	W	W
California.....	W	W	W	W	W	W
Oregon.....	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--
U.S. Total	151	43.02	133	37.46	13.96	14.84

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), 2007

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	160	--	--	--	--	--	--	--	--	160	137	36.48
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--	--
New York.....	37	--	--	--	--	--	--	--	--	37	188	54.49
Pennsylvania.....	123	--	--	--	--	--	--	--	--	123	120	30.99
East North Central	240	135	38.42	224	135	37.76	--	--	--	464	W	W
Illinois.....	--	--	--	--	--	--	--	--	--	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--	--	--	--
Michigan.....	--	--	--	51	178	49.97	--	--	--	51	W	W
Ohio.....	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	240	135	38.42	173	132	36.98	--	--	--	414	W	W
West North Central	91	128	35.49	102	152	43.49	--	--	--	192	141	39.71
Iowa.....	24	194	54.71	21	195	55.08	--	--	--	44	194	54.88
Kansas.....	--	--	--	81	141	40.51	--	--	--	81	141	40.51
Minnesota.....	67	104	28.73	--	--	--	--	--	--	67	104	28.73
Missouri.....	--	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	81	--	--	1,976	188	53.40	--	--	--	2,057	W	W
Delaware.....	--	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	--	--	1,779	188	53.40	--	--	--	1,779	188	53.40
Georgia.....	81	--	--	197	--	--	--	--	--	278	W	W
Maryland.....	--	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--	--
East South Central	1,160	--	--	--	--	--	--	--	--	1,160	W	W
Alabama.....	--	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	1,160	--	--	--	--	--	--	--	--	1,160	W	W
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	1,265	160	47.09	--	--	--	14	--	--	1,279	W	W
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	840	160	47.09	--	--	--	14	--	--	854	W	W
Oklahoma.....	11	--	--	--	--	--	--	--	--	11	413	125.89
Texas.....	414	--	--	--	--	--	--	--	--	414	W	W
Mountain	134	--	--	53	--	--	--	--	--	186	W	W
Arizona.....	--	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	134	--	--	53	--	--	--	--	--	186	W	W
Nevada.....	--	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	116	--	--	41	--	--	--	--	--	157	W	W
California.....	116	--	--	41	--	--	--	--	--	157	W	W
Oregon.....	--	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	3,247	155	45.09	2,395	181	51.51	14	--	--	5,656	151	43.02

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), 2006

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	206	--	--	44	--	--	--	--	--	250	129	33.99
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--	--
New York.....	70	--	--	20	--	--	--	--	--	90	141	39.99
Pennsylvania.....	136	--	--	24	--	--	--	--	--	160	121	30.64
East North Central	247	138	38.54	198	124	34.78	5	126	35.57	450	W	W
Illinois.....	--	--	--	--	--	--	--	--	--	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--	--	--	--
Michigan.....	--	--	--	46	--	--	--	--	--	46	W	W
Ohio.....	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	247	138	38.54	153	124	34.78	5	126	35.57	404	W	W
West North Central	175	72	20.32	64	129	37.07	34	112	31.44	274	90	25.63
Iowa.....	29	185	52.14	--	--	--	34	112	31.44	64	146	41.05
Kansas.....	--	--	--	64	129	37.07	--	--	--	64	129	37.07
Minnesota.....	146	49	13.90	--	--	--	--	--	--	146	49	13.90
Missouri.....	--	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	252	116	32.32	2,999	159	44.94	103	136	38.38	3,354	W	W
Delaware.....	--	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--	--
Florida.....	113	116	32.32	2,774	159	44.95	29	177	50.69	2,916	157	44.52
Georgia.....	136	--	--	225	--	--	--	--	--	361	W	W
Maryland.....	--	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	74	119	33.56	74	119	33.56
Virginia.....	--	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	2	--	--	1	--	--	--	--	--	3	W	W
East South Central	1,351	--	--	8	--	--	--	--	--	1,358	W	W
Alabama.....	--	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	1,351	--	--	8	--	--	--	--	--	1,358	W	W
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	1,191	--	--	52	--	--	2	89	25.24	1,245	W	W
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	673	--	--	--	--	--	--	--	--	673	W	W
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--	--
Texas.....	518	--	--	52	--	--	2	89	25.24	572	W	W
Mountain	108	--	--	5	--	--	--	--	--	113	W	W
Arizona.....	--	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	108	--	--	5	--	--	--	--	--	113	W	W
Nevada.....	--	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	137	--	--	11	--	--	--	--	--	148	W	W
California.....	137	--	--	11	--	--	--	--	--	148	W	W
Oregon.....	--	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	3,667	101	28.28	3,382	156	44.25	144	129	36.47	7,193	133	37.46

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), 2007

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.....	219	138,744	1,577	8,227	150,872	854	8,561	150,347	919	--	--	--
Connecticut.....	77	138,960	--	1,603	148,712	--	1,722	147,962	971	--	--	--
Maine.....	13	135,133	--	1,460	151,410	--	1,536	150,571	883	--	--	--
Massachusetts.....	76	139,060	1,591	4,840	151,186	948	4,926	150,964	912	--	--	--
New Hampshire.....	48	138,900	1,576	324	154,462	853	372	152,450	914	--	--	--
Rhode Island.....	5	138,571	--	--	--	--	5	138,571	1,931	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	1,303	138,055	1,277	13,688	151,892	738	15,676	149,684	862	160	13,274	137
New Jersey.....	198	136,843	1,631	314	151,157	468	870	136,271	1,147	--	--	--
New York.....	361	137,724	1,263	12,355	152,048	749	13,030	151,226	807	37	14,458	188
Pennsylvania.....	744	138,538	--	1,019	150,236	--	1,775	144,936	1,149	123	12,912	120
East North Central.....	1,439	137,981	1,618	637	152,733	755	2,075	142,506	W	464	14,123	W
Illinois.....	286	137,319	1,830	--	--	--	286	137,319	1,744	--	--	--
Indiana.....	228	137,881	1,529	61	150,790	--	288	140,607	W	--	--	--
Michigan.....	266	138,105	1,641	576	152,938	755	842	148,248	W	51	14,005	W
Ohio.....	575	138,026	1,616	--	--	--	575	138,026	1,619	--	--	--
Wisconsin.....	84	139,814	1,652	--	--	--	84	139,814	W	414	14,138	W
West North Central.....	362	137,716	1,701	--	--	--	362	137,716	W	192	14,122	141
Iowa.....	78	137,576	1,745	--	--	--	78	137,576	1,745	44	14,112	194
Kansas.....	61	137,457	1,661	--	--	--	61	137,457	1,661	81	14,380	141
Minnesota.....	99	137,393	1,587	--	--	--	99	137,393	W	67	13,820	104
Missouri.....	64	137,476	1,713	--	--	--	64	137,476	1,713	--	--	--
Nebraska.....	12	138,007	1,669	--	--	--	12	138,007	1,669	--	--	--
North Dakota.....	48	139,186	1,783	--	--	--	48	139,186	1,783	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	4,011	138,949	1,522	23,699	152,905	890	27,760	150,860	W	2,057	14,252	W
Delaware.....	217	138,348	--	149	152,510	--	366	144,114	1,304	--	--	--
District of Columbia.....	198	139,371	--	--	--	--	198	139,371	W	--	--	--
Florida.....	779	138,067	1,577	18,643	153,350	901	19,422	152,736	925	1,779	14,213	188
Georgia.....	158	138,314	1,582	578	150,476	--	736	147,857	W	278	14,502	W
Maryland.....	672	138,479	--	921	150,955	--	1,607	145,614	1,060	--	--	--
North Carolina.....	366	137,976	1,491	843	150,369	--	1,209	146,617	W	--	--	--
South Carolina.....	213	138,064	1,587	208	150,169	--	458	143,581	W	--	--	--
Virginia.....	817	137,681	1,358	2,333	151,936	795	3,151	148,238	922	--	--	--
West Virginia.....	590	143,576	1,564	23	150,000	--	613	143,817	W	--	--	--
East South Central.....	448	137,530	1,563	691	154,483	761	1,139	147,818	W	1,160	14,070	W
Alabama.....	135	137,355	1,413	111	150,910	--	246	143,452	W	--	--	--
Kentucky.....	179	139,121	1,627	--	--	--	179	139,121	W	1,160	14,070	W
Mississippi.....	16	139,638	1,443	581	155,164	761	597	154,738	763	--	--	--
Tennessee.....	117	135,000	1,611	--	--	--	117	135,000	1,611	--	--	--
West South Central.....	301	138,785	1,522	291	150,259	814	592	144,426	W	1,279	14,521	W
Arkansas.....	50	140,424	1,479	--	--	--	50	140,424	1,479	--	--	--
Louisiana.....	51	139,695	1,430	87	155,310	814	138	149,579	W	854	14,593	W
Oklahoma.....	16	138,438	1,639	204	148,095	--	220	147,398	678	11	15,250	413
Texas.....	184	138,117	1,635	--	--	--	184	138,117	1,248	414	14,353	W
Mountain.....	303	139,261	1,772	--	--	--	318	136,992	W	186	14,493	W
Arizona.....	78	140,914	1,671	--	--	--	78	140,914	1,671	--	--	--
Colorado.....	20	141,864	1,845	--	--	--	20	141,864	W	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	16	140,986	--	--	--	--	31	116,762	W	186	14,493	W
Nevada.....	--	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	70	136,026	1,897	--	--	--	70	136,026	W	--	--	--
Utah.....	48	139,376	1,753	--	--	--	48	139,376	1,753	--	--	--
Wyoming.....	72	139,448	1,772	--	--	--	72	139,448	1,772	--	--	--
Pacific Contiguous.....	54	138,979	1,619	6	157,143	--	797	118,232	W	157	14,263	W
California.....	49	138,571	--	--	--	--	583	110,721	W	157	14,263	W
Oregon.....	5	143,000	1,619	--	--	--	5	143,000	1,619	--	--	--
Washington.....	--	--	--	6	157,143	--	209	138,598	W	--	--	--
Pacific Noncontiguous.....	13	131,824	--	2,097	140,486	--	2,787	134,890	W	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	13	131,824	--	2,097	140,486	--	2,787	134,890	W	--	--	--
U.S. Total.....	8,452	138,507	1,579	49,336	151,762	843	60,068	148,745	959	5,656	14,241	151

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.

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), 2006

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.....	625	141,485	1,406	7,611	150,583	761	8,280	149,793	808	--	--	--
Connecticut.....	264	146,043	--	2,133	149,438	--	2,430	148,805	850	--	--	--
Maine.....	4	136,500	--	759	152,574	--	763	152,495	762	--	--	--
Massachusetts.....	339	138,193	1,398	4,235	150,214	767	4,584	149,288	796	--	--	--
New Hampshire.....	19	137,800	1,422	484	155,743	760	502	155,071	782	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	1,547	140,129	1,394	13,565	151,282	747	15,542	149,483	853	250	13,186	129
New Jersey.....	385	137,914	1,458	681	150,981	609	1,328	141,505	970	--	--	--
New York.....	572	143,150	1,268	11,568	151,290	758	12,301	150,693	821	90	14,161	141
Pennsylvania.....	590	138,643	1,354	1,316	151,367	--	1,912	147,245	982	160	12,641	121
East North Central.....	1,452	138,070	1,355	577	154,191	720	2,029	142,654	W	450	14,064	W
Illinois.....	182	137,324	1,493	33	161,905	--	215	141,102	1,465	--	--	--
Indiana.....	282	137,676	1,517	53	149,945	--	335	139,621	W	--	--	--
Michigan.....	274	138,343	1,440	491	154,131	720	765	148,469	W	46	13,930	W
Ohio.....	612	138,150	1,172	--	--	--	612	138,150	1,224	--	--	--
Wisconsin.....	101	139,293	1,498	--	--	--	101	139,293	W	404	14,079	W
West North Central.....	519	138,156	1,494	227	158,257	592	746	144,266	W	274	14,175	90
Iowa.....	95	138,752	1,532	--	--	--	95	138,752	1,532	64	14,051	146
Kansas.....	84	138,114	1,550	217	158,555	582	301	152,845	826	64	14,416	129
Minnesota.....	54	138,079	1,353	10	151,969	811	65	140,281	W	146	14,123	49
Missouri.....	109	137,188	1,457	--	--	--	109	137,188	1,457	--	--	--
Nebraska.....	103	138,124	1,534	--	--	--	103	138,124	1,534	--	--	--
North Dakota.....	73	138,976	1,486	--	--	--	73	138,976	1,486	--	--	--
South Dakota.....	*	138,988	1,546	--	--	--	*	138,988	1,546	--	--	--
South Atlantic.....	3,381	139,903	1,388	28,273	152,655	763	31,711	151,273	W	3,354	14,153	W
Delaware.....	221	138,331	--	15	151,724	781	265	139,117	1,351	--	--	--
District of Columbia.....	222	140,714	--	--	--	--	222	140,714	W	--	--	--
Florida.....	588	138,164	1,461	25,054	152,862	759	25,642	152,526	775	2,916	14,161	157
Georgia.....	139	138,488	1,410	244	143,276	1,030	382	141,540	W	361	14,139	W
Maryland.....	522	138,288	--	786	151,448	--	1,336	146,088	1,013	--	--	--
North Carolina.....	375	138,188	1,399	28	151,429	--	403	139,114	W	--	--	--
South Carolina.....	251	138,067	1,492	149	152,000	855	401	143,260	W	74	14,050	119
Virginia.....	361	140,245	1,287	1,968	151,900	793	2,330	150,090	875	--	--	--
West Virginia.....	702	144,474	1,206	29	141,364	1,315	731	144,348	W	3	10,396	W
East South Central.....	526	138,368	1,397	641	154,691	811	1,167	147,341	W	1,358	13,885	W
Alabama.....	142	139,388	1,360	11	154,719	--	153	140,469	W	--	--	--
Kentucky.....	179	139,167	1,440	18	92,000	1,288	197	134,779	W	1,358	13,885	W
Mississippi.....	36	139,629	1,333	612	156,571	803	649	155,619	830	--	--	--
Tennessee.....	168	136,379	1,400	--	--	--	168	136,379	1,400	--	--	--
West South Central.....	552	141,170	1,187	1,078	151,938	926	1,630	148,291	W	1,245	14,539	W
Arkansas.....	60	140,445	1,417	6	150,502	809	67	141,386	1,356	--	--	--
Louisiana.....	172	144,848	1,027	696	152,995	930	868	151,383	W	673	14,736	W
Oklahoma.....	30	151,336	1,331	--	--	--	30	151,336	1,331	--	--	--
Texas.....	290	138,100	1,253	375	150,000	709	665	144,812	866	572	14,307	W
Mountain.....	429	138,895	1,599	54	137,657	877	491	137,991	W	113	13,764	W
Arizona.....	145	139,026	1,631	1	152,021	798	146	139,114	1,625	--	--	--
Colorado.....	16	138,481	1,469	45	141,093	855	60	140,414	W	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--	--
Montana.....	35	140,974	1,533	5	91,500	1,324	48	127,860	W	113	13,764	W
Nevada.....	28	139,198	1,334	4	151,750	808	32	140,610	1,270	--	--	--
New Mexico.....	61	136,024	1,710	--	--	--	61	136,024	W	--	--	--
Utah.....	51	139,660	1,525	--	--	--	51	139,660	1,525	--	--	--
Wyoming.....	93	139,333	1,628	--	--	--	93	139,333	1,628	--	--	--
Pacific Contiguous.....	173	139,800	1,587	11	151,602	710	650	118,651	W	148	14,444	W
California.....	114	138,583	1,384	11	151,602	710	591	116,293	W	148	14,444	W
Oregon.....	11	139,205	1,406	--	--	--	11	139,205	1,406	--	--	--
Washington.....	48	142,855	1,999	--	--	--	48	142,807	W	--	--	--
Pacific Noncontiguous.....	13	132,956	1,542	2,065	140,288	--	2,757	134,675	W	--	--	--
Alaska.....	*	138,993	1,542	--	--	--	*	138,993	1,542	--	--	--
Hawaii.....	13	132,736	--	2,065	140,288	--	2,756	134,674	W	--	--	--
U.S. Total.....	9,217	139,590	1,398	54,102	151,581	762	65,002	149,031	868	7,193	14,131	133

