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Preface

The *Electric Power Monthly (EPM)* presents monthly electricity statistics for a wide audience including Congress, Federal and State agencies, the electric power industry, and the general public. The purpose of this publication is to provide energy decision makers with accurate and timely information that may be used in forming various perspectives on electric issues that lie ahead. In order to provide an integrated view of the electric power industry, data in this report have been separated into two major categories: electric power sector and combined heat and power producers. The Energy Information Administration (EIA) collected the information in this report to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275) as amended.

Background

The Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels, EIA, Department of Energy prepares the *EPM*. This publication provides monthly statistics at the State (lowest level of aggregation), Census Division, and U.S. levels for net generation, fossil fuel consumption and stocks, cost, quantity and quality of fossil fuels received, electricity retail sales, associated

revenue, and average price of electricity sold. In addition the report contains rolling 12-month totals in the national overviews, as appropriate.

Data Sources

The *EPM* contains information from the following data sources: Form EIA-923, "Power Plant Operations Report;" Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-860M, "Monthly Update to the Annual Electric Generator Report;" Form EIA-861, "Annual Electric Power Industry Report." Forms and their instructions may be obtained from the internet site:

<http://www.eia.doe.gov/cneaf/electricity/page/forms.html> A detailed description of these forms and associated algorithms are found in Appendix C, "Technical Notes."

Beginning with 2008 data and some annual 2007 data, the Form EIA-923 replaced Forms EIA-906, EIA-920, EIA-423, and FERC 423. In addition, several sections of the discontinued Form EIA-767 have been included in either the EIA-860 or EIA-923. See the following link for a detailed explanation.

<http://www.eia.doe.gov/cneaf/electricity/2008forms/consolidate.html>

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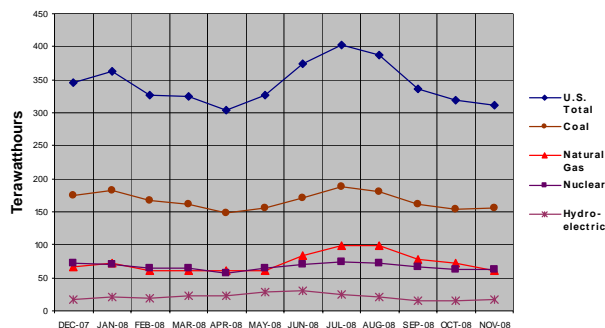
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Executive Summary

Generation: Net generation in the United States dropped by 0.9 percent from November 2007 to November 2008. This was the fourth consecutive month that net generation was down compared to the same calendar month in 2007. The Commerce Department reported that real gross domestic product decreased from the third quarter to the fourth quarter of 2008, and reflecting this decline, total industrial production in November 2008 as reported by the Federal Reserve was 5.5 percent lower than it had been in November 2007, the fifth consecutive month that same-month industrial production in 2008 declined from 2007. Weather conditions were consistent with the lower generation level as well.

The drop in coal-fired generation was the largest absolute fuel-specific decline from November 2007 to November 2008 as it fell by 4,380 thousand megawatthours, or 2.7 percent. Declines in Texas, Georgia, Missouri, Tennessee, and West Virginia totaled 4,262 thousand megawatthours. Nuclear generation was down by 2.3 percent and was second only to coal-fired generation in its contribution to the national drop in net generation. The biggest drop in generation at a nuclear plant was at the Millstone facility in Connecticut, which was down for part of the month for a refueling outage. Net generation from wind sources was 42.4 percent higher than it had been in November 2007. The higher wind generation totals in Texas, California, Minnesota, and Illinois accounted for 53.1 percent of the national rise. Petroleum liquid-fired generation was 4.8 percent higher compared to a year ago, with its overall share of net generation still quite small compared to coal, nuclear, natural gas-fired, and hydroelectric sources.

Figure 1: Net Generation by Major Energy Source: Total (All Sectors), December 2007 through November 2008

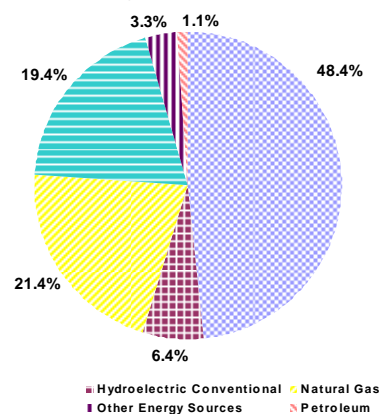


Year-to-date, net generation was down 1.0 percent from 2007 levels. Net generation attributable to coal-fired plants was down 1.0 percent. Nuclear generation was down 0.2 percent. Generation from petroleum liquids was down 39.2 percent, while natural gas-fired

generation was down 2.6 percent. The November increase in conventional hydroelectric generation contributed to a year-to-date total that was up 6.1 percent. The jump in November wind generation contributed to a year-to-date wind generation total that was up 33.1 percent.

Coal-fired plants contributed 48.4 percent of the Nation's electric power, year-to-date. Nuclear plants contributed 19.4 percent, while 21.4 percent was generated at natural gas-fired plants. Of the 1.1 percent generated by petroleum-fired plants, petroleum liquids represented 0.8 percent, with the remainder from petroleum coke. Conventional hydroelectric power provided 6.4 percent of the total, while other renewables (biomass, geothermal, solar, and wind) and other miscellaneous energy sources generated the remaining 3.1 percent of electric power (Figure 2).

Figure 2: Net Generation Shares by Energy Source: Total (All Sectors), Year-to-Date through November, 2008



Consumption of Fuels: Consumption of coal for power generation in November 2008 was down by 1.3 percent compared to November 2007. For the same time period, consumption of petroleum liquids was up by 9.8 percent while petroleum coke decreased by 5.5 percent. Consumption of natural gas increased by 3.4 percent.

Year-to-date, consumption of coal rose by a very small amount. Natural gas consumption decreased by 1.8 percent, while the consumption of petroleum liquids and petroleum coke fell by 37.2 percent and 11.6 percent, respectively.

Fuel Stocks, Electric Power Sector, November 2008

Total electric power sector coal stocks increased between November 2007 and November 2008 by 12.0 million tons. Stocks of bituminous coal (including coal synfuel)

decreased by 2.5 percent, or 1.7 million tons between November 2007 and November 2008 (from 68.0 to 66.3 million tons). Subbituminous coal stocks grew by 13.6 million tons between November 2007 and November 2008 (from 81.9 to 95.5 million tons).

Electric power sector liquid petroleum stocks totaled 40.1 million barrels at the end of November 2008, a decrease of 10.2 percent (4.6 million barrels) from November 2007. November 2008 stocks were 0.1 percent (53 thousand barrels) higher than at the end of October 2008.

Fuel Receipts and Costs, All Sectors, November 2008

In November 2008, the price of coal to electricity generators decreased slightly from the amount which held steady for the previous 3 months. The downward trend in the prices of petroleum liquids and natural gas continued in November. Receipts of coal, petroleum liquids, and natural gas decreased from their October 2008 levels, but increased from their November 2007 levels.

The average price paid for petroleum liquids decreased significantly from \$15.55 per MMBtu in October 2008 to \$11.59 in November. This was a 25.5-percent decrease from October and a 10.4-percent decrease from November 2007. Receipts of petroleum liquids in November 2008 were 3.5 million barrels, a 6.8-percent decrease from October 2008 and a 1.3-percent increase from November 2007.

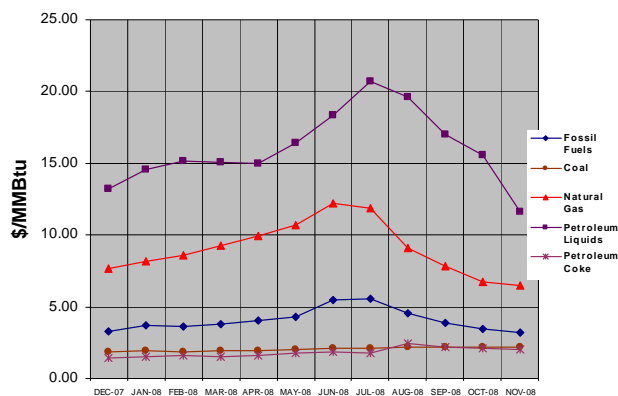
The average price paid for natural gas by electricity generators in November was \$6.49 per MMBtu, a 4.0-percent decrease from the October 2008 level of \$6.76. The November price was 8.7 percent lower than the November 2007 price of \$7.11 per MMBtu. Receipts of natural gas were 530.6 million Mcf, down 14.6 percent from October 2008 and up 8.2 percent from November 2007.

The average price paid for coal in November 2008 was \$2.15 per MMBtu, down 1.4 percent from the price paid in October 2008. It was 20.8 percent higher when compared with the November 2007 price of \$1.78 per MMBtu. Receipts of coal in November were 89.3 million tons, down 3.7 percent when compared with October 2008 data and up 3.6 percent from November 2007. The overall price for fossil fuels was \$3.24 per MMBtu in November 2008, a 6.4-percent decrease from October 2008, and a 5.5 percent increase from November 2007.

Year-to-date (January through November) 2008 prices compared to the same period last year were up 32.3 percent for natural gas, 75.8 percent for petroleum liquids, and 17.1 percent for coal. Year-to-date 2008 receipts compared to the same period last year were up 5.0 percent for natural

gas and 0.4 percent for coal. Year-to-date receipts for petroleum liquids were down 14.4 percent.

Figure 3: Electric Power Industry Fuel Costs, December 2007 through November 2008



Sales, Revenue, and Average Retail Price, November 2008

The average retail price of electricity for November 2008 was 9.73 cents per kilowatt-hour (kWh), 2.9 percent lower than October 2008 when the average retail price of electricity was 10.02 cents per kWh, and 8.8 percent higher than November 2007, when the price was 8.94 cents per kWh. The seasonal decrease in electricity demand due to more moderate temperatures in the shoulder season continuing into November led to lower prices than in October 2008. Retail sales between November 2007 and November 2008 decreased 2.3 percent due to the slowing economy and comparably less cooling demand than November 2007. The average price of residential electricity for November 2008 increased 0.77 cents to 11.47 cents per kWh from November 2007 and was down slightly from 11.86 cents per kWh in October 2008 when cooling demand was higher. At 11.47 cents per kWh, the average residential price of electricity increased by 7.2 percent from November 2007.

Sales: For November 2008, sales in the residential sector increased by 0.3 percent while sales in the commercial and industrial sectors decreased by 0.3 percent and 7.6 percent, respectively, as compared to November 2007. For the month, total retail sales were 279.6 billion kWh, a decrease of 13.5 billion kWh from October 2008, and a decrease of 2.3 percent or 6.7 billion kWh from November 2007. Year-to-date 2008, sales were 3,445 billion kWh, corresponding to a 0.4 percent decrease over the same period in 2007.

Revenue: Total retail revenues in November 2008 were \$27.2 billion, reflecting an increase in revenue of 6.2 percent from November 2007, but a \$2.2 billion decrease from October 2008, reflecting a slowing demand. The revenue increase year-over-year can be attributed to higher

fuel costs, while seasonality and a slowing economy influenced sales from month to month, October to November. For November 2008, residential sector retail revenues increased 7.5 percent from November 2007, while the commercial and industrial sector retail revenues increased by 6.3 and 3.7 percent respectively. Year-to-date 2008, retail revenue increased to \$337.8 billion, a 6.8-percent increase over the same period in 2007.

Average Retail Price: For the month, average residential retail prices slipped slightly to 11.47 cents per kWh from 11.86 cents per kWh in October 2008, although they were 7.2 percent higher than November 2007 when the price was 10.70 cents per kWh. The November 2008 average commercial retail price was 10.13 cents per kWh, a 6.6 percent increase from November 2007 and down slightly from 10.49 cents per kWh in October 2008. The average industrial retail price for November 2008 rose to 7.06 cents per kWh, a 12.4 percent increase over November 2007 and down slightly from 7.24 cents per kWh in October 2008. Year-to-date November 2008 residential prices increased

by 6.3 percent when compared to the same period last year and the year-to-date average retail prices for all sectors increased to 9.81 cents per kWh, or 7.2 percent over the same period last year. (Figure 4).

Figure 4: Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Year-to-Date through November 2008 and 2007

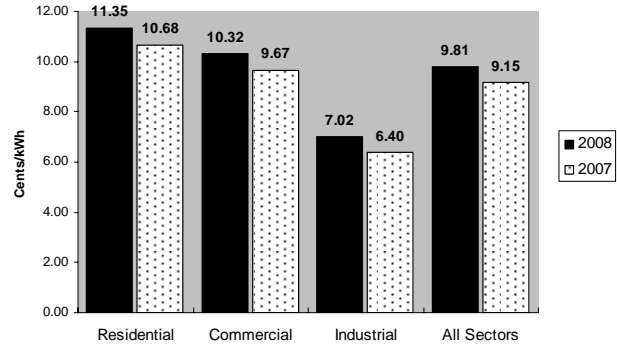


Table ES1.A. Total Electric Power Industry Summary Statistics, 2008 and 2007

November											
Net Generation and Consumption of Fuels											
Items	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	% Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
Net Generation (thousand megawatthours)											
Coal ¹	155,002	159,382	-2.7	113,340	118,379	40,332	39,557	102	115	1,227	1,332
Petroleum Liquids ²	2,097	2,001	4.8	1,539	1,452	454	411	9	5	96	133
Petroleum Coke.....	1,075	1,135	-5.3	516	404	469	568	1	1	89	162
Natural Gas ³	61,461	60,637	1.4	22,273	21,658	33,160	32,373	327	335	5,701	6,270
Other Gases ⁴	686	1,031	-33.5	1	14	160	318	--	--	525	699
Nuclear.....	63,408	64,899	-2.3	31,811	33,202	31,597	31,697	--	--	--	--
Hydroelectric Conventional.....	17,081	15,682	8.9	15,474	14,118	1,505	1,436	3	5	100	123
Other Renewables.....	10,092	9,029	11.8	844	779	6,878	5,658	127	141	2,244	2,451
Wood and Wood-Derived Fuels ⁵	3,157	3,273	-3.6	186	204	772	678	1	2	2,198	2,390
Other Biomass ⁶	1,296	1,425	-9.1	90	103	1,035	1,122	125	139	47	61
Geothermal.....	1,206	1,211	-0.4	102	96	1,104	1,115	--	--	--	--
Solar Thermal and Photovoltaic ⁷	26	24	7.3	1	*	25	24	--	--	--	--
Wind.....	4,408	3,095	42.4	465	376	3,942	2,719	--	--	--	--
Hydroelectric Pumped Storage.....	-492	-662	25.6	-390	-549	-103	-113	--	--	--	--
Other Energy Sources ⁸	736	967	-23.9	37	42	499	503	58	65	142	357
All Energy Sources.....	311,146	314,103	-0.9	185,444	189,498	114,952	112,409	626	667	10,124	11,528
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons) ¹	81,383	82,495	-1.3	58,641	60,509	22,148	21,573	30	30	564	383
Petroleum Liquids (1000 bbls) ²	3,625	3,302	9.8	2,685	2,501	792	657	12	8	135	137
Petroleum Coke (1000 tons).....	407	431	-5.5	198	162	183	223	*	*	26	46
Natural Gas (1000 Mcf) ³	484,860	468,868	3.4	188,171	181,269	248,956	240,436	2,921	2,722	44,813	44,442
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons) ¹	1,839	1,898	-3.1	--	--	345	311	149	139	1,344	1,447
Petroleum Liquids (1000 bbls) ²	451	761	-40.8	--	--	31	99	17	8	403	653
Petroleum Coke (1000 tons).....	73	98	-25.6	--	--	12	13	1	1	60	83
Natural Gas (1000 Mcf) ³	61,635	70,319	-12.3	--	--	24,809	26,476	2,107	3,000	34,719	40,843
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons) ¹	83,221	84,392	-1.4	58,641	60,509	22,494	21,884	179	169	1,908	1,830
Petroleum Liquids (1000 bbls) ²	4,076	4,063	.3	2,685	2,501	823	756	29	16	538	790
Petroleum Coke (1000 tons).....	480	529	-9.2	198	162	195	236	2	2	86	129
Natural Gas (1000 Mcf) ³	546,495	539,187	1.4	188,171	181,269	273,765	266,912	5,028	5,722	79,532	85,285
Fuel Stocks (end-of-month)											
Coal (1000 tons) ⁹	169,050	157,438	7.4	131,854	122,160	34,444	32,132	299	393	2,453	2,753
Petroleum Liquids (1000 bbls) ²	44,778	48,050	-6.8	26,033	28,157	14,102	16,561	390	583	4,253	2,748
Petroleum Coke (1000 tons).....	1,247	890	40.0	489	309	377	303	*	*	380	278

Retail Sales, Retail Revenue and Average Retail Price per Kilowatthour

Items	Total U.S. Electric Power Industry								
	Retail Sales (Million kWh) ¹⁰			Retail Revenue (Million Dollars)			Average Retail Price (Cents/kWh)		
	Nov 2008	Nov 2007	% Change	Nov 2008	Nov 2007	% Change	Nov 2008	Nov 2007	% Change
Residential.....	96,153	95,905	.3	11,029	10,264	7.5	11.47	10.70	7.2
Commercial ¹¹	104,245	104,603	-.3	10,564	9,938	6.3	10.13	9.50	6.6
Industrial ¹¹	78,610	85,118	-7.6	5,549	5,348	3.7	7.06	6.28	12.4
Transportation ¹¹	616	673	-8.5	65	59	10.9	10.61	8.76	21.1
All Sectors.....	279,623	286,299	-2.3	27,207	25,609	6.2	9.73	8.94	8.8

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, and kerosene.

³ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

⁴ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁵ Wood, black liquor, and other wood waste.

⁶ Biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, and other biomass.

⁷ Solar thermal and photovoltaic energy.

⁸ Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

⁹ Anthracite, bituminous, subbituminous, coal synfuel, and lignite; excludes waste coal.

¹⁰ Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (e.g., sales data may include imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

¹¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

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

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables". • Values for 2007 are final. Values for 2008 are preliminary and are estimates based on samples. - See Technical Notes for a discussion of the sample designs. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Monetary values are expressed in nominal terms.

Sources: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2008 and 2007

January through November											
Net Generation and Consumption of Fuels											
Items	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
	2008	2007	% Change	2008	2007	2008	2007	2008	2007	2008	2007
Net Generation (thousand megawatts)											
Coal ¹	1,824,137	1,842,626	-1.0	1,345,504	1,362,333	461,401	463,696	1,406	1,253	15,826	15,344
Petroleum Liquids ²	28,390	46,702	-39.2	20,036	31,712	6,959	12,650	91	164	1,304	2,175
Petroleum Coke	12,600	14,822	-15.0	5,419	6,815	6,020	6,265	5	8	1,156	1,734
Natural Gas ³	808,226	829,782	-2.6	290,720	290,601	446,078	464,280	3,939	3,911	67,490	70,991
Other Gases ⁴	13,253	12,431	6.6	19	126	4,241	3,579	--	--	8,992	8,726
Nuclear	732,692	734,442	-2.2	385,354	389,810	347,338	344,632	--	--	--	--
Hydroelectric Conventional	243,220	229,168	6.1	221,210	210,349	20,094	17,314	66	70	1,850	1,436
Other Renewables	105,284	95,685	10.0	8,402	8,132	69,704	59,631	1,505	1,479	25,673	26,443
Wood and Wood-Derived Fuels ⁵	34,760	35,675	-2.6	1,719	2,026	7,995	7,767	17	13	25,030	25,868
Other Biomass ⁶	15,112	15,072	.3	1,024	1,117	11,957	11,915	1,488	1,466	643	574
Geothermal	13,414	13,371	.3	1,091	1,036	12,324	12,335	--	--	--	--
Solar Thermal and Photovoltaic ⁷	798	606	31.7	14	10	784	596	--	--	--	--
Wind	41,199	30,960	33.1	4,555	3,942	36,644	27,018	--	--	--	--
Hydroelectric Pumped Storage	-5,657	-6,331	10.6	-4,609	-4,897	-1,047	-1,434	--	--	--	--
Other Energy Sources ⁸	9,763	11,128	-12.3	527	517	5,993	5,646	683	703	2,560	4,262
All Energy Sources	3,771,908	3,810,454	-1.0	2,272,582	2,295,500	1,366,781	1,376,257	7,696	7,588	124,850	131,110
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons) ¹	955,801	955,432	.0	695,421	698,261	252,735	252,148	430	330	7,215	4,693
Petroleum Liquids (1000 bbls) ²	48,802	77,709	-37.2	34,997	54,065	11,794	21,120	148	231	1,863	2,294
Petroleum Coke (1000 tons)	4,869	5,509	-11.6	2,139	2,590	2,421	2,448	1	1	308	469
Natural Gas (1000 Mcf) ³	6,453,690	6,571,964	-1.8	2,518,039	2,540,525	3,382,440	3,493,000	33,953	31,336	519,257	507,103
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons) ¹	19,872	20,769	-4.3	--	--	3,963	3,457	1,535	1,414	14,375	15,899
Petroleum Liquids (1000 bbls) ²	5,973	12,496	-52.2	--	--	653	1,207	216	391	5,103	10,898
Petroleum Coke (1000 tons)	991	1,158	-14.4	--	--	117	150	7	10	866	998
Natural Gas (1000 Mcf) ³	712,211	795,620	-10.5	--	--	278,961	310,378	23,252	32,329	409,999	452,913
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons) ¹	975,673	976,201	-1.1	695,421	698,261	256,698	255,605	1,965	1,743	21,589	20,592
Petroleum Liquids (1000 bbls) ²	54,775	90,204	-39.3	34,997	54,065	12,447	22,326	364	621	6,967	13,192
Petroleum Coke (1000 tons)	5,860	6,667	-12.1	2,139	2,590	2,538	2,598	8	11	1,174	1,467
Natural Gas (1000 Mcf) ³	7,165,901	7,367,584	-2.7	2,518,039	2,540,525	3,661,401	3,803,378	57,204	63,665	929,256	960,016

Retail Sales, Retail Revenue and Average Retail Price per Kilowatt-hour

Items	Total U.S. Electric Power Industry								
	Retail Sales (Million kWh) ⁹			Retail Revenue (Million Dollars)			Average Retail Price (Cents/kWh)		
	2008	2007	% Change	2008	2007	% Change	2008	2007	% Change
Residential	1,261,810	1,274,833	-1.0	143,158	136,164	5.1	11.35	10.68	6.3
Commercial ¹⁰	1,248,865	1,230,407	1.5	128,815	118,923	8.3	10.32	9.67	6.7
Industrial ¹⁰	927,102	944,107	-1.8	65,035	60,467	7.6	7.02	6.40	9.7
Transportation ¹⁰	6,978	7,509	-7.1	793	732	8.3	11.36	9.74	16.6
All Sectors	3,444,755	3,456,856	-4	337,801	316,287	6.8	9.81	9.15	7.2

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

⁴ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁵ Wood, black liquor, and other wood waste.

⁶ Biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, and other biomass.

⁷ Solar thermal and photovoltaic energy.

⁸ Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

⁹ Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (e.g., sales data may include imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

¹⁰ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." • Values for 2007 are final. Values for 2008 are preliminary. Values from Forms EIA-826, EIA-906, and EIA-920 for 2007 and values from Form EIA-923 for 2008 are estimates based on samples - see Technical Notes for a discussion of the sample designs. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2008 and 2007

November										
Total (All Sectors)										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants ¹		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
Coal (1000 tons) ²	89,253	86,153	42.40	35.26	482	465	969,085	964,967	40.92	35.43
Petroleum Liquids (1000 barrels) ³ ..	3,480	3,434	69.52	80.43	446	239	49,092	57,320	102.51	58.87
Petroleum Coke (1000 tons)	535	475	58.31	42.07	22	24	5,284	5,200	52.69	43.16
Natural Gas (1000 Mcf) ⁴	530,597	490,634	6.66	7.30	1,061	795	6,993,369	6,658,021	9.59	7.25
Electric Utilities										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
Coal (1000 tons) ²	64,887	62,648	43.39	35.84	298	295	698,379	701,476	41.33	36.01
Petroleum Liquids (1000 barrels) ³ ..	2,014	2,063	75.06	80.99	240	120	33,340	32,778	102.54	57.86
Petroleum Coke (1000 tons)	290	254	67.88	47.07	8	10	2,639	2,783	59.61	49.69
Natural Gas (1000 Mcf) ⁴	190,218	159,449	7.01	7.67	499	261	2,505,715	2,145,360	9.58	7.63
Independent Power Producers										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
Coal (1000 tons) ²	23,136	22,335	38.27	32.93	141	131	257,049	250,591	38.85	33.06
Petroleum Liquids (1000 barrels) ³ ..	1,145	1,054	63.45	82.16	166	87	11,716	19,393	106.53	62.80
Petroleum Coke (1000 tons)	200	169	36.09	28.80	11	9	2,056	1,796	35.67	28.92
Natural Gas (1000 Mcf) ⁴	267,649	257,759	6.41	7.04	439	415	3,616,264	3,698,629	9.61	7.05
Commercial Sector										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
Coal (1000 tons) ²	36	42	85.12	62.48	3	3	444	497	73.96	62.84
Petroleum Liquids (1000 barrels) ³ ..	5	1	87.66	118.15	3	2	41	41	110.60	80.75
Petroleum Coke (1000 tons)	--	--	--	--	--	--	--	--	--	--
Natural Gas (1000 Mcf) ⁴	1,811	1,720	8.79	7.83	8	8	19,717	20,904	10.01	8.08
Industrial Sector										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
Coal (1000 tons) ²	1,194	1,127	67.53	48.48	40	36	13,213	12,402	58.44	49.11
Petroleum Liquids (1000 barrels) ³ ..	316	316	55.91	70.94	37	30	3,995	5,108	90.35	50.23
Petroleum Coke (1000 tons)	45	53	95.55	60.43	3	5	588	621	81.16	55.04
Natural Gas (1000 Mcf) ⁴	70,919	71,707	6.60	7.36	115	111	851,673	793,128	9.56	7.14

¹ Represents the number of plants for which receipts data were collected for this month. A plant using more than one fuel may be counted multiple times. The total numbers of electric power plants using coal, petroleum liquids, petroleum coke, and natural gas in the country as of January 1, 2007 are: 620; 1,542; 46; and 1,838 respectively.

² Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

³ Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

⁴ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • Values for 2007 are final. Values for 2008 are preliminary. • 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;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table ES2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Btus, 2008 and 2007

November										
Total (All Sectors)										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants ¹		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007
Coal ²	1,763,843	1,710,779	2.15	1.78	482	465	19,255,576	19,377,696	2.06	1.76
Petroleum Liquids ³	20,874	21,358	11.59	12.93	446	239	303,811	358,240	16.56	9.42
Petroleum Coke.....	15,202	13,588	2.05	1.47	22	24	150,196	148,073	1.85	1.51
Natural Gas ⁴	544,678	503,318	6.49	7.11	1,061	795	7,180,538	6,839,889	9.34	7.06
Fossil Fuels.....	2,344,597	2,249,043	3.24	3.07	1,422	1,131	26,890,121	26,723,898	4.17	3.22

Electric Utilities										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007
Coal ²	1,296,740	1,259,332	2.17	1.78	298	295	14,043,729	14,241,796	2.05	1.77
Petroleum Liquids ³	12,071	13,121	12.52	12.73	240	120	208,138	208,509	16.43	9.10
Petroleum Coke.....	8,313	7,302	2.37	1.64	8	10	75,229	79,616	2.09	1.74
Natural Gas ⁴	195,078	163,259	6.83	7.49	499	261	2,571,277	2,203,769	9.33	7.43
Fossil Fuels.....	1,512,201	1,443,013	2.86	2.53	713	472	16,898,373	16,733,691	3.34	2.61

Independent Power Producers										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007
Coal ²	440,070	425,488	2.01	1.73	141	131	4,910,073	4,846,392	2.03	1.71
Petroleum Liquids ³	6,824	6,253	10.65	13.85	166	87	70,569	118,384	17.69	10.29
Petroleum Coke.....	5,636	4,797	1.28	1.01	11	9	58,369	50,957	1.26	1.02
Natural Gas ⁴	274,839	264,594	6.24	6.86	439	415	3,713,016	3,798,108	9.36	6.87
Fossil Fuels.....	727,370	701,133	3.69	3.77	569	524	8,752,026	8,813,841	5.26	4.04

Commercial Sector										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007
Coal ²	879	978	3.49	2.69	3	3	10,572	11,633	3.10	2.68
Petroleum Liquids ³	28	4	15.10	20.20	3	2	236	241	19.04	13.84
Petroleum Coke.....	--	--	--	--	--	--	--	--	--	--
Natural Gas ⁴	1,850	1,758	8.61	7.66	8	8	20,232	21,401	9.75	7.89
Fossil Fuels.....	2,757	2,740	7.04	5.90	10	9	31,040	33,275	7.56	6.11

Industrial Sector										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007	November 2008	November 2007
Coal ²	26,154	24,981	3.08	2.19	40	36	291,202	277,876	2.65	2.19
Petroleum Liquids ³	1,951	1,980	9.06	11.33	37	30	24,868	31,105	14.52	8.25
Petroleum Coke.....	1,253	1,489	3.40	2.14	3	5	16,598	17,499	2.87	1.95
Natural Gas ⁴	72,911	73,707	6.42	7.16	115	111	876,014	816,610	9.30	6.94
Fossil Fuels.....	102,270	102,157	5.58	5.95	130	126	1,208,682	1,143,090	7.72	5.74

¹ Represents the number of plants for which receipts data were collected for this month. The total number of fossil fuel plants is not a sum of the figures above it because a plant that receives two or more different fuels is only counted once. The total number of electric power plants using coal, petroleum liquids, petroleum coke, and natural gas in the country as of January 1, 2007 are: 620; 1,542; 46; and 1,838 respectively.

² Anthracite, bituminous, subbituminous, lignite, waste coal, and coal symfuel.

³ Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

⁴ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • Values for 2007 are final. Values for 2008 are preliminary.

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;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table ES3. New and Planned U.S. Electric Generating Units by Operating Company, Plant and Month, 2008 - 2009

Year/Month/Company	Producer Type	Plant	State	Plant ID	Generating Unit ID	Net Summer Capacity (megawatts) ¹	Energy Source	Prime Mover
New Units 2008								
January								
Acciona Wind Energy USA LLC	IPP	Tatanka Wind Power LLC	ND	56669	TW1	180.0	WND	WT
BC Energy LLC	IPP	BC Energy LLC	MN	56624	1	4.0	WND	WT
Black Hills Power Inc	Elect. Utility	Wygen 2	WY	56319	1	89.0	SUB	ST
City of Columbus	Elect. Utility	Dodge Park 0007	OH	56423	7	2.0	DFO	IC
City of Columbus	Elect. Utility	ST- 1A 0006	OH	56422	6	1.3	DFO	IC
City of Columbus	Elect. Utility	ST-8 0005	OH	56421	5	2.0	DFO	IC
FPL Energy Oliver County Wind II LLC	IPP	FPL Energy Oliver Wind II LLC	ND	56573	2	48.0	WND	WT
Harvest Windfarm LLC	IPP	Harvest Windfarm LLC	MI	56635	1	52.8	WND	WT
Iberdrola Renewable Energies USA	IPP	Top of Iowa Windfarm II	IA	56383	TOI2	80.0	WND	WT
John Deere Wind 4 LLC	IPP	JD Wind 4 LLC	TX	56560	JDW4	79.8	WND	WT
K&D Energy LLC	IPP	K&D Energy LLC	MN	56626	1	4.0	WND	WT
KC Energy LLC	IPP	KC Energy LLC	MN	56625	1	4.0	WND	WT
KSS Turbines LLC	IPP	KSS Turbines LLC	MN	56627	1	4.0	WND	WT
Mint Farm Energy Center LLC	IPP	Mint Farm Generation LLC	WA	55700	1STG	114.4	NG	CA
Mint Farm Energy Center LLC	IPP	Mint Farm Generation LLC	WA	55700	CTG1	160.0	NG	CT
P P M Energy Inc	IPP	MinnDakota Wind LLC	SD	56459	2	150.0	WND	WT
PacificCorp	Elect. Utility	Marengo Wind Plant	WA	56466	2	70.2	WND	WT
Prairie Wind Power LLC	IPP	Prairie Wind Power LLC	MN	56628	1	4.0	WND	WT
Smoky Hills Wind Farm LLC	IPP	Smoky Hills Windfarm	KS	56488	1	100.8	WND	WT
Southwestern Bell Telephone Co.	Commercial	Southwestern Bell Telephone	MO	54858	E/G5	2.7	DFO	IC
US Geothermal Inc	IPP	Raft River Geothermal Power Plant	ID	56317	1	16.7	GEO	ST
Wind Capital Holdings LLC	IPP	Wind Capital Holdings LLC	MO	56555	1	56.7	WND	WT
February								
Airtricity Inc	IPP	Airtricity Champion Wind Farm LLC	TX	56592	CH1	126.5	WND	WT
Airtricity Inc	IPP	Airtricity Roscoe Wind Farm LLC	TX	56593	RO1	209.0	WND	WT
Idaho Power Co	Elect. Utility	Evander Andrews Power Complex	ID	7953	1	146.9	NG	GT
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	1	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	10	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	11	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	12	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	13	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	14	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	15	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	16	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	17	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	18	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	2	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	3	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	4	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	5	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	6	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	7	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	8	.3	LFG	IC
Industrial Power Generating Company LLC	IPP	Pine Grove	PA	56690	9	.3	LFG	IC
Invenergy Services LLC	IPP	Stanton Wind Energy LLC	TX	56644	1	120.0	WND	WT
Loess Hills Farm LLC	IPP	Loess Hills Wind Farm LLC	MO	56538	1	5.0	WND	WT
Madison Gas & Electric Co	Elect. Utility	Top of Iowa Windfarm III	IA	56386	TOI3	29.7	WND	WT
Old Trail Wind Farm LLC	CHP	Old Trail Wind Farm	IL	56614	2	198.0	WND	WT
Ormat Nevada Inc	IPP	Galena 3	NV	56541	GEN1	8.5	GEO	BT
Ormat Nevada Inc	IPP	Galena 3	NV	56541	GEN2	4.2	GEO	BT
Public Service Co of Oklahoma	Elect. Utility	Southwestern	OK	2964	4	73.5	NG	GT
Public Service Co of Oklahoma	Elect. Utility	Southwestern	OK	2964	5	73.5	NG	GT
WM Renewable Energy LLC	IPP	Bethel	VA	56531	GEN1	.8	LFG	IC
WM Renewable Energy LLC	IPP	Bethel	VA	56531	GEN2	.8	LFG	IC
WM Renewable Energy LLC	IPP	Bethel	VA	56531	GEN3	.8	LFG	IC
WM Renewable Energy LLC	IPP	Bethel	VA	56531	GEN4	.8	LFG	IC
WM Renewable Energy LLC	IPP	Bethel	VA	56531	GEN5	.8	LFG	IC
WM Renewable Energy LLC	IPP	Bethel	VA	56531	GEN6	.8	LFG	IC
WM Renewable Energy LLC	IPP	Five Oaks Gas Recovery	IL	56529	GEN1	.8	LFG	IC
WM Renewable Energy LLC	IPP	Five Oaks Gas Recovery	IL	56529	GEN2	.8	LFG	IC
WM Renewable Energy LLC	IPP	Five Oaks Gas Recovery	IL	56529	GEN3	.8	LFG	IC
WM Renewable Energy LLC	IPP	Five Oaks Gas Recovery	IL	56529	GEN4	.8	LFG	IC

Table ES3. New and Planned U.S. Electric Generating Units by Operating Company, Plant and Month, 2008 - 2009
(Continued)

Year/Month/Company	Producer Type	Plant	State	Plant ID	Generating Unit ID	Net Summer Capacity (megawatts) ¹	Energy Source	Prime Mover
New Units 2008								
March								
Bethlehem Renewable Energy LLC	IPP	Bethlehem Renewable Energy LLC	PA	56572	1	4.7	LFG	GT
Bio-Energy Partners	IPP	High Acres Gas Recovery	NY	50568	GEN5	1.6	LFG	IC
Bio-Energy Partners	IPP	High Acres Gas Recovery	NY	50568	GEN6	1.6	LFG	IC
Bio-Energy Partners	IPP	High Acres Gas Recovery	NY	50568	GEN7	1.6	LFG	IC
Bio-Energy Partners	IPP	High Acres Gas Recovery	NY	50568	GEN8	1.6	LFG	IC
Shell Wind Energy Inc.	IPP	NedPower Mount Storm	WV	56495	MS1	164.0	WND	WT
April								
Capricorn Ridge Wind LLC	IPP	Capricorn Ridge Wind LLC	TX	56763	3	186.0	WND	WT
Cow Branch Wind Power LLC	IPP	Cow Branch Wind Power LLC	MO	56536	1	50.4	WND	WT
Edison Mission Energy	IPP	Forward Windpower LLC	PA	56699	1	29.4	WND	WT
Edison Mission Energy	IPP	Goat Wind LP	TX	56754	1	80.0	WND	WT
Invenergy Cannon Falls LLC	IPP	Cannon Falls Energy Center	MN	56241	UNT1	169.2	NG	GT
Invenergy Cannon Falls LLC	IPP	Cannon Falls Energy Center	MN	56241	UNT2	169.2	NG	GT
Madison Paper Industries Inc.	Industrial	Anson Abenaki Hydros	ME	10186	AB6	2.9	WAT	HY
MidAmerican Energy Co.	Elect. Utility	Charles City	IA	56677	CCWF	75.0	WND	WT
South Oak Hospital	Commercial	South Oaks Hospital	NY	50136	CG1	.2	NG	IC
South Oak Hospital	Commercial	South Oaks Hospital	NY	50136	CG2	.2	NG	IC
South Oak Hospital	Commercial	South Oaks Hospital	NY	50136	CG3	.2	NG	IC
South Oak Hospital	Commercial	South Oaks Hospital	NY	50136	CG4	.2	NG	IC
South Oak Hospital	Commercial	South Oaks Hospital	NY	50136	CG5	.2	NG	IC
May								
Capricorn Ridge Wind LLC	IPP	Capricorn Ridge Wind LLC	TX	56763	4	112.5	WND	WT
Edison Mission Energy	IPP	OWF Five LLC	MN	56759	1	2.5	WND	WT
Edison Mission Energy	IPP	OWF Four LLC	MN	56758	1	2.5	WND	WT
Edison Mission Energy	IPP	OWF Seven LLC	MN	56761	1	2.5	WND	WT
Edison Mission Energy	IPP	OWF Six LLC	MN	56760	1	2.5	WND	WT
Edison Mission Energy	IPP	OWF Two LLC	MN	56756	1	2.5	WND	WT
Edison Mission Energy	IPP	Odin Wind Farm	MN	56755	1	2.5	WND	WT
Florida Municipal Power Agency	Elect. Utility	Treasure Coast Energy Center	FL	56400	CC1	273.5	NG	CC
Invenergy LLC	Elect. Utility	Grays Harbor Energy Facility	WA	7999	CT1	150.5	NG	CT
Invenergy LLC	Elect. Utility	Grays Harbor Energy Facility	WA	7999	CT2	150.5	NG	CT
Invenergy LLC	Elect. Utility	Grays Harbor Energy Facility	WA	7999	ST1	258.0	NG	CA
Noble Wind Operations LLC	IPP	Noble Bliss Windpark LLC	NY	56620	1	100.5	WND	WT
Noble Wind Operations LLC	IPP	Noble Clinton Windpark LLC	NY	56618	1	100.5	WND	WT
Noble Wind Operations LLC	IPP	Noble Ellenburg Windpark LLC	NY	56619	1	81.0	WND	WT
Northern States Power Co.	Elect. Utility	High Bridge	MN	1912	7	169.2	NG	CC
Northern States Power Co.	Elect. Utility	High Bridge	MN	1912	8	169.2	NG	CC
Northern States Power Co.	Elect. Utility	High Bridge	MN	1912	9	215.0	NG	CC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G01	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G02	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G03	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G04	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G05	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G06	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G07	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G08	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G09	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G10	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G11	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G12	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G13	5.6	NG	IC
Plains End Operating Services LLC	IPP	Plains End II LLC	CO	56516	2G14	5.6	NG	IC
Southern Power Co.	IPP	H Allen Franklin Combined Cycle	AL	7710	CT3A	174.7	NG	CT
Southern Power Co.	IPP	H Allen Franklin Combined Cycle	AL	7710	CT3B	174.7	NG	CT
Southern Power Co.	IPP	H Allen Franklin Combined Cycle	AL	7710	ST3	242.4	NG	CA
Unisource Energy Development Company	IPP	Black Mountain Generating Station	AZ	56482	1	40.8	NG	GT
Unisource Energy Development Company	IPP	Black Mountain Generating Station	AZ	56482	2	40.8	NG	GT
Valencia Power LLC	IPP	Valencia Energy Facility	NM	55802	CTG1	135.6	NG	GT
Westar Energy Inc.	Elect. Utility	Emporia Energy Center	KS	56502	3	34.0	NG	GT
Westar Energy Inc.	Elect. Utility	Emporia Energy Center	KS	56502	4	34.0	NG	GT
Wisconsin Electric Power Co.	Elect. Utility	Blue Sky Green Field Wind Project	WI	56391	1	145.2	WND	WT
Wisconsin Electric Power Co.	Elect. Utility	Port Washington Generating Station	WI	4040	1CT1	143.6	NG	CT

**Table ES3. New and Planned U.S. Electric Generating Units by Operating Company, Plant and Month, 2008 - 2009
(Continued)**

Year/Month/Company	Producer Type	Plant	State	Plant ID	Generating Unit ID	Net Summer Capacity (megawatts) ¹	Energy Source	Prime Mover
New Units 2008								
Wisconsin Electric Power Co	Elect. Utility	Port Washington Generating Station	WI	4040	1CT2	143.6	NG	CT
Wisconsin Electric Power Co	Elect. Utility	Port Washington Generating Station	WI	4040	ST1	231.3	NG	CA
Year-to-Date Capacity of New Units.....	--	--	--	--	--	6,587.3	--	--
Year-to-Date U.S. Capacity.....	--	--	--	--	--	1,001,475.3	--	--
Planned								
2008.								
June	--	--	--	--	--	3,658		
July	--	--	--	--	--	612		
August	--	--	--	--	--	1,194		
September.....	--	--	--	--	--	163		
October.....	--	--	--	--	--	207		
November.....	--	--	--	--	--	110		
December	--	--	--	--	--	1,656		
2009.								
January	--	--	--	--	--	1,205		
February	--	--	--	--	--	42		
March	--	--	--	--	--	774		
April	--	--	--	--	--	1,837		

¹ Net summer capacity is estimated.

Notes: • See Glossary for definitions. • Totals may not equal sum of components because of independent rounding. • Descriptions for the Energy Source and Prime Mover codes listed in the table can be obtained from the Form EIA-860 instructions at the following link: <http://www.eia.doe.gov/cneaf/electricity/forms/eia860/eia860.pdf>

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report" and Form EIA-860M, "Monthly Update to the Annual Electric Generator Report."

Table ES4. Plants Sold and Transferred in 2006, 2007 and 2008

Seller	Plant	State	EIA Plant ID	Net Summer Capacity (Megawatts)		Transaction Closing Date	Buyer
				Plant Total	Sold or Transferred		
Cincinnati Gas & Electric Co	East Bend	KY	6018	600	414	January 01, 2006	Union Light Heat & Power
Cincinnati Gas & Electric Co	Miami Fort Unit 6	OH	2832	163	163	January 01, 2006	Union Light Heat & Power
Cincinnati Gas & Electric Co	Woodsdale	OH	7158	462	462	January 01, 2006	Union Light Heat & Power
Pinnacle West Capital	Silverhawk	NV	55841	570	428	January 10, 2006	Nevada Power
Interstate Power and Light	Duane Arnold	IA	1060	597	418	January 27, 2006	FPL Energy LLC
National Energy Group	Chula Vista	CA	55538	34	34	January 31, 2006	MMC Energy
National Energy Group	Escondido	CA	55540	34	34	January 31, 2006	MMC Energy
Texas GenCo Holdings	Cedar Bayou	TX	3460	2,258	2,258	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	Deepwater	TX	3461	174	174	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	Greens Bayou	TX	3464	760	760	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	HO Clarke	TX	3465	78	78	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	Limestone	TX	298	1,602	1,602	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	PH Robinson	TX	3466	2,211	2,211	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	Sam Bertron	TX	3468	844	844	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	San Jacinto	TX	7325	162	162	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	South Texas Project	TX	6251	2,560	1,126	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	TH Wharton	TX	3469	1,254	1,254	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	WA Parish	TX	3470	3,653	3,653	February 02, 2006	NRG Energy, Inc.
Texas GenCo Holdings	Webster	TX	3471	387	387	February 02, 2006	NRG Energy, Inc.
Reliant	Astoria	NY	8906	1,290	1,290	February 24, 2006	Madison Dearborn Partners & US Power Gen
Reliant	Gowanus	NY	2494	546	546	February 24, 2006	Madison Dearborn Partners & US Power Gen
Reliant	Narrows	NY	2499	279	279	February 24, 2006	Madison Dearborn Partners & US Power Gen
NRG Energy	Audrain	MO	55234	640	640	March 29, 2006	Ameren
Central Mississippi Generating Company	Attala	MS	55220	500	500	March 31, 2006	Entergy
North American Power Group	San Joaquin Cogen	CA	50062	46	46	April 19, 2006	MDU Resources Group
Duke Energy	Arlington Valley	AZ	55282	580	580	May 05, 2006	LS Power
Duke Energy	Bridgeport Energy	CT	55042	454	304	May 05, 2006	LS Power
Duke Energy	Griffith Energy	AZ	55124	588	294	May 05, 2006	LS Power
Duke Energy	Maine Independence	ME	55068	490	490	May 05, 2006	LS Power
Duke Energy	Morro Bay	CA	259	1,036	1,036	May 05, 2006	LS Power
Duke Energy	Moss Landing	CA	260	2,080	2,080	May 05, 2006	LS Power
Duke Energy	Oakland Power Plant	CA	6211	158	158	May 05, 2006	LS Power
Duke Energy	South Bay	CA	55185	707	707	May 05, 2006	LS Power
Mirant Wichita Falls LP	Mirant Wichita Falls LP	TX	50127	77	77	May 05, 2006	Signal Hill Power LLC
Peoples Energy	Southeast Chicago Energy Project	IL	55281	304	90	May 15, 2006	Exelon
Progress Ventures	DeSoto County Plant	FL	55422	313	313	June 01, 2006	Southern Power
PPL Corporation	Griffith Energy	AZ	55124	588	294	June 30, 2006	LS Power
Sempra Energy Partners	Barney M Davis	TX	4939	697	349	July 10, 2006	Carlyle/Riverstone Global Energy and Pow
Sempra Energy Partners	J L Bates	TX	3438	182	91	July 10, 2006	Carlyle/Riverstone Global Energy and Pow
Sempra Energy Partners	La Palma	TX	3442	255	128	July 10, 2006	Carlyle/Riverstone Global Energy and Pow
Sempra Energy Partners	Laredo	TX	3439	178	89	July 10, 2006	Carlyle/Riverstone Global Energy and Pow
Sempra Energy Partners	Lon C Hill	TX	3440	559	280	July 10, 2006	Carlyle/Riverstone Global Energy and Pow
Sempra Energy Partners	Nueces Bay	TX	3441	559	280	July 10, 2006	Carlyle/Riverstone Global Energy and Pow
Sempra Energy Partners	Victoria	TX	3443	491	246	July 10, 2006	Carlyle/Riverstone Global Energy and Pow
Sempra Energy Partners; Carlyle/Riversto	Coletto Creek	TX	6178	600	600	July 10, 2006	International Power PLC
Atlantic City Electric	Conemaugh	PA	3118	1,700	65	September 01, 2006	Duquesne Light Holdings
Atlantic City Electric	Keystone	PA	3136	1,700	42	September 01, 2006	Duquesne Light Holdings
Progress Ventures	Rowan	NC	7826	978	978	September 05, 2006	Southern Power
ONEOK	Spring Creek	OK	55651	280	280	October 31, 2006	Westar
Northeast Utilities	Bulls Ridge	CT	541	8	8	November 01, 2006	Energy Capital Partners
Northeast Utilities	Cabot	MA	1629	62	62	November 01, 2006	Energy Capital Partners
Northeast Utilities	Falls Village	CT	560	10	10	November 01, 2006	Energy Capital Partners
Northeast Utilities	Mt. Tom	MA	1606	144	144	November 01, 2006	Energy Capital Partners
Northeast Utilities	Northfield Mountain	MA	547	1,080	1,080	November 01, 2006	Energy Capital Partners
Northeast Utilities	Rocky River	CT	539	29	29	November 01, 2006	Energy Capital Partners
Northeast Utilities	Scotland	CT	551	2	2	November 01, 2006	Energy Capital Partners
Northeast Utilities	Shepaug	CT	552	42	42	November 01, 2006	Energy Capital Partners
Northeast Utilities	Stevenson	CT	553	28	28	November 01, 2006	Energy Capital Partners