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), 2007 and 2006
(Thousand Mcf)

Census Division and State	2007	2006
New England	423,067	421,147
Connecticut.....	72,612	76,449
Maine.....	53,922	54,360
Massachusetts.....	183,232	180,786
New Hampshire.....	38,563	41,457
Rhode Island.....	74,711	68,066
Vermont.....	27	29
Middle Atlantic	726,388	643,227
New Jersey.....	161,040	134,602
New York.....	406,218	392,858
Pennsylvania.....	159,130	115,767
East North Central	300,726	243,530
Illinois.....	68,786	49,286
Indiana.....	41,496	36,506
Michigan.....	115,910	101,416
Ohio.....	29,713	18,220
Wisconsin.....	44,821	38,102
West North Central	71,146	51,720
Iowa.....	2,412	1,940
Kansas.....	21,656	17,950
Minnesota.....	21,318	12,586
Missouri.....	24,893	18,316
Nebraska.....	866	927
North Dakota.....	1	2
South Dakota.....	--	--
South Atlantic	1,036,766	938,953
Delaware.....	20,029	10,409
District of Columbia.....	--	--
Florida.....	739,298	711,012
Georgia.....	109,693	90,506
Maryland.....	18,706	14,889
North Carolina.....	26,822	18,506
South Carolina.....	35,574	30,508
Virginia.....	82,609	57,974
West Virginia.....	4,035	5,147
East South Central	350,974	269,013
Alabama.....	183,271	145,714
Kentucky.....	3,620	6,471
Mississippi.....	163,144	116,167
Tennessee.....	939	661
West South Central	2,639,198	2,631,750
Arkansas.....	54,330	63,307
Louisiana.....	468,019	433,159
Oklahoma.....	283,888	268,236
Texas.....	1,832,961	1,867,048
Mountain	648,639	568,904
Arizona.....	269,059	244,845
Colorado.....	118,608	91,515
Idaho.....	10,093	7,144
Montana.....	759	22
Nevada.....	169,443	161,974
New Mexico.....	35,618	36,877
Utah.....	40,329	21,860
Wyoming.....	4,728	4,667
Pacific Contiguous	968,022	868,776
California.....	814,263	738,641
Oregon.....	109,476	83,943
Washington.....	44,283	46,192
Pacific Noncontiguous	35,391	38,226
Alaska.....	35,391	38,226
Hawaii.....	--	--
U.S. Total	7,200,316	6,675,246

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), 2007 and 2006

Census Division and State	2007		2006		Percent Change 2006-2007 (cents per million Btu)	Percent Change 2006-2007 (dollars per Mcf)
	(cents per million Btu)	(dollars per Mcf)	(cents per million Btu)	(dollars per Mcf)		
New England.....	780	8.08	739	7.64	5.55	5.71
Connecticut.....	773	7.81	733	7.39	5.42	5.68
Maine.....	W	W	W	W	W	W
Massachusetts.....	789	8.17	731	7.55	7.98	8.21
New Hampshire.....	W	W	W	W	W	W
Rhode Island.....	781	8.06	734	7.58	6.43	6.33
Vermont.....	761	7.72	781	7.82	-2.57	-1.28
Middle Atlantic.....	790	8.10	769	7.86	2.76	3.09
New Jersey.....	789	8.16	789	8.07	.00	1.12
New York.....	795	8.09	761	7.75	4.43	4.39
Pennsylvania.....	780	8.07	772	7.98	.97	1.13
East North Central.....	705	7.19	684	6.97	2.98	3.09
Illinois.....	708	7.22	717	7.32	-1.23	-1.37
Indiana.....	752	7.71	781	8.14	-3.71	-5.28
Michigan.....	656	6.65	601	6.06	9.26	9.74
Ohio.....	764	7.89	771	7.96	-1.02	-.88
Wisconsin.....	741	7.57	726	7.35	1.98	2.99
West North Central.....	678	6.92	667	6.77	1.71	2.16
Iowa.....	765	7.73	778	7.85	-1.72	-1.53
Kansas.....	619	6.31	624	6.32	-.73	-.16
Minnesota.....	W	W	W	W	W	W
Missouri.....	W	W	W	W	W	W
Nebraska.....	899	8.97	743	7.31	21.01	22.71
North Dakota.....	599	6.41	1,013	10.93	-40.92	-41.35
South Dakota.....	--	--	--	--	--	--
South Atlantic.....	870	8.98	815	8.41	6.81	6.78
Delaware.....	W	W	W	W	W	W
District of Columbia.....	--	--	--	--	--	--
Florida.....	907	9.33	835	8.61	8.60	8.36
Georgia.....	727	7.56	710	7.37	2.31	2.58
Maryland.....	757	7.89	748	7.80	1.20	1.15
North Carolina.....	W	W	W	W	W	W
South Carolina.....	792	8.16	787	8.13	.52	.37
Virginia.....	816	8.44	751	7.77	8.72	8.62
West Virginia.....	802	8.28	867	8.97	-7.53	-7.69
East South Central.....	710	7.32	705	7.30	.76	.36
Alabama.....	700	7.21	709	7.34	-1.33	-1.77
Kentucky.....	W	W	W	W	W	W
Mississippi.....	720	7.43	695	7.20	3.59	3.19
Tennessee.....	W	W	W	W	W	W
West South Central.....	673	6.91	659	6.77	2.08	2.04
Arkansas.....	686	7.04	621	6.38	10.44	10.34
Louisiana.....	720	7.44	737	7.62	-2.29	-2.36
Oklahoma.....	650	6.68	640	6.58	1.50	1.52
Texas.....	664	6.80	645	6.61	2.93	2.87
Mountain.....	588	6.05	627	6.43	-6.17	-5.84
Arizona.....	670	6.84	636	6.48	5.23	5.56
Colorado.....	424	4.35	607	6.22	-30.11	-30.06
Idaho.....	W	W	W	W	W	W
Montana.....	W	W	W	W	W	W
Nevada.....	605	6.31	653	6.79	-7.42	-7.07
New Mexico.....	W	W	W	W	W	W
Utah.....	W	W	W	W	W	W
Wyoming.....	W	W	W	W	W	W
Pacific Contiguous.....	651	6.67	648	6.65	.47	.40
California.....	659	6.76	659	6.76	.08	.00
Oregon.....	607	6.20	600	6.12	1.10	1.31
Washington.....	612	6.27	565	5.81	8.29	7.92
Pacific Noncontiguous.....	358	3.58	365	3.65	-2.05	-1.92
Alaska.....	358	3.58	365	3.65	-2.05	-1.92
Hawaii.....	--	--	--	--	--	--
U.S. Total.....	711	7.30	694	7.13	2.44	2.38

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), 2007

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	129,210	--	--	29,914	755	7.74	263,944	794	8.29
Connecticut.....	18,105	--	--	3,943	--	--	50,565	--	--
Maine.....	33,197	--	--	--	--	--	20,725	--	--
Massachusetts.....	13,999	--	--	5,834	754	7.74	163,399	789	8.14
New Hampshire.....	--	--	--	20,109	--	--	18,453	799	8.45
Rhode Island.....	63,909	--	--	--	--	--	10,802	--	--
Vermont.....	--	--	--	27	761	7.72	--	--	--
Middle Atlantic	280,568	812	8.32	126,241	--	--	319,139	786	8.02
New Jersey.....	43,313	--	--	90,127	--	--	27,601	--	--
New York.....	160,878	812	8.32	31,927	--	--	213,413	786	8.02
Pennsylvania.....	76,377	--	--	4,188	--	--	78,125	--	--
East North Central	121,522	805	8.16	65,324	785	7.99	113,681	762	7.85
Illinois.....	12,788	--	--	22,380	--	--	33,618	--	--
Indiana.....	9,939	--	--	7,680	773	7.93	23,877	609	6.20
Michigan.....	81,370	806	8.17	6,807	810	8.18	27,533	876	8.93
Ohio.....	1,458	755	7.87	5,921	803	8.26	22,334	748	7.76
Wisconsin.....	15,966	--	--	22,535	780	7.93	6,319	1,092	10.93
West North Central	23,444	715	7.35	31,297	659	6.69	16,405	707	7.16
Iowa.....	30	926	9.38	1,359	770	7.85	1,023	753	7.53
Kansas.....	651	629	6.69	19,550	616	6.27	1,455	658	6.75
Minnesota.....	8,355	748	7.56	5,242	762	7.71	7,721	802	8.02
Missouri.....	14,064	708	7.28	4,865	688	6.91	5,964	--	--
Nebraska.....	344	1,144	11.17	281	787	8.02	242	693	6.94
North Dakota.....	--	--	--	1	599	6.41	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
South Atlantic	673,214	951	9.78	135,623	770	8.05	227,929	828	8.49
Delaware.....	12,564	--	--	7,331	--	--	134	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	591,396	954	9.81	27,430	867	9.14	120,472	866	8.84
Georgia.....	24,114	724	7.49	46,517	703	7.40	39,062	699	7.23
Maryland.....	5,493	--	--	2,409	--	--	10,804	--	--
North Carolina.....	18,761	918	9.50	853	767	7.94	7,207	--	--
South Carolina.....	1,724	--	--	25,912	794	8.16	7,939	--	--
Virginia.....	17,558	--	--	22,831	--	--	42,220	792	8.18
West Virginia.....	1,604	--	--	2,340	849	8.49	91	--	--
East South Central	77,528	778	8.03	63,684	640	6.67	209,762	718	7.40
Alabama.....	50,965	748	7.69	62,895	640	6.67	69,411	772	7.93
Kentucky.....	22	--	--	--	--	--	3,597	808	8.28
Mississippi.....	26,254	900	9.48	136	--	--	136,753	715	7.37
Tennessee.....	287	--	--	652	--	--	--	--	--
West South Central	1,336,554	660	6.78	130,594	689	7.04	1,172,050	686	7.04
Arkansas.....	33,232	--	--	--	--	--	21,099	742	7.62
Louisiana.....	291,331	630	6.66	--	--	--	176,688	739	7.63
Oklahoma.....	161,623	669	6.94	5,938	653	6.50	116,327	645	6.60
Texas.....	850,369	634	6.36	124,656	689	7.04	857,936	670	6.85
Mountain	235,758	664	6.77	65,204	659	6.75	347,677	536	5.59
Arizona.....	124,308	730	7.46	51,492	659	6.75	93,259	511	5.24
Colorado.....	57,549	422	4.22	182	439	4.48	60,877	--	--
Idaho.....	10,093	--	--	--	--	--	--	--	--
Montana.....	--	--	--	10	688	7.98	749	--	--
Nevada.....	38,671	868	9.01	--	--	--	130,772	545	5.70
New Mexico.....	371	946	9.64	13,520	663	6.80	21,727	653	6.66
Utah.....	58	--	--	--	--	--	40,271	448	4.71
Wyoming.....	4,707	698	7.45	--	--	--	21	--	--
Pacific Contiguous	455,098	606	6.08	74,731	832	8.51	438,193	586	6.00
California.....	356,180	608	6.10	63,611	785	8.08	394,472	597	6.11
Oregon.....	72,187	--	--	11,121	837	8.56	26,169	545	5.56
Washington.....	26,731	439	4.42	--	--	--	17,552	637	6.40
Pacific Noncontiguous	35,391	358	3.58	--	--	--	--	--	--
Alaska.....	35,391	358	3.58	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	3,368,286	831	8.51	722,612	711	7.34	3,108,779	678	6.97

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), 2007(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	--	--	--	423,067	1,035	780	8.08
Connecticut.....	--	--	--	72,612	1,011	773	7.81
Maine.....	--	--	--	53,922	1,056	W	W
Massachusetts.....	--	--	--	183,232	1,036	789	8.17
New Hampshire.....	--	--	--	38,563	1,056	W	W
Rhode Island.....	--	--	--	74,711	1,031	781	8.06
Vermont.....	--	--	--	27	1,014	761	7.72
Middle Atlantic	440	--	--	726,388	1,025	790	8.10
New Jersey.....	--	--	--	161,040	1,034	789	8.16
New York.....	--	--	--	406,218	1,018	795	8.09
Pennsylvania.....	440	--	--	159,130	1,035	780	8.07
East North Central	200	958	9.77	300,726	1,020	705	7.19
Illinois.....	--	--	--	68,786	1,019	708	7.22
Indiana.....	--	--	--	41,496	1,026	752	7.71
Michigan.....	200	958	9.77	115,910	1,014	656	6.65
Ohio.....	--	--	--	29,713	1,033	764	7.89
Wisconsin.....	--	--	--	44,821	1,021	741	7.57
West North Central	--	--	--	71,146	1,020	678	6.92
Iowa.....	--	--	--	2,412	1,011	765	7.73
Kansas.....	--	--	--	21,656	1,020	619	6.31
Minnesota.....	--	--	--	21,318	1,018	W	W
Missouri.....	--	--	--	24,893	1,024	W	W
Nebraska.....	--	--	--	866	997	899	8.97
North Dakota.....	--	--	--	1	1,071	599	6.41
South Dakota.....	--	--	--	--	--	--	--
South Atlantic	--	--	--	1,036,766	1,032	870	8.98
Delaware.....	--	--	--	20,029	1,088	W	W
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	--	--	--	739,298	1,029	907	9.33
Georgia.....	--	--	--	109,693	1,040	727	7.56
Maryland.....	--	--	--	18,706	1,042	757	7.89
North Carolina.....	--	--	--	26,822	1,034	W	W
South Carolina.....	--	--	--	35,574	1,030	792	8.16
Virginia.....	--	--	--	82,609	1,035	816	8.44
West Virginia.....	--	--	--	4,035	1,033	802	8.28
East South Central	--	--	--	350,974	1,031	710	7.32
Alabama.....	--	--	--	183,271	1,031	700	7.21
Kentucky.....	--	--	--	3,620	1,025	W	W
Mississippi.....	--	--	--	163,144	1,032	720	7.43
Tennessee.....	--	--	--	939	1,032	W	W
West South Central	--	--	--	2,639,198	1,026	673	6.91
Arkansas.....	--	--	--	54,330	1,026	686	7.04
Louisiana.....	--	--	--	468,019	1,034	720	7.44
Oklahoma.....	--	--	--	283,888	1,029	650	6.68
Texas.....	--	--	--	1,832,961	1,023	664	6.80
Mountain	--	--	--	648,639	1,029	588	6.05
Arizona.....	--	--	--	269,059	1,022	670	6.84
Colorado.....	--	--	--	118,608	1,026	424	4.35
Idaho.....	--	--	--	10,093	1,024	W	W
Montana.....	--	--	--	759	1,013	W	W
Nevada.....	--	--	--	169,443	1,044	605	6.31
New Mexico.....	--	--	--	35,618	1,005	W	W
Utah.....	--	--	--	40,329	1,051	W	W
Wyoming.....	--	--	--	4,728	988	W	W
Pacific Contiguous	--	--	--	968,022	1,025	651	6.67
California.....	--	--	--	814,263	1,025	659	6.76
Oregon.....	--	--	--	109,476	1,023	607	6.20
Washington.....	--	--	--	44,283	1,023	612	6.27
Pacific Noncontiguous	--	--	--	35,391	1,000	358	3.58
Alaska.....	--	--	--	35,391	1,000	358	3.58
Hawaii.....	--	--	--	--	--	--	--
U.S. Total	640	958	9.77	7,200,316	1,027	711	7.30