Table ES4. Plants Sold and Transferred in 2006, 2007 and 2008

Seller	Plant	State	EIA Plant ID	Net Summer Capacity (Megawatts)		Transaction Closing Date	Buyer
				Plant Total	Sold or Transferred		
Northeast Utilities	Taftville	CT	554	2	2	November 01, 2006	Energy Capital Partners
Northeast Utilities	Tunnel	CT	557	17	17	November 01, 2006	Energy Capital Partners
Northeast Utilities	Turners Falls	MA	6388	6	6	November 01, 2006	Energy Capital Partners
Dynegy	Rockingham Power	NC	55116	775	775	November 10, 2006	Duke Energy Carolinas
Consumers Energy	Midland Cogeneration	MI	10745	1,833	641	November 21, 2006	GSO Capital Partners and Rockland Capital Energy Investments
American Electric Power	Plaquemine	LA	55419	844	844	December 01, 2006	Dow Chemical
Constellation Energy	Big Sandy	WV	55284	300	300	December 15, 2006	Tenaska
Constellation Energy	High Desert	CA	55518	780	780	December 15, 2006	Tenaska
Constellation Energy	Holland Energy	IL	55334	449	449	December 15, 2006	Tenaska
Constellation Energy	Rio Nogales	TX	55137	705	705	December 15, 2006	Tenaska
Constellation Energy	University Park	IL	55250	300	300	December 15, 2006	Tenaska
Constellation Energy	Wolf Hills	VA	55285	250	250	December 15, 2006	Tenaska
Gamesa	Mendota Hills	IL	56160	50	50	January 03, 2007	Babcock and Brown
NRG Energy	Chowchilla II	CA	56185	47	47	January 03, 2007	Wayzata Investment Partners
NRG Energy	Red Bluff	CA	56184	45	45	January 03, 2007	Wayzata Investment Partners
Calpine Corp	Aries Power Project	MO	55178	620	620	January 16, 2007	Kelson Holdings
Peoples Energy	Elwood	IL	55199	1,350	675	January 17, 2007	J-Power
WPS Energy Services	WPS Power Niagara	NY	50202	53	53	January 31, 2007	US Renewables Group
Atlantic City Electric	BL England	NJ	2378	447	447	February 09, 2007	Rockland Capital Energy Investments
American Electric Power	Oklaunion	TX	127	690	25	February 15, 2007	Brownsville Public Utility Board
Dominion Energy	Armstrong	PA	55347	584	584	March 05, 2007	Tenaska and Warburg Pincus
Dominion Energy	Pleasants	WV	55349	392	392	March 05, 2007	Tenaska and Warburg Pincus
Dominion Energy	Troy	OH	55348	584	584	March 05, 2007	Tenaska and Warburg Pincus
Calpine Corp	Goldendale Energy Center	WA	55482	220	220	March 21, 2007	Puget Sound Energy
Consumers Energy	Palisades	MI	1715	778	778	April 11, 2007	Entergy
DPL Energy	Darby	OH	55247	452	452	April 25, 2007	Columbus Southern Power
DPL Energy	Greenville Electric Generating Station	OH	55228	176	176	April 25, 2007	Buckeye Power
Mirant	Apex	NV	55514	494	494	May 01, 2007	LS Power
Mirant	Bosque	TX	55172	548	548	May 01, 2007	LS Power
Mirant	Shady Hills	FL	55414	468	468	May 01, 2007	LS Power
Mirant	Sugar Creek	IN	55364	521	521	May 01, 2007	LS Power
Mirant	West Georgia	GA	55267	762	762	May 01, 2007	LS Power
Mirant	Zealand	MI	55087	770	770	May 01, 2007	LS Power
PSEG	Lawrenceburg Energy Center	IN	55502	1,082	1,082	May 17, 2007	AEP
Algonquin Power	EKS Landfill	MN	54939	4	4	June 30, 2007	WM Renewable Energy
FirstEnergy	Bruce Mansfield	PA	6094	2,460	830	July 13, 2007	AIG Financial Products and Union Bank of California
KeySpan	EF Barrett	NY	2511	690	690	August 24, 2007	National Grid
KeySpan	East Hampton	NY	2512	24	24	August 24, 2007	National Grid
KeySpan	Far Rockaway	NY	2513	111	111	August 24, 2007	National Grid
KeySpan	Glenwood	NY	2514	339	339	August 24, 2007	National Grid
KeySpan	Holtsville	NY	8007	524	524	August 24, 2007	National Grid
KeySpan	Landing	NY	7869	94	94	August 24, 2007	National Grid
KeySpan	Montauk	NY	2515	5	5	August 24, 2007	National Grid
KeySpan	Northport	NY	2516	1,565	1,565	August 24, 2007	National Grid
KeySpan	Port Jefferson	NY	2517	559	559	August 24, 2007	National Grid
KeySpan	Ravenswood	NY	2500	2,324	2,324	August 24, 2007	National Grid
KeySpan	Shoreham	NY	2518	64	64	August 24, 2007	National Grid
KeySpan	South Hampton	NY	2519	7	7	August 24, 2007	National Grid
KeySpan	Southold	NY	2520	12	12	August 24, 2007	National Grid
KeySpan	Wading River	NY	7146	241	241	August 24, 2007	National Grid
KeySpan	West Babylon	NY	2521	49	49	August 24, 2007	National Grid
Calpine	Acadia	LA	55173	1,063	532	September 13, 2007	Cajun Gas Energy
American Electric Power	Sweeny	TX	55015	480	240	October 01, 2007	ConocoPhillips
Wisconsin Electric Power	Point Beach	WI	4046	1,041	1,041	October 01, 2007	FPL Energy LLC
City of Klamath Falls	Klamath Cogeneration Plant	OR	55103	470	470	December 05, 2007	PPM Energy
Algonquin Power	Colton Landfill	CA	56167	1	1	December 21, 2007	Fortistar
Algonquin Power	Mid Valley Landfill	CA	56170	3	3	December 21, 2007	Fortistar
Algonquin Power	Milliken Landfill	CA	56171	2	2	December 21, 2007	Fortistar
Algonquin Power	Prima Desheha Landfill	CA	55601	5	5	December 21, 2007	Fortistar
Algonquin Power	Tajiguas Landfill	CA	55603	3	3	December 21, 2007	Fortistar
Algonquin Power Income Fund	Four Hills Nashua Landfill	NH	55006	3	3	December 21, 2007	Fortistar
Duke Energy Indiana	Wabash River	IN	1010	950	274	January 01, 2008	Wabash Valley Power Association
Tenaska	Commonwealth Chesapeake	VA	55381	312	312	February 15, 2008	Tyr Energy
Dynegy	Calcasieu	LA	55165	310	310	April 01, 2008	Entergy Gulf States
Duke Energy	Brownsville Peaking Power	TN	55081	450	450	April 11, 2008	TVA
Jersey Central Power & Light	Forked River	NJ	7138	66	66	April 17, 2008	Maxim
GE Energy Financial Services	Birchwood Power	VA	54304	238	118	May 09, 2008	J-Power
Southaven Operating Services	Southaven Power	MS	55269	759	759	May 09, 2008	TVA

Table ES4. Plants Sold and Transferred in 2006, 2007 and 2008

Seller	Plant	State	EIA Plant ID	Net Summer Capacity (Megawatts)		Transaction Closing Date	Buyer
				Plant Total	Sold or Transferred		
SCS Energy	Astoria	NY	55375	312	95	May 26, 2008	Suez Energy International
LS Power	Sugar Creek Energy	IN	55364	521	521	June 23, 2008	Northern Indiana Public Service
NiSource	Whiting Clean Energy	IN	55259	547	547	July 01, 2008	BP Alternative Energy North America
Black Hills	Arapahoe Combustion Turbine Project	CO	55200	123	123	July 28, 2008	Hastings Funds management and IIF
Black Hills	Fountain Valley	CO	55453	234	234	July 28, 2008	BH Investment
Black Hills	Harbor Cogeneration	CA	50541	102	102	July 28, 2008	Hastings Funds Management and IIF
Black Hills	Las Vegas Cogeneration	NV	10761	50	50	July 28, 2008	BH Investment
Black Hills	Las Vegas Cogeneration II	NV	55952	220	220	July 28, 2008	Hastings Funds Management and IIF
Black Hills	Valmont Combustion Turbine Project	CO	55207	80	80	July 28, 2008	BH Investment
Sumas Cogeneration	Sumas Power Plant	WA	54476	126	126	July 28, 2008	Hastings Funds management and IIF
Tenaska	Armstrong	PA	55347	584	584	July 30, 2008	International Power
Tenaska	Calumet	IL	50166	329	329	July 30, 2008	International Power
Tenaska	Pleasants	WV	55349	292	292	July 30, 2008	International Power
Tenaska	Troy	OH	55348	584	584	July 30, 2008	International Power
Dynegy	Rolling Hills	OH	55401	825	825	August 01, 2008	Tenaska
Pittsfield Generating Company	Pittsfield Generating	MA	50002	141	141	August 06, 2008	Maxim
National Grid	Ravenswood	NY	2500	2,318	2,318	August 26, 2008	TransCanada
Suez Energy North America	Chehalis Generating Facility	WA	55662	495	495	September 16, 2008	PacifiCorp
Kelson Hodings	Redbud	OK	55463	1,144	1,144	September 29, 2008	Oklahoma Gas & Electric
GE Energy Services	Fox Energy Center	WI	56031	600	300	Pending	Tyr Energy
Black Hills	Wygen I	WY	55479	70	16	Pending	Municipal Energy Agency of Nebraska
Mach Gen LLC	Covert Generating Project	MI	55297	1,058	1,058	Pending	Tenaska
Reliant	Bighorn Generating Station	NV	55687	570	570	Pending	Nevada Power

Notes: • The "Transaction Closing Date" is estimated based on press reports and Security and Exchange Commission filings. • The "Capacity Sold or Transferred" values are based on a combination of capacity data in the EIA-860 data files, press reports and Security and Exchange Commission filings, and may not exactly match transaction values shown in other sources. • A power plant may appear more than once on this list due to involvement in multiple transactions, such as the sale of different shares of the plant at different points in time. • Data are preliminary. Final data for the year are to be released in the Form EIA-860 annual databases.

Source: Press reports; filings with the Security and Exchange Commission; Energy Information Administration, Form EIA-860 "Annual Electric Generator Report" data files.

Chapter 1. Net Generation

Table 1.1. Net Generation by Energy Source: Total (All Sectors), 1994 through November 2008
(Thousand Megawatthours)

Period	Coal ¹	Petroleum Liquids ²	Petroleum Coke	Natural Gas	Other Gases ³	Nuclear	Hydroelectric Conventional	Other Renewables ⁴	Hydroelectric Pumped Storage	Other ⁵	Total
1994.....	1,690,694	98,440	7,461	460,219	13,319	640,440	260,126	76,535	-3,378	3,667	3,247,522
1995.....	1,709,426	66,944	7,610	496,058	13,870	673,402	310,833	73,965	-2,725	4,104	3,353,487
1996.....	1,795,196	73,521	7,890	455,056	14,356	674,729	347,162	75,796	-3,088	3,571	3,444,188
1997.....	1,845,016	82,773	9,782	479,399	13,351	628,644	356,453	77,183	-4,040	3,612	3,492,172
1998.....	1,873,516	116,859	11,941	531,257	13,492	673,702	323,336	77,088	-4,467	3,571	3,620,295
1999.....	1,881,087	107,276	10,785	556,396	14,126	728,254	319,536	79,423	-6,097	4,024	3,694,810
2000.....	1,966,265	102,160	9,061	601,038	13,955	753,893	275,573	80,906	-5,539	4,794	3,802,105
2001.....	1,903,956	114,647	10,233	639,129	9,039	768,826	216,961	70,769	-8,823	11,906	3,736,644
2002.....	1,933,130	78,701	15,867	691,006	11,463	780,064	264,329	79,109	-8,743	13,527	3,858,452
2003.....	1,973,737	102,734	16,672	649,908	15,600	763,733	275,806	79,487	-8,535	14,045	3,883,185
2004.....	1,978,301	100,391	20,754	710,100	15,252	788,528	268,417	83,067	-8,488	14,232	3,970,555
2005.....	2,012,873	99,840	22,385	760,960	13,464	781,986	270,321	87,329	-6,558	12,821	4,055,423
2006											
January.....	169,236	4,246	1,890	43,807	1,157	71,912	27,437	8,435	-533	1,072	328,658
February.....	158,616	3,257	1,667	47,409	1,114	62,616	24,762	7,374	-447	966	307,333
March.....	161,325	2,407	1,607	54,922	1,234	63,721	24,625	8,199	-435	1,127	318,730
April.....	141,426	3,039	1,651	56,091	1,180	57,567	28,556	7,860	-587	1,075	297,858
May.....	157,010	2,902	1,518	65,586	1,295	62,776	30,818	8,036	-444	1,119	330,616
June.....	169,693	4,060	1,706	81,060	1,167	68,391	29,757	7,782	-423	1,065	364,260
July.....	187,821	5,121	1,881	108,094	1,267	72,186	25,439	8,121	-638	1,127	410,421
August.....	189,455	6,571	1,788	106,592	1,292	72,016	21,728	7,894	-695	1,121	407,763
September.....	161,590	3,043	1,602	72,673	1,153	66,642	17,201	7,720	-629	1,058	332,055
October.....	161,390	3,354	1,538	70,640	1,185	57,509	17,055	8,295	-507	1,107	321,567
November.....	159,440	3,355	1,392	53,440	1,065	61,392	20,272	8,304	-553	1,052	309,159
December.....	173,509	3,105	1,466	56,128	1,068	70,490	21,596	8,505	-667	1,084	336,283
Total.....	1,990,511	44,460	19,706	816,441	14,177	787,219	289,246	96,525	-6,558	12,974	4,064,702
2007											
January.....	175,739	4,420	1,574	61,475	1,154	74,006	26,045	8,668	-572	1,022	353,531
February.....	163,603	7,596	1,287	57,622	981	65,225	18,567	7,877	-447	919	323,230
March.....	159,811	4,118	1,297	56,204	1,234	64,305	24,163	8,778	-458	1,018	320,471
April.....	146,250	3,830	1,250	60,153	1,163	57,301	23,891	8,693	-374	972	303,129
May.....	157,513	3,489	1,384	66,470	1,175	65,025	26,047	8,621	-547	1,026	330,203
June.....	173,513	4,213	1,564	81,511	1,154	68,923	22,817	8,549	-523	1,034	362,755
July.....	185,054	4,125	1,369	97,483	1,154	72,739	22,478	8,371	-595	1,049	393,226
August.....	190,135	5,702	1,485	121,338	1,132	72,751	19,941	8,895	-651	1,070	421,797
September.....	169,391	3,647	1,289	88,532	1,120	67,579	14,743	8,843	-743	995	355,394
October.....	162,234	3,558	1,189	78,358	1,134	61,690	14,796	9,362	-760	1,055	332,615
November.....	159,382	2,001	1,135	60,637	1,031	64,899	15,682	9,029	-662	967	314,103
December.....	173,830	2,803	1,412	66,808	1,022	71,983	18,342	9,553	-565	1,103	346,290
Total.....	2,016,456	49,505	16,234	896,590	13,453	806,425	247,510	105,238	-6,896	12,231	4,156,745
2008											
January.....	182,579	3,136	1,313	72,090	1,249	70,686	22,358	9,647	-754	962	363,268
February.....	167,000	2,427	1,200	59,902	1,126	64,936	20,234	8,679	-375	778	325,906
March.....	161,102	2,135	977	60,904	1,611	64,683	22,907	9,935	-522	976	324,706
April.....	147,249	2,166	1,082	60,870	1,460	57,281	22,106	10,178	-98	1,160	303,455
May.....	156,098	2,260	1,005	61,350	1,358	64,794	28,239	10,285	-587	895	325,697
June.....	171,287	3,789	1,193	84,075	1,323	70,268	30,803	10,357	-372	908	373,632
July.....	187,377	3,006	1,126	99,535	1,437	74,266	25,873	9,405	-799	914	402,139
August.....	181,313	2,521	1,206	98,034	1,440	72,573	20,651	8,780	-648	892	386,760
September.....	162,207	2,994	1,119	77,490	791	67,003	16,530	8,172	-513	791	336,584
October.....	152,925	1,859	1,305	72,515	771	62,793	16,436	9,754	-497	751	318,613
November.....	155,002	2,097	1,075	61,461	686	63,408	17,081	10,092	-492	736	311,146
Total.....	1,824,137	28,390	12,600	808,226	13,253	732,692	243,220	105,284	-5,657	9,763	3,771,908
Year-to-Date											
2006.....	1,817,002	41,355	18,241	760,313	13,108	716,729	267,650	88,021	-5,891	11,890	3,728,419
2007.....	1,842,626	46,702	14,822	829,782	12,431	734,442	229,168	95,685	-6,331	11,128	3,810,454
2008.....	1,824,137	28,390	12,600	808,226	13,253	732,692	243,220	105,284	-5,657	9,763	3,771,908
Rolling 12 Months Ending in November											
2007.....	2,016,135	49,806	16,288	885,910	13,499	804,932	250,764	104,189	-6,998	12,212	4,146,738
2008.....	1,997,967	31,193	14,012	875,034	14,275	804,674	261,561	114,837	-6,222	10,866	4,118,198

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁴ Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

⁵ Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed, and at plants that utilize multiple fuels, may have resulted in a reallocation of the total plant generation across those fuels. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.1.A. Net Generation by Other Renewables: Total (All Sectors), 1994 through November 2008
(Thousand Megawatt-hours)

Period	Wind	Solar Thermal and Photovoltaic	Wood and Wood-Derived Fuels ¹	Geothermal	Other Biomass ²	Total (Other Renewables)
1994.....	3,447	487	37,937	15,535	19,129	76,535
1995.....	3,164	497	36,521	13,378	20,405	73,965
1996.....	3,234	521	36,800	14,329	20,911	75,796
1997.....	3,288	511	36,948	14,726	21,709	77,183
1998.....	3,026	502	36,338	14,774	22,448	77,088
1999.....	4,488	495	37,041	14,827	22,572	79,423
2000.....	5,593	493	37,595	14,093	23,131	80,906
2001.....	6,737	543	35,200	13,741	14,548	70,769
2002.....	10,354	555	38,665	14,491	15,044	79,109
2003.....	11,187	534	37,529	14,424	15,812	79,487
2004.....	14,144	575	38,117	14,811	15,421	83,067
2005.....	17,811	550	38,856	14,692	15,420	87,329
2006						
January.....	2,383	13	3,422	1,230	1,388	8,435
February.....	1,922	20	3,051	1,111	1,270	7,374
March.....	2,359	33	3,201	1,261	1,344	8,199
April.....	2,472	52	2,980	1,129	1,227	7,860
May.....	2,459	71	3,039	1,096	1,371	8,036
June.....	2,052	70	3,134	1,199	1,328	7,782
July.....	1,955	62	3,444	1,261	1,399	8,121
August.....	1,655	83	3,478	1,289	1,389	7,894
September.....	1,879	54	3,260	1,219	1,308	7,720
October.....	2,442	32	3,213	1,275	1,332	8,295
November.....	2,540	16	3,182	1,207	1,359	8,304
December.....	2,472	3	3,358	1,290	1,382	8,505
Total.....	26,589	508	38,762	14,568	16,099	96,525
2007						
January.....	2,452	13	3,536	1,296	1,371	8,668
February.....	2,520	19	3,015	1,122	1,200	7,877
March.....	3,047	48	3,106	1,204	1,373	8,778
April.....	3,172	54	3,055	1,158	1,254	8,693
May.....	2,952	84	3,081	1,155	1,349	8,621
June.....	2,620	84	3,213	1,238	1,392	8,549
July.....	2,158	86	3,434	1,250	1,443	8,371
August.....	2,699	75	3,426	1,255	1,440	8,895
September.....	2,867	68	3,290	1,218	1,400	8,843
October.....	3,377	49	3,246	1,265	1,426	9,362
November.....	3,095	24	3,273	1,211	1,425	9,029
December.....	3,490	5	3,339	1,266	1,452	9,553
Total.....	34,450	612	39,014	14,637	16,525	105,238
2008						
January.....	3,737	15	3,337	1,187	1,371	9,647
February.....	3,275	33	3,075	1,075	1,220	8,679
March.....	4,103	75	3,165	1,218	1,374	9,935
April.....	4,487	87	2,940	1,200	1,465	10,178
May.....	4,450	96	3,013	1,254	1,472	10,285
June.....	4,349	120	3,166	1,261	1,462	10,357
July.....	3,236	105	3,349	1,281	1,434	9,405
August.....	2,599	99	3,390	1,267	1,425	8,780
September.....	2,391	86	3,167	1,225	1,303	8,172
October.....	4,164	56	3,001	1,242	1,291	9,754
November.....	4,408	26	3,157	1,206	1,296	10,092
Total.....	41,199	798	34,760	13,414	15,112	105,284
Year-to-Date						
2006.....	24,117	505	35,404	13,278	14,716	88,021
2007.....	30,960	606	35,675	13,371	15,072	95,685
2008.....	41,199	798	34,760	13,414	15,112	105,284
Rolling 12 Months Ending in November						
2007.....	33,431	609	39,033	14,661	16,455	104,189
2008.....	44,689	804	38,099	14,680	16,564	114,837

¹ Wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids), and black liquor.

² Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.2. Net Generation by Energy Source: Electric Utilities, 1994 through November 2008
(Thousand Megawatthours)

Period	Coal ¹	Petroleum Liquids ²	Petroleum Coke	Natural Gas	Other Gases ³	Nuclear	Hydroelectric Conventional	Other Renewables ⁴	Hydroelectric Pumped Storage	Other ⁵	Total
1994	1,635,493	88,897	2,142	291,115	--	640,440	247,071	8,933	-3,378	--	2,910,712
1995	1,652,914	59,036	1,809	307,306	--	673,402	296,378	6,409	-2,725	--	2,994,529
1996	1,737,453	65,695	1,651	262,730	--	674,729	331,058	7,214	-3,088	--	3,077,442
1997	1,787,806	74,372	3,381	283,625	--	628,644	341,273	7,462	-4,040	--	3,122,523
1998	1,807,480	105,440	4,718	309,222	--	673,702	308,844	7,206	-4,441	--	3,212,171
1999	1,767,679	82,981	3,948	296,381	--	725,036	299,914	3,716	-5,982	--	3,173,674
2000	1,696,619	69,653	2,527	290,715	--	705,433	253,155	2,241	-4,960	--	3,015,383
2001	1,560,146	74,729	4,179	264,434	--	534,207	197,804	1,666	-7,704	486	2,629,946
2002	1,514,670	52,838	6,286	229,639	206	507,380	242,302	3,089	-7,434	480	2,549,457
2003	1,500,281	62,774	7,156	186,967	243	458,829	249,622	3,421	-7,532	519	2,462,281
2004	1,513,641	62,196	11,498	199,662	374	475,682	245,546	3,692	-7,526	467	2,505,231
2005	1,484,855	58,572	11,150	238,204	10	436,296	245,553	4,945	-5,383	643	2,474,846
2006											
January.....	123,749	2,783	929	13,272	1	39,347	24,643	618	-428	63	204,976
February.....	116,732	2,109	910	15,432	*	34,568	22,303	547	-357	57	192,304
March.....	117,678	1,626	799	19,015	1	35,328	22,483	606	-352	64	197,249
April.....	105,266	2,278	820	20,298	*	29,859	26,239	482	-496	57	184,803
May.....	118,133	2,121	724	22,723	1	31,917	28,260	525	-351	55	204,107
June.....	126,935	3,039	866	28,935	2	36,757	27,208	458	-312	62	223,950
July.....	138,898	3,315	1,037	37,599	1	39,705	22,923	497	-509	60	243,526
August.....	140,359	4,699	922	37,283	2	39,758	19,604	497	-569	70	242,624
September.....	120,048	2,281	806	25,236	4	36,747	15,504	492	-520	57	200,655
October.....	118,583	2,466	699	24,187	4	31,856	15,252	614	-396	56	193,321
November.....	117,153	2,451	542	19,076	4	32,015	17,985	617	-449	41	189,435
December.....	127,886	2,102	580	19,032	10	37,484	19,459	635	-541	59	206,705
Total.....	1,471,421	31,269	9,634	282,088	30	425,341	261,864	6,588	-5,281	700	2,483,656
2007											
January.....	129,899	2,461	710	21,561	14	39,514	23,791	738	-452	52	218,288
February.....	120,393	3,843	687	20,303	5	34,700	17,033	670	-347	41	197,329
March.....	117,121	2,434	677	18,987	6	35,547	21,994	777	-359	45	197,229
April.....	106,773	2,779	538	20,845	12	31,069	21,526	738	-305	42	184,017
May.....	118,259	2,652	682	23,450	15	33,625	23,720	774	-443	48	202,783
June.....	128,350	3,059	745	28,567	9	36,342	21,142	696	-411	54	218,554
July.....	136,882	3,101	585	33,486	13	39,368	21,051	654	-458	45	234,728
August.....	140,456	4,316	697	42,700	11	39,005	18,714	721	-520	46	246,147
September.....	125,834	2,822	563	30,796	13	35,750	13,649	765	-593	40	209,641
October.....	119,987	2,793	526	28,247	13	31,687	13,610	821	-461	62	197,285
November.....	118,379	1,452	404	21,658	14	33,202	14,118	779	-549	42	189,498
December.....	128,652	1,612	580	23,185	15	37,745	16,385	821	-431	68	208,631
Total.....	1,490,985	33,325	7,395	313,785	141	427,555	226,734	8,953	-5,328	586	2,504,131
2008											
January.....	134,672	1,821	547	25,286	3	38,099	19,969	800	-633	55	220,619
February.....	122,361	1,494	519	20,941	2	34,459	17,993	720	-262	39	198,266
March.....	116,936	1,385	465	22,155	8	33,954	20,450	800	-415	72	195,810
April.....	109,359	1,662	410	21,003	*	31,358	19,831	832	-163	59	184,352
May.....	118,645	1,749	349	23,371	1	32,720	25,922	829	-480	43	203,149
June.....	126,962	2,671	491	30,878	1	36,983	28,789	836	-459	52	227,204
July.....	138,462	2,060	492	34,540	2	40,045	23,901	685	-474	48	239,761
August.....	134,281	1,934	556	35,129	*	38,409	18,764	663	-524	42	229,255
September.....	119,792	2,295	481	28,488	1	34,885	15,014	634	-409	39	201,218
October.....	110,694	1,427	592	26,657	*	32,630	15,102	761	-399	39	187,502
November.....	113,340	1,539	516	22,273	1	31,811	15,474	844	-390	37	185,444
Total.....	1,345,504	20,036	5,419	290,720	19	385,354	221,210	8,402	-4,609	527	2,272,582
Year-to-Date											
2006.....	1,343,535	29,167	9,054	263,056	21	387,858	242,404	5,954	-4,740	642	2,276,951
2007.....	1,362,333	31,712	6,815	290,601	126	389,810	210,349	8,132	-4,897	517	2,295,500
2008.....	1,345,504	20,036	5,419	290,720	19	385,354	221,210	8,402	-4,609	527	2,272,582
Rolling 12 Months Ending in November											
2007.....	1,490,219	33,815	7,395	309,633	136	427,294	229,808	8,767	-5,438	576	2,502,204
2008.....	1,474,156	21,648	5,999	313,904	34	423,099	237,595	9,223	-5,041	596	2,481,213

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁴ Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

⁵ Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

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

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other".