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), 2006

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	133,055	--	--	27,649	734	7.53	260,297	766	7.98
Connecticut.....	20,150	--	--	4,014	--	--	52,285	--	--
Maine.....	39,044	--	--	--	--	--	15,316	--	--
Massachusetts.....	13,405	--	--	5,042	734	7.53	162,291	1,024	10.51
New Hampshire.....	--	--	--	18,563	--	--	22,795	715	7.48
Rhode Island.....	60,457	--	--	--	--	--	7,610	--	--
Vermont.....	--	--	--	29	781	7.82	--	--	--
Middle Atlantic	251,329	790	8.07	96,090	--	--	285,390	767	7.81
New Jersey.....	41,034	--	--	68,533	--	--	25,035	--	--
New York.....	151,047	790	8.07	24,751	--	--	206,642	767	7.81
Pennsylvania.....	59,248	--	--	2,806	--	--	53,714	--	--
East North Central	117,518	854	8.62	42,035	791	8.03	80,240	798	8.08
Illinois.....	11,970	--	--	16,694	--	--	19,815	--	--
Indiana.....	10,830	--	--	7,532	803	8.22	16,805	744	7.50
Michigan.....	81,119	854	8.62	4,769	764	7.69	14,128	821	8.38
Ohio.....	1,133	848	8.71	2,161	788	8.09	14,766	896	9.27
Wisconsin.....	12,465	--	--	10,879	808	8.15	14,726	780	7.85
West North Central	17,366	660	6.79	26,321	664	6.72	6,334	737	7.39
Iowa.....	71	936	9.50	956	748	7.59	823	799	7.99
Kansas.....	1,366	663	6.71	15,257	617	6.26	355	681	6.94
Minnesota.....	4,858	756	7.63	4,128	761	7.66	3,542	701	7.01
Missouri.....	10,812	652	6.74	5,733	706	7.10	1,339	--	--
Nebraska.....	259	865	8.22	247	730	7.35	275	679	6.79
North Dakota.....	--	--	--	2	1,049	11.37	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
South Atlantic	638,016	880	9.07	84,243	752	7.83	194,015	764	7.82
Delaware.....	8,699	926	9.61	1,699	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	579,088	879	9.06	22,813	821	8.59	106,895	765	7.79
Georgia.....	10,527	--	--	26,992	654	6.86	34,937	706	7.31
Maryland.....	4,872	--	--	1,643	--	--	8,374	--	--
North Carolina.....	9,626	943	9.75	683	772	8.00	6,775	--	--
South Carolina.....	2,088	--	--	21,061	807	8.30	7,349	--	--
Virginia.....	21,550	--	--	7,098	--	--	29,309	773	7.98
West Virginia.....	1,566	--	--	2,253	998	9.98	377	--	--
East South Central	63,583	814	8.47	57,250	738	7.72	144,217	696	7.20
Alabama.....	32,531	713	7.38	56,559	738	7.72	52,705	728	7.53
Kentucky.....	--	--	--	--	--	--	6,471	753	7.72
Mississippi.....	30,901	976	10.25	207	--	--	85,013	689	7.14
Tennessee.....	151	--	--	483	--	--	27	--	--
West South Central	1,357,601	652	6.70	112,498	665	6.78	1,153,484	666	6.85
Arkansas.....	39,749	--	--	--	--	--	20,439	751	7.62
Louisiana.....	284,319	644	6.85	3	633	6.58	148,632	758	7.88
Oklahoma.....	146,198	688	7.13	115	676	6.75	121,919	628	6.42
Texas.....	887,334	555	5.57	112,380	665	6.78	862,495	638	6.54
Mountain	222,527	709	7.20	53,307	637	6.52	290,997	634	6.59
Arizona.....	131,788	683	6.98	39,861	635	6.50	73,166	709	7.26
Colorado.....	46,930	632	6.28	171	596	6.31	44,367	--	--
Idaho.....	7,144	--	--	--	--	--	--	--	--
Montana.....	--	--	--	8	786	9.01	15	--	--
Nevada.....	32,052	942	9.82	--	--	--	129,549	660	6.92
New Mexico.....	303	981	9.93	13,268	647	6.62	23,117	648	6.54
Utah.....	53	--	--	--	--	--	20,422	485	5.11
Wyoming.....	4,257	926	9.79	--	--	--	362	--	--
Pacific Contiguous	437,325	663	6.69	68,644	811	8.28	362,680	650	6.66
California.....	349,043	663	6.68	58,643	858	8.82	330,836	665	6.81
Oregon.....	61,038	--	--	10,002	804	8.21	12,896	559	5.70
Washington.....	27,245	654	6.71	--	--	--	18,948	--	--
Pacific Noncontiguous	38,226	365	3.65	--	--	--	--	--	--
Alaska.....	38,226	365	3.65	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	3,276,546	793	8.14	568,037	714	7.36	2,777,654	683	7.02

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), 2006(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	147	781	8.14	421,147	1,033	739	7.64
Connecticut.....	--	--	--	76,449	1,009	733	7.39
Maine.....	--	--	--	54,360	1,062	W	W
Massachusetts.....	48	750	7.75	180,786	1,033	731	7.55
New Hampshire.....	99	796	8.33	41,457	1,043	W	W
Rhode Island.....	--	--	--	68,066	1,032	734	7.58
Vermont.....	--	--	--	29	1,000	781	7.82
Middle Atlantic	10,418	737	7.50	643,227	1,022	769	7.86
New Jersey.....	--	--	--	134,602	1,024	789	8.07
New York.....	10,418	737	7.50	392,858	1,018	761	7.75
Pennsylvania.....	--	--	--	115,767	1,033	772	7.98
East North Central	3,737	755	7.79	243,530	1,019	684	6.97
Illinois.....	806	707	7.23	49,286	1,021	717	7.32
Indiana.....	1,339	743	7.80	36,506	1,043	781	8.14
Michigan.....	1,400	786	8.00	101,416	1,009	601	6.06
Ohio.....	160	864	8.92	18,220	1,033	771	7.96
Wisconsin.....	32	624	6.34	38,102	1,012	726	7.35
West North Central	1,698	662	6.67	51,720	1,015	667	6.77
Iowa.....	89	795	8.03	1,940	1,009	778	7.85
Kansas.....	972	651	6.55	17,950	1,014	624	6.32
Minnesota.....	59	944	9.51	12,586	1,008	W	W
Missouri.....	433	616	6.28	18,316	1,024	W	W
Nebraska.....	146	680	6.63	927	984	743	7.31
North Dakota.....	*	617	6.33	2	1,079	1,013	10.93
South Dakota.....	--	--	--	--	--	--	--
South Atlantic	22,679	766	7.93	938,953	1,032	815	8.41
Delaware.....	11	753	7.82	10,409	1,037	W	W
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	2,216	821	8.45	711,012	1,030	835	8.61
Georgia.....	18,050	750	7.77	90,506	1,038	710	7.37
Maryland.....	--	--	--	14,889	1,043	748	7.80
North Carolina.....	1,422	842	8.71	18,506	1,035	W	W
South Carolina.....	11	832	8.61	30,508	1,033	787	8.13
Virginia.....	17	759	7.83	57,974	1,035	751	7.77
West Virginia.....	952	833	8.63	5,147	1,035	867	8.97
East South Central	3,964	728	7.58	269,013	1,036	705	7.30
Alabama.....	3,919	728	7.58	145,714	1,036	709	7.34
Kentucky.....	--	--	--	6,471	1,025	W	W
Mississippi.....	45	750	7.78	116,167	1,036	695	7.20
Tennessee.....	--	--	--	661	1,030	W	W
West South Central	8,167	628	6.45	2,631,750	1,027	659	6.77
Arkansas.....	3,119	615	6.32	63,307	1,027	621	6.38
Louisiana.....	205	852	8.85	433,159	1,035	737	7.62
Oklahoma.....	4	866	8.91	268,236	1,028	640	6.58
Texas.....	4,838	627	6.42	1,867,048	1,025	645	6.61
Mountain	2,073	785	8.15	568,904	1,025	627	6.43
Arizona.....	30	724	7.30	244,845	1,018	636	6.48
Colorado.....	47	565	5.81	91,515	1,025	607	6.22
Idaho.....	--	--	--	7,144	1,021	W	W
Montana.....	--	--	--	22	1,093	W	W
Nevada.....	373	660	6.84	161,974	1,040	653	6.79
New Mexico.....	189	639	6.34	36,877	997	W	W
Utah.....	1,385	868	9.09	21,860	1,052	W	W
Wyoming.....	49	108	1.07	4,667	983	W	W
Pacific Contiguous	127	690	7.08	868,776	1,025	648	6.65
California.....	119	687	7.05	738,641	1,026	659	6.76
Oregon.....	8	732	7.46	83,943	1,021	600	6.12
Washington.....	--	--	--	46,192	1,028	565	5.81
Pacific Noncontiguous	--	--	--	38,226	1,000	365	3.65
Alaska.....	--	--	--	38,226	1,000	365	3.65
Hawaii.....	--	--	--	--	--	--	--
U.S. Total	53,009	733	7.55	6,675,246	1,027	694	7.13

* = 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."

Origin and Destination of Coal

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2007

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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	37,887	10,644	.88	.83	7.98	206	43.93
Alabama	9,502	11,996	1.40	1.16	12.64	248	59.30
Colorado	3,134	11,747	.56	.47	9.55	173	40.64
Illinois	1,508	11,861	2.14	1.80	7.36	197	46.72
Indiana	563	11,521	.85	.74	6.13	238	54.73
Kentucky	1,881	11,643	3.31	2.85	12.20	155	36.02
Pennsylvania	*	13,000	2.83	2.18	9.00	208	54.03
Utah	631	11,890	.74	.62	10.75	217	51.55
Wyoming	14,369	8,771	.31	.35	5.07	166	29.14
Imported	6,298	11,535	.57	.50	5.56	239	55.23
Arizona	21,583	9,946	.57	.57	10.78	W	W
Arizona	7,937	10,894	.55	.50	9.74	142	31.02
Colorado	1,462	10,370	.36	.35	6.53	221	45.80
Montana	599	9,303	.34	.37	4.39	161	30.00
New Mexico	7,611	9,542	.72	.75	16.04	159	30.36
Wyoming	3,975	8,765	.41	.47	5.32	159	27.82
Arkansas	15,175	8,717	.26	.30	4.83	160	27.95
Wyoming	14,906	8,712	.26	.30	4.86	155	26.98
Imported	269	9,008	.17	.19	3.52	456	82.16
California	1,157	11,868	.59	.50	9.58	W	W
Colorado	75	11,702	.53	.45	9.83	--	--
Utah	1,083	11,879	.60	.50	9.57	--	--
Colorado	19,828	9,726	.40	.41	7.63	126	24.59
Colorado	11,187	10,587	.48	.45	9.81	141	29.91
Wyoming	8,641	8,612	.29	.33	4.80	103	17.70
Connecticut	2,008	10,286	.42	.41	4.94	W	W
Virginia	47	13,462	.73	.55	6.31	--	--
West Virginia	648	12,241	1.08	.88	11.67	--	--
Imported	1,313	9,207	.09	.09	1.57	--	--
Delaware	2,407	12,524	.73	.58	10.43	W	W
Colorado	403	12,068	.48	.40	10.00	--	--
Kentucky	757	12,521	.64	.51	10.08	--	--
Pennsylvania	236	12,661	1.08	.86	10.28	--	--
Virginia	396	12,639	.88	.70	11.47	--	--
West Virginia	615	12,700	.77	.61	10.53	--	--
Florida	31,566	12,116	1.35	1.12	9.18	256	61.92
Colorado	22	11,917	.44	.37	9.16	264	62.83
Illinois	4,619	11,853	2.25	1.90	7.45	198	46.98
Kentucky	13,893	12,401	1.68	1.36	9.57	257	63.84
Pennsylvania	215	12,993	2.14	1.65	7.61	252	65.46
Virginia	135	12,876	.74	.57	9.10	275	70.78
West Virginia	4,752	12,474	.74	.59	11.85	318	79.64
Imported	7,931	11,517	.62	.54	7.96	250	57.55
Georgia	41,679	10,983	.78	.71	8.37	W	W
Alabama	890	12,134	1.80	1.49	11.81	259	62.77
Colorado	378	12,081	.41	.34	8.76	306	73.86
Kentucky	16,418	12,399	1.11	.90	10.69	281	69.62
Tennessee	343	12,758	1.15	.90	7.92	290	73.93
Virginia	5,674	12,585	1.04	.83	11.30	286	71.99
West Virginia	994	12,242	1.07	.88	12.15	323	79.49
Wyoming	15,363	8,583	.28	.33	4.66	199	34.18
Imported	1,620	11,745	.52	.44	5.50	328	77.12
Hawaii	704	10,871	.47	.43	5.47	W	W
Imported	704	10,871	.47	.43	5.47	--	--
Illinois	58,477	8,962	.52	.58	5.44	134	23.95
Colorado	12	12,290	.46	.37	8.40	--	--
Illinois	6,070	10,706	2.66	2.48	9.67	151	32.33
Indiana	55	10,850	1.75	1.61	7.80	--	--
Kentucky	385	11,031	2.44	2.21	17.74	126	27.45
Oklahoma	2	10,500	3.80	3.62	19.00	--	--
West Virginia	6	13,600	.87	.64	7.00	--	--
Wyoming	51,946	8,739	.25	.29	4.85	128	22.52
Indiana	59,882	10,588	1.74	1.64	7.70	W	W
Colorado	809	11,984	.41	.34	10.18	207	49.57
Illinois	7,102	11,104	2.37	2.13	8.62	173	38.77

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2007
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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)
Indiana (Continued)							
Indiana.....	28,331	11,176	2.52	2.26	8.99	140	31.24
Kentucky.....	181	12,617	1.74	1.38	8.51	222	56.28
Montana.....	1,647	9,439	.33	.35	4.13	--	--
Ohio.....	1,339	11,452	2.05	1.79	7.27	151	34.49
Pennsylvania.....	1,276	13,061	2.34	1.80	8.06	207	54.07
West Virginia.....	2,871	12,582	1.68	1.33	10.01	177	44.52
Wyoming.....	16,326	8,751	.25	.28	4.91	183	32.10
Iowa.....	22,592	8,619	.41	.47	5.24	W	W
Colorado.....	136	11,312	.41	.36	7.60	281	63.54
Illinois.....	677	10,906	2.93	2.69	8.47	228	51.94
Kentucky.....	66	12,800	1.00	.78	10.00	374	95.74
Utah.....	56	10,976	.36	.33	10.97	288	63.31
Wyoming.....	21,654	8,511	.33	.38	5.09	102	17.28
Imported.....	3	11,218	.62	.55	6.10	287	64.30
Kansas.....	24,384	8,582	.41	.48	5.25	123	21.12
Kansas.....	374	11,034	3.93	3.57	15.97	175	38.63
Missouri.....	16	11,358	4.14	3.65	15.70	166	37.73
Wyoming.....	23,993	8,542	.35	.41	5.08	122	20.83
Kentucky.....	40,063	11,661	2.22	1.90	10.54	175	40.80
Colorado.....	3,210	11,966	.60	.50	9.23	171	40.82
Illinois.....	417	11,841	2.72	2.29	7.90	169	40.07
Indiana.....	1,583	10,895	2.29	2.10	9.77	187	40.70
Kentucky.....	25,885	11,697	2.65	2.26	10.55	171	40.29
Ohio.....	868	11,155	4.11	3.68	15.96	141	31.39
Pennsylvania.....	5	13,068	2.47	1.89	8.60	178	46.44
Tennessee.....	173	12,587	1.28	1.02	8.97	228	57.49
West Virginia.....	6,610	12,141	1.44	1.18	11.84	206	50.01
Wyoming.....	1,313	8,859	.31	.35	5.51	147	26.03
Louisiana.....	16,756	8,246	.39	.47	6.35	W	W
Louisiana.....	3,068	6,855	.73	1.07	13.02	164	22.48
Wyoming.....	13,510	8,549	.31	.36	4.88	230	40.11
Imported.....	178	9,280	.37	.40	3.33	429	79.59
Maine.....	267	13,171	.65	.50	6.37	W	W
Imported.....	267	13,171	.65	.50	6.37	--	--
Maryland.....	11,788	12,501	1.26	1.01	10.43	212	53.11
Kentucky.....	172	12,160	.84	.69	11.03	--	--
Maryland.....	970	11,948	1.65	1.38	15.88	--	--
Pennsylvania.....	3,079	12,841	1.84	1.44	8.15	--	--
Virginia.....	39	11,574	.93	.81	15.39	--	--
West Virginia.....	7,435	12,490	.99	.79	10.73	--	--
Imported.....	93	8,962	.23	.26	1.89	--	--
Massachusetts.....	4,694	11,595	.45	.39	6.16	278	64.45
Colorado.....	675	11,994	.44	.37	9.10	--	--
Indiana.....	21	9,350	.09	.10	1.40	--	--
Kentucky.....	40	12,140	.86	.71	11.00	--	--
Imported.....	3,958	11,533	.45	.39	5.63	--	--
Michigan.....	37,014	9,920	.54	.55	5.92	172	34.11
Colorado.....	770	11,954	.44	.37	9.45	265	63.21
Kentucky.....	5,254	12,765	1.34	1.05	8.42	235	60.02
Montana.....	9,811	9,360	.35	.38	4.59	107	19.96
Ohio.....	288	11,871	2.97	2.50	11.44	220	52.46
Pennsylvania.....	810	12,767	2.18	1.71	8.78	207	52.98
Utah.....	66	12,737	.95	.75	8.30	--	--
Virginia.....	5	13,180	.73	.55	8.58	--	--
West Virginia.....	2,091	12,639	.89	.70	10.27	251	63.25
Wyoming.....	17,675	8,792	.25	.28	4.99	156	27.45
Unclassified.....	244	10,629	1.00	.94	8.15	--	--
Minnesota.....	19,883	8,853	.45	.51	6.79	W	W
Illinois.....	117	10,767	.97	.90	8.03	388	83.62
Indiana.....	12	10,783	.86	.80	8.03	449	96.86
Kentucky.....	65	12,676	.89	.70	8.78	344	87.28
Montana.....	11,858	8,879	.55	.62	7.93	132	23.50
Wyoming.....	7,831	8,751	.29	.33	5.04	171	29.96
Mississippi.....	9,964	9,290	.59	.63	11.66	W	W
Colorado.....	1,639	11,355	.49	.43	11.35	326	74.07

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2007
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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)
Mississippi (Continued)							
Kentucky	943	12,470	1.08	.86	11.37	311	77.66
Mississippi.....	3,387	5,100	.47	.92	16.09	--	--
Virginia.....	282	12,697	1.06	.83	10.23	283	71.80
Wyoming.....	152	8,823	.30	.34	5.63	252	44.47
Imported.....	3,562	11,233	.59	.53	8.03	276	61.91
Missouri.....	45,843	8,825	.38	.43	5.25	W	W
Illinois.....	1,139	11,399	2.51	2.20	8.29	204	47.03
Kansas.....	150	11,328	3.59	3.17	13.89	157	35.62
Kentucky.....	278	12,505	2.61	2.09	7.39	223	55.66
Missouri.....	6	9,313	1.91	2.05	9.36	265	49.38
Utah.....	336	12,327	.97	.79	9.39	283	69.84
Wyoming.....	43,935	8,700	.29	.34	5.10	128	22.26
Montana.....	11,479	8,426	.61	.72	9.05	W	W
Montana.....	10,703	8,432	.64	.76	9.38	111	14.77
Wyoming.....	776	8,345	.24	.29	4.41	--	--
Nebraska.....	12,780	8,511	.31	.37	5.06	88	14.96
Wyoming.....	12,780	8,511	.31	.37	5.06	88	14.96
Nevada.....	3,572	11,151	.46	.41	9.30	188	41.97
Colorado.....	312	12,189	.46	.38	9.26	196	47.68
Utah.....	2,401	11,606	.49	.42	9.56	192	44.67
Wyoming.....	858	9,500	.38	.40	8.58	170	32.33
New Hampshire.....	1,498	13,109	1.51	1.15	6.79	290	75.92
Pennsylvania.....	649	12,979	1.90	1.46	7.40	318	82.50
Virginia.....	102	14,057	.71	.50	4.78	283	79.58
West Virginia.....	186	13,161	2.73	2.08	7.96	285	75.13
Imported.....	560	13,069	.79	.61	6.05	260	67.88
New Jersey.....	4,017	11,890	.88	.74	6.13	289	68.69
Kentucky.....	58	12,427	.67	.54	10.10	--	--
Ohio.....	9	12,635	2.83	2.24	7.50	--	--
Pennsylvania.....	844	13,073	1.82	1.39	7.18	--	--
Virginia.....	43	13,482	.70	.52	5.20	--	--
West Virginia.....	2,708	11,495	.63	.55	5.93	--	--
Wyoming.....	12	8,902	.24	.27	4.70	--	--
Imported.....	343	11,895	.52	.44	4.55	369	96.94
New Mexico.....	16,012	9,198	.77	.84	22.06	179	32.87
New Mexico.....	16,012	9,198	.77	.84	22.06	179	32.87
New York.....	9,999	11,382	1.37	1.20	7.02	241	54.95
Kentucky.....	19	12,610	1.09	.86	9.80	--	--
Ohio.....	61	12,869	3.18	2.47	8.44	--	--
Pennsylvania.....	1,936	12,859	2.28	1.77	8.59	228	58.44
West Virginia.....	3,118	13,057	2.39	1.83	8.34	235	60.66
Wyoming.....	3,852	8,889	.27	.30	5.30	--	--
Imported.....	1,013	12,775	.59	.46	6.37	--	--
North Carolina.....	32,928	12,374	1.01	.81	11.45	274	67.92
Kentucky.....	10,171	12,476	.94	.76	10.84	284	70.54
Tennessee.....	532	12,673	1.11	.88	8.57	296	75.08
Virginia.....	1,227	11,967	.87	.72	14.60	250	59.34
West Virginia.....	20,507	12,338	1.05	.85	11.76	272	66.97
Imported.....	491	12,426	.58	.47	6.00	291	72.25
North Dakota.....	24,931	6,621	.74	1.12	9.87	98	13.02
Montana.....	891	9,349	.33	.36	4.67	107	19.93
North Dakota.....	23,789	6,504	.76	1.17	10.12	97	12.66
Wyoming.....	252	8,033	.35	.43	5.07	140	22.56
Ohio.....	58,372	11,495	1.70	1.48	9.74	171	39.39
Colorado.....	142	10,357	.41	.39	9.08	261	54.14
Illinois.....	837	11,633	2.04	1.75	8.75	199	46.37
Kentucky.....	12,550	11,811	1.37	1.16	12.28	173	40.76
Montana.....	56	9,307	.32	.34	4.27	--	--
Ohio.....	16,896	12,266	3.16	2.58	9.44	142	35.01
Pennsylvania.....	4,953	12,924	2.15	1.67	8.04	177	46.46
West Virginia.....	10,960	12,013	1.07	.89	12.88	189	45.48
Wyoming.....	11,050	8,808	.28	.32	5.32	194	34.28
Unclassified.....	928	11,588	1.46	1.26	6.73	--	--
Oklahoma.....	22,063	8,735	.41	.47	5.87	W	W
Colorado.....	90	12,000	.39	.33	8.54	--	--

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2007
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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	766	10,573	2.61	2.47	24.46	--	--
Wyoming	21,206	8,655	.33	.38	5.18	117	20.22
Oregon	2,291	8,360	.31	.37	4.72	138	23.06
Wyoming	2,291	8,360	.31	.37	4.72	138	23.06
Pennsylvania	52,657	11,400	2.08	1.83	16.39	175	39.92
Montana	130	9,299	.34	.36	4.40	--	--
Ohio	667	12,329	3.13	2.54	9.54	--	--
Pennsylvania	28,994	11,341	1.92	1.69	17.45	--	--
Virginia	39	12,924	1.22	.94	10.55	--	--
West Virginia	7,448	12,699	2.74	2.16	9.92	--	--
Wyoming	1,281	8,764	.32	.36	5.43	--	--
Imported	370	13,118	.72	.55	5.50	--	--
Unclassified	13,726	10,989	2.24	2.04	19.46	--	--
South Carolina	16,895	12,539	1.25	1.00	10.01	W	W
Kentucky	12,770	12,485	1.20	.96	10.20	235	58.69
Pennsylvania	1,714	13,043	2.04	1.57	7.87	194	50.48
Tennessee	648	12,947	1.32	1.02	8.62	255	66.15
Virginia	4	13,015	.95	.73	8.40	232	60.26
West Virginia	1,393	12,253	.90	.73	12.35	236	57.76
Imported	350	12,416	.70	.56	6.74	287	71.15
Unclassified	17	12,658	.85	.68	12.60	--	--
South Dakota	1,616	8,530	.30	.35	5.46	156	26.57
Wyoming	1,616	8,530	.30	.35	5.46	156	26.57
Tennessee	29,447	11,255	1.16	1.03	8.53	W	W
Colorado	3,643	11,973	.60	.50	9.37	165	39.42
Illinois	5,830	12,061	2.73	2.26	8.86	170	41.09
Kentucky	5,349	12,171	1.41	1.16	10.18	217	52.65
Pennsylvania	307	13,031	2.75	2.11	8.79	206	53.60
Utah	755	11,967	.77	.64	10.53	210	50.29
Virginia	2,202	12,816	.85	.66	9.48	228	57.63
West Virginia	3,190	12,347	.95	.77	11.52	256	63.31
Wyoming	8,172	8,782	.28	.32	5.20	159	27.95
Texas	102,524	7,681	.60	.79	9.63	W	W
Texas	40,856	6,463	1.03	1.59	16.23	181	21.84
Wyoming	61,668	8,488	.33	.38	5.25	161	27.55
Imported	*	8,296	.37	.44	5.45	120	19.91
Utah	17,400	11,156	.58	.52	13.23	W	W
Colorado	1,428	9,793	.56	.57	12.03	188	36.82
Utah	15,971	11,278	.59	.52	13.34	132	30.08
Virginia	14,746	12,531	.94	.75	9.93	249	62.34
Colorado	12	12,379	.50	.40	9.00	289	71.43
Kentucky	2,609	12,721	.96	.75	9.47	251	63.33
Ohio	316	11,680	.54	.46	7.97	257	59.95
Virginia	9,201	12,636	1.02	.81	10.51	234	59.00
West Virginia	1,327	12,665	.81	.64	10.33	244	59.76
Imported	1,281	11,458	.51	.44	6.82	264	60.57
Washington	5,184	9,211	.34	.37	4.33	W	W
Montana	5,184	9,211	.34	.37	4.33	--	--
West Virginia	38,839	12,046	2.04	1.70	11.98	173	41.69
Kentucky	1,403	12,264	1.62	1.32	12.95	196	48.08
Maryland	905	12,026	1.75	1.45	15.56	173	41.61
Montana	293	9,968	.71	.72	4.99	227	45.33
Ohio	5,663	12,560	4.34	3.46	8.66	141	35.36
Pennsylvania	4,006	12,816	1.85	1.44	7.87	184	47.15
Virginia	816	12,109	1.91	1.58	14.96	194	47.08
West Virginia	24,646	11,960	1.68	1.41	13.51	182	43.90
Wyoming	1,108	8,810	.31	.35	5.36	225	39.63
Wisconsin	23,364	8,967	.36	.40	5.44	W	W
Colorado	1,057	11,818	.46	.39	10.04	293	70.19
Illinois	152	11,504	1.14	.99	7.14	206	48.99
Indiana	110	11,092	1.28	1.16	8.57	308	68.38
Kentucky	100	11,780	2.88	2.44	9.00	--	--
Montana	675	9,314	.31	.33	4.36	158	29.44
Pennsylvania	16	13,096	2.43	1.86	8.20	252	65.95
Utah	559	12,595	1.03	.82	8.57	264	66.39

Table 15.A. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2007
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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)
Wisconsin (Continued)							
West Virginia	139	13,116	2.47	1.88	7.85	--	--
Wyoming	20,548	8,635	.30	.34	5.09	154	26.62
Imported	8	11,218	.62	.55	6.10	287	64.30
Wyoming	26,446	8,684	.49	.57	7.37	W	W
Wyoming	26,446	8,684	.49	.57	7.37	106	18.53
Total	1,054,664	10,028	.96	.96	8.84	177	35.48

* = 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 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2006