Biogenic municipal solid waste is included in "Other Renewables." • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. -

See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Other energy sources include batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.3. Net Generation by Energy Source: Independent Power Producers, 1994 through November 2008
(Thousand Megawatthours)

Period	Coal ¹	Petroleum Liquids ²	Petroleum Coke	Natural Gas	Other Gases ³	Nuclear	Hydroelectric Conventional	Other Renewables ⁴	Hydroelectric Pumped Storage	Other ⁵	Total
1994.....	30,783	3,897	3,741	94,574	1,092	--	6,934	36,753	--	239	178,013
1995.....	33,142	3,156	4,145	111,873	1,927	--	9,033	36,213	--	213	199,702
1996.....	34,520	2,851	4,586	116,028	1,341	--	10,101	37,072	--	201	206,699
1997.....	32,955	3,976	4,751	115,971	1,533	--	9,375	38,228	--	63	206,852
1998.....	42,713	6,525	5,528	140,070	2,315	--	9,023	38,937	-26	159	245,245
1999.....	90,938	19,635	4,975	176,615	1,607	3,218	14,749	44,548	-115	139	356,309
2000.....	246,492	27,929	5,083	227,263	2,028	48,460	18,183	47,162	-579	125	622,146
2001.....	322,681	35,532	4,709	290,506	586	234,619	15,945	40,593	-1,119	6,055	950,107
2002.....	395,943	22,241	8,368	378,044	1,763	272,684	18,189	44,466	-1,309	8,612	1,149,001
2003.....	452,433	35,818	7,949	380,337	2,404	304,904	21,890	46,060	-1,003	8,088	1,258,879
2004.....	443,547	33,574	7,410	427,510	3,194	312,846	19,518	48,636	-962	7,856	1,303,129
2005.....	507,199	37,096	9,664	445,625	3,767	345,690	21,486	51,708	-1,174	6,285	1,427,346
2006											
January.....	43,729	1,165	814	23,677	342	32,564	2,424	5,124	-104	542	110,278
February.....	40,283	880	625	25,861	302	28,048	2,166	4,462	-90	492	103,029
March.....	41,911	521	676	29,438	348	28,393	1,919	5,133	-83	537	108,792
April.....	34,463	552	699	29,752	343	27,708	2,122	4,910	-91	527	100,985
May.....	37,157	569	662	35,912	413	30,859	2,368	5,030	-93	539	113,415
June.....	40,972	824	699	45,249	373	31,635	2,363	4,859	-112	550	127,410
July.....	47,053	1,599	698	62,870	377	32,482	2,293	4,917	-129	576	152,736
August.....	47,218	1,634	715	61,623	410	32,258	1,942	4,716	-125	576	150,965
September.....	39,851	548	655	40,679	331	29,895	1,493	4,665	-109	517	118,525
October.....	41,091	712	719	39,345	326	25,653	1,522	5,135	-111	504	114,897
November.....	40,664	682	719	27,874	327	29,377	1,918	5,172	-104	506	107,136
December.....	43,924	711	729	30,048	330	33,006	1,861	5,222	-126	546	116,252
Total.....	498,316	10,396	8,409	452,329	4,223	361,877	24,390	59,345	-1,277	6,412	1,424,421
2007											
January.....	44,354	1,677	726	32,247	361	34,492	2,062	5,352	-119	528	121,680
February.....	41,806	3,440	457	31,323	308	30,524	1,387	4,874	-100	462	114,482
March.....	41,152	1,412	465	31,039	338	28,758	1,976	5,544	-100	518	111,102
April.....	38,026	791	565	33,281	303	26,232	2,168	5,455	-69	484	107,237
May.....	37,732	596	545	36,542	301	31,400	2,147	5,376	-104	510	115,043
June.....	43,644	964	649	46,320	321	32,581	1,549	5,344	-112	525	131,785
July.....	46,601	856	600	56,671	326	33,370	1,336	5,028	-137	536	145,186
August.....	48,060	1,198	604	70,695	329	33,746	1,151	5,524	-131	543	161,718
September.....	42,055	689	576	50,715	308	31,829	1,016	5,513	-151	522	133,072
October.....	40,709	617	510	43,074	366	30,002	1,086	5,965	-299	515	122,545
November.....	39,557	411	568	32,373	318	31,697	1,436	5,658	-113	503	112,409
December.....	43,710	995	677	36,687	322	34,238	1,795	6,120	-134	546	124,955
Total.....	507,406	13,645	6,942	500,967	3,901	378,869	19,109	65,751	-1,569	6,191	1,501,212
2008											
January.....	46,356	1,140	659	39,500	472	32,587	2,132	6,292	-121	524	129,541
February.....	43,215	788	591	32,322	398	30,477	1,948	5,588	-113	468	115,681
March.....	42,525	609	417	32,608	532	30,729	2,161	6,699	-107	589	116,762
April.....	36,321	410	537	34,007	475	25,923	2,026	6,970	65	733	107,466
May.....	35,823	419	567	31,713	505	32,074	2,081	6,982	-107	541	110,598
June.....	42,737	983	588	46,588	414	33,285	1,895	6,986	88	548	134,111
July.....	47,185	807	526	57,673	445	34,221	1,870	6,108	-325	541	149,052
August.....	45,385	473	536	55,707	439	34,163	1,790	5,507	-124	553	144,429
September.....	40,808	542	538	43,497	186	32,118	1,433	5,106	-104	499	124,624
October.....	40,715	335	593	39,302	215	30,163	1,252	6,590	-97	497	119,565
November.....	40,332	454	469	33,160	160	31,597	1,505	6,878	-103	499	114,952
Total.....	461,401	6,959	6,020	446,078	4,241	347,338	20,094	69,704	-1,047	5,993	1,366,781
Year-to-Date											
2006.....	454,392	9,685	7,681	422,280	3,893	328,871	22,529	54,123	-1,151	5,866	1,308,169
2007.....	463,696	12,650	6,265	464,280	3,579	344,632	17,314	59,631	-1,434	5,646	1,376,257
2008.....	461,401	6,959	6,020	446,078	4,241	347,338	20,094	69,704	-1,047	5,993	1,366,781
Rolling 12 Months Ending in November											
2007.....	507,620	13,361	6,994	494,328	3,910	377,637	19,175	64,853	-1,561	6,192	1,492,509
2008.....	505,111	7,955	6,697	482,765	4,563	381,576	21,889	75,824	-1,182	6,538	1,491,736

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁴ Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

⁵ Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.4. Net Generation by Energy Source: Commercial Combined Heat and Power Sector, 1994 through November 2008
(Thousand Megawatthours)

Period	Coal ¹	Petroleum Liquids ²	Petroleum Coke	Natural Gas	Other Gases ³	Nuclear	Hydroelectric Conventional	Other Renewables ⁴	Hydroelectric Pumped Storage	Other ⁵	Total
1994.....	850	413	3	4,929	115	--	93	1,216	--	--	7,619
1995.....	998	376	3	5,162	--	--	118	1,575	--	*	8,232
1996.....	1,051	366	2	5,249	*	--	126	2,235	--	*	9,030
1997.....	1,040	424	3	4,725	3	--	120	2,385	--	*	8,701
1998.....	985	380	3	4,879	7	--	120	2,373	--	--	8,748
1999.....	995	431	3	4,607	*	--	115	2,412	--	*	8,563
2000.....	1,097	429	3	4,262	*	--	100	2,012	--	*	7,903
2001.....	995	434	4	4,434	*	--	66	1,025	--	457	7,416
2002.....	992	426	6	4,310	*	--	13	1,065	--	603	7,415
2003.....	1,206	416	8	3,899	--	--	72	1,302	--	594	7,496
2004.....	1,340	493	7	3,969	--	--	105	1,575	--	781	8,270
2005.....	1,353	368	7	4,249	--	--	86	1,673	--	756	8,492
2006											
January.....	118	27	*	322	*	--	13	143	--	61	684
February.....	113	30	1	300	*	--	11	132	--	57	643
March.....	101	30	1	336	*	--	12	115	--	48	643
April.....	88	21	--	307	*	--	9	132	--	66	625
May.....	99	16	--	365	*	--	9	151	--	74	713
June.....	114	14	--	383	*	--	10	132	--	71	724
July.....	127	17	*	438	*	--	3	134	--	64	783
August.....	129	16	1	437	*	--	*	133	--	63	780
September.....	102	11	1	369	*	--	3	131	--	64	682
October.....	97	10	1	392	*	--	3	136	--	65	704
November.....	110	14	1	348	*	--	10	138	--	61	682
December.....	113	23	1	358	*	--	10	142	--	63	709
Total.....	1,310	228	7	4,355	*	--	93	1,619	--	758	8,371
2007											
January.....	120	26	1	318	--	--	11	132	--	61	669
February.....	120	43	1	309	--	--	9	110	--	47	641
March.....	115	23	1	323	--	--	11	129	--	58	659
April.....	100	15	1	319	--	--	11	129	--	64	639
May.....	108	9	--	341	--	--	12	139	--	71	680
June.....	112	11	--	374	--	--	5	137	--	67	707
July.....	116	8	--	419	--	--	2	147	--	72	763
August.....	127	12	1	434	--	--	*	137	--	63	774
September.....	113	6	1	364	--	--	1	135	--	63	684
October.....	107	6	1	374	--	--	4	143	--	71	706
November.....	115	5	1	335	--	--	5	141	--	65	667
December.....	119	16	1	347	--	--	8	135	--	61	686
Total.....	1,371	180	9	4,257	--	--	77	1,614	--	764	8,273
2008											
January.....	170	14	1	407	--	--	7	129	--	59	787
February.....	141	10	1	381	--	--	7	113	--	54	708
March.....	122	6	1	380	--	--	11	127	--	34	680
April.....	143	4	1	324	--	--	15	154	--	63	704
May.....	147	4	--	313	--	--	11	154	--	73	702
June.....	114	11	--	331	--	--	6	157	--	77	695
July.....	128	12	--	383	--	--	4	147	--	70	745
August.....	121	8	--	391	--	--	*	145	--	71	736
September.....	112	8	*	352	--	--	1	135	--	69	678
October.....	105	6	1	349	--	--	2	116	--	55	635
November.....	102	9	1	327	--	--	3	127	--	58	626
Total.....	1,406	91	5	3,939	--	--	66	1,505	--	683	7,696
Year-to-Date											
2006.....	1,197	205	6	3,997	*	--	84	1,478	--	695	7,661
2007.....	1,253	164	8	3,911	--	--	70	1,479	--	703	7,588
2008.....	1,406	91	5	3,939	--	--	66	1,505	--	683	7,696
Rolling 12 Months Ending in November											
2007.....	1,366	187	9	4,269	*	--	80	1,620	--	766	8,297
2008.....	1,525	107	6	4,286	--	--	74	1,640	--	744	8,381

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁴ Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

⁵ Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

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

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.5. Net Generation by Energy Source: Industrial Combined Heat and Power Sector, 1994 through November 2008
(Thousand Megawatthours)

Period	Coal ¹	Petroleum Liquids ²	Petroleum Coke	Natural Gas	Other Gases ³	Nuclear	Hydroelectric Conventional	Other Renewables ⁴	Hydroelectric Pumped Storage	Other ⁵	Total
1994.....	23,568	5,232	1,575	69,600	12,112	--	6,028	29,633	--	3,428	151,178
1995.....	22,372	4,376	1,654	71,717	11,943	--	5,304	29,768	--	3,890	151,025
1996.....	22,172	4,608	1,652	71,049	13,015	--	5,878	29,274	--	3,370	151,017
1997.....	23,214	4,001	1,648	75,078	11,814	--	5,685	29,107	--	3,549	154,097
1998.....	22,337	4,514	1,692	77,085	11,170	--	5,349	28,572	--	3,412	154,132
1999.....	21,474	4,229	1,860	78,793	12,519	--	4,758	28,747	--	3,885	156,264
2000.....	22,056	4,149	1,448	78,798	11,927	--	4,135	29,491	--	4,669	156,673
2001.....	20,135	3,952	1,341	79,755	8,454	--	3,145	27,485	--	4,908	149,175
2002.....	21,525	3,196	1,207	79,013	9,493	--	3,825	30,489	--	3,832	152,580
2003.....	19,817	3,726	1,559	78,705	12,953	--	4,222	28,704	--	4,843	154,530
2004.....	19,773	4,128	1,839	78,959	11,684	--	3,248	29,164	--	5,129	153,925
2005.....	19,466	3,804	1,564	72,882	9,687	--	3,195	29,003	--	5,137	144,739
2006											
January.....	1,639	272	148	6,536	814	--	357	2,550	--	405	12,720
February.....	1,488	237	131	5,815	811	--	281	2,233	--	360	11,357
March.....	1,635	230	130	6,133	885	--	210	2,345	--	477	12,046
April.....	1,608	188	132	5,734	836	--	185	2,336	--	425	11,445
May.....	1,621	197	133	6,586	881	--	182	2,329	--	452	12,380
June.....	1,673	184	141	6,493	793	--	177	2,334	--	382	12,176
July.....	1,743	190	146	7,187	889	--	220	2,574	--	426	13,375
August.....	1,749	223	150	7,249	880	--	182	2,548	--	413	13,394
September.....	1,589	203	140	6,388	818	--	202	2,432	--	420	12,193
October.....	1,619	167	119	6,716	855	--	279	2,408	--	483	12,645
November.....	1,512	208	130	6,142	734	--	358	2,377	--	444	11,906
December.....	1,586	268	156	6,690	728	--	266	2,506	--	417	12,617
Total.....	19,464	2,567	1,656	77,669	9,923	--	2,899	28,972	--	5,103	148,254
2007											
January.....	1,367	256	137	7,348	779	--	180	2,446	--	380	12,894
February.....	1,283	270	142	5,686	669	--	138	2,223	--	368	10,779
March.....	1,423	250	154	5,855	889	--	183	2,329	--	397	11,481
April.....	1,350	245	146	5,708	848	--	185	2,372	--	382	11,236
May.....	1,414	233	157	6,137	859	--	168	2,333	--	397	11,697
June.....	1,407	179	170	6,249	823	--	121	2,372	--	388	11,709
July.....	1,455	161	184	6,907	815	--	89	2,543	--	397	12,550
August.....	1,492	175	183	7,510	791	--	76	2,513	--	418	13,157
September.....	1,389	130	148	6,657	798	--	76	2,429	--	370	11,997
October.....	1,431	143	151	6,663	755	--	97	2,433	--	408	12,080
November.....	1,332	133	162	6,270	699	--	123	2,451	--	357	11,528
December.....	1,350	180	155	6,590	686	--	154	2,476	--	429	12,018
Total.....	16,694	2,355	1,889	77,580	9,411	--	1,590	28,919	--	4,690	143,128
2008											
January.....	1,380	161	107	6,898	775	--	251	2,425	--	324	12,321
February.....	1,284	135	90	6,257	726	--	285	2,258	--	216	11,251
March.....	1,518	135	94	5,760	1,071	--	285	2,309	--	281	11,455
April.....	1,426	91	134	5,535	985	--	234	2,223	--	305	10,933
May.....	1,483	87	89	5,954	851	--	226	2,320	--	238	11,247
June.....	1,474	124	113	6,279	909	--	113	2,378	--	231	11,622
July.....	1,602	127	108	6,938	991	--	97	2,465	--	255	12,582
August.....	1,525	106	113	6,808	1,000	--	97	2,465	--	225	12,340
September.....	1,494	150	101	5,153	604	--	82	2,297	--	184	10,064
October.....	1,411	91	118	6,207	556	--	79	2,288	--	160	10,911
November.....	1,227	96	89	5,701	525	--	100	2,244	--	142	10,124
Total.....	15,826	1,304	1,156	67,490	8,992	--	1,850	25,673	--	2,560	124,850
Year-to-Date											
2006.....	17,878	2,299	1,500	70,979	9,195	--	2,633	26,466	--	4,687	135,637
2007.....	15,344	2,175	1,734	70,991	8,726	--	1,436	26,443	--	4,262	131,110
2008.....	15,826	1,304	1,156	67,490	8,992	--	1,850	25,673	--	2,560	124,850
Rolling 12 Months Ending in November											
2007.....	16,930	2,443	1,890	77,681	9,454	--	1,702	28,949	--	4,678	143,727
2008.....	17,176	1,483	1,311	74,079	9,678	--	2,004	28,149	--	2,988	136,868

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁴ Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

⁵ Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.6.A. Net Generation by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	10,143	10,378	-2.3	490	533	9,173	9,308	56	59	424	479
Connecticut	1,909	2,427	-21.4	NM	5	1,883	2,408	NM	3	NM	12
Maine	1,405	1,223	14.9	NM	*	1,015	770	15	15	375	438
Massachusetts	3,865	3,754	3.0	NM	23	3,772	3,674	33	38	NM	20
New Hampshire	2,065	1,930	7.0	388	431	1,667	1,490	NM	*	NM	9
Rhode Island	468	477	-1.9	NM	*	464	474	NM	3	--	*
Vermont	430	567	-24.1	57	74	NM	493	--	--	NM	*
Middle Atlantic	33,895	32,590	4.0	3,228	2,865	30,212	29,289	93	97	361	339
New Jersey	4,375	4,705	-7.0	NM	-18	4,322	4,663	NM	6	NM	55
New York	11,587	10,256	13.0	3,192	2,807	8,247	7,295	53	59	94	95
Pennsylvania	17,933	17,629	1.7	NM	76	17,643	17,331	32	32	215	189
East North Central	52,309	52,264	.1	28,330	28,890	23,089	22,375	104	110	786	890
Illinois	16,157	15,470	4.4	238	840	15,676	14,361	39	35	NM	234
Indiana	9,995	9,813	1.9	8,987	8,737	773	803	16	15	NM	258
Michigan	8,642	9,155	-5.6	7,317	7,511	1,185	1,473	40	48	100	123
Ohio	12,519	12,928	-3.2	8,202	8,469	4,238	4,393	--	--	78	67
Wisconsin	4,996	4,897	2.0	3,586	3,333	1,217	1,346	NM	11	NM	208
West North Central	24,803	25,339	-2.1	23,052	23,757	1,471	1,247	38	43	242	292
Iowa	4,421	4,178	5.8	3,665	3,465	645	579	23	21	89	113
Kansas	3,923	4,147	-5.4	3,789	4,070	134	78	NM	--	NM	*
Minnesota	4,209	4,448	-5.4	3,582	3,854	502	443	NM	7	119	144
Missouri	6,420	7,205	-10.9	6,343	7,101	55	76	8	14	NM	14
Nebraska	2,514	2,739	-8.2	2,509	2,735	NM	*	NM	1	NM	2
North Dakota	2,866	2,430	17.9	2,727	2,352	124	60	--	*	NM	18
South Dakota	449	192	134.4	439	179	11	13	--	--	--	--
South Atlantic	58,441	61,462	-4.9	48,436	51,439	8,713	8,373	51	53	1,241	1,596
Delaware	620	678	-8.6	NM	2	595	598	--	--	23	78
District of Columbia	--	-1	--	--	--	--	-1	--	--	--	--
Florida	15,434	15,782	-2.2	13,982	13,961	1,228	1,400	NM	5	217	416
Georgia	10,245	10,931	-6.3	9,421	10,368	427	139	NM	*	396	424
Maryland	3,478	3,901	-10.8	NM	*	3,429	3,847	NM	2	45	52
North Carolina	9,367	10,266	-8.8	8,869	9,835	344	247	3	9	NM	174
South Carolina	7,419	7,439	-.3	7,190	7,245	84	20	NM	6	139	168
Virginia	5,434	5,359	1.4	4,689	4,486	503	625	NM	31	212	217
West Virginia	6,445	7,106	-9.3	4,284	5,542	2,104	1,498	--	--	58	67
East South Central	29,057	27,911	4.1	25,232	25,029	3,130	2,106	NM	8	686	768
Alabama	10,644	10,329	3.1	9,012	9,266	1,296	680	--	--	337	383
Kentucky	8,209	7,410	10.8	7,202	6,466	973	904	--	--	34	40
Mississippi	3,330	2,919	14.1	2,334	2,261	855	514	NM	1	NM	144
Tennessee	6,874	7,254	-5.2	6,685	7,036	NM	7	NM	8	175	202
West South Central	44,336	45,429	-2.4	17,443	17,557	22,076	22,448	NM	43	4,774	5,382
Arkansas	4,206	3,764	11.7	3,570	3,236	480	364	NM	*	155	164
Louisiana	7,021	6,781	3.5	3,355	3,336	1,620	1,182	NM	3	2,043	2,259
Oklahoma	5,407	4,628	16.8	4,059	3,732	1,273	813	NM	2	NM	81
Texas	27,702	30,256	-8.4	6,460	7,252	18,702	20,089	NM	37	2,502	2,878
Mountain	28,863	28,282	2.1	22,609	22,197	6,038	5,857	NM	15	205	214
Arizona	8,233	8,524	-3.4	6,790	6,566	1,411	1,916	NM	5	NM	37
Colorado	4,159	4,444	-6.4	3,206	3,384	950	1,053	1	2	NM	5
Idaho	666	616	8.2	NM	353	155	207	--	--	45	56
Montana	2,349	2,211	6.3	NM	344	1,909	1,856	--	--	NM	10
Nevada	2,737	2,100	30.3	1,701	1,612	1,011	464	--	--	NM	24
New Mexico	3,186	2,807	13.5	2,858	2,646	323	156	NM	4	NM	1
Utah	3,814	3,635	4.9	3,725	3,572	NM	55	NM	4	NM	4
Wyoming	3,719	3,946	-5.7	3,431	3,718	NM	151	--	--	71	77
Pacific Contiguous	27,907	28,965	-3.7	15,640	16,148	10,707	11,093	174	187	1,386	1,538
California	15,860	16,580	-4.3	6,208	6,562	8,262	8,485	170	180	1,221	1,354
Oregon	4,549	4,580	-.7	3,458	3,401	978	1,055	NM	3	112	121
Washington	7,497	7,804	-3.9	5,974	6,185	1,467	1,553	NM	4	53	63
Pacific Noncontiguous ..	1,393	1,482	-6.0	983	1,085	343	314	46	53	NM	31
Alaska	537	583	-8.0	495	523	NM	26	19	22	NM	13
Hawaii	857	899	-4.7	488	562	328	287	27	31	NM	19
U.S. Total	311,146	314,103	-9.9	185,444	189,498	114,952	112,409	626	667	10,124	11,528

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.6.B. Net Generation by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	114,924	121,109	-5.1	5,215	5,519	104,023	109,717	739	725	4,946	5,148
Connecticut	27,794	30,329	-8.4	NM	31	27,469	30,100	NM	40	NM	157
Maine	14,582	14,571	.1	NM	1	10,106	9,784	169	162	4,307	4,624
Massachusetts	39,076	43,293	-9.7	NM	439	37,771	42,148	473	456	NM	251
New Hampshire	20,808	21,306	-2.3	3,901	4,405	16,761	16,765	NM	22	NM	115
Rhode Island	6,649	6,362	4.5	NM	10	6,593	6,306	NM	45	*	1
Vermont	6,015	5,248	14.6	NM	633	NM	4,614	--	--	NM	1
Middle Atlantic	392,193	397,715	-1.4	36,775	37,828	349,868	354,378	1,073	1,036	4,477	4,473
New Jersey	58,728	57,102	2.8	NM	-180	57,636	56,581	NM	74	NM	627
New York	128,980	133,928	-3.7	35,395	37,084	91,897	95,098	612	603	1,077	1,143
Pennsylvania	204,486	206,686	-1.1	NM	924	200,335	202,699	362	359	2,739	2,704
East North Central	603,453	611,899	-1.4	328,507	336,746	263,897	263,585	1,230	1,390	9,819	10,179
Illinois	180,966	183,030	-1.1	3,587	9,204	174,575	170,679	430	495	NM	2,653
Indiana	118,331	119,590	-1.1	105,776	106,868	9,207	9,529	190	199	NM	2,995
Michigan	105,649	109,024	-3.1	86,935	88,485	17,065	18,546	499	583	1,150	1,410
Ohio	140,355	142,349	-1.4	90,269	91,752	49,135	49,771	--	--	952	826
Wisconsin	58,152	57,906	.4	41,940	40,437	13,916	15,060	NM	113	NM	2,296
West North Central	287,724	287,244	.2	270,042	271,575	14,214	12,087	529	517	2,940	3,063
Iowa	47,905	45,294	5.8	40,472	38,566	6,149	5,307	267	234	1,018	1,187
Kansas	42,540	45,755	-7.0	41,370	44,953	1,147	794	NM	--	NM	8
Minnesota	48,335	49,393	-2.1	42,208	43,343	4,537	4,452	NM	88	1,495	1,511
Missouri	84,099	83,286	1.0	82,423	82,100	1,354	853	156	180	NM	154
Nebraska	29,766	29,413	1.2	29,703	29,377	NM	4	NM	16	NM	16
North Dakota	28,926	28,318	2.1	27,814	27,589	921	541	--	*	NM	188
South Dakota	NM	5,783	--	NM	5,647	101	136	--	--	--	--
South Atlantic	738,709	767,891	-3.8	614,394	634,706	107,592	114,860	609	597	16,114	17,728
Delaware	6,920	7,808	-11.4	NM	45	6,205	6,762	--	--	697	1,001
District of Columbia	72	76	-4.6	--	--	72	76	--	--	--	--
Florida	202,516	208,694	-3.0	182,231	185,768	16,922	18,415	NM	76	3,271	4,435
Georgia	126,662	133,362	-5.0	116,671	121,795	5,320	6,825	NM	4	4,670	4,738
Maryland	42,908	45,771	-6.3	NM	22	42,374	45,167	NM	26	480	556
North Carolina	115,168	119,481	-3.6	108,489	113,090	4,741	4,402	80	65	NM	1,924
South Carolina	93,751	94,791	-1.1	90,787	91,574	NM	1,363	NM	63	1,714	1,790
Virginia	66,744	71,979	-7.3	54,702	59,103	9,214	10,247	NM	363	2,510	2,266
West Virginia	83,968	85,928	-2.3	61,487	63,309	21,564	21,603	--	--	916	1,017
East South Central	351,032	354,614	-1.0	307,812	308,486	34,686	37,313	NM	123	8,425	8,693
Alabama	133,470	131,959	1.1	116,736	113,665	12,522	14,043	--	--	4,212	4,251
Kentucky	89,628	89,021	.7	78,664	78,122	10,492	10,374	--	--	472	525
Mississippi	44,592	46,408	-3.9	31,312	31,889	11,607	12,781	NM	11	NM	1,727
Tennessee	83,342	87,225	-4.5	81,100	84,810	NM	114	NM	111	2,075	2,190
West South Central	577,336	575,556	.3	221,590	220,116	296,363	293,690	NM	508	58,833	61,242
Arkansas	50,818	49,957	1.7	42,147	41,260	6,891	6,953	NM	2	1,776	1,743
Louisiana	83,910	85,122	-1.4	39,304	39,860	21,076	20,486	NM	39	23,498	24,736
Oklahoma	70,157	67,145	4.5	52,487	49,724	16,606	16,586	NM	24	NM	811
Texas	372,450	373,332	-2	87,653	89,272	251,790	249,665	NM	443	32,525	33,952
Mountain	341,593	336,515	1.5	268,971	264,814	69,152	68,222	NM	187	3,299	3,292
Arizona	107,962	103,995	3.8	86,280	81,559	21,241	22,012	NM	65	NM	359
Colorado	47,985	49,134	-2.3	37,442	38,625	10,477	10,422	39	27	NM	59
Idaho	11,229	10,738	4.6	NM	8,136	2,289	2,058	--	--	467	544
Montana	26,621	26,351	1.0	NM	5,776	20,226	20,465	--	--	NM	109
Nevada	30,858	30,304	1.8	20,358	20,646	10,172	9,275	--	--	NM	383
New Mexico	32,520	33,155	-1.9	30,319	31,410	NM	1,676	NM	54	NM	16
Utah	42,686	41,335	3.3	40,771	39,389	NM	1,008	NM	41	1,112	898
Wyoming	41,732	41,503	.6	39,025	39,272	NM	1,307	--	--	850	924
Pacific Contiguous	348,836	341,180	2.2	207,896	203,791	123,300	118,459	1,962	2,017	15,678	16,913
California	197,163	193,740	1.8	85,826	81,465	95,610	95,292	1,902	1,955	13,825	15,029
Oregon	52,741	49,622	6.3	40,140	39,167	11,352	9,160	NM	16	1,245	1,280
Washington	98,932	97,818	1.1	81,930	83,158	16,338	14,008	NM	47	608	605
Pacific Noncontiguous ..	16,107	16,730	-3.7	11,381	11,919	3,686	3,947	721	488	NM	377
Alaska	6,080	6,161	-1.3	5,352	5,553	NM	261	421	214	NM	133
Hawaii	10,027	10,569	-5.1	6,029	6,366	3,511	3,685	300	274	NM	244
U.S. Total	3,771,908	3,810,454	-1.0	2,272,582	2,295,500	1,366,781	1,376,257	7,696	7,588	124,850	131,110

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.7.A. Net Generation from Coal by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	1,794	1,337	34.3	312	368	1,471	946	--	--	NM	23
Connecticut	396	134	195.3	--	--	396	134	--	--	--	--
Maine	9	29	-69.8	--	--	2	10	--	--	7	20
Massachusetts	1,078	806	33.8	--	--	1,073	803	--	--	NM	3
New Hampshire	312	368	-15.0	312	368	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	11,396	12,197	-6.6	NM	120	11,257	11,959	NM	4	113	114
New Jersey	508	791	-35.8	NM	1	498	790	--	--	--	--
New York	1,591	1,686	-5.6	NM	119	1,541	1,520	1	3	35	44
Pennsylvania	9,297	9,719	-4.3	--	--	9,218	9,648	NM	*	78	71
East North Central	37,116	36,836	.8	26,216	26,646	10,505	9,751	49	51	346	388
Illinois	7,809	7,278	7.3	222	783	7,396	6,280	6	9	185	205
Indiana	9,507	9,341	1.8	8,894	8,639	596	687	12	11	NM	4
Michigan	5,752	5,944	-3.2	5,648	5,834	NM	41	27	26	34	43
Ohio	10,618	11,150	-4.8	8,130	8,381	2,454	2,739	--	--	NM	31
Wisconsin	3,429	3,123	9.8	3,322	3,009	NM	3	NM	5	88	105
West North Central	18,032	18,616	-3.1	17,810	18,361	NM	4	26	30	192	221
Iowa	3,378	3,154	7.1	3,272	3,024	--	--	18	17	88	113
Kansas	2,675	3,110	-14.0	2,675	3,110	--	--	--	--	--	--
Minnesota	2,370	2,341	1.3	2,290	2,256	NM	4	--	--	NM	82
Missouri	5,206	5,961	-12.7	5,184	5,934	--	--	8	14	NM	14
Nebraska	1,462	1,761	-16.9	1,458	1,759	--	--	--	--	NM	2
North Dakota	2,643	2,277	16.1	2,633	2,266	--	--	--	--	NM	11
South Dakota	298	12	NM	298	12	--	--	--	--	--	--
South Atlantic	30,365	34,489	-12.0	24,870	29,075	5,218	5,100	3	8	273	306
Delaware	509	543	-6.2	--	--	501	535	--	--	NM	8
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	4,666	5,208	-10.4	4,330	4,875	318	307	--	--	NM	26
Georgia	5,864	6,939	-15.5	5,796	6,871	--	--	--	--	68	68
Maryland	1,891	2,333	-18.9	--	--	1,870	2,309	--	--	21	24
North Carolina	5,782	6,262	-7.7	5,563	6,032	NM	188	3	8	NM	35
South Carolina	3,049	3,540	-13.9	3,028	3,514	NM	--	--	--	21	27
Virginia	2,325	2,717	-14.4	1,920	2,296	331	345	NM	--	74	76
West Virginia	6,278	6,947	-9.6	4,233	5,488	2,006	1,416	--	--	39	43
East South Central	18,735	18,615	.6	17,691	17,702	886	783	NM	1	156	130
Alabama	5,639	5,546	1.7	5,606	5,513	16	15	--	--	NM	18
Kentucky	7,871	6,978	12.8	7,102	6,308	769	671	--	--	--	--
Mississippi	880	1,081	-18.6	778	984	102	97	--	--	NM	--
Tennessee	4,345	5,010	-13.3	4,205	4,897	--	--	NM	1	138	112
West South Central	18,222	18,280	-.3	10,245	9,984	7,931	8,247	--	--	NM	48
Arkansas	2,453	1,752	40.0	2,445	1,745	--	--	--	--	NM	7
Louisiana	1,804	1,867	-3.4	721	1,083	1,083	781	--	--	NM	3
Oklahoma	2,920	2,528	15.5	2,705	2,267	178	222	--	--	NM	38
Texas	11,044	12,133	-9.0	4,374	4,889	6,670	7,244	--	--	--	--
Mountain	17,687	17,459	1.3	15,749	15,686	1,886	1,711	--	--	NM	62
Arizona	3,477	3,447	.9	3,450	3,410	--	--	--	--	NM	36
Colorado	2,729	2,951	-7.5	2,712	2,935	NM	16	--	--	--	--
Idaho	NM	8	--	--	--	--	--	--	--	NM	8
Montana	1,619	1,623	-.2	NM	27	1,590	1,596	--	--	--	--
Nevada	738	634	16.3	601	634	137	--	--	--	--	--
New Mexico	2,473	2,179	13.5	2,473	2,179	--	--	--	--	--	--
Utah	3,146	2,856	10.2	3,114	2,818	NM	38	--	--	--	--
Wyoming	3,499	3,760	-7.0	3,370	3,682	NM	61	--	--	NM	17
Pacific Contiguous	1,464	1,406	4.2	404	421	1,021	945	--	--	39	40
California	184	178	3.3	--	--	148	142	--	--	36	36
Oregon	404	421	-4.0	404	421	--	--	--	--	--	--
Washington	876	807	8.6	--	--	873	803	--	--	3	4
Pacific Noncontiguous ..	191	148	28.6	18	17	154	110	19	21	--	--
Alaska	52	57	-8.6	18	17	NM	19	19	21	--	--
Hawaii	139	91	52.1	--	--	139	91	--	--	--	--
U.S. Total	155,002	159,382	-2.7	113,340	118,379	40,332	39,557	102	115	1,227	1,332

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.7.B. Net Generation from Coal by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	17,073	18,457	-7.5	3,089	3,547	13,758	14,660	--	--	NM	250
Connecticut	4,082	3,445	18.5	--	--	4,082	3,445	--	--	--	--
Maine	328	337	-2.8	--	--	152	131	--	--	176	206
Massachusetts	9,574	11,128	-14.0	--	--	9,524	11,085	--	--	NM	43
New Hampshire	3,089	3,547	-12.9	3,089	3,547	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	136,385	141,123	-3.4	NM	1,276	133,700	138,269	NM	22	1,544	1,555
New Jersey	8,514	9,218	-7.6	NM	44	7,981	9,174	--	--	--	--
New York	18,624	19,566	-4.8	NM	1,232	17,585	17,825	19	18	440	490
Pennsylvania	109,247	112,339	-2.8	--	--	108,134	111,270	NM	4	NM	1,065
East North Central	421,339	422,818	-.3	296,346	302,757	120,572	115,387	483	573	3,938	4,101
Illinois	88,169	86,980	1.4	3,135	8,421	82,935	76,332	38	95	2,061	2,132
Indiana	111,411	112,350	-8	104,347	105,219	6,868	6,931	145	152	NM	48
Michigan	63,600	64,973	-2.1	62,474	63,697	NM	490	257	281	412	505
Ohio	119,709	122,015	-1.9	89,104	90,116	30,197	31,583	--	--	NM	317
Wisconsin	38,450	36,500	5.3	37,286	35,304	NM	52	NM	44	1,006	1,100
West North Central	215,391	212,074	1.6	212,769	209,359	NM	26	372	362	2,220	2,327
Iowa	37,548	34,627	8.4	36,317	33,247	--	--	222	194	1,010	1,187
Kansas	31,037	32,999	-5.9	31,037	32,999	--	--	--	--	--	--
Minnesota	29,362	29,217	.5	28,434	28,319	NM	26	--	--	NM	871
Missouri	67,803	68,533	-1.1	67,498	68,222	--	--	151	167	NM	144
Nebraska	19,573	17,639	11.0	19,526	17,623	--	--	--	--	NM	16
North Dakota	26,730	26,462	1.0	26,619	26,352	--	--	--	--	NM	109
South Dakota	3,339	2,597	28.6	3,339	2,597	--	--	--	--	--	--
South Atlantic	389,142	404,979	-3.9	323,559	337,072	61,979	64,638	72	50	3,533	3,218
Delaware	4,828	5,086	-5.1	--	--	4,733	4,999	--	--	NM	87
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	59,891	61,933	-3.3	55,320	57,174	4,314	4,516	--	--	NM	243
Georgia	79,041	82,968	-4.7	78,183	82,268	--	--	--	--	858	700
Maryland	24,747	27,061	-8.6	--	--	24,530	26,806	--	--	216	255
North Carolina	70,429	73,608	-4.3	67,141	70,533	NM	2,642	72	50	NM	383
South Carolina	38,907	37,783	3.0	38,568	37,494	NM	--	--	--	339	290
Virginia	29,110	32,464	-10.3	23,444	26,961	4,703	4,764	NM	--	963	739
West Virginia	82,189	84,074	-2.2	60,902	62,642	20,806	20,911	--	--	480	521
East South Central	221,185	225,900	-2.1	209,008	213,686	10,414	10,736	NM	41	1,730	1,437
Alabama	68,602	71,749	-4.4	68,228	71,370	156	176	--	--	NM	204
Kentucky	83,769	82,835	1.1	75,936	74,971	7,833	7,864	--	--	--	--
Mississippi	15,417	16,037	-3.9	12,983	13,338	2,425	2,696	--	--	NM	3
Tennessee	53,397	55,279	-3.4	51,861	54,007	--	--	NM	41	1,503	1,230
West South Central	214,217	209,352	2.3	122,054	117,405	91,447	91,416	--	--	NM	531
Arkansas	23,636	23,166	2.0	23,527	23,075	--	--	--	--	NM	92
Louisiana	21,679	20,827	4.1	10,164	9,507	11,493	11,276	--	--	NM	44
Oklahoma	34,034	31,384	8.4	31,435	28,822	2,013	2,167	--	--	NM	395
Texas	134,868	133,975	.7	56,928	56,002	77,940	77,973	--	--	--	--
Mountain	193,624	192,258	.7	173,738	173,116	18,387	17,665	--	--	NM	1,477
Arizona	39,803	37,635	5.8	39,441	37,291	--	--	--	--	NM	344
Colorado	31,751	32,753	-3.1	31,564	32,555	NM	198	--	--	--	--
Idaho	NM	76	--	--	--	--	--	--	--	NM	76
Montana	16,770	16,739	.2	NM	282	16,423	16,457	--	--	--	--
Nevada	6,471	6,450	.3	6,185	6,450	285	--	--	--	--	--
New Mexico	24,461	25,496	-4.1	24,461	25,496	--	--	--	--	--	--
Utah	34,850	33,890	2.8	33,635	32,669	NM	365	--	--	844	856
Wyoming	39,440	39,220	.6	38,105	38,374	NM	645	--	--	NM	201
Pacific Contiguous	13,486	13,652	-1.2	3,627	3,920	9,438	9,283	--	--	421	449
California	2,065	2,098	-1.6	--	--	1,679	1,683	--	--	386	415
Oregon	3,627	3,920	-7.5	3,627	3,920	--	--	--	--	--	--
Washington	7,794	7,634	2.1	--	--	7,759	7,600	--	--	35	34
Pacific Noncontiguous ..	NM	2,014	--	202	195	NM	1,614	417	205	--	--
Alaska	794	581	36.7	202	195	NM	181	417	205	--	--
Hawaii	NM	1,433	--	--	--	NM	1,433	--	--	--	--
U.S. Total	1,824,137	1,842,626	-1.0	1,345,504	1,362,333	461,401	463,696	1,406	1,253	15,826	15,344

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.8.A. Net Generation from Petroleum Liquids by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	195	183	6.1	NM	2	164	154	NM	1	NM	27
Connecticut.....	NM	13	--	*	*	NM	13	NM	*	NM	1
Maine.....	32	28	12.6	NM	*	16	3	NM	*	NM	25
Massachusetts.....	141	141	.5	2	1	132	138	NM	1	NM	1
New Hampshire.....	NM	*	--	*	*	NM	*	NM	*	NM	*
Rhode Island.....	NM	*	--	NM	*	NM	--	NM	*	--	*
Vermont.....	NM	*	--	NM	*	--	--	--	--	--	--
Middle Atlantic	374	152	146.3	279	86	79	50	NM	3	NM	13
New Jersey.....	14	9	57.8	NM	*	13	9	NM	*	NM	*
New York.....	NM	113	--	NM	86	NM	13	NM	3	9	12
Pennsylvania.....	38	30	27.7	NM	--	33	28	NM	*	NM	1
East North Central	67	67	.5	47	49	15	13	NM	*	NM	5
Illinois.....	13	15	-13.6	NM	7	12	7	NM	*	NM	*
Indiana.....	15	13	13.0	14	12	NM	*	NM	*	NM	1
Michigan.....	NM	10	--	NM	8	NM	*	*	*	NM	2
Ohio.....	21	22	-4.4	17	16	NM	5	--	--	NM	*
Wisconsin.....	NM	7	--	NM	6	NM	*	NM	--	NM	1
West North Central	19	46	-58.2	16	45	3	*	NM	*	NM	*
Iowa.....	NM	9	--	NM	9	NM	*	*	*	NM	*
Kansas.....	NM	5	--	NM	5	--	--	NM	--	--	--
Minnesota.....	8	15	-46.6	5	15	3	*	NM	*	NM	*
Missouri.....	1	5	-78.1	1	5	--	--	--	*	--	*
Nebraska.....	NM	3	--	NM	3	--	--	--	*	--	--
North Dakota.....	NM	4	--	NM	4	--	--	--	*	NM	*
South Dakota.....	NM	5	--	NM	5	--	*	--	--	--	--
South Atlantic	661	652	1.4	591	570	36	21	NM	*	34	60
Delaware.....	NM	8	--	--	*	NM	3	--	--	NM	5
District of Columbia.....	--	-1	--	--	--	--	-1	--	--	--	--
Florida.....	357	545	-34.5	346	529	NM	*	NM	--	NM	16
Georgia.....	22	17	27.6	8	7	NM	*	NM	*	13	10
Maryland.....	15	17	-8.1	NM	*	13	16	NM	*	NM	--
North Carolina.....	36	28	30.5	29	9	NM	*	NM	*	NM	18
South Carolina.....	NM	11	--	NM	7	NM	--	NM	*	1	4
Virginia.....	213	16	NM	194	7	15	3	--	*	4	7
West Virginia.....	8	11	-24.2	8	11	--	--	--	--	--	--
East South Central.....	22	34	-35.4	17	23	NM	4	--	--	NM	7
Alabama.....	11	8	37.4	7	3	NM	*	--	--	NM	5
Kentucky.....	NM	14	--	8	10	NM	4	--	--	--	--
Mississippi.....	NM	1	--	NM	1	--	--	--	--	NM	*
Tennessee.....	1	11	-91.0	1	9	--	--	--	--	NM	2
West South Central	26	27	-2.1	16	17	4	7	NM	*	NM	3
Arkansas.....	8	7	27.1	8	6	--	--	--	--	1	1
Louisiana.....	7	5	34.1	4	*	2	4	--	--	NM	1
Oklahoma.....	NM	8	--	NM	8	--	--	NM	*	NM	1
Texas.....	NM	7	--	3	3	3	3	NM	*	NM	1
Mountain	19	25	-24.5	16	24	NM	1	NM	*	NM	*
Arizona.....	4	3	30.3	4	3	--	--	NM	*	NM	*
Colorado.....	NM	1	--	NM	1	*	*	*	--	NM	*
Idaho.....	--	*	--	NM	*	--	--	--	--	--	--
Montana.....	NM	1	--	NM	*	NM	1	--	--	--	--
Nevada.....	NM	1	--	NM	1	*	*	--	--	--	--
New Mexico.....	NM	11	--	NM	11	NM	*	--	--	NM	--
Utah.....	NM	4	--	NM	4	NM	*	--	--	--	--
Wyoming.....	NM	4	--	4	4	NM	*	--	--	NM	*
Pacific Contiguous	NM	10	--	NM	5	NM	2	NM	*	NM	3
California.....	NM	5	--	NM	4	NM	1	NM	*	NM	*
Oregon.....	NM	1	--	NM	1	--	--	--	--	NM	*
Washington.....	NM	4	--	NM	*	1	1	*	*	NM	2
Pacific Noncontiguous ..	706	806	-12.4	547	630	147	160	NM	*	NM	16
Alaska.....	63	80	-21.0	60	69	--	7	NM	*	NM	4
Hawaii.....	642	725	-11.5	487	561	147	153	*	*	NM	12
U.S. Total.....	2,097	2,001	4.8	1,539	1,452	454	411	9	5	96	133