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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	36,649	10,879	.94	.86	8.49	211	45.86
Alabama	9,620	12,479	1.51	1.21	13.45	236	58.87
Colorado	1,824	11,486	.55	.48	9.55	233	53.54
Illinois	3,840	11,695	1.58	1.35	6.96	241	56.41
Indiana	355	11,419	.74	.65	5.58	263	60.15
Kentucky	2,541	11,731	2.13	1.81	12.87	232	54.53
Tennessee	10	11,700	1.32	1.13	15.00	195	45.68
West Virginia	438	12,243	.75	.61	12.73	253	62.01
Wyoming	12,542	8,795	.24	.27	4.93	148	25.99
Imported	5,073	11,493	.63	.55	6.05	227	52.25
Unclassified	406	11,928	1.41	1.18	11.40	222	53.03
Arizona	20,981	10,011	.57	.57	11.65	W	W
Arizona	8,053	10,912	.52	.48	9.52	136	29.74
Colorado	1,049	10,532	.39	.37	7.25	168	35.39
Montana	405	9,336	.32	.34	4.55	162	30.27
New Mexico	9,382	9,498	.68	.72	15.70	142	26.97
Wyoming	2,093	8,713	.44	.50	5.25	151	26.36
Arkansas	15,689	8,778	.29	.33	4.84	147	25.79
Colorado	124	9,511	.37	.39	5.52	258	49.15
Wyoming	15,428	8,761	.29	.33	4.83	144	25.18
Imported	137	10,060	.70	.69	4.84	368	74.13
California	1,575	12,184	.86	.71	10.05	W	W
Colorado	27	11,714	.48	.41	9.70	--	--
New Mexico	8	9,500	.77	.81	17.00	--	--
Utah	1,540	12,206	.87	.71	10.01	--	--
Colorado	19,827	9,802	.39	.40	7.74	128	25.18
Colorado	11,398	10,680	.49	.45	9.96	146	31.21
Wyoming	8,430	8,616	.26	.30	4.75	99	17.02
Connecticut	2,276	10,056	.51	.51	4.81	W	W
West Virginia	677	12,050	1.31	1.09	12.73	--	--
Imported	1,599	9,212	.17	.18	1.45	--	--
Delaware	2,376	12,401	.74	.60	10.59	W	W
Colorado	297	11,897	.49	.41	9.37	--	--
Kentucky	320	12,569	.72	.57	9.61	--	--
Pennsylvania	71	12,952	1.37	1.06	8.75	--	--
Virginia	385	12,631	.89	.70	11.39	--	--
West Virginia	1,186	12,538	.74	.59	11.24	--	--
Wyoming	87	10,252	.67	.66	8.56	--	--
Imported	30	12,127	.43	.35	7.50	--	--
Florida	36,386	12,142	1.37	1.13	9.08	256	62.27
Alabama	37	12,500	1.20	.96	11.00	298	74.59
Colorado	24	11,335	.50	.44	10.90	191	43.24
Illinois	3,776	11,651	2.66	2.28	8.40	200	46.66
Kentucky	15,285	12,407	1.54	1.24	9.83	257	63.88
Ohio	132	12,912	3.52	2.72	8.52	280	72.31
Pennsylvania	210	12,989	1.79	1.38	7.41	256	66.56
Virginia	186	12,628	.73	.58	8.09	305	76.82
West Virginia	3,700	12,600	1.07	.85	11.02	301	75.92
Wyoming	3	8,585	.41	.48	6.70	276	47.34
Imported	8,026	11,611	.59	.51	7.11	243	56.42
Unclassified	5,006	12,149	1.34	1.11	9.12	258	62.63
Georgia	42,964	10,994	.82	.75	8.52	W	W
Alabama	996	12,107	1.74	1.44	12.44	220	53.19
Colorado	342	12,102	.42	.35	8.52	275	66.50
Illinois	668	12,055	1.29	1.07	6.63	225	54.15
Kentucky	16,856	12,342	1.12	.91	10.84	252	62.28
Tennessee	625	12,543	1.34	1.07	9.47	288	72.31
Virginia	5,240	12,601	1.07	.85	11.19	262	65.98
West Virginia	942	12,323	1.03	.84	11.07	276	68.02
Wyoming	15,186	8,631	.30	.35	4.94	187	32.20
Imported	1,742	10,891	.67	.62	5.39	360	78.40
Unclassified	369	12,379	1.14	.92	10.80	255	63.19
Hawaii	661	10,943	.51	.47	5.16	W	W
Imported	660	10,941	.51	.47	5.14	--	--
Unclassified	1	12,205	.34	.28	25.00	--	--

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2006
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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	59,603	8,937	.53	.59	5.48	126	22.59
Colorado	*	12,500	.50	.40	8.00	--	--
Illinois	6,781	10,406	2.48	2.38	9.90	146	29.75
Indiana	64	10,944	1.72	1.57	8.42	--	--
Kentucky	215	8,767	2.53	2.89	18.23	127	20.17
West Virginia	39	13,600	.87	.64	7.00	--	--
Wyoming	52,505	8,743	.27	.31	4.85	114	19.94
Indiana	63,296	10,638	1.61	1.52	7.87	W	W
Colorado	762	12,063	.43	.35	9.00	211	50.84
Illinois	7,380	11,185	2.26	2.02	8.49	159	35.74
Indiana	29,539	11,140	2.32	2.09	8.95	136	30.26
Kentucky	1,943	12,078	1.39	1.15	10.86	210	50.83
Montana	1,411	9,370	.32	.34	4.22	--	--
Ohio	235	11,918	2.17	1.82	8.07	168	40.06
Pennsylvania	1,565	12,958	2.17	1.68	7.93	186	48.23
West Virginia	3,540	12,357	1.44	1.17	10.80	187	46.26
Wyoming	16,921	8,805	.25	.29	5.01	145	25.50
Unclassified	*	11,398	2.18	1.91	9.20	154	35.11
Iowa	20,344	8,612	.44	.51	5.25	W	W
Colorado	150	11,464	.41	.35	7.34	269	61.73
Illinois	642	10,911	3.08	2.82	8.79	229	51.91
Indiana	65	11,069	.86	.78	9.47	302	66.90
Montana	9	9,450	.27	.29	4.10	239	45.22
Utah	30	11,478	.34	.30	7.73	228	52.34
Wyoming	19,230	8,491	.34	.40	5.09	99	16.76
Unclassified	218	9,421	1.20	1.28	6.42	134	25.30
Kansas	22,488	8,607	.45	.52	5.54	119	20.54
Illinois	3	11,215	3.22	2.87	9.20	113	25.35
Kansas	168	10,943	4.01	3.66	16.68	169	37.00
Missouri	238	11,254	3.87	3.44	15.94	164	37.01
Oklahoma	23	12,343	4.87	3.94	17.45	295	72.73
Wyoming	22,056	8,556	.38	.45	5.33	118	20.18
Kentucky	41,809	11,568	2.23	1.93	10.96	170	39.32
Colorado	2,885	11,897	.57	.48	9.47	163	38.72
Illinois	545	11,863	2.68	2.26	7.55	185	43.98
Indiana	1,020	11,057	2.52	2.28	9.18	168	37.11
Kentucky	26,737	11,599	2.69	2.32	11.25	164	38.50
Ohio	998	11,193	3.94	3.52	15.51	138	31.00
Pennsylvania	50	13,083	2.29	1.75	8.35	180	47.16
Tennessee	142	12,759	1.43	1.12	8.43	230	58.77
Utah	176	11,584	.46	.40	8.32	300	69.60
West Virginia	7,203	12,168	1.46	1.20	12.00	208	50.68
Wyoming	2,052	8,826	.32	.36	5.68	152	26.82
Louisiana	15,773	8,205	.49	.60	6.69	W	W
Louisiana	3,883	6,993	.97	1.38	11.48	151	21.11
Wyoming	11,813	8,584	.34	.39	5.12	195	34.36
Imported	76	11,310	.54	.48	6.50	--	--
Maine	148	12,784	.70	.55	7.28	W	W
Imported	148	12,784	.70	.55	7.28	--	--
Maryland	12,052	12,504	1.28	1.02	10.41	227	56.73
Kentucky	10	12,005	.68	.57	12.50	--	--
Maryland	2,450	12,433	1.74	1.40	11.02	--	--
Pennsylvania	2,505	12,993	1.85	1.43	8.03	--	--
Virginia	17	13,071	.58	.45	9.01	--	--
West Virginia	6,451	12,382	.96	.78	11.18	--	--
Imported	620	12,073	.43	.36	9.65	--	--
Massachusetts	5,054	11,546	.49	.42	6.67	278	64.22
Colorado	615	11,943	.46	.38	8.81	--	--
Imported	4,250	11,487	.49	.43	6.35	303	69.79
Unclassified	189	11,582	.52	.45	6.84	283	65.65
Michigan	37,594	9,975	.56	.56	6.09	168	33.55
Colorado	737	11,734	.50	.42	9.47	262	60.70
Illinois	14	11,970	2.40	2.01	7.87	201	48.01
Kentucky	4,958	12,709	1.24	.97	8.73	254	64.42
Montana	10,541	9,365	.36	.38	4.68	103	19.23

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2006
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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)							
Ohio	316	11,922	2.89	2.42	11.14	210	50.19
Pennsylvania.....	832	13,045	1.87	1.44	7.49	207	54.02
Utah	40	11,290	1.16	1.02	9.77	288	65.07
Virginia.....	9	12,599	.73	.58	11.07	--	--
West Virginia	2,575	12,749	1.23	.97	10.24	251	63.96
Wyoming.....	16,568	8,836	.27	.31	5.20	141	24.97
Unclassified.....	1,002	10,022	.66	.66	6.44	183	36.26
Minnesota.....	19,305	8,911	.44	.50	6.59	W	W
Illinois.....	62	10,659	.93	.87	7.71	344	73.42
Indiana.....	50	10,872	.87	.80	8.38	319	69.29
Kentucky	26	12,658	.79	.62	9.16	319	80.70
Montana.....	11,956	8,929	.55	.61	7.60	114	20.43
Wyoming.....	7,192	8,831	.26	.29	4.88	127	22.42
Unclassified.....	18	12,012	1.59	1.32	10.40	201	48.17
Mississippi.....	10,256	8,961	.60	.67	11.51	W	W
Colorado.....	1,510	11,180	.51	.46	11.93	209	46.65
Illinois.....	168	11,718	2.12	1.81	9.93	223	52.16
Kentucky	1,027	12,264	1.18	.96	12.68	283	69.41
Mississippi.....	3,587	5,115	.48	.94	15.80	--	--
Montana.....	27	10,015	.58	.58	7.44	279	55.91
Virginia.....	326	12,323	1.06	.86	12.02	283	69.64
Wyoming.....	1,266	8,777	.29	.33	5.55	242	42.47
Imported.....	2,345	11,392	.59	.52	7.46	254	57.91
Missouri.....	48,265	8,808	.36	.40	5.20	W	W
Illinois.....	914	11,539	2.59	2.24	7.70	184	43.02
Indiana.....	24	11,559	.81	.70	5.80	271	62.72
Kansas	171	11,580	4.15	3.58	13.51	155	36.01
Kentucky	50	12,992	1.46	1.12	7.45	371	96.53
Missouri.....	204	10,395	3.21	3.08	15.08	149	30.88
Utah	378	12,205	.95	.78	9.39	264	64.50
Wyoming.....	46,519	8,703	.28	.32	5.04	106	18.50
Unclassified.....	6	11,543	2.44	2.11	9.21	192	44.34
Montana.....	11,028	8,428	.66	.78	9.31	W	W
Montana.....	10,254	8,431	.69	.82	9.68	87	14.54
Wyoming.....	774	8,377	.24	.28	4.45	--	--
Nebraska.....	13,042	8,514	.30	.36	5.06	80	13.66
Wyoming.....	13,042	8,514	.30	.36	5.06	80	13.66
Nevada.....	3,695	11,495	.54	.47	9.28	173	39.75
Colorado.....	398	12,036	.46	.38	9.15	204	49.21
Utah	2,670	11,879	.59	.50	9.42	170	40.29
Wyoming.....	627	9,514	.41	.43	8.74	165	31.45
New Hampshire.....	1,856	13,196	1.29	.97	6.63	256	67.49
Pennsylvania.....	651	13,036	1.91	1.46	7.59	247	64.30
Virginia.....	361	14,031	.68	.49	4.61	252	70.80
West Virginia.....	190	13,157	2.59	1.97	8.12	262	68.90
Imported.....	655	12,905	.63	.48	6.37	265	68.41
New Jersey.....	5,011	12,770	1.17	.92	8.50	273	69.71
Kentucky	14	12,699	.78	.61	8.54	--	--
Ohio.....	9	12,653	2.69	2.13	7.70	231	58.43
Pennsylvania.....	841	13,059	1.80	1.38	7.26	--	--
West Virginia.....	3,528	12,789	1.01	.79	9.21	281	73.77
Wyoming.....	68	8,893	.30	.34	5.05	378	67.29
Imported.....	544	12,692	1.32	1.04	6.22	419	105.98
Unclassified.....	7	12,774	1.39	1.09	8.06	262	66.97
New Mexico.....	16,972	9,282	.76	.82	21.06	156	29.01
New Mexico.....	16,972	9,282	.76	.82	21.06	156	29.01
New York.....	9,952	11,584	1.36	1.17	7.32	240	55.59
Colorado.....	37	11,856	.51	.43	9.97	--	--
Kentucky	58	12,414	.94	.76	10.93	--	--
Pennsylvania.....	2,258	12,878	2.21	1.71	8.55	220	56.97
Virginia.....	46	13,194	.72	.55	6.68	--	--
West Virginia.....	3,464	12,959	2.02	1.56	8.29	230	60.06
Wyoming.....	3,136	8,862	.27	.30	5.42	--	--
Imported.....	943	12,343	.60	.49	6.80	--	--
Unclassified.....	10	12,079	1.95	1.61	13.25	244	63.18