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.8.B. Net Generation from Petroleum Liquids by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers		2008	2007	2008	2007
	2008	2007	Percent Change	2008	2007	2008	2007				
New England	2,985	4,984	-40.1	NM	341	2,439	4,114	NM	59	338	470
Connecticut.....	NM	1,135	--	NM	2	NM	1,118	NM	*	NM	15
Maine.....	387	699	-44.7	NM	1	NM	313	NM	2	246	382
Massachusetts.....	1,868	2,797	-33.2	NM	54	1,762	2,652	NM	22	NM	69
New Hampshire.....	NM	318	--	NM	267	NM	26	NM	22	NM	3
Rhode Island.....	NM	28	--	NM	10	NM	5	NM	13	*	1
Vermont.....	NM	7	--	NM	7	--	--	--	--	--	--
Middle Atlantic	3,584	9,153	-60.8	1,511	4,161	1,902	4,721	NM	79	NM	193
New Jersey.....	306	445	-31.1	NM	9	282	433	NM	2	NM	1
New York.....	2,556	7,477	-65.8	1,486	4,152	947	3,096	NM	73	100	156
Pennsylvania.....	722	1,232	-41.4	NM	--	672	1,192	NM	4	NM	36
East North Central	979	1,135	-13.8	751	886	171	167	7	2	NM	80
Illinois.....	147	120	22.7	NM	24	122	95	NM	1	NM	*
Indiana.....	165	151	8.8	154	137	NM	*	NM	1	NM	13
Michigan.....	317	438	-27.5	294	405	NM	*	NM	*	NM	32
Ohio.....	271	274	-1.2	220	204	NM	64	--	--	NM	6
Wisconsin.....	NM	152	--	NM	116	NM	6	NM	*	NM	30
West North Central	382	615	-37.8	369	566	NM	38	NM	6	NM	5
Iowa.....	NM	168	--	NM	162	NM	5	NM	*	NM	*
Kansas.....	45	37	20.3	45	37	--	--	NM	--	--	--
Minnesota.....	NM	224	--	NM	185	4	32	NM	5	NM	1
Missouri.....	NM	54	--	NM	53	--	--	*	*	--	*
Nebraska.....	37	35	4.9	37	35	--	--	--	*	--	--
North Dakota.....	43	43	.4	41	40	--	--	--	*	NM	3
South Dakota.....	NM	55	--	NM	54	--	*	--	--	--	--
South Atlantic	10,785	19,649	-45.1	9,608	17,228	738	1,661	NM	7	436	752
Delaware.....	NM	228	--	*	4	NM	194	--	--	NM	30
District of Columbia.....	72	76	-4.6	--	--	72	76	--	--	--	--
Florida.....	8,496	15,293	-44.4	8,361	14,947	NM	165	NM	--	NM	181
Georgia.....	195	214	-8.8	58	76	NM	2	NM	4	130	132
Maryland.....	374	929	-59.8	NM	22	347	886	NM	*	NM	21
North Carolina.....	286	458	-37.7	203	214	NM	7	NM	1	NM	237
South Carolina.....	113	208	-45.5	95	168	NM	*	NM	1	17	38
Virginia.....	939	2,063	-54.5	755	1,640	NM	326	--	2	33	95
West Virginia.....	127	179	-29.2	127	157	*	5	--	--	--	17
East South Central.....	510	849	-40.0	420	683	NM	26	--	--	NM	141
Alabama.....	153	142	8.0	91	65	14	3	--	--	NM	74
Kentucky.....	108	106	2.5	88	83	NM	22	--	--	--	--
Mississippi.....	75	399	-81.3	70	397	--	--	--	--	NM	2
Tennessee.....	173	203	-14.5	171	137	--	--	--	--	NM	66
West South Central	478	697	-31.4	303	496	97	87	NM	1	NM	114
Arkansas.....	40	90	-55.0	35	73	--	--	--	--	5	16
Louisiana.....	262	278	-5.8	220	226	13	15	--	--	NM	37
Oklahoma.....	NM	158	--	13	137	--	--	NM	*	NM	21
Texas.....	137	172	-20.2	35	59	85	72	NM	1	NM	40
Mountain	239	213	12.1	177	181	NM	29	NM	*	NM	3
Arizona.....	49	44	12.4	48	41	--	--	NM	*	NM	2
Colorado.....	NM	27	--	NM	13	22	14	*	--	NM	*
Idaho.....	*	*	50.0	NM	*	--	--	--	--	--	--
Montana.....	NM	15	--	NM	1	13	13	--	1	--	--
Nevada.....	12	10	23.9	11	10	1	*	--	--	--	--
New Mexico.....	41	40	2.3	40	38	NM	1	--	--	NM	*
Utah.....	NM	37	--	23	36	NM	*	--	--	--	--
Wyoming.....	NM	42	--	NM	41	NM	*	--	--	NM	1
Pacific Contiguous	144	314	-54.2	NM	64	NM	53	NM	*	45	197
California.....	101	268	-62.4	53	56	NM	45	NM	*	NM	168
Oregon.....	NM	14	--	NM	5	--	--	--	*	NM	9
Washington.....	NM	32	--	NM	3	10	9	NM	-1	NM	21
Pacific Noncontiguous ..	8,304	9,091	-8.7	6,666	7,107	1,480	1,754	NM	10	NM	220
Alaska.....	689	894	-23.0	654	753	--	79	NM	9	NM	53
Hawaii.....	7,616	8,197	-7.1	6,012	6,353	1,480	1,675	1	1	NM	166
U.S. Total.....	28,390	46,702	-39.2	20,036	31,712	6,959	12,650	91	164	1,304	2,175

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.9.A. Net Generation from Petroleum Coke by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	NM	25	--	--	--	18	11	--	--	NM	15
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	18	11	66.7	--	--	18	11	--	--	--	--
Pennsylvania	NM	15	--	--	--	NM	--	--	--	NM	15
East North Central	156	146	6.5	41	47	98	71	--	--	NM	29
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	7	21	-67.8	--	3	7	6	--	--	--	11
Ohio	92	65	42.9	--	--	91	65	--	--	NM	*
Wisconsin	57	61	-7.0	41	44	--	--	--	--	16	17
West North Central	16	42	-61.6	15	41	--	--	1	1	--	--
Iowa	1	13	-91.8	*	12	--	--	1	1	--	--
Kansas	5	14	-66.5	5	14	--	--	--	--	--	--
Minnesota	11	16	-32.7	11	16	--	--	--	--	--	--
Missouri	--	*	--	--	*	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	357	208	71.8	324	164	--	--	--	--	32	44
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	324	164	97.9	324	164	--	--	--	--	--	--
Georgia	32	44	-25.9	--	--	--	--	--	--	32	44
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	203	228	-11.1	--	--	203	228	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	203	228	-11.1	--	--	203	228	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	151	269	-43.6	136	152	--	80	--	--	NM	37
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	145	176	-17.7	136	152	--	--	--	--	NM	24
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	NM	93	--	--	--	--	80	--	--	NM	13
Mountain	41	41	1.3	--	--	41	41	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	41	41	1.3	--	--	41	41	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	120	176	-31.6	--	--	109	138	--	--	NM	38
California	120	176	-31.6	--	--	109	138	--	--	NM	38
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	1,075	1,135	-5.3	516	404	469	568	1	1	89	162

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.9.B. Net Generation from Petroleum Coke by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	NM	404	--	--	--	NM	242	--	--	NM	162
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	NM	242	--	--	--	NM	242	--	--	--	--
Pennsylvania	NM	162	--	--	--	NM	--	--	--	NM	162
East North Central	1,790	1,761	1.7	527	574	1,017	825	--	--	246	361
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	69	227	-69.7	--	21	69	75	--	--	--	131
Ohio	966	753	28.3	--	--	948	751	--	--	NM	2
Wisconsin	755	781	-3.3	527	554	--	--	--	--	228	228
West North Central	263	426	-38.3	258	417	--	--	5	8	--	--
Iowa	80	122	-34.4	75	113	--	--	5	8	--	--
Kansas	68	150	-54.4	68	150	--	--	--	--	--	--
Minnesota	115	154	-25.7	115	154	--	--	--	--	--	--
Missouri	--	*	--	--	*	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	3,549	4,740	-25.1	3,113	4,230	--	--	--	--	436	510
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	3,062	4,230	-27.6	3,062	4,230	--	--	--	--	--	--
Georgia	436	510	-14.5	--	--	--	--	--	--	436	510
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	52	--	--	52	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	2,528	2,392	5.7	--	--	2,528	2,392	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	2,528	2,392	5.7	--	--	2,528	2,392	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	2,508	2,798	-10.3	1,521	1,593	797	877	--	--	NM	327
Arkansas	NM	--	--	--	--	--	--	--	--	NM	--
Louisiana	1,618	1,788	-9.5	1,521	1,593	--	--	--	--	NM	194
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	890	1,010	-11.9	--	--	797	877	--	--	NM	133
Mountain	352	417	-15.5	--	--	352	417	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	352	417	-15.5	--	--	352	417	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	1,309	1,886	-30.6	--	--	1,175	1,511	--	--	NM	374
California	1,309	1,886	-30.6	--	--	1,175	1,511	--	--	NM	374
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous ..	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	12,600	14,822	-15.0	5,419	6,815	6,020	6,265	5	8	1,156	1,734

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.10.A. Net Generation from Natural Gas by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	4,256	4,119	3.3	NM	4	4,058	3,896	34	40	162	180
Connecticut.....	570	671	-15.1	*	2	550	656	NM	3	NM	10
Maine.....	686	473	45.1	--	--	559	326	NM	*	127	147
Massachusetts.....	1,915	2,094	-8.6	NM	2	1,875	2,045	27	34	NM	14
New Hampshire.....	630	418	50.7	*	*	622	410	--	--	NM	8
Rhode Island.....	455	463	-1.6	--	--	452	460	NM	3	--	--
Vermont.....	*	*	254.6	*	*	--	--	--	--	--	--
Middle Atlantic	6,186	5,293	16.9	1,075	969	4,943	4,178	54	49	NM	97
New Jersey.....	1,485	1,356	9.5	NM	1	1,429	1,306	NM	6	NM	43
New York.....	3,418	2,955	15.7	1,072	968	2,291	1,935	32	30	23	22
Pennsylvania.....	1,284	982	30.7	NM	--	1,224	936	NM	14	NM	32
East North Central	1,151	1,564	-26.4	133	258	909	1,215	38	33	70	58
Illinois.....	174	276	-36.9	NM	44	115	186	33	26	NM	19
Indiana.....	187	152	23.1	NM	18	133	116	NM	1	30	16
Michigan.....	434	726	-40.3	31	33	395	687	NM	1	NM	6
Ohio.....	116	100	16.4	NM	13	109	84	--	--	NM	3
Wisconsin.....	239	310	-22.7	64	150	157	142	NM	5	NM	14
West North Central	1,173	934	25.7	1,039	757	124	163	NM	6	NM	6
Iowa.....	182	166	9.4	181	166	NM	*	NM	1	*	--
Kansas.....	210	55	281.4	209	55	--	--	NM	--	NM	*
Minnesota.....	155	337	-54.1	67	239	80	88	NM	6	NM	4
Missouri.....	547	330	65.8	503	254	44	76	*	*	NM	*
Nebraska.....	74	10	612.9	74	10	NM	*	NM	*	--	--
North Dakota.....	NM	2	--	NM	*	--	--	--	--	NM	2
South Dakota.....	NM	33	--	NM	33	--	--	--	--	--	--
South Atlantic	9,882	8,880	11.3	8,227	7,475	1,574	1,309	NM	3	78	92
Delaware.....	88	63	40.3	NM	2	82	57	--	--	5	4
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	7,159	7,536	-5.0	6,481	6,679	642	803	NM	2	32	52
Georgia.....	1,172	593	97.5	725	440	426	138	--	--	21	15
Maryland.....	175	75	132.8	--	--	168	65	NM	*	NM	10
North Carolina.....	346	40	762.4	268	36	77	2	--	1	NM	2
South Carolina.....	456	43	969.5	374	24	82	18	NM	*	*	*
Virginia.....	474	508	-6.8	369	288	93	213	--	--	11	7
West Virginia.....	13	21	-38.7	9	7	NM	13	--	--	NM	1
East South Central.....	3,609	2,115	70.6	1,507	961	2,023	1,066	NM	7	73	81
Alabama.....	2,104	1,247	68.7	798	552	1,269	648	--	--	37	47
Kentucky.....	29	55	-47.1	15	46	*	2	--	--	NM	7
Mississippi.....	1,449	797	81.8	675	359	753	417	NM	1	NM	21
Tennessee.....	27	17	65.8	19	3	--	--	NM	7	NM	6
West South Central	17,308	18,191	-4.9	4,197	4,545	8,973	9,078	40	38	4,098	4,530
Arkansas.....	503	412	21.9	NM	35	478	361	NM	*	14	17
Louisiana.....	3,158	2,989	5.7	922	823	472	298	NM	3	1,761	1,864
Oklahoma.....	2,170	1,844	17.7	1,227	1,368	931	463	NM	2	NM	11
Texas.....	11,478	12,946	-11.3	2,037	2,319	7,091	7,956	36	33	2,313	2,638
Mountain	6,400	6,914	-7.4	3,201	3,528	3,116	3,310	NM	13	72	64
Arizona.....	2,279	2,979	-23.5	874	1,058	1,400	1,916	NM	5	NM	--
Colorado.....	1,054	1,155	-8.8	414	339	637	812	1	2	NM	2
Idaho.....	107	199	-46.1	NM	29	104	168	--	--	NM	3
Montana.....	NM	8	--	NM	1	NM	6	--	--	NM	1
Nevada.....	1,781	1,331	33.8	1,001	949	755	357	--	--	NM	24
New Mexico.....	559	482	16.0	368	442	186	34	NM	4	NM	1
Utah.....	577	719	-19.8	539	698	NM	15	NM	2	NM	4
Wyoming.....	38	41	-7.4	NM	10	NM	2	--	--	32	29
Pacific Contiguous	11,151	12,265	-9.1	2,549	2,807	7,440	8,159	137	145	1,025	1,155
California.....	8,989	9,870	-8.9	1,731	2,012	6,165	6,624	135	143	958	1,091
Oregon.....	1,533	1,585	-3.3	617	590	852	932	NM	1	63	62
Washington.....	629	811	-22.4	201	204	423	603	NM	1	4	3
Pacific Noncontiguous ..	345	362	-4.6	341	354	--	--	--	*	NM	7
Alaska.....	345	362	-4.6	341	354	--	--	--	*	NM	7
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
U.S. Total.....	61,461	60,637	1.4	22,273	21,658	33,160	32,373	327	335	5,701	6,270

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Natural gas includes a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.10.B. Net Generation from Natural Gas by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	46,678	49,775	-6.2	NM	241	44,164	47,140	485	478	1,846	1,917
Connecticut	7,571	9,215	-17.8	NM	2	7,319	9,041	NM	40	NM	129
Maine	6,239	6,036	3.4	--	--	4,842	4,482	NM	*	1,396	1,553
Massachusetts	19,855	22,973	-13.6	NM	221	19,135	22,221	409	404	NM	126
New Hampshire	6,518	5,361	21.6	6	14	6,415	5,240	--	--	NM	107
Rhode Island	6,493	6,189	4.9	--	--	6,453	6,156	NM	33	--	--
Vermont	2	2	40.2	2	2	--	--	--	--	--	--
Middle Atlantic	77,940	77,406	.7	13,886	13,281	62,048	62,320	618	529	1,388	1,276
New Jersey	19,587	17,134	14.3	NM	16	18,894	16,567	NM	72	NM	479
New York	40,911	42,313	-3.3	13,842	13,266	26,462	28,511	351	295	256	242
Pennsylvania	17,442	17,959	-2.9	NM	--	16,692	17,241	NM	163	NM	555
East North Central	23,641	32,838	-28.0	4,767	6,589	17,636	24,848	473	490	765	912
Illinois	3,865	7,229	-46.5	NM	678	2,890	5,752	392	399	NM	400
Indiana	3,236	3,725	-13.1	NM	915	2,258	2,598	NM	13	239	198
Michigan	9,233	12,106	-23.7	840	1,033	8,285	10,950	NM	22	NM	100
Ohio	2,294	3,742	-38.7	NM	1,033	NM	2,683	--	--	NM	26
Wisconsin	5,012	6,037	-17.0	2,379	2,929	2,407	2,865	NM	55	NM	187
West North Central	11,946	14,212	-15.9	9,656	11,770	2,146	2,268	NM	85	NM	89
Iowa	1,945	2,717	-28.4	1,938	2,712	NM	*	NM	5	1	--
Kansas	2,251	2,013	11.8	2,228	2,005	--	--	NM	--	NM	8
Minnesota	2,084	3,431	-39.2	NM	1,887	910	1,414	NM	66	NM	63
Missouri	4,783	4,625	3.4	3,544	3,761	1,234	853	1	9	NM	3
Nebraska	702	1,085	-35.3	701	1,079	NM	2	NM	4	--	--
North Dakota	NM	15	--	NM	*	--	--	--	--	NM	15
South Dakota	NM	326	--	NM	326	--	--	--	--	--	--
South Atlantic	130,436	133,015	-1.9	106,149	104,052	23,132	27,628	NM	49	1,097	1,286
Delaware	1,332	1,781	-25.2	NM	41	1,270	1,525	--	--	44	215
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	96,221	93,156	3.3	86,321	82,117	9,321	10,393	NM	40	525	606
Georgia	12,700	15,250	-16.7	7,160	8,265	5,274	6,810	--	--	267	174
Maryland	1,572	2,148	-26.8	--	--	1,492	2,045	NM	*	NM	103
North Carolina	4,091	4,335	-5.6	3,170	3,391	886	912	1	7	NM	25
South Carolina	5,519	5,842	-5.5	4,385	4,504	NM	1,333	NM	1	4	4
Virginia	8,844	10,140	-12.8	5,049	5,607	3,656	4,398	--	--	140	134
West Virginia	NM	363	--	48	126	NM	212	--	--	NM	25
East South Central	41,010	44,297	-7.4	18,553	19,241	21,433	23,907	NM	82	948	1,067
Alabama	20,459	21,733	-5.9	7,739	7,544	12,191	13,673	--	--	529	517
Kentucky	NM	1,727	--	653	1,445	111	94	--	--	NM	188
Mississippi	19,191	20,150	-4.8	9,814	9,740	9,128	10,085	NM	11	NM	314
Tennessee	NM	687	--	347	512	2	56	NM	71	NM	48
West South Central	260,625	265,869	-2.0	61,986	63,039	149,362	150,979	506	471	48,771	51,380
Arkansas	8,085	8,037	.6	NM	951	6,848	6,917	NM	*	183	169
Louisiana	39,925	40,870	-2.3	13,644	12,990	7,212	7,741	NM	39	19,036	20,099
Oklahoma	31,048	30,829	.7	17,891	17,667	12,995	13,041	NM	23	NM	97
Texas	181,567	186,133	-2.5	29,398	31,430	122,307	123,280	443	408	29,420	31,014
Mountain	82,834	84,631	-2.1	42,071	42,061	39,640	41,513	NM	160	966	897
Arizona	34,403	35,290	-2.5	13,100	13,205	21,230	22,012	NM	61	NM	12
Colorado	12,102	13,742	-11.9	4,494	4,629	7,542	9,065	39	27	NM	21
Idaho	1,488	1,445	3.0	NM	210	1,351	1,201	--	--	31	34
Montana	NM	98	--	NM	14	NM	75	--	--	NM	10
Nevada	21,303	20,675	3.0	12,515	12,208	8,460	8,084	--	--	NM	383
New Mexico	6,318	6,124	3.2	5,616	5,626	NM	428	NM	54	NM	16
Utah	6,678	6,723	-.7	6,175	6,036	NM	627	NM	18	NM	41
Wyoming	459	533	-14.0	NM	133	NM	21	--	--	373	380
Pacific Contiguous	129,576	124,261	4.3	30,022	26,920	86,517	83,677	1,506	1,568	11,531	12,096
California	105,742	104,709	1.0	22,670	20,880	70,772	70,895	1,487	1,556	10,813	11,378
Oregon	15,626	13,051	19.7	5,515	4,477	9,421	7,883	NM	5	686	687
Washington	8,208	6,500	26.3	1,837	1,563	6,324	4,899	NM	7	32	31
Pacific Noncontiguous ..	3,541	3,479	1.8	3,448	3,407	--	--	--	--	NM	71
Alaska	3,541	3,479	1.8	3,448	3,407	--	--	--	*	NM	71
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	808,226	829,782	-2.6	290,720	290,601	446,078	464,280	3,939	3,911	67,490	70,991

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Natural gas includes a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.11.A. Net Generation from Other Gases by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	--	*	--	--	--	--	*	--	--	--	--
Connecticut	--	*	--	--	--	--	*	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	38	55	-30.7	--	--	NM	*	--	--	38	55
New Jersey	NM	12	--	--	--	--	--	--	--	NM	12
New York	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania	33	43	-22.5	--	--	NM	*	--	--	33	43
East North Central	163	259	-36.8	--	11	*	28	--	--	163	219
Illinois	NM	10	--	--	--	--	2	--	--	NM	8
Indiana	155	205	-24.6	--	--	NM	--	--	--	155	205
Michigan	*	25	-98.6	--	11	*	14	--	--	--	--
Ohio	NM	18	--	--	--	--	12	--	--	NM	6
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	NM	6	--	*	2	--	--	--	--	NM	4
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	2	--	--	2	--	--	--	--	--	--
Missouri	*	*	73.3	*	*	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	NM	4	--	--	--	--	--	--	--	NM	4
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	16	96	-83.3	--	--	1	30	--	--	15	66
Delaware	10	61	-83.1	--	--	--	--	--	--	10	61
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1	1	-33.4	--	--	*	*	--	--	1	1
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	1	30	-97.5	--	--	1	30	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	4	4	2.3	--	--	--	--	--	--	4	4
East South Central	NM	20	--	*	1	--	--	--	--	NM	20
Alabama	10	16	-36.0	--	--	--	--	--	--	10	16
Kentucky	*	1	-12.1	*	1	--	--	--	--	--	--
Mississippi	NM	3	--	--	--	--	--	--	--	NM	3
Tennessee	1	1	-36.1	--	--	--	--	--	--	1	1
West South Central	264	426	-38.0	--	--	134	232	--	--	130	193
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	56	138	-59.6	--	--	22	59	--	--	NM	79
Oklahoma	NM	2	--	--	--	--	--	--	--	NM	2
Texas	208	286	-27.2	--	--	112	173	--	--	95	112
Mountain	NM	25	--	*	*	*	2	--	--	NM	23
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	*	*	-66.1	*	*	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	*	1	-98.5	--	--	*	1	--	--	--	--
Nevada	*	*	-71.5	--	--	*	*	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	--	--	--	--	--	--	--	--	NM	--
Wyoming	21	23	-7.1	--	--	--	--	--	--	21	23
Pacific Contiguous	162	140	16.0	--	--	25	25	NM	--	137	114
California	139	114	21.7	--	--	NM	*	NM	--	137	114
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	23	25	-9.8	--	--	23	25	--	--	--	--
Pacific Noncontiguous ..	NM	5	--	--	--	--	--	--	--	NM	5
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	NM	5	--	--	--	--	--	--	--	NM	5
U.S. Total	686	1,031	-33.5	1	14	160	318	--	--	525	699

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.11.B. Net Generation from Other Gases by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	--	2	--	--	--	--	2	--	--	--	--
Connecticut	--	2	--	--	--	--	2	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	566	630	-10.1	--	--	NM	1	--	--	565	629
New Jersey	NM	146	--	--	--	--	*	--	--	NM	145
New York	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania	472	484	-2.5	--	--	NM	1	--	--	471	483
East North Central	3,218	3,019	6.6	5	94	462	322	--	--	2,751	2,603
Illinois	NM	127	--	--	--	10	25	--	--	NM	103
Indiana	2,503	2,373	5.5	--	--	NM	*	--	--	2,501	2,373
Michigan	344	250	37.4	--	94	344	157	--	--	--	--
Ohio	NM	269	--	5	--	108	141	--	--	NM	128
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	NM	74	--	2	26	--	--	--	--	NM	48
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	24	--	--	24	--	--	--	--	--	--
Missouri	2	3	-24.2	2	3	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	NM	48	--	--	--	--	--	--	--	NM	48
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	861	1,083	-20.5	--	--	338	349	--	--	523	734
Delaware	465	669	-30.4	--	--	--	--	--	--	465	669
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	9	14	-35.8	--	--	*	*	--	--	9	14
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	338	349	-3.2	--	--	338	349	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	*	--	--	--	--	--	--	--	--	*
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	49	51	-4.4	--	--	--	--	--	--	49	51
East South Central	205	214	-4.5	4	4	--	--	--	--	201	210
Alabama	165	157	5.0	--	--	--	--	--	--	165	157
Kentucky	4	4	-14.6	4	4	--	--	--	--	--	--
Mississippi	NM	40	--	--	--	--	--	--	--	NM	40
Tennessee	11	12	-9.0	--	--	--	--	--	--	11	12
West South Central	6,148	5,047	21.8	--	--	3,140	2,561	--	--	3,009	2,486
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	2,587	1,686	53.5	--	--	1,277	612	--	--	NM	1,074
Oklahoma	NM	21	--	--	--	--	--	--	--	NM	21
Texas	3,554	3,340	6.4	--	--	1,863	1,949	--	--	1,691	1,392
Mountain	297	303	-1.8	1	2	16	21	--	--	NM	280
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	1	2	-62.8	1	2	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	12	17	-32.2	--	--	12	17	--	--	--	--
Nevada	5	4	25.3	--	--	5	4	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	--	--	--	--	--	--	--	--	NM	--
Wyoming	258	280	-7.7	--	--	--	--	--	--	258	280
Pacific Contiguous	1,881	2,018	-6.8	8	--	284	323	NM	--	1,589	1,695
California	1,627	1,707	-4.7	8	--	NM	12	NM	--	1,589	1,695
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	253	311	-18.5	--	--	253	311	--	--	--	--
Pacific Noncontiguous ..	NM	41	--	--	--	--	--	--	--	NM	41
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	NM	41	--	--	--	--	--	--	--	NM	41
U.S. Total	13,253	12,431	6.6	19	126	4,241	3,579	--	--	8,992	8,726