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2006
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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)
North Carolina	32,408	12,268	.91	.74	11.58	269	65.91
Kentucky	11,807	12,418	1.00	.80	10.86	268	66.45
Tennessee	207	12,654	1.14	.90	7.97	296	74.92
Virginia	1,494	12,284	.97	.79	12.46	262	64.17
West Virginia	17,764	12,186	.86	.70	12.38	268	65.34
Imported	1,128	11,885	.57	.48	6.09	296	70.42
Unclassified	9	12,177	.86	.71	12.00	255	62.18
North Dakota	24,566	6,651	.71	1.07	9.83	88	11.71
Montana	778	9,315	.34	.36	4.80	97	18.14
North Dakota	23,487	6,545	.73	1.11	10.06	87	11.43
Wyoming	301	8,042	.37	.46	5.09	103	16.63
Ohio	60,108	11,525	1.68	1.45	9.91	170	39.24
Colorado	915	10,725	.42	.40	8.54	240	51.49
Illinois	1,220	12,191	2.61	2.14	9.35	176	42.93
Indiana	250	10,900	1.60	1.47	16.75	235	51.25
Kentucky	10,331	11,687	.90	.77	13.20	203	47.53
Montana	222	9,322	.34	.36	4.29	--	--
Ohio	17,446	12,287	3.30	2.68	9.34	139	34.14
Pennsylvania	4,268	12,982	1.92	1.48	7.53	139	35.81
West Virginia	14,388	12,044	1.26	1.04	12.55	173	41.76
Wyoming	10,568	8,840	.27	.30	5.24	168	29.56
Unclassified	500	12,163	1.43	1.17	8.16	--	--
Oklahoma	22,753	8,747	.42	.48	5.96	W	W
Colorado	105	11,746	.45	.38	10.47	--	--
Oklahoma	900	10,683	2.70	2.53	24.06	--	--
Wyoming	21,748	8,652	.33	.38	5.19	109	18.96
Oregon	1,918	8,321	.37	.44	4.89	130	21.62
Wyoming	1,918	8,321	.37	.44	4.89	130	21.62
Pennsylvania	53,947	11,459	2.09	1.82	16.06	172	39.40
Kentucky	4	12,130	.88	.73	9.00	--	--
Montana	225	9,297	.30	.32	4.30	--	--
Ohio	1,065	12,355	3.28	2.65	9.36	--	--
Pennsylvania	28,889	11,441	1.87	1.63	16.80	153	39.42
Virginia	9	12,715	.83	.65	10.40	--	--
West Virginia	8,377	12,640	2.73	2.16	9.85	153	39.51
Wyoming	1,112	8,729	.29	.33	5.44	223	38.92
Imported	202	12,868	.60	.46	5.74	--	--
Unclassified	14,063	10,954	2.26	2.07	19.94	--	--
South Carolina	17,289	12,584	1.29	1.02	9.90	W	W
Kentucky	13,390	12,535	1.23	.98	9.89	234	58.58
Pennsylvania	1,428	13,181	2.15	1.63	8.23	179	47.07
Tennessee	859	13,150	1.26	.96	7.04	275	72.30
Virginia	110	12,128	1.15	.95	11.29	259	62.90
West Virginia	1,389	12,158	.95	.78	13.27	244	59.27
Imported	23	11,218	.70	.62	10.58	346	77.64
Unclassified	89	12,585	1.33	1.06	9.93	233	58.61
South Dakota	2,016	8,534	.32	.37	5.48	151	25.81
Montana	84	8,637	.67	.78	9.60	153	26.46
Wyoming	1,932	8,529	.30	.35	5.30	151	25.78
Tennessee	39,195	10,819	1.11	1.03	8.31	W	W
Colorado	3,300	11,987	.58	.49	9.42	161	38.65
Illinois	5,296	12,024	2.68	2.23	9.17	165	39.70
Kentucky	7,477	12,020	1.91	1.59	10.13	172	41.15
Pennsylvania	1,105	13,002	2.71	2.09	9.00	200	51.90
Tennessee	15	12,763	.71	.56	11.07	157	40.00
Utah	1,153	11,611	.61	.53	11.02	251	58.28
Virginia	2,240	12,764	.88	.69	9.78	237	59.53
West Virginia	2,919	12,256	.88	.72	12.17	225	55.05
Wyoming	11,280	8,803	.31	.36	5.72	137	24.14
Imported	159	11,833	.71	.60	7.68	255	60.45
Unclassified	4,250	8,805	.31	.36	5.73	137	24.10
Texas	102,064	7,665	.67	.87	10.23	W	W
Colorado	1,165	10,418	.36	.34	6.04	--	--
Texas	44,453	6,515	1.12	1.71	16.80	148	17.82
Wyoming	56,383	8,509	.33	.38	5.14	148	25.34

Table 15.B. Destination and Origin of Coal for Electricity Generation By State: Total (All Sectors) 2006
(Continued)

Destination Origin	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Origin data based on FERC Form- 423 data only)	
		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)
Texas (Continued)							
Imported	63	12,282	.69	.56	5.50	357	87.72
Utah.....	17,187	10,981	.58	.53	13.32	W	W
Colorado	1,723	9,616	.36	.37	13.38	163	31.42
Utah	15,297	11,152	.61	.55	13.37	119	27.04
Wyoming	167	9,371	.40	.43	8.60	139	26.11
Virginia.....	15,442	12,592	1.04	.83	10.44	245	61.59
Kentucky	3,947	12,729	1.03	.81	9.59	244	61.81
Maryland	702	12,436	1.31	1.05	9.51	235	57.88
Pennsylvania.....	130	13,120	1.68	1.28	6.91	--	--
Virginia.....	8,963	12,548	1.06	.84	10.94	236	58.96
West Virginia	1,700	12,535	.86	.68	10.42	261	64.67
Washington.....	4,831	8,532	.69	.81	10.65	W	W
Montana.....	2,275	9,350	.34	.36	4.30	--	--
Washington.....	2,556	7,804	1.00	1.29	16.30	--	--
West Virginia.....	38,949	11,967	1.79	1.49	12.52	167	40.05
Colorado	85	11,767	.39	.33	10.87	162	38.07
Kentucky	653	11,981	.97	.81	12.50	226	54.22
Maryland	4,308	11,802	1.79	1.52	16.95	150	35.38
Montana.....	83	10,030	.66	.66	4.92	220	44.17
Ohio	4,022	12,463	4.09	3.28	8.69	131	32.63
Pennsylvania.....	4,539	12,810	1.80	1.40	7.98	153	39.24
West Virginia	23,770	11,949	1.52	1.27	13.73	182	44.24
Wyoming	1,490	8,936	.31	.35	4.99	192	34.46
Wisconsin.....	23,766	8,975	.36	.40	5.41	W	W
Colorado	1,107	11,678	.47	.40	10.38	277	65.50
Illinois.....	103	10,868	1.08	1.00	7.80	195	42.51
Indiana.....	119	10,857	1.23	1.14	8.31	222	48.13
Kentucky	99	11,780	2.88	2.44	9.00	--	--
Montana.....	612	9,325	.33	.35	4.18	151	28.10
Utah	632	12,450	1.22	.98	9.69	213	53.12
West Virginia	151	13,207	2.37	1.79	7.78	319	83.69
Wyoming.....	20,786	8,652	.29	.34	4.99	135	23.32
Unclassified.....	156	8,819	.33	.38	5.14	136	23.98
Wyoming.....	26,577	8,708	.51	.58	7.16	W	W
Wyoming.....	26,577	8,708	.51	.58	7.16	101	17.61
Total.....	1,079,943	10,063	.97	.96	9.03	169	34.09

* = 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) 2007

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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	10,392	12,008	1.43	1.19	12.57	249	59.60
Alabama	9,502	11,996	1.40	1.16	12.64	248	59.30
Georgia	890	12,134	1.80	1.49	11.81	259	62.77
Arizona	7,937	10,894	.55	.50	9.74	142	31.02
Arizona	7,937	10,894	.55	.50	9.74	142	31.02
Colorado	30,596	11,220	.51	.45	9.66	182	40.75
Alabama	3,134	11,747	.56	.47	9.55	173	40.64
Arizona	1,462	10,370	.36	.35	6.53	221	45.80
California	75	11,702	.53	.45	9.83	--	--
Colorado	11,187	10,587	.48	.45	9.81	141	29.91
Delaware	403	12,068	.48	.40	10.00	--	--
Florida	22	11,917	.44	.37	9.16	264	62.83
Georgia	378	12,081	.41	.34	8.76	306	73.86
Illinois	12	12,290	.46	.37	8.40	--	--
Indiana	809	11,984	.41	.34	10.18	207	49.57
Iowa	136	11,312	.41	.36	7.60	281	63.54
Kentucky	3,210	11,966	.60	.50	9.23	171	40.82
Massachusetts	675	11,994	.44	.37	9.10	--	--
Michigan	770	11,954	.44	.37	9.45	265	63.21
Mississippi	1,639	11,355	.49	.43	11.35	326	74.07
Nevada	312	12,189	.46	.38	9.26	196	47.68
Ohio	142	10,357	.41	.39	9.08	261	54.14
Oklahoma	90	12,000	.39	.33	8.54	--	--
Tennessee	3,643	11,973	.60	.50	9.37	165	39.42
Utah	1,428	9,793	.56	.57	12.03	188	36.82
Virginia	12	12,379	.50	.40	9.00	289	71.43
Wisconsin	1,057	11,818	.46	.39	10.04	293	70.19
Illinois	28,467	11,411	2.47	2.17	8.60	180	41.70
Alabama	1,508	11,861	2.14	1.80	7.36	197	46.72
Florida	4,619	11,853	2.25	1.90	7.45	198	46.98
Illinois	6,070	10,706	2.66	2.48	9.67	151	32.33
Indiana	7,102	11,104	2.37	2.13	8.62	173	38.77
Iowa	677	10,906	2.93	2.69	8.47	228	51.94
Kentucky	417	11,841	2.72	2.29	7.90	169	40.07
Minnesota	117	10,767	.97	.90	8.03	388	83.62
Missouri	1,139	11,399	2.51	2.20	8.29	204	47.03
Ohio	837	11,633	2.04	1.75	8.75	199	46.37
Tennessee	5,830	12,061	2.73	2.26	8.86	170	41.09
Wisconsin	152	11,504	1.14	.99	7.14	206	48.99
Indiana	30,675	11,165	2.47	2.21	8.97	145	32.35
Alabama	563	11,521	.85	.74	6.13	238	54.73
Illinois	55	10,850	1.75	1.61	7.80	--	--
Indiana	28,331	11,176	2.52	2.26	8.99	140	31.24
Kentucky	1,583	10,895	2.29	2.10	9.77	187	40.70
Massachusetts	21	9,350	.09	.10	1.40	--	--
Minnesota	12	10,783	.86	.80	8.03	449	96.86
Wisconsin	110	11,092	1.28	1.16	8.57	308	68.38
Kansas	525	11,118	3.84	3.45	15.38	170	37.76
Kansas	374	11,034	3.93	3.57	15.97	175	38.63
Missouri	150	11,328	3.59	3.17	13.89	157	35.62
Kentucky	111,249	12,183	1.64	1.34	10.56	228	55.54
Alabama	1,881	11,643	3.31	2.85	12.20	155	36.02
Delaware	757	12,521	.64	.51	10.08	--	--
Florida	13,893	12,401	1.68	1.36	9.57	257	63.84
Georgia	16,418	12,399	1.11	.90	10.69	281	69.62
Illinois	385	11,030	2.44	2.21	17.74	126	27.45
Indiana	181	12,617	1.74	1.38	8.51	222	56.28
Iowa	66	12,800	1.00	.78	10.00	374	95.74
Kentucky	25,885	11,697	2.65	2.26	10.55	171	40.29
Maryland	172	12,160	.84	.69	11.03	--	--
Massachusetts	40	12,140	.86	.71	11.00	--	--
Michigan	5,254	12,765	1.34	1.05	8.42	235	60.02
Minnesota	65	12,676	.89	.70	8.78	344	87.28
Mississippi	943	12,470	1.08	.86	11.37	311	77.66
Missouri	278	12,505	2.61	2.09	7.39	223	55.66

Table 16.A. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2007
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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 (Continued)							
New Jersey	58	12,427	.67	.54	10.10	--	--
New York	19	12,610	1.09	.86	9.80	--	--
North Carolina.....	10,171	12,476	.94	.76	10.84	284	70.54
Ohio	12,550	11,811	1.37	1.16	12.28	173	40.76
South Carolina.....	12,770	12,485	1.20	.96	10.20	235	58.69
Tennessee	5,349	12,171	1.41	1.16	10.18	217	52.65
Virginia.....	2,609	12,721	.96	.75	9.47	251	63.33
West Virginia	1,403	12,264	1.62	1.32	12.95	196	48.08
Wisconsin.....	100	11,780	2.88	2.44	9.00	--	--
Louisiana	3,068	6,855	.73	1.07	13.02	164	22.48
Louisiana.....	3,068	6,855	.73	1.07	13.02	164	22.48
Maryland.....	1,875	11,985	1.70	1.42	15.73	173	41.61
Maryland.....	970	11,948	1.65	1.38	15.88	--	--
West Virginia	905	12,025	1.75	1.45	15.56	173	41.61
Mississippi.....	3,387	5,100	.47	.92	16.09	--	--
Mississippi.....	3,387	5,100	.47	.92	16.09	--	--
Missouri.....	22	10,831	3.57	3.29	14.07	188	40.73
Kansas	16	11,358	4.14	3.65	15.70	166	37.73
Missouri.....	6	9,313	1.91	2.05	9.36	265	49.38
Montana	41,846	8,973	.48	.54	6.71	123	22.43
Arizona.....	599	9,303	.34	.37	4.39	161	30.00
Indiana.....	1,647	9,439	.33	.35	4.13	--	--
Michigan.....	9,811	9,360	.35	.38	4.59	107	19.96
Minnesota.....	11,858	8,879	.55	.62	7.93	132	23.50
Montana.....	10,703	8,432	.64	.76	9.38	111	14.77
North Dakota.....	891	9,349	.33	.36	4.67	107	19.93
Ohio.....	56	9,307	.32	.34	4.27	--	--
Pennsylvania.....	130	9,299	.34	.36	4.40	--	--
Washington.....	5,184	9,211	.34	.37	4.33	--	--
West Virginia	293	9,968	.71	.72	4.99	227	45.33
Wisconsin.....	675	9,314	.31	.33	4.36	158	29.44
New Mexico.....	23,622	9,309	.75	.81	20.12	173	32.09
Arizona.....	7,611	9,542	.72	.75	16.04	159	30.36
New Mexico.....	16,012	9,198	.77	.84	22.06	179	32.87
North Dakota.....	23,789	6,504	.76	1.17	10.12	97	12.66
North Dakota.....	23,789	6,504	.76	1.17	10.12	97	12.66
Ohio.....	26,106	12,243	3.36	2.74	9.38	145	35.42
Indiana.....	1,339	11,452	2.05	1.79	7.27	151	34.49
Kentucky	868	11,155	4.11	3.68	15.96	141	31.39
Michigan.....	288	11,871	2.97	2.50	11.44	220	52.46
New Jersey	9	12,635	2.83	2.24	7.50	--	--
New York.....	61	12,869	3.18	2.47	8.44	--	--
Ohio.....	16,896	12,266	3.16	2.58	9.44	142	35.01
Pennsylvania.....	667	12,329	3.13	2.54	9.54	--	--
Virginia.....	316	11,680	.54	.46	7.97	257	59.95
West Virginia	5,663	12,560	4.34	3.46	8.66	141	35.36
Oklahoma.....	769	10,572	2.62	2.48	24.44	--	--
Illinois.....	2	10,500	3.80	3.62	19.00	--	--
Oklahoma.....	766	10,572	2.61	2.47	24.46	--	--
Pennsylvania.....	49,041	11,980	1.96	1.64	13.61	201	51.91
Alabama.....	*	13,000	2.83	2.18	9.00	208	54.03
Delaware.....	236	12,661	1.08	.86	10.28	--	--
Florida.....	215	12,993	2.14	1.65	7.61	252	65.46
Indiana.....	1,276	13,061	2.34	1.80	8.06	207	54.07
Kentucky	5	13,068	2.47	1.89	8.60	178	46.44
Maryland.....	3,079	12,841	1.84	1.44	8.15	--	--
Michigan.....	810	12,767	2.18	1.71	8.78	207	52.98
New Hampshire.....	649	12,979	1.90	1.46	7.40	318	82.50
New Jersey	844	13,073	1.82	1.39	7.18	--	--
New York.....	1,936	12,858	2.28	1.77	8.59	228	58.44
Ohio.....	4,953	12,924	2.15	1.67	8.04	177	46.46
Pennsylvania.....	28,994	11,341	1.92	1.69	17.45	--	--
South Carolina.....	1,714	13,043	2.04	1.57	7.87	194	50.48
Tennessee.....	307	13,031	2.75	2.11	8.79	206	53.60
West Virginia	4,006	12,816	1.85	1.44	7.87	184	47.15

Table 16.A. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2007
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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)
Pennsylvania (Continued)							
Wisconsin.....	16	13,096	2.43	1.86	8.20	252	65.95
Tennessee.....	1,696	12,786	1.22	.95	8.50	272	69.64
Georgia.....	343	12,758	1.15	.90	7.92	290	73.93
Kentucky.....	173	12,587	1.28	1.02	8.97	228	57.49
North Carolina.....	532	12,673	1.11	.88	8.57	296	75.08
South Carolina.....	648	12,947	1.32	1.02	8.62	255	66.15
Texas.....	40,856	6,463	1.03	1.59	16.23	181	21.84
Texas.....	40,856	6,463	1.03	1.59	16.23	181	21.84
Utah.....	21,859	11,439	.60	.53	12.36	152	35.09
Alabama.....	631	11,890	.74	.62	10.75	217	51.55
California.....	1,083	11,879	.60	.50	9.57	--	--
Iowa.....	56	10,976	.36	.33	10.97	288	63.31
Michigan.....	66	12,737	.95	.75	8.30	--	--
Missouri.....	336	12,327	.97	.79	9.39	283	69.84
Nevada.....	2,401	11,606	.49	.42	9.56	192	44.67
Tennessee.....	755	11,967	.77	.64	10.53	210	50.29
Utah.....	15,971	11,278	.59	.52	13.34	132	30.08
Wisconsin.....	559	12,595	1.03	.82	8.57	264	66.39
Virginia.....	20,212	12,592	1.03	.82	11.01	251	62.93
Connecticut.....	47	13,462	.73	.55	6.31	--	--
Delaware.....	396	12,639	.88	.70	11.47	--	--
Florida.....	135	12,876	.74	.57	9.10	275	70.78
Georgia.....	5,674	12,585	1.04	.83	11.30	286	71.99
Maryland.....	39	11,574	.93	.81	15.39	--	--
Michigan.....	5	13,180	.73	.55	8.58	--	--
Mississippi.....	282	12,697	1.06	.83	10.23	283	71.80
New Hampshire.....	102	14,057	.71	.50	4.78	283	79.58
New Jersey.....	43	13,482	.70	.52	5.20	--	--
North Carolina.....	1,227	11,967	.87	.72	14.60	250	59.34
Pennsylvania.....	39	12,924	1.22	.94	10.55	--	--
South Carolina.....	4	13,015	.95	.73	8.40	232	60.26
Tennessee.....	2,202	12,816	.85	.66	9.48	228	57.63
Virginia.....	9,201	12,636	1.02	.81	10.51	234	59.00
West Virginia.....	816	12,109	1.91	1.58	14.96	194	47.08
West Virginia.....	101,644	12,262	1.38	1.12	11.73	227	55.55
Connecticut.....	648	12,240	1.08	.88	11.67	--	--
Delaware.....	615	12,700	.77	.61	10.53	--	--
Florida.....	4,752	12,474	.74	.59	11.85	318	79.64
Georgia.....	994	12,242	1.07	.88	12.15	323	79.49
Illinois.....	6	13,600	.87	.64	7.00	--	--
Indiana.....	2,871	12,582	1.68	1.33	10.01	177	44.52
Kentucky.....	6,610	12,141	1.44	1.18	11.84	206	50.01
Maryland.....	7,435	12,490	.99	.79	10.73	--	--
Michigan.....	2,091	12,639	.89	.70	10.27	251	63.25
New Hampshire.....	186	13,161	2.73	2.08	7.96	285	75.13
New Jersey.....	2,708	11,495	.63	.55	5.93	--	--
New York.....	3,118	13,056	2.39	1.83	8.34	235	60.66
North Carolina.....	20,507	12,338	1.05	.85	11.76	272	66.97
Ohio.....	10,960	12,013	1.07	.89	12.88	189	45.48
Pennsylvania.....	7,448	12,699	2.74	2.16	9.92	--	--
South Carolina.....	1,393	12,253	.90	.73	12.35	236	57.76
Tennessee.....	3,190	12,347	.95	.77	11.52	256	63.31
Virginia.....	1,327	12,665	.81	.64	10.33	244	59.76
West Virginia.....	24,646	11,960	1.68	1.41	13.51	182	43.90
Wisconsin.....	139	13,116	2.47	1.88	7.85	--	--
Wyoming.....	429,508	8,648	.31	.36	5.20	142	24.52
Alabama.....	14,369	8,771	.31	.35	5.07	166	29.14
Arizona.....	3,975	8,765	.41	.47	5.32	159	27.82
Arkansas.....	14,906	8,712	.26	.30	4.86	155	26.98
Colorado.....	8,641	8,612	.29	.33	4.80	103	17.70
Georgia.....	15,363	8,582	.28	.33	4.66	199	34.18
Illinois.....	51,946	8,739	.25	.29	4.85	128	22.52
Indiana.....	16,326	8,751	.25	.28	4.91	183	32.10
Iowa.....	21,654	8,511	.33	.38	5.09	102	17.28
Kansas.....	23,993	8,542	.35	.41	5.08	122	20.83

Table 16.A. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2007
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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)
Wyoming (Continued)							
Kentucky	1,313	8,859	.31	.35	5.51	147	26.03
Louisiana	13,510	8,549	.31	.36	4.88	230	40.11
Michigan	17,675	8,792	.25	.28	4.99	156	27.45
Minnesota	7,831	8,751	.29	.33	5.04	171	29.96
Mississippi	152	8,823	.30	.34	5.63	252	44.47
Missouri	43,935	8,700	.29	.34	5.10	128	22.26
Montana	776	8,345	.24	.29	4.41	--	--
Nebraska	12,780	8,511	.31	.37	5.06	88	14.96
Nevada	858	9,500	.38	.40	8.58	170	32.33
New Jersey	12	8,902	.24	.27	4.70	--	--
New York	3,852	8,888	.27	.30	5.30	--	--
North Dakota	252	8,033	.35	.43	5.07	140	22.56
Ohio	11,050	8,808	.28	.32	5.32	194	34.28
Oklahoma	21,206	8,655	.33	.38	5.18	117	20.22
Oregon	2,291	8,360	.31	.37	4.72	138	23.06
Pennsylvania	1,281	8,764	.32	.36	5.43	--	--
South Dakota	1,616	8,530	.30	.35	5.46	156	26.57
Tennessee	8,172	8,782	.28	.32	5.20	159	27.95
Texas	61,668	8,488	.33	.38	5.25	161	27.55
West Virginia	1,108	8,810	.31	.35	5.36	225	39.63
Wisconsin	20,548	8,635	.30	.34	5.09	154	26.62
Wyoming	26,446	8,684	.49	.57	7.37	106	18.53
Imported	30,611	11,475	.55	.47	6.37	262	60.46
Alabama	6,298	11,534	.57	.50	5.56	239	55.23
Arkansas	269	9,008	.17	.19	3.52	456	82.16
Connecticut	1,313	9,207	.09	.09	1.57	--	--
Florida	7,931	11,517	.62	.54	7.96	250	57.55
Georgia	1,620	11,745	.52	.44	5.50	328	77.12
Hawaii	704	10,871	.47	.43	5.47	--	--
Iowa	3	11,218	.62	.55	6.10	287	64.30
Louisiana	178	9,280	.37	.40	3.33	429	79.59
Maine	267	13,170	.65	.50	6.37	--	--
Maryland	93	8,962	.23	.26	1.89	--	--
Massachusetts	3,958	11,533	.45	.39	5.63	--	--
Mississippi	3,562	11,233	.59	.53	8.03	276	61.91
New Hampshire	560	13,069	.79	.61	6.05	260	67.88
New Jersey	343	11,894	.52	.44	4.55	369	96.94
New York	1,013	12,775	.59	.46	6.37	--	--
North Carolina	491	12,426	.58	.47	6.00	291	72.25
Pennsylvania	370	13,118	.72	.55	5.50	--	--
South Carolina	350	12,416	.70	.56	6.74	287	71.15
Texas	*	8,296	.37	.44	5.45	120	19.91
Virginia	1,281	11,458	.51	.44	6.82	264	60.57
Wisconsin	8	11,218	.62	.55	6.10	287	64.30
Unclassified	14,915	11,022	2.17	1.97	18.48	--	--
Michigan	244	10,629	1.00	.94	8.15	--	--
Ohio	928	11,588	1.46	1.26	6.73	--	--
Pennsylvania	13,726	10,989	2.24	2.04	19.46	--	--
South Carolina	17	12,658	.85	.68	12.60	--	--
Total	1,054,664	10,028	.96	.96	8.84	178	36.06

* = 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."

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2006

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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	10,653	12,444	1.53	1.23	13.34	235	58.40
Alabama	9,620	12,479	1.51	1.21	13.45	236	58.87
Florida	37	12,500	1.20	.96	11.00	298	74.59
Georgia	996	12,107	1.74	1.44	12.44	220	53.19
Arizona	8,053	10,912	.52	.48	9.52	136	29.74
Arizona	8,053	10,912	.52	.48	9.52	136	29.74
Colorado	30,578	11,110	.49	.44	9.73	176	39.15
Alabama	1,824	11,486	.55	.48	9.55	233	53.54
Arizona	1,049	10,532	.39	.37	7.25	168	35.39
Arkansas	124	9,511	.37	.39	5.52	258	49.15
California	27	11,714	.48	.41	9.70	--	--
Colorado	11,398	10,680	.49	.45	9.96	146	31.21
Delaware	297	11,897	.49	.41	9.37	--	--
Florida	24	11,335	.50	.44	10.90	191	43.24
Georgia	342	12,102	.42	.35	8.52	275	66.50
Illinois	*	12,500	.50	.40	8.00	--	--
Indiana	762	12,063	.43	.35	9.00	211	50.84
Iowa	150	11,464	.41	.35	7.34	269	61.73
Kentucky	2,885	11,897	.57	.48	9.47	163	38.72
Massachusetts	615	11,943	.46	.38	8.81	--	--
Michigan	737	11,734	.50	.42	9.47	262	60.70
Mississippi	1,510	11,180	.51	.46	11.93	209	46.65
Nevada	398	12,036	.46	.38	9.15	204	49.21
New York	37	11,856	.51	.43	9.97	--	--
Ohio	915	10,725	.42	.40	8.54	240	51.49
Oklahoma	105	11,746	.45	.38	10.47	--	--
Tennessee	3,300	11,987	.58	.49	9.42	161	38.65
Texas	1,165	10,418	.36	.34	6.04	--	--
Utah	1,723	9,616	.36	.37	13.38	163	31.42
West Virginia	85	11,767	.39	.33	10.87	162	38.07
Wisconsin	1,107	11,678	.47	.40	10.38	277	65.50
Illinois	31,412	11,352	2.36	2.08	8.68	182	41.71
Alabama	3,840	11,695	1.58	1.35	6.96	241	56.41
Florida	3,776	11,651	2.66	2.28	8.40	200	46.66
Georgia	668	12,055	1.29	1.07	6.63	225	54.15
Illinois	6,781	10,406	2.48	2.38	9.90	146	29.75
Indiana	7,380	11,185	2.26	2.02	8.49	159	35.74
Iowa	642	10,911	3.08	2.82	8.79	229	51.91
Kansas	3	11,215	3.22	2.87	9.20	113	25.35
Kentucky	545	11,863	2.68	2.26	7.55	185	43.98
Michigan	14	11,970	2.40	2.01	7.87	201	48.01
Minnesota	62	10,659	.93	.87	7.71	344	73.42
Mississippi	168	11,718	2.12	1.81	9.93	223	52.16
Missouri	914	11,539	2.59	2.24	7.70	184	43.02
Ohio	1,220	12,191	2.61	2.14	9.35	176	42.93
Tennessee	5,296	12,024	2.68	2.23	9.17	165	39.70
Wisconsin	103	10,868	1.08	1.00	7.80	195	42.51
Indiana	31,486	11,137	2.29	2.06	8.98	140	31.26
Alabama	355	11,419	.74	.65	5.58	263	60.15
Illinois	64	10,944	1.72	1.57	8.42	--	--
Indiana	29,539	11,140	2.32	2.09	8.95	136	30.26
Iowa	65	11,069	.86	.78	9.47	302	66.90
Kentucky	1,020	11,057	2.52	2.28	9.18	168	37.11
Minnesota	50	10,872	.87	.80	8.38	319	69.29
Missouri	24	11,559	.81	.70	5.80	271	62.72
Ohio	250	10,900	1.60	1.47	16.75	235	51.25
Wisconsin	119	10,857	1.23	1.14	8.31	222	48.13
Kansas	338	11,265	4.08	3.62	15.08	162	36.50
Kansas	168	10,943	4.01	3.66	16.68	169	37.00
Missouri	171	11,580	4.15	3.58	13.51	155	36.01
Kentucky	117,747	12,136	1.59	1.31	10.80	223	54.34
Alabama	2,541	11,731	2.13	1.81	12.87	232	54.53
Delaware	320	12,569	.72	.57	9.61	--	--
Florida	15,285	12,407	1.54	1.24	9.83	257	63.88
Georgia	16,856	12,342	1.12	.91	10.84	252	62.28