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other gases include blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.12.A. Net Generation from Nuclear Energy by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	2,455	3,300	-25.6	--	--	2,455	3,300	--	--	--	--
Connecticut	771	1,456	-47.0	--	--	771	1,456	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	492	495	-.5	--	--	492	495	--	--	--	--
New Hampshire	895	898	-.3	--	--	895	898	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	297	451	-34.2	--	--	297	451	--	--	--	--
Middle Atlantic	12,883	12,087	6.6	--	--	12,883	12,087	--	--	--	--
New Jersey	2,264	2,451	-7.6	--	--	2,264	2,451	--	--	--	--
New York	3,683	3,193	15.3	--	--	3,683	3,193	--	--	--	--
Pennsylvania	6,936	6,443	7.6	--	--	6,936	6,443	--	--	--	--
East North Central	12,629	12,638	-.1	1,601	1,671	11,028	10,967	--	--	--	--
Illinois	7,891	7,740	2.0	--	--	7,891	7,740	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	2,183	2,252	-3.1	1,601	1,671	582	581	--	--	--	--
Ohio	1,577	1,484	6.2	--	--	1,577	1,484	--	--	--	--
Wisconsin	979	1,162	-15.8	--	--	979	1,162	--	--	--	--
West North Central	3,963	4,304	-7.9	3,524	3,866	439	438	--	--	--	--
Iowa	439	438	.2	--	--	439	438	--	--	--	--
Kansas	858	859	-.1	858	859	--	--	--	--	--	--
Minnesota	1,152	1,196	-3.7	1,152	1,196	--	--	--	--	--	--
Missouri	579	889	-34.8	579	889	--	--	--	--	--	--
Nebraska	934	922	1.3	934	922	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	15,238	15,185	.3	13,976	13,922	1,261	1,263	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,480	1,700	45.9	2,480	1,700	--	--	--	--	--	--
Georgia	2,704	2,922	-7.4	2,704	2,922	--	--	--	--	--	--
Maryland	1,261	1,263	-.1	--	--	1,261	1,263	--	--	--	--
North Carolina	2,895	3,699	-21.7	2,895	3,699	--	--	--	--	--	--
South Carolina	3,713	3,696	.5	3,713	3,696	--	--	--	--	--	--
Virginia	2,184	1,905	14.6	2,184	1,905	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	5,417	5,920	-8.5	5,417	5,920	--	--	--	--	--	--
Alabama	2,321	3,019	-23.1	2,321	3,019	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	880	916	-3.9	880	916	--	--	--	--	--	--
Tennessee	2,215	1,985	11.6	2,215	1,985	--	--	--	--	--	--
West South Central	5,829	6,270	-7.0	2,299	2,627	3,531	3,643	--	--	--	--
Arkansas	726	1,349	-46.2	726	1,349	--	--	--	--	--	--
Louisiana	1,573	1,278	23.0	1,573	1,278	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	3,531	3,643	-3.1	--	--	3,531	3,643	--	--	--	--
Mountain	1,945	1,566	24.2	1,945	1,566	--	--	--	--	--	--
Arizona	1,945	1,566	24.2	1,945	1,566	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	3,049	3,629	-16.0	3,049	3,629	--	--	--	--	--	--
California	2,416	2,833	-14.7	2,416	2,833	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	633	796	-20.5	633	796	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	63,408	64,899	-2.3	31,811	33,202	31,597	31,697	--	--	--	--

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.12.B. Net Generation from Nuclear Energy by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers		2008	2007	2008	2007
	2008	2007	Percent Change	2008	2007	2008	2007				
New England	32,154	33,616	-4.3	--	--	32,154	33,616	--	--	--	--
Connecticut	13,868	14,885	-6.8	--	--	13,868	14,885	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	5,427	4,653	16.6	--	--	5,427	4,653	--	--	--	--
New Hampshire	8,424	9,838	-14.4	--	--	8,424	9,838	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	4,435	4,240	4.6	--	--	4,435	4,240	--	--	--	--
Middle Atlantic	139,878	137,977	1.4	--	--	139,878	137,977	--	--	--	--
New Jersey	29,126	29,180	-2	--	--	29,126	29,180	--	--	--	--
New York	39,282	38,541	1.9	--	--	39,282	38,541	--	--	--	--
Pennsylvania	71,470	70,256	1.7	--	--	71,470	70,256	--	--	--	--
East North Central	143,171	141,952	.9	22,998	23,218	120,173	118,734	--	--	--	--
Illinois	86,991	87,282	-3	--	--	86,991	87,282	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	29,230	28,439	2.8	22,998	23,218	6,231	5,221	--	--	--	--
Ohio	15,988	14,511	10.2	--	--	15,988	14,511	--	--	--	--
Wisconsin	10,963	11,719	-6.5	--	--	10,963	11,719	--	--	--	--
West North Central	41,530	43,986	-5.6	36,683	39,921	4,847	4,065	--	--	--	--
Iowa	4,847	4,065	19.2	--	--	4,847	4,065	--	--	--	--
Kansas	7,611	9,483	-19.7	7,611	9,483	--	--	--	--	--	--
Minnesota	11,754	11,907	-1.3	11,754	11,907	--	--	--	--	--	--
Missouri	8,807	8,452	4.2	8,807	8,452	--	--	--	--	--	--
Nebraska	8,511	10,079	-15.5	8,511	10,079	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	179,005	179,376	-.2	165,632	166,335	13,373	13,040	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	28,911	27,089	6.7	28,911	27,089	--	--	--	--	--	--
Georgia	28,604	29,506	-3.1	28,604	29,506	--	--	--	--	--	--
Maryland	13,373	13,040	2.6	--	--	13,373	13,040	--	--	--	--
North Carolina	35,641	36,234	-1.6	35,641	36,234	--	--	--	--	--	--
South Carolina	47,117	48,641	-3.1	47,117	48,641	--	--	--	--	--	--
Virginia	25,359	24,865	2.0	25,359	24,865	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	68,163	65,221	4.5	68,163	65,221	--	--	--	--	--	--
Alabama	35,307	30,717	14.9	35,307	30,717	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	8,445	8,414	.4	8,445	8,414	--	--	--	--	--	--
Tennessee	24,412	26,089	-6.4	24,412	26,089	--	--	--	--	--	--
West South Central	63,791	66,836	-4.6	26,879	29,636	36,913	37,199	--	--	--	--
Arkansas	13,124	14,092	-6.9	13,124	14,092	--	--	--	--	--	--
Louisiana	13,754	15,544	-11.5	13,754	15,544	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	36,913	37,199	-.8	--	--	36,913	37,199	--	--	--	--
Mountain	26,733	24,824	7.7	26,733	24,824	--	--	--	--	--	--
Arizona	26,733	24,824	7.7	26,733	24,824	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	38,265	40,656	-5.9	38,265	40,656	--	--	--	--	--	--
California	29,824	33,387	-10.7	29,824	33,387	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	8,441	7,269	16.1	8,441	7,269	--	--	--	--	--	--
Pacific Noncontiguous ..	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	732,692	734,442	-.2	385,354	389,810	347,338	344,632	--	--	--	--

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers		Nov 2008	Nov 2007	Nov 2008	Nov 2007
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007				
New England	645	667	-3.3	110	101	474	496	--	1	61	70
Connecticut.....	NM	36	--	NM	3	NM	34	--	--	--	--
Maine.....	301	328	-8.0	--	--	242	260	--	--	60	67
Massachusetts.....	104	90	15.7	NM	21	66	67	--	1	--	2
New Hampshire.....	111	141	-21.4	36	33	76	108	--	--	NM	1
Rhode Island.....	NM	*	--	--	--	NM	*	--	--	--	--
Vermont.....	95	71	33.8	NM	44	NM	27	--	--	NM	*
Middle Atlantic	2,379	2,225	6.9	1,930	1,775	443	449	--	*	6	1
New Jersey.....	NM	2	--	--	--	NM	2	--	--	--	--
New York.....	2,248	2,047	9.8	1,888	1,699	353	347	--	--	6	1
Pennsylvania.....	129	177	-27.2	42	76	87	101	--	--	--	--
East North Central	290	265	9.4	266	242	NM	9	--	*	NM	13
Illinois.....	NM	8	--	NM	4	NM	5	--	--	--	--
Indiana.....	43	52	-17.2	43	52	--	--	--	--	--	--
Michigan.....	90	43	111.1	82	39	NM	3	--	--	NM	1
Ohio.....	47	57	-16.9	47	57	--	--	--	--	--	--
Wisconsin.....	99	105	-5.6	88	91	NM	2	--	*	NM	12
West North Central	389	439	-11.6	383	413	NM	9	--	--	2	17
Iowa.....	NM	89	--	NM	89	NM	*	--	--	--	--
Kansas.....	NM	*	--	--	--	NM	*	--	--	--	--
Minnesota.....	NM	112	--	NM	86	NM	9	--	--	2	17
Missouri.....	59	11	445.7	59	11	--	--	--	--	--	--
Nebraska.....	NM	18	--	NM	18	--	--	--	--	--	--
North Dakota.....	91	82	11.7	91	82	--	--	--	--	--	--
South Dakota.....	133	128	3.3	133	128	--	--	--	--	--	--
South Atlantic	627	592	6.0	492	387	120	184	--	*	16	20
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	NM	9	--	NM	9	--	--	--	--	--	--
Georgia.....	181	165	9.7	179	163	NM	*	--	--	NM	1
Maryland.....	68	122	-44.3	--	--	68	122	--	--	--	--
North Carolina.....	143	68	110.5	124	59	NM	8	--	*	--	*
South Carolina.....	94	66	41.7	92	65	NM	1	--	*	--	--
Virginia.....	54	58	-7.3	49	55	NM	3	--	--	NM	--
West Virginia.....	75	104	-27.7	NM	36	26	50	--	--	14	19
East South Central.....	655	468	40.1	655	468	--	*	--	--	--	--
Alabama.....	280	179	56.3	280	179	--	--	--	--	--	--
Kentucky.....	69	96	-28.1	69	96	--	*	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	307	193	58.9	307	193	--	--	--	--	--	--
West South Central	538	236	128.0	500	199	39	37	--	--	--	--
Arkansas.....	379	101	273.9	379	101	--	*	--	--	--	--
Louisiana.....	36	32	10.6	--	--	36	32	--	--	--	--
Oklahoma.....	93	72	29.7	93	72	--	--	--	--	--	--
Texas.....	NM	31	--	NM	26	NM	4	--	--	--	--
Mountain	1,938	1,565	23.8	1,682	1,367	255	198	--	--	--	--
Arizona.....	516	525	-1.7	516	525	--	--	--	--	--	--
Colorado.....	99	111	-11.2	91	105	NM	7	--	--	--	--
Idaho.....	491	340	44.3	464	324	NM	16	--	--	--	--
Montana.....	621	491	26.5	402	316	219	175	--	--	--	--
Nevada.....	99	27	264.8	99	27	--	--	--	--	--	--
New Mexico.....	NM	14	--	NM	14	--	--	--	--	--	--
Utah.....	NM	35	--	NM	35	NM	*	--	--	--	--
Wyoming.....	NM	21	--	NM	21	--	--	--	--	--	--
Pacific Contiguous	9,539	9,137	4.4	9,379	9,081	158	52	3	4	NM	*
California.....	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM
Oregon.....	2,420	2,388	1.3	2,403	2,371	NM	17	--	--	--	--
Washington.....	4,997	5,032	-7	4,985	5,019	NM	11	3	3	NM	*
Pacific Noncontiguous ..	81	87	-6.6	76	83	NM	2	--	--	NM	2
Alaska.....	75	83	-9.7	75	83	--	--	--	--	--	--
Hawaii.....	NM	4	--	NM	1	NM	2	--	--	NM	2
U.S. Total.....	17,081	15,682	8.9	15,474	14,118	1,505	1,436	3	5	100	123

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.13.B. Net Generation from Hydroelectric (Conventional) Power by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers		2008	2007	2008	2007
	2008	2007	Percent Change	2008	2007	2008	2007				
New England	7,789	6,157	26.5	NM	838	5,912	4,665	4	5	689	649
Connecticut	NM	328	--	NM	25	NM	303	--	--	--	--
Maine	3,551	3,383	4.9	--	--	NM	2,751	--	--	668	632
Massachusetts	NM	702	--	NM	163	NM	522	4	5	3	12
New Hampshire	NM	1,167	--	NM	295	NM	868	--	--	NM	4
Rhode Island	NM	4	--	--	--	NM	4	--	--	--	--
Vermont	NM	573	--	NM	354	NM	218	--	--	NM	1
Middle Atlantic	26,641	25,042	6.4	21,143	20,061	5,432	4,926	3	3	63	51
New Jersey	NM	19	--	--	--	NM	19	--	--	--	--
New York	24,346	23,102	5.4	20,109	19,137	NM	3,911	3	3	63	51
Pennsylvania	NM	1,920	--	NM	924	NM	997	--	--	--	--
East North Central	3,733	3,476	7.4	NM	3,100	NM	186	1	1	NM	189
Illinois	NM	142	--	NM	63	NM	79	--	--	--	--
Indiana	NM	420	--	NM	420	--	--	--	--	--	--
Michigan	NM	1,126	--	NM	1,017	NM	86	--	--	NM	23
Ohio	NM	385	--	NM	385	--	--	--	--	--	--
Wisconsin	NM	1,403	--	NM	1,215	NM	21	1	1	NM	166
West North Central	7,445	6,824	9.1	7,314	6,681	NM	58	--	--	72	84
Iowa	NM	884	--	NM	883	6	*	--	--	--	--
Kansas	NM	10	--	--	--	NM	10	--	--	--	--
Minnesota	NM	578	--	NM	446	NM	48	--	--	72	84
Missouri	1,942	1,176	65.1	1,942	1,176	--	--	--	--	--	--
Nebraska	NM	321	--	NM	321	--	--	--	--	--	--
North Dakota	1,147	1,190	-3.7	1,147	1,190	--	--	--	--	--	--
South Dakota	2,487	2,665	-6.7	2,487	2,665	--	--	--	--	--	--
South Atlantic	11,058	10,324	7.1	7,913	7,779	NM	2,108	9	8	585	430
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	NM	143	--	NM	143	--	--	--	--	--	--
Georgia	2,346	2,117	10.8	2,320	2,098	NM	1	--	--	NM	18
Maryland	1,691	1,414	19.6	--	--	1,691	1,414	--	--	--	--
North Carolina	3,039	2,867	6.0	2,447	2,581	NM	278	7	7	175	2
South Carolina	NM	1,484	--	NM	1,453	NM	30	1	1	--	--
Virginia	NM	1,184	--	NM	1,122	NM	56	--	--	6	6
West Virginia	NM	1,115	--	NM	383	NM	328	--	--	383	403
East South Central	13,002	10,220	27.2	12,778	10,218	--	2	--	--	223	--
Alabama	5,371	3,969	35.3	5,371	3,969	--	--	--	--	--	--
Kentucky	1,895	1,522	24.5	1,895	1,520	--	2	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	5,736	4,729	21.3	5,513	4,729	--	--	--	--	223	--
West South Central	9,271	8,355	11.0	8,224	7,532	1,047	823	--	--	--	--
Arkansas	4,362	3,039	43.5	4,362	3,039	--	1	--	--	--	--
Louisiana	1,008	775	30.1	--	--	1,008	775	--	--	--	--
Oklahoma	2,794	2,920	-4.3	2,794	2,920	--	--	--	--	--	--
Texas	NM	1,621	--	NM	1,573	NM	47	--	--	--	--
Mountain	29,771	28,210	5.5	26,036	24,420	3,735	3,789	--	--	--	--
Arizona	6,827	6,038	13.1	6,827	6,038	--	--	--	--	--	--
Colorado	1,663	1,633	1.9	1,540	1,535	NM	98	--	--	--	--
Idaho	9,055	8,556	5.8	8,366	7,926	NM	629	--	--	--	--
Montana	8,858	8,536	3.8	5,942	5,480	2,915	3,056	--	--	--	--
Nevada	1,647	1,979	-16.8	1,647	1,979	--	--	--	--	--	--
New Mexico	NM	250	--	NM	250	--	--	--	--	--	--
Utah	NM	510	--	NM	504	NM	5	--	--	--	--
Wyoming	NM	709	--	NM	709	--	--	--	--	--	--
Pacific Contiguous	133,419	129,290	3.2	132,228	128,510	1,141	724	49	53	NM	2
California	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM
Oregon	30,747	30,660	.3	30,535	30,460	NM	201	--	--	--	--
Washington	70,283	72,755	-3.4	70,094	72,558	NM	155	41	40	NM	2
Pacific Noncontiguous	1,090	1,272	-14.3	1,018	1,209	NM	32	--	--	NM	30
Alaska	1,001	1,198	-16.4	1,001	1,198	--	--	--	--	--	--
Hawaii	NM	74	--	NM	12	NM	32	--	--	NM	30
U.S. Total	243,220	229,168	6.1	221,210	210,349	20,094	17,314	66	70	1,850	1,436

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.14.A. Net Generation from Other Renewables by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	679	670	1.3	62	59	444	427	11	11	162	173
Connecticut	66	60	11.0	--	--	66	60	--	--	--	--
Maine	349	340	2.7	--	--	178	158	NM	9	162	172
Massachusetts	112	113	-9	--	--	109	110	NM	2	--	--
New Hampshire	103	100	2.8	40	30	63	71	--	--	NM	*
Rhode Island	11	14	-16.8	--	--	11	14	--	--	--	--
Vermont	38	44	-14.5	22	29	NM	15	--	--	NM	--
Middle Atlantic	570	518	10.1	--	--	486	450	20	23	64	45
New Jersey	76	66	14.1	--	--	76	66	NM	*	NM	--
New York	284	240	18.4	--	--	252	209	11	13	21	18
Pennsylvania	210	211	-6	--	--	158	174	10	10	43	27
East North Central	746	515	44.8	81	47	510	309	10	14	145	144
Illinois	259	142	82.4	NM	2	258	140	NM	*	--	--
Indiana	60	18	238.5	13	15	43	--	NM	1	NM	2
Michigan	202	200	.8	--	*	140	128	7	12	54	60
Ohio	39	32	21.4	NM	2	NM	3	--	--	33	27
Wisconsin	186	123	51.2	65	28	64	38	NM	1	56	56
West North Central	1,168	912	28.0	237	247	890	624	NM	4	37	38
Iowa	362	308	17.4	NM	165	206	141	NM	2	1	--
Kansas	172	103	66.4	39	26	133	77	--	--	--	--
Minnesota	460	399	15.3	20	29	405	333	NM	1	34	36
Missouri	NM	2	--	NM	2	11	--	--	--	NM	1
Nebraska	NM	25	--	23	24	NM	*	NM	1	--	--
North Dakota	NM	62	--	NM	1	124	60	--	--	NM	1
South Dakota	12	13	-11.9	NM	1	11	13	--	--	--	--
South Atlantic	1,243	1,238	.4	90	82	363	320	27	26	763	809
Delaware	10	4	160.1	--	--	10	4	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	318	359	-11.3	9	6	166	188	NM	3	141	162
Georgia	254	279	-8.8	--	--	NM	1	--	--	253	278
Maryland	46	44	5.2	--	--	26	24	NM	2	16	18
North Carolina	174	141	23.3	--	--	56	44	--	--	118	97
South Carolina	154	171	-9.8	38	37	--	--	NM	3	113	131
Virginia	219	221	-1.0	43	40	36	40	17	17	122	124
West Virginia	67	19	251.3	*	--	68	19	--	--	--	--
East South Central	464	559	-17.0	7	5	17	25	--	--	439	530
Alabama	279	314	-11.1	--	--	11	17	--	--	268	297
Kentucky	27	38	-27.9	7	5	--	--	--	--	20	33
Mississippi	118	119	-7	--	--	--	--	--	--	118	119
Tennessee	39	88	-55.5	NM	*	NM	7	--	--	33	81
West South Central	1,942	1,645	18.1	38	31	1,464	1,123	NM	5	437	486
Arkansas	133	142	-6.2	--	--	NM	3	NM	*	130	139
Louisiana	NM	249	--	--	--	6	7	--	--	NM	241
Oklahoma	NM	187	--	38	31	164	128	--	--	NM	28
Texas	NM	1,067	--	NM	*	1,291	985	NM	5	NM	78
Mountain	818	672	21.6	NM	27	737	595	NM	3	43	48
Arizona	13	3	323.0	NM	3	11	--	NM	*	--	--
Colorado	NM	224	--	7	6	NM	218	--	--	--	--
Idaho	61	62	-1.3	--	--	24	23	--	--	37	39
Montana	61	46	32.4	--	--	55	37	--	--	NM	9
Nevada	118	107	10.5	--	--	118	107	--	--	--	--
New Mexico	NM	121	--	--	--	NM	121	--	--	--	--
Utah	NM	19	--	25	17	NM	1	NM	2	--	--
Wyoming	106	90	17.4	NM	2	104	88	--	--	--	--
Pacific Contiguous	2,406	2,240	7.4	292	280	1,928	1,745	34	38	152	177
California	1,896	1,744	8.7	114	107	1,689	1,539	34	36	NM	63
Oregon	188	182	3.8	34	17	106	102	--	3	49	59
Washington	322	314	2.5	144	156	133	104	--	--	45	54
Pacific Noncontiguous ..	56	59	-5.3	NM	*	39	40	15	17	NM	2
Alaska	NM	1	--	NM	--	--	*	--	--	NM	1
Hawaii	55	58	-5.4	*	*	39	40	15	17	NM	1
U.S. Total	10,092	9,029	11.8	844	779	6,878	5,658	127	141	2,244	2,451

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other renewables include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.14.B. Net Generation from Other Renewables by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers		2008	2007	2008	2007
	2008	2007	Percent Change	2008	2007	2008	2007				
New England	7,238	7,213	.4	595	552	4,709	4,745	136	113	1,799	1,802
Connecticut	743	670	10.9	1	--	742	670	--	--	--	--
Maine	3,757	3,825	-1.8	--	--	1,878	1,934	95	89	1,783	1,801
Massachusetts	1,201	1,128	6.5	--	--	1,161	1,104	NM	24	--	--
New Hampshire	1,011	1,022	-1.0	351	282	650	740	--	--	NM	*
Rhode Island	129	141	-8.8	--	--	129	141	--	--	--	--
Vermont	397	427	-7.0	243	271	NM	156	--	--	NM	--
Middle Atlantic	6,009	5,608	7.2	--	--	5,161	4,774	226	225	622	608
New Jersey	863	764	12.9	--	--	860	764	NM	*	NM	*
New York	2,863	2,531	13.1	--	--	2,521	2,207	125	120	217	204
Pennsylvania	2,283	2,313	-1.3	--	--	1,780	1,803	101	106	402	404
East North Central	5,751	5,184	10.9	530	462	3,551	2,992	155	186	1,515	1,545
Illinois	1,555	1,130	37.6	NM	18	1,543	1,112	NM	1	1	--
Indiana	288	215	33.8	152	176	80	--	NM	18	NM	21
Michigan	2,201	2,221	-9	--	*	1,474	1,445	122	157	605	619
Ohio	368	397	-7.3	NM	13	NM	39	--	--	299	345
Wisconsin	1,339	1,221	9.7	349	254	403	397	NM	10	574	560
West North Central	9,831	8,307	18.4	2,270	2,260	7,033	5,541	57	46	472	460
Iowa	2,735	2,700	1.3	NM	1,438	1,292	1,236	NM	26	7	--
Kansas	1,519	1,062	43.0	380	278	1,139	784	--	--	--	--
Minnesota	4,146	3,563	16.4	236	272	3,457	2,841	NM	9	443	441
Missouri	145	27	437.7	16	20	120	--	--	--	NM	7
Nebraska	236	254	-7.3	221	241	NM	3	NM	11	--	--
North Dakota	942	560	68.2	NM	7	921	541	--	--	NM	12
South Dakota	109	140	-22.1	NM	5	101	136	--	--	--	--
South Atlantic	13,621	13,466	1.2	882	892	3,754	3,671	301	298	8,685	8,605
Delaware	102	44	133.7	--	--	102	44	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	3,991	3,900	2.3	81	67	2,105	2,185	NM	35	1,768	1,613
Georgia	2,880	3,109	-7.4	--	--	NM	12	--	--	2,867	3,097
Maryland	550	562	-2.1	--	--	340	359	NM	26	166	177
North Carolina	1,706	1,529	11.5	--	--	482	474	--	--	1,224	1,056
South Carolina	1,670	1,839	-9.2	NM	409	--	--	NM	34	1,292	1,396
Virginia	2,404	2,338	2.8	463	417	391	452	181	203	1,368	1,267
West Virginia	319	145	119.4	*	--	319	145	--	--	--	--
East South Central	5,557	6,161	-9.8	83	85	224	250	--	--	5,250	5,826
Alabama	3,405	3,488	-2.4	--	--	160	192	--	--	3,245	3,296
Kentucky	408	421	-3.0	80	83	--	--	--	--	328	337
Mississippi	1,384	1,361	1.6	*	--	--	--	--	--	1,384	1,361
Tennessee	360	891	-59.7	NM	2	NM	59	--	--	293	831
West South Central	18,969	15,313	23.9	390	336	13,408	9,735	NM	36	5,129	5,206
Arkansas	1,488	1,487	.0	--	--	NM	35	NM	2	1,441	1,450
Louisiana	2,613	2,719	-3.9	--	--	72	68	--	--	2,541	2,651
Oklahoma	NM	1,967	--	387	335	1,598	1,378	--	--	NM	254
Texas	12,602	9,140	37.9	NM	1	11,695	8,254	NM	34	865	851
Mountain	7,736	5,527	40.0	NM	245	6,958	4,784	NM	27	417	471
Arizona	48	38	24.3	NM	34	11	--	NM	4	--	--
Colorado	NM	1,100	--	63	53	NM	1,047	--	--	--	--
Idaho	601	598	.5	--	--	250	227	--	--	351	371
Montana	533	529	.8	--	--	468	430	--	--	NM	100
Nevada	1,421	1,187	19.7	--	--	1,421	1,187	--	--	--	--
New Mexico	NM	1,247	--	--	--	NM	1,247	--	--	--	--
Utah	245	171	42.9	229	143	NM	5	NM	23	--	--
Wyoming	724	656	10.4	NM	15	703	641	--	--	--	--
Pacific Contiguous	29,903	28,207	6.0	3,299	3,299	24,431	22,607	406	395	1,766	1,905
California	23,383	23,024	1.6	1,329	1,248	20,961	20,588	406	384	NM	804
Oregon	2,693	1,942	38.7	453	306	1,687	1,041	--	11	553	584
Washington	3,826	3,240	18.1	1,516	1,745	1,783	978	--	--	527	517
Pacific Noncontiguous ..	669	699	-4.4	NM	*	476	531	168	153	NM	15
Alaska	NM	10	--	NM	--	--	1	--	*	NM	9
Hawaii	654	689	-5.1	*	*	476	530	168	153	NM	6
U.S. Total	105,284	95,685	10.0	8,402	8,132	69,704	59,631	1,505	1,479	25,673	26,443