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2006
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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 (Continued)							
Illinois.....	215	8,767	2.53	2.89	18.23	127	20.17
Indiana.....	1,943	12,078	1.39	1.15	10.86	210	50.83
Kentucky.....	26,737	11,599	2.69	2.32	11.25	164	38.50
Maryland.....	10	12,005	.68	.57	12.50	--	--
Michigan.....	4,958	12,709	1.24	.97	8.73	254	64.42
Minnesota.....	26	12,658	.79	.62	9.16	319	80.70
Mississippi.....	1,027	12,264	1.18	.96	12.68	283	69.41
Missouri.....	50	12,992	1.46	1.12	7.45	371	96.53
New Jersey.....	14	12,699	.78	.61	8.54	--	--
New York.....	58	12,414	.94	.76	10.93	--	--
North Carolina.....	11,807	12,418	1.00	.80	10.86	268	66.45
Ohio.....	10,331	11,687	.90	.77	13.20	203	47.53
Pennsylvania.....	4	12,130	.88	.73	9.00	--	--
South Carolina.....	13,390	12,535	1.23	.98	9.89	234	58.58
Tennessee.....	7,477	12,020	1.91	1.59	10.13	172	41.15
Virginia.....	3,947	12,729	1.03	.81	9.59	244	61.81
West Virginia.....	653	11,981	.97	.81	12.50	226	54.22
Wisconsin.....	99	11,780	2.88	2.44	9.00	--	--
Louisiana.....	3,883	6,993	.97	1.38	11.48	151	21.11
Louisiana.....	3,883	6,993	.97	1.38	11.48	151	21.11
Maryland.....	7,460	12,069	1.73	1.43	14.30	160	37.87
Maryland.....	2,450	12,433	1.74	1.40	11.02	--	--
Virginia.....	702	12,436	1.31	1.05	9.51	235	57.88
West Virginia.....	4,308	11,802	1.79	1.52	16.95	150	35.38
Mississippi.....	3,587	5,115	.48	.94	15.80	--	--
Mississippi.....	3,587	5,115	.48	.94	15.80	--	--
Missouri.....	442	10,859	3.56	3.28	15.55	157	34.19
Kansas.....	238	11,254	3.87	3.44	15.94	164	37.01
Missouri.....	204	10,395	3.21	3.08	15.08	149	30.88
Montana.....	38,881	8,982	.50	.56	6.86	106	19.12
Arizona.....	405	9,336	.32	.34	4.55	162	30.27
Indiana.....	1,411	9,370	.32	.34	4.22	--	--
Iowa.....	9	9,450	.27	.29	4.10	239	45.22
Michigan.....	10,541	9,365	.36	.38	4.68	103	19.23
Minnesota.....	11,956	8,929	.55	.61	7.60	114	20.43
Mississippi.....	27	10,015	.58	.58	7.44	279	55.91
Montana.....	10,254	8,431	.69	.82	9.68	87	14.54
North Dakota.....	778	9,315	.34	.36	4.80	97	18.14
Ohio.....	222	9,322	.34	.36	4.29	--	--
Pennsylvania.....	225	9,297	.30	.32	4.30	--	--
South Dakota.....	84	8,637	.67	.78	9.60	153	26.46
Washington.....	2,275	9,350	.34	.36	4.30	--	--
West Virginia.....	83	10,030	.66	.66	4.92	220	44.17
Wisconsin.....	612	9,325	.33	.35	4.18	151	28.10
New Mexico.....	26,362	9,359	.73	.78	19.15	151	28.30
Arizona.....	9,382	9,498	.68	.72	15.70	142	26.97
California.....	8	9,500	.77	.81	17.00	--	--
New Mexico.....	16,972	9,282	.76	.82	21.06	156	29.01
North Dakota.....	23,487	6,545	.73	1.11	10.06	87	11.43
North Dakota.....	23,487	6,545	.73	1.11	10.06	87	11.43
Ohio.....	24,223	12,269	3.44	2.80	9.49	141	34.45
Florida.....	132	12,912	3.52	2.72	8.52	280	72.31
Indiana.....	235	11,918	2.17	1.82	8.07	168	40.06
Kentucky.....	998	11,193	3.94	3.52	15.51	138	31.00
Michigan.....	316	11,922	2.89	2.42	11.14	210	50.19
New Jersey.....	9	12,653	2.69	2.13	7.70	231	58.43
Ohio.....	17,446	12,287	3.30	2.68	9.34	139	34.14
Pennsylvania.....	1,065	12,355	3.28	2.65	9.36	--	--
West Virginia.....	4,022	12,463	4.09	3.28	8.69	131	32.63
Oklahoma.....	923	10,724	2.75	2.57	23.90	295	72.73
Kansas.....	23	12,343	4.87	3.94	17.45	295	72.73
Oklahoma.....	900	10,683	2.70	2.53	24.06	--	--
Pennsylvania.....	49,342	12,069	1.92	1.59	13.13	180	46.78
Delaware.....	71	12,952	1.37	1.06	8.75	--	--
Florida.....	210	12,989	1.79	1.38	7.41	256	66.56

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2006
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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)
Pennsylvania (Continued)							
Indiana.....	1,565	12,958	2.17	1.68	7.93	186	48.23
Kentucky.....	50	13,083	2.29	1.75	8.35	180	47.16
Maryland.....	2,505	12,993	1.85	1.43	8.03	--	--
Michigan.....	832	13,045	1.87	1.44	7.49	207	54.02
New Hampshire.....	651	13,036	1.91	1.46	7.59	247	64.30
New Jersey.....	841	13,059	1.80	1.38	7.26	--	--
New York.....	2,258	12,878	2.21	1.71	8.55	220	56.97
Ohio.....	4,268	12,982	1.92	1.48	7.53	139	35.81
Pennsylvania.....	28,889	11,441	1.87	1.63	16.80	153	39.42
South Carolina.....	1,428	13,181	2.15	1.63	8.23	179	47.07
Tennessee.....	1,105	13,002	2.71	2.09	9.00	200	51.90
Virginia.....	130	13,120	1.68	1.28	6.91	--	--
West Virginia.....	4,539	12,810	1.80	1.40	7.98	153	39.24
Tennessee.....	1,858	12,850	1.28	1.00	8.14	277	71.15
Alabama.....	10	11,700	1.32	1.13	15.00	195	45.68
Georgia.....	625	12,543	1.34	1.07	9.47	288	72.31
Kentucky.....	142	12,759	1.43	1.12	8.43	230	58.77
North Carolina.....	207	12,654	1.14	.90	7.97	296	74.92
South Carolina.....	859	13,150	1.26	.96	7.04	275	72.30
Tennessee.....	15	12,763	.71	.56	11.07	157	40.00
Texas.....	44,453	6,515	1.12	1.71	16.80	148	17.82
Texas.....	44,453	6,515	1.12	1.71	16.80	148	17.82
Utah.....	21,917	11,399	.65	.57	12.30	143	32.79
California.....	1,540	12,206	.87	.71	10.01	--	--
Iowa.....	30	11,478	.34	.30	7.73	228	52.34
Kentucky.....	176	11,584	.46	.40	8.32	300	69.60
Michigan.....	40	11,290	1.16	1.02	9.77	288	65.07
Missouri.....	378	12,205	.95	.78	9.39	264	64.50
Nevada.....	2,670	11,879	.59	.50	9.42	170	40.29
Tennessee.....	1,153	11,610	.61	.53	11.02	251	58.28
Utah.....	15,297	11,152	.61	.55	13.37	119	27.04
Wisconsin.....	632	12,450	1.22	.98	9.69	213	53.12
Virginia.....	19,387	12,593	1.02	.81	10.86	248	62.23
Delaware.....	385	12,631	.89	.70	11.39	--	--
Florida.....	186	12,628	.73	.58	8.09	305	76.82
Georgia.....	5,240	12,601	1.07	.85	11.19	262	65.98
Maryland.....	17	13,071	.58	.45	9.01	--	--
Michigan.....	9	12,599	.73	.58	11.07	--	--
Mississippi.....	326	12,323	1.06	.86	12.02	283	69.64
New Hampshire.....	361	14,031	.68	.49	4.61	252	70.80
New York.....	46	13,194	.72	.55	6.68	--	--
North Carolina.....	1,494	12,284	.97	.79	12.46	262	64.17
Pennsylvania.....	9	12,715	.83	.65	10.40	--	--
South Carolina.....	110	12,127	1.15	.95	11.29	259	62.90
Tennessee.....	2,240	12,764	.88	.69	9.78	237	59.53
Virginia.....	8,963	12,548	1.06	.84	10.94	236	58.96
Washington.....	2,556	7,804	1.00	1.29	16.30	--	--
Washington.....	2,556	7,804	1.00	1.29	16.30	--	--
West Virginia.....	104,391	12,256	1.35	1.10	11.95	220	53.73
Alabama.....	438	12,243	.75	.61	12.73	253	62.01
Connecticut.....	677	12,050	1.31	1.09	12.73	--	--
Delaware.....	1,186	12,538	.74	.59	11.24	--	--
Florida.....	3,700	12,600	1.07	.85	11.02	301	75.92
Georgia.....	942	12,323	1.03	.84	11.07	276	68.02
Illinois.....	39	13,600	.87	.64	7.00	--	--
Indiana.....	3,540	12,357	1.44	1.17	10.80	187	46.26
Kentucky.....	7,203	12,168	1.46	1.20	12.00	208	50.68
Maryland.....	6,451	12,382	.96	.78	11.18	--	--
Michigan.....	2,575	12,749	1.23	.97	10.24	251	63.96
New Hampshire.....	190	13,157	2.59	1.97	8.12	262	68.90
New Jersey.....	3,528	12,789	1.01	.79	9.21	281	73.77
New York.....	3,464	12,959	2.02	1.56	8.29	230	60.06
North Carolina.....	17,764	12,186	.86	.70	12.38	268	65.34
Ohio.....	14,388	12,044	1.26	1.04	12.55	173	41.76
Pennsylvania.....	8,377	12,640	2.73	2.16	9.85	153	39.51

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2006
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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)							
South Carolina.....	1,389	12,158	.95	.78	13.27	244	59.27
Tennessee.....	2,919	12,256	.88	.72	12.17	225	55.05
Virginia.....	1,700	12,535	.86	.68	10.42	261	64.67
West Virginia.....	23,770	11,949	1.52	1.27	13.73	182	44.24
Wisconsin.....	151	13,207	2.37	1.79	7.78	319	83.69
Wyoming.....	421,800	8,670	.31	.36	5.21	127	22.07
Alabama.....	12,542	8,795	.24	.27	4.93	148	25.99
Arizona.....	2,093	8,713	.44	.50	5.25	151	26.36
Arkansas.....	15,428	8,761	.29	.33	4.83	144	25.18
Colorado.....	8,430	8,616	.26	.30	4.75	99	17.02
Delaware.....	87	10,252	.67	.66	8.56	--	--
Florida.....	3	8,585	.41	.48	6.70	276	47.34
Georgia.....	15,186	8,631	.30	.35	4.94	187	32.20
Illinois.....	52,505	8,742	.27	.31	4.85	114	19.94
Indiana.....	16,921	8,805	.25	.29	5.01	145	25.50
Iowa.....	19,230	8,491	.34	.40	5.09	99	16.76
Kansas.....	22,056	8,556	.38	.45	5.33	118	20.18
Kentucky.....	2,052	8,825	.32	.36	5.68	152	26.82
Louisiana.....	11,813	8,584	.34	.39	5.12	195	34.36
Michigan.....	16,568	8,836	.27	.31	5.20	141	24.97
Minnesota.....	7,192	8,831	.26	.29	4.88	127	22.42
Mississippi.....	1,266	8,777	.29	.33	5.55	242	42.47
Missouri.....	46,519	8,703	.28	.32	5.04	106	18.50
Montana.....	774	8,377	.24	.28	4.45	--	--
Nebraska.....	13,042	8,514	.30	.36	5.06	80	13.66
Nevada.....	627	9,514	.41	.43	8.74	165	31.45
New Jersey.....	68	8,893	.30	.34	5.05	378	67.29
New York.....	3,136	8,862	.27	.30	5.42	--	--
North Dakota.....	301	8,042	.37	.46	5.09	103	16.63
Ohio.....	10,568	8,840	.27	.30	5.24	168	29.56
Oklahoma.....	21,748	8,652	.33	.38	5.19	109	18.96
Oregon.....	1,918	8,321	.37	.44	4.89	130	21.62
Pennsylvania.....	1,112	8,729	.29	.33	5.44	223	38.92
South Dakota.....	1,932	8,529	.30	.35	5.30	151	25.78
Tennessee.....	11,280	8,803	.31	.36	5.72	137	24.14
Texas.....	56,383	8,509	.33	.38	5.14	148	25.34
Utah.....	167	9,371	.40	.43	8.60	139	26.11
West Virginia.....	1,490	8,936	.31	.35	4.99	192	34.46
Wisconsin.....	20,786	8,652	.29	.34	4.99	135	23.32
Wyoming.....	26,577	8,708	.51	.58	7.16	101	17.61
Imported.....	28,425	11,464	.57	.50	6.32	256	59.18
Alabama.....	5,073	11,493	.63	.55	6.05	227	52.25
Arkansas.....	137	10,060	.70	.69	4.84	368	74.13
Connecticut.....	1,599	9,212	.17	.18	1.45	--	--
Delaware.....	30	12,127	.43	.35	7.50	--	--
Florida.....	8,026	11,611	.59	.51	7.11	243	56.42
Georgia.....	1,742	10,890	.67	.62	5.39	360	78.40
Hawaii.....	660	10,941	.51	.47	5.14	--	--
Louisiana.....	76	11,310	.54	.48	6.50	--	--
Maine.....	148	12,784	.70	.55	7.28	--	--
Maryland.....	620	12,073	.43	.36	9.65	--	--
Massachusetts.....	4,250	11,487	.49	.43	6.35	303	69.79
Mississippi.....	2,345	11,392	.59	.52	7.46	254	57.91
New Hampshire.....	655	12,905	.63	.48	6.37	265	68.41
New Jersey.....	544	12,692	1.32	1.04	6.22	419	105.98
New York.....	943	12,343	.60	.49	6.80	--	--
North Carolina.....	1,128	11,885	.57	.48	6.09	296	70.42
Pennsylvania.....	202	12,868	.60	.46	5.74	--	--
South Carolina.....	23	11,218	.70	.62	10.58	346	77.64
Tennessee.....	159	11,833	.71	.60	7.68	255	60.45
Texas.....	63	12,282	.69	.56	5.50	357	87.72
Unclassified.....	26,299	10,844	1.63	1.50	14.24	211	45.06
Alabama.....	406	11,928	1.41	1.18	11.40	222	53.03
Florida.....	5,006	12,149	1.34	1.11	9.12	258	62.63
Georgia.....	369	12,379	1.14	.92	10.80	255	63.19

Table 16.B. Origin and Destination of Coal for Electricity Generation By State: Total (All Sectors) 2006
(Continued)

Origin Destination	Quantity (thousand tons)	Average Quality				Average Delivered Cost (Based on FERC Form-423 data only)	
		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)							
Hawaii	1	12,205	.34	.28	25.00	--	--
Indiana	*	11,398	2.18	1.91	9.20	154	35.11
Iowa	218	9,421	1.20	1.28	6.42	134	25.30
Massachusetts	189	11,582	.52	.45	6.84	283	65.65
Michigan	1,002	10,022	.66	.66	6.44	183	36.26
Minnesota	18	12,012	1.59	1.32	10.40	201	48.17
Missouri	6	11,543	2.44	2.11	9.21	192	44.34
New Jersey	7	12,774	1.39	1.09	8.06	262	66.97
New York	10	12,079	1.95	1.61	13.25	244	63.18
North Carolina	9	12,177	.86	.71	12.00	255	62.18
Ohio	500	12,163	1.43	1.17	8.16	--	--
Pennsylvania	14,063	10,954	2.26	2.07	19.94	--	--
South Carolina	89	12,585	1.33	1.06	9.93	233	58.61
Tennessee	4,250	8,805	.31	.36	5.73	137	24.10
Wisconsin	156	8,819	.33	.38	5.14	136	23.98
Total	1,079,943	10,063	.97	.96	9.03	169	34.26

* = 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* reports. Following is a description of the ongoing data quality efforts and sources of data.

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 (IDC) System. 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.

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 non-sampling 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 non-sampling 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.
- 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 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 2006 and 2007* 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 2007*.

Rounding and Percent Change Calculations

Rounding Rules for Data. To round a number to n digits (decimal places), add one unit to the n th digit if the $(n+1)$ digit is 5 or larger and keep the n th 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."

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. The data collected on this survey include the cost and quality of fossil fuels delivered to nonutility plants to produce electricity. 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 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 and units for average heat contents (A) are in million Btu per ton.

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

For gas, units for receipts are in thousand cubic feet (Mcf) and 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.

Sensitive Data (Formerly Identified as Data Confidentiality). Plant fuel cost data collected on the survey are considered business sensitive. 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, a procedure was utilized to estimate fuel receipts for the affected plants on a monthly basis for the reporting period beginning in 2003. 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).

For each non-respondent, the associated fuel quality and cost information for each fuel was estimated using the State weighted average for the electric power industry for the month (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 month 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. Prior to 2005, the State or national average value was used in the case of out of range receipts in addition to non-response.

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.

The FERC Form 423 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.

Sensitive Data (Formerly Identified as Data Confidentiality). Data collected on FERC Form 423 are not considered to be sensitive.