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other renewables include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	-43	-51	16.2	--	--	-43	-51	--	--	--	--
Connecticut	*	*	107.0	--	--	*	*	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	-43	-51	15.6	--	--	-43	-51	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	-141	-147	4.0	-81	-85	-60	-61	--	--	--	--
New Jersey	-20	-20	.0	-20	-20	--	--	--	--	--	--
New York	-61	-65	6.4	-61	-65	--	--	--	--	--	--
Pennsylvania	-60	-61	2.8	--	--	-60	-61	--	--	--	--
East North Central	-60	-91	33.6	-60	-91	--	--	--	--	--	--
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	-60	-91	33.6	-60	-91	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	13	6	112.9	13	6	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	13	6	112.9	13	6	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	-135	-237	43.2	-135	-237	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--	--	--
Georgia	9	-35	125.8	9	-35	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	-11	--	--	-11	--	--	--	--	--	--	--
South Carolina	-61	-97	37.3	-61	-97	--	--	--	--	--	--
Virginia	-72	-105	31.4	-72	-105	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	-62	-51	-21.0	-62	-51	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	-62	-51	-21.0	-62	-51	--	--	--	--	--	--
West South Central	-5	-13	61.2	-5	-13	--	--	--	--	--	--
Arkansas	1	1	62.4	1	1	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--	--	--
Oklahoma	-6	-14	54.5	-6	-14	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	-21	-2	-969.0	-21	-2	--	--	--	--	--	--
Arizona	-1	*	NM	-1	*	--	--	--	--	--	--
Colorado	-20	-2	-939.6	-20	-2	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	-38	-75	50.1	-38	-75	--	--	--	--	--	--
California	-47	-85	44.1	-47	-85	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	10	10	2.2	10	10	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	-492	-662	25.6	-390	-549	-103	-113	--	--	--	--

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	-751	-784	4.2	--	--	-751	-784	--	--	--	--
Connecticut	1	-14	106.4	--	--	1	-14	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	-752	-770	2.3	--	--	-752	-770	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	-1,174	-1,602	26.7	-878	-951	-297	-651	--	--	--	--
New Jersey	-256	-248	-3.2	-256	-248	--	--	--	--	--	--
New York	-622	-703	11.6	-622	-703	--	--	--	--	--	--
Pennsylvania	-297	-651	54.4	--	--	-297	-651	--	--	--	--
East North Central	-855	-1,036	17.5	-855	-1,036	--	--	--	--	--	--
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	-855	-1,036	17.5	-855	-1,036	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	533	382	39.5	533	382	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	533	382	39.5	533	382	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	-2,465	-2,883	14.5	-2,465	-2,883	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--	--	--
Georgia	346	-417	182.8	346	-417	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	-113	137	-182.5	-113	137	--	--	--	--	--	--
South Carolina	-1,181	-1,095	-7.9	-1,181	-1,095	--	--	--	--	--	--
Virginia	-1,516	-1,508	-5	-1,516	-1,508	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	-1,206	-667	-81.0	-1,206	-667	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	-1,206	-667	-81.0	-1,206	-667	--	--	--	--	--	--
West South Central	13	-128	110.0	13	-128	--	--	--	--	--	--
Arkansas	45	29	52.6	45	29	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--	--	--
Oklahoma	-32	-157	79.8	-32	-157	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	-133	-35	-276.9	-133	-35	--	--	--	--	--	--
Arizona	99	125	-21.2	99	125	--	--	--	--	--	--
Colorado	-231	-161	-44.1	-231	-161	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	380	422	-9.8	380	422	--	--	--	--	--	--
California	343	401	-14.4	343	401	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	37	20	82.8	37	20	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	-5,657	-6,331	10.6	-4,609	-4,897	-1,047	-1,434	--	--	--	--

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.16.A. Net Generation from Other Energy Sources by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	162	154	5.1	--	--	150	140	7	6	6	7
Connecticut	61	56	8.6	--	--	60	55	--	--	NM	1
Maine	29	26	11.3	--	--	17	13	7	6	5	6
Massachusetts	67	67	-1	--	--	67	67	--	--	--	--
New Hampshire	5	5	4.1	--	--	5	5	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	178	184	-3.1	--	--	163	166	15	18	NM	--
New Jersey	41	38	5.6	--	--	41	38	--	--	NM	--
New York	85	76	11.4	--	--	77	66	8	10	--	--
Pennsylvania	53	69	-23.9	--	--	45	61	8	8	--	--
East North Central	51	65	-21.3	5	9	12	11	7	11	28	34
Illinois	NM	2	--	--	--	NM	--	--	--	*	2
Indiana	28	31	-12.1	--	--	--	--	NM	1	26	30
Michigan	18	24	-25.5	1	4	12	11	5	9	--	--
Ohio	1	*	92.2	--	--	--	--	--	--	1	*
Wisconsin	4	7	-42.8	4	5	--	--	NM	--	*	2
West North Central	26	33	-22.4	15	18	8	9	NM	1	NM	5
Iowa	NM	1	--	NM	1	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	22	31	-27.7	12	16	8	9	NM	1	NM	5
Missouri	1	1	-13.2	1	1	--	--	*	*	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	*	--	--	*	--	--	--	--	--	--
South Dakota	2	--	--	2	--	--	--	--	--	--	--
South Atlantic	188	360	-47.9	--	--	142	146	16	16	30	198
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	116	260	-55.6	--	--	97	102	--	--	19	159
Georgia	7	8	-11.8	--	--	--	--	--	--	7	8
Maryland	20	18	13.7	--	--	20	18	NM	--	--	--
North Carolina	1	27	-95.0	--	--	NM	5	--	--	--	22
South Carolina	7	8	-21.6	--	--	--	--	NM	2	4	6
Virginia	37	38	-3.6	--	--	23	22	13	14	--	2
West Virginia	--	*	--	--	--	--	--	--	--	--	--
East South Central	NM	2	--	--	1	NM	--	--	--	NM	1
Alabama	NM	*	--	--	--	NM	--	--	--	NM	*
Kentucky	--	1	--	--	1	--	--	--	--	--	--
Mississippi	NM	1	--	--	--	NM	--	--	--	NM	1
Tennessee	*	*	-38.6	--	--	--	--	--	--	*	*
West South Central	60	99	-40.1	18	15	--	1	--	--	42	84
Arkansas	NM	*	--	--	--	--	--	--	--	NM	*
Louisiana	24	46	-47.0	--	--	--	--	--	--	24	46
Oklahoma	--	1	--	--	--	--	--	--	--	--	1
Texas	33	52	-37.3	18	15	--	1	--	--	15	36
Mountain	NM	18	--	--	--	NM	*	--	--	14	17
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	NM	3	--	--	--	--	--	--	--	NM	3
Idaho	NM	7	--	--	--	--	--	--	--	NM	7
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	*	--	--	--	NM	*	--	--	14	--
Wyoming	NM	7	--	--	--	--	--	--	--	NM	7
Pacific Contiguous	44	37	17.6	--	--	24	26	--	*	20	11
California	36	28	25.5	--	--	15	17	--	*	20	11
Oregon	NM	3	--	--	--	NM	3	--	--	--	--
Washington	5	6	-6.9	--	--	5	6	--	--	--	--
Pacific Noncontiguous ..	13	15	-12.6	--	--	1	1	12	14	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	13	15	-12.6	--	--	1	1	12	14	--	--
U.S. Total	736	967	-23.9	37	42	499	503	58	65	142	357

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other".

Biogenic municipal solid waste is included in "Other Renewables." • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other energy sources include non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 1.16.B. Net Generation from Other Energy Sources by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers		2008	2007	2008	2007
	2008	2007	Percent Change	2008	2007	2008	2007				
New England	1,757	1,689	4.0	--	--	1,637	1,558	NM	70	NM	61
Connecticut	666	663	.4	--	--	655	651	--	--	NM	12
Maine	321	292	10.1	--	--	211	173	NM	70	38	49
Massachusetts	713	681	4.7	--	--	713	681	--	--	--	--
New Hampshire	58	54	6.9	--	--	58	54	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	2,064	1,974	4.5	--	--	1,893	1,797	171	177	NM	--
New Jersey	459	443	3.6	--	--	459	443	--	--	NM	--
New York	895	859	4.3	--	--	804	765	NM	94	--	--
Pennsylvania	709	672	5.5	--	--	630	589	79	83	--	--
East North Central	685	753	-9.0	69	103	132	123	109	139	375	388
Illinois	16	20	-16.9	--	--	6	1	--	--	10	18
Indiana	334	357	-6.4	--	--	--	--	NM	14	320	343
Michigan	249	281	-11.5	31	37	125	122	93	122	--	--
Ohio	12	3	350.3	--	--	--	--	--	--	12	3
Wisconsin	74	93	-20.4	38	65	--	--	NM	2	33	25
West North Central	343	343	.2	187	192	93	90	NM	11	NM	50
Iowa	NM	11	--	NM	11	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	289	297	-2.7	136	150	93	90	NM	7	NM	50
Missouri	17	34	-51.4	13	31	--	--	3	4	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	1	--	--	1	--	--	--	--	--	--
South Dakota	30	*	NM	30	*	--	--	--	--	--	--
South Atlantic	2,716	4,144	-34.5	2	*	1,727	1,765	167	186	821	2,193
Delaware	11	--	--	--	--	--	--	--	--	11	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,760	2,935	-40.0	--	--	1,123	1,156	--	--	637	1,778
Georgia	114	107	7.0	--	--	22	--	--	--	92	107
Maryland	264	268	-1.4	--	--	263	268	NM	--	--	--
North Carolina	NM	312	--	--	--	NM	90	--	--	19	222
South Carolina	91	88	2.8	--	--	--	--	NM	26	62	62
Virginia	387	434	-10.9	--	--	249	251	138	159	--	24
West Virginia	2	*	343.8	2	*	--	--	--	--	--	*
East South Central	NM	27	--	8	15	NM	--	--	--	NM	12
Alabama	NM	3	--	--	--	NM	--	--	--	NM	3
Kentucky	8	15	-48.6	8	15	--	--	--	--	--	--
Mississippi	NM	6	--	--	--	NM	--	--	--	NM	6
Tennessee	8	2	239.7	--	--	--	--	--	--	8	2
West South Central	1,314	1,417	-7.3	220	207	152	12	--	--	941	1,199
Arkansas	NM	16	--	--	--	--	--	--	--	NM	16
Louisiana	465	636	-27.0	--	--	--	--	--	--	465	636
Oklahoma	--	24	--	--	--	--	--	--	--	--	24
Texas	813	742	9.6	220	207	152	12	--	--	440	523
Mountain	NM	168	--	--	--	NM	4	--	--	135	163
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	NM	38	--	--	--	--	--	--	--	NM	38
Idaho	NM	63	--	--	--	--	--	--	--	NM	63
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	4	--	--	--	NM	4	--	--	125	--
Wyoming	NM	63	--	--	--	--	--	--	--	NM	63
Pacific Contiguous	474	477	-.5	--	--	284	281	--	1	191	195
California	379	385	-1.5	--	--	189	189	--	1	191	195
Oregon	NM	35	--	--	--	NM	35	--	--	--	--
Washington	62	57	8.5	--	--	62	57	--	--	--	--
Pacific Noncontiguous ..	190	135	41.0	41	--	NM	15	132	120	--	--
Alaska	41	--	--	41	--	--	--	--	--	--	--
Hawaii	149	135	10.6	--	--	NM	15	132	120	--	--
U.S. Total	9,763	11,128	-12.3	527	517	5,993	5,646	683	703	2,560	4,262

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in "Other". Biogenic municipal solid waste is included in "Other Renewables." • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other energy sources include non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Chapter 2. Consumption of Fossil Fuels

Table 2.1.A. Coal: Consumption for Electricity Generation by Sector, 1994 through November 2008
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994	848,796	817,270	18,844	404	12,279
1995	860,594	829,007	18,847	569	12,171
1996	907,209	874,681	19,719	656	12,153
1997	931,949	900,361	18,648	630	12,311
1998	946,295	910,867	23,259	440	11,728
1999	949,802	894,120	43,768	481	11,432
2000	994,933	859,335	123,378	514	11,706
2001	972,691	806,269	155,254	532	10,636
2002	987,583	767,803	207,448	477	11,855
2003	1,014,058	757,384	245,652	582	10,440
2004	1,020,523	772,224	240,235	377	7,687
2005	1,041,448	761,349	272,218	377	7,504
2006					
January	87,623	63,248	23,727	32	616
February	81,312	59,205	21,525	30	552
March	82,816	59,892	22,283	27	614
April	72,931	53,692	18,594	24	620
May	80,865	60,269	19,943	26	626
June	87,668	64,900	22,097	30	642
July	97,472	71,401	25,366	33	672
August	98,555	72,173	25,670	33	680
September	84,668	62,105	21,923	27	613
October	84,086	60,911	22,515	26	634
November	82,548	59,841	22,110	29	568
December	90,011	65,753	23,657	31	571
Total	1,030,556	753,390	269,412	347	7,408
2007					
January	91,776	67,154	24,190	32	400
February	84,100	61,339	22,358	32	371
March	81,932	59,368	22,091	31	442
April	75,918	54,851	20,620	27	420
May	81,309	60,332	20,509	28	441
June	89,846	65,749	23,632	29	436
July	96,727	70,772	25,471	30	454
August	99,245	72,670	26,081	33	462
September	88,089	64,492	23,133	30	433
October	83,995	61,024	22,491	28	452
November	82,495	60,509	21,573	30	383
December	91,363	66,504	24,433	31	395
Total	1,046,795	764,765	276,581	361	5,089
2008					
January	94,185	68,575	24,945	53	612
February	86,377	62,634	23,212	50	480
March	83,143	59,576	22,862	41	664
April	77,293	56,674	19,906	44	669
May	82,141	61,413	19,952	46	730
June	89,895	65,635	23,538	33	689
July	98,434	71,929	25,734	37	734
August	95,936	70,194	25,024	35	683
September	86,173	62,579	22,892	33	669
October	80,843	57,572	22,520	29	721
November	81,383	58,641	22,148	30	564
Total	955,801	695,421	252,735	430	7,215
Year-to-Date					
2006	940,545	687,638	245,754	316	6,837
2007	955,432	698,261	252,148	330	4,693
2008	955,801	695,421	252,735	430	7,215
Rolling 12 Months Ending in November					
2007	1,045,443	764,013	275,806	360	5,264
2008	1,047,165	761,925	277,168	461	7,610

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.1.B. Coal: Consumption for Useful Thermal Output by Sector, 1994 through November 2008
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994	20,609	--	2,241	940	17,428
1995	20,418	--	2,376	850	17,192
1996	20,806	--	2,520	1,005	17,281
1997	21,005	--	2,355	1,108	17,542
1998	20,320	--	2,493	1,002	16,824
1999	20,373	--	3,033	1,009	16,330
2000	20,466	--	3,107	1,034	16,325
2001	18,944	--	2,910	916	15,119
2002	17,676	--	2,255	971	14,450
2003	17,720	--	2,080	1,234	14,406
2004	24,275	--	3,809	1,540	18,926
2005	23,833	--	3,918	1,544	18,371
2006					
January	2,097	--	342	154	1,603
February	1,924	--	313	139	1,471
March	1,968	--	324	143	1,501
April	1,812	--	273	110	1,430
May	1,848	--	302	113	1,433
June	1,902	--	322	117	1,462
July	2,006	--	346	130	1,530
August	1,993	--	341	129	1,523
September	1,857	--	299	111	1,448
October	1,848	--	298	111	1,439
November	1,923	--	342	130	1,452
December	2,049	--	332	152	1,565
Total	23,227	--	3,834	1,539	17,854
2007					
January	2,104	--	342	159	1,603
February	1,988	--	329	154	1,506
March	1,998	--	344	140	1,513
April	1,829	--	280	119	1,430
May	1,831	--	300	115	1,416
June	1,836	--	318	108	1,409
July	1,841	--	306	121	1,414
August	1,915	--	335	129	1,451
September	1,744	--	297	115	1,332
October	1,787	--	295	114	1,378
November	1,898	--	311	139	1,447
December	2,041	--	339	152	1,550
Total	22,810	--	3,795	1,566	17,449
2008					
January	1,809	--	337	144	1,328
February	1,923	--	330	135	1,458
March	1,793	--	390	142	1,261
April	1,722	--	365	116	1,241
May	1,782	--	374	118	1,290
June	1,789	--	373	155	1,262
July	1,824	--	371	146	1,307
August	1,763	--	325	153	1,285
September	1,831	--	371	141	1,319
October	1,796	--	382	135	1,280
November	1,839	--	345	149	1,344
Total	19,872	--	3,963	1,535	14,375
Year-to-Date					
2006	21,178	--	3,502	1,387	16,289
2007	20,769	--	3,457	1,414	15,899
2008	19,872	--	3,963	1,535	14,375
Rolling 12 Months Ending in November					
2007	22,819	--	3,788	1,566	17,464
2008	21,912	--	4,301	1,687	15,924

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.1.C. Coal: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1994 through November 2008
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	869,405	817,270	21,085	1,344	29,707
1995.....	881,012	829,007	21,224	1,419	29,363
1996.....	928,015	874,681	22,239	1,660	29,434
1997.....	952,955	900,361	21,003	1,738	29,853
1998.....	966,615	910,867	25,752	1,443	28,553
1999.....	970,175	894,120	46,801	1,490	27,763
2000.....	1,015,398	859,335	126,486	1,547	28,031
2001.....	991,635	806,269	158,163	1,448	25,755
2002.....	1,005,144	767,803	209,703	1,405	26,232
2003.....	1,031,778	757,384	247,732	1,816	24,846
2004.....	1,044,798	772,224	244,044	1,917	26,613
2005.....	1,065,281	761,349	276,135	1,922	25,875
2006					
January.....	89,720	63,248	24,069	186	2,217
February.....	83,236	59,205	21,838	169	2,024
March.....	84,783	59,892	22,607	170	2,115
April.....	74,743	53,692	18,868	134	2,050
May.....	82,713	60,269	20,245	139	2,059
June.....	89,570	64,900	22,419	147	2,104
July.....	99,478	71,401	25,712	163	2,202
August.....	100,548	72,173	26,011	163	2,202
September.....	86,525	62,105	22,222	138	2,061
October.....	85,934	60,911	22,813	136	2,074
November.....	84,472	59,841	22,452	159	2,020
December.....	92,060	65,753	23,989	183	2,136
Total.....	1,053,783	753,390	273,246	1,886	25,262
2007					
January.....	93,880	67,154	24,532	191	2,003
February.....	86,088	61,339	22,687	186	1,876
March.....	83,929	59,368	22,435	171	1,956
April.....	77,747	54,851	20,900	146	1,850
May.....	83,140	60,332	20,808	143	1,857
June.....	91,682	65,749	23,950	137	1,845
July.....	98,568	70,772	25,776	151	1,868
August.....	101,160	72,670	26,416	162	1,912
September.....	89,833	64,492	23,430	145	1,765
October.....	85,782	61,024	22,785	142	1,830
November.....	84,392	60,509	21,884	169	1,830
December.....	93,404	66,504	24,772	183	1,945
Total.....	1,069,606	764,765	280,377	1,927	22,537
2008					
January.....	95,994	68,575	25,281	198	1,940
February.....	88,299	62,634	23,542	185	1,938
March.....	84,936	59,576	23,252	183	1,925
April.....	79,014	56,674	20,271	160	1,910
May.....	83,923	61,413	20,327	163	2,020
June.....	91,684	65,635	23,911	187	1,951
July.....	100,259	71,929	26,106	182	2,041
August.....	97,698	70,194	25,349	188	1,967
September.....	88,004	62,579	23,263	175	1,987
October.....	82,639	57,572	22,902	164	2,000
November.....	83,221	58,641	22,494	179	1,908
Total.....	975,673	695,421	256,698	1,965	21,589
Year-to-Date					
2006.....	961,723	687,638	249,257	1,703	23,126
2007.....	976,201	698,261	255,605	1,743	20,592
2008.....	975,673	695,421	256,698	1,965	21,589
Rolling 12 Months Ending in November					
2007.....	1,068,262	764,013	279,594	1,927	22,728
2008.....	1,069,077	761,925	281,469	2,148	23,534

Notes: • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.2.A. Petroleum Liquids: Consumption for Electricity Generation by Sector, 1994 through November 2008
(Thousand Barrels)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	168,520	151,004	7,101	690	9,725
1995.....	115,802	102,150	5,253	645	7,755
1996.....	128,019	113,274	4,560	639	9,546
1997.....	139,286	125,146	6,053	784	7,304
1998.....	198,339	178,614	10,838	795	8,092
1999.....	185,111	143,830	32,479	927	7,875
2000.....	176,506	120,129	48,043	816	7,518
2001.....	197,316	126,367	62,211	991	7,746
2002.....	134,415	88,595	39,035	826	5,959
2003.....	175,136	105,319	61,420	882	7,514
2004.....	165,107	103,793	56,342	760	4,212
2005.....	165,137	98,223	62,154	580	4,180
2006					
January.....	6,875	4,753	1,797	36	290
February.....	5,447	3,642	1,506	38	260
March.....	3,923	2,791	838	40	254
April.....	4,823	3,864	726	29	204
May.....	4,732	3,622	867	24	219
June.....	6,770	5,149	1,393	23	205
July.....	8,712	5,736	2,734	27	216
August.....	11,173	8,003	2,897	25	247
September.....	5,080	3,912	930	18	219
October.....	5,640	4,257	1,190	16	177
November.....	5,502	4,143	1,115	21	223
December.....	5,145	3,658	1,185	30	271
Total.....	73,821	53,529	17,179	327	2,786
2007					
January.....	7,422	4,327	2,799	37	260
February.....	12,586	6,561	5,689	50	285
March.....	6,894	4,187	2,406	33	267
April.....	6,256	4,682	1,284	22	268
May.....	5,759	4,530	970	15	243
June.....	7,023	5,166	1,651	16	190
July.....	6,962	5,337	1,442	12	171
August.....	9,572	7,312	2,059	19	182
September.....	6,021	4,723	1,153	10	135
October.....	5,913	4,739	1,010	9	155
November.....	3,302	2,501	657	8	137
December.....	4,724	2,845	1,674	19	186
Total.....	82,433	56,910	22,793	250	2,480
2008					
January.....	5,370	3,249	1,851	21	250
February.....	4,176	2,626	1,269	16	266
March.....	3,533	2,406	923	11	193
April.....	3,700	2,835	734	8	123
May.....	3,910	3,043	741	9	116
June.....	6,600	4,629	1,792	20	159
July.....	5,230	3,652	1,396	18	164
August.....	4,374	3,383	843	12	137
September.....	5,052	3,980	851	12	209
October.....	3,231	2,509	602	9	112
November.....	3,625	2,685	792	12	135
Total.....	48,802	34,997	11,794	148	1,863
Year-to-Date					
2006.....	68,676	49,871	15,993	297	2,514
2007.....	77,709	54,065	21,120	231	2,294
2008.....	48,802	34,997	11,794	148	1,863
Rolling 12 Months Ending in November					
2007.....	82,854	57,723	22,305	261	2,565
2008.....	53,526	37,842	13,467	167	2,049

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.2.B. Petroleum Liquids: Consumption for Useful Thermal Output by Sector, 1994 through November 2008
(Thousand Barrels)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	22,243	--	1,500	913	19,831
1995.....	19,386	--	1,672	580	17,134
1996.....	21,500	--	1,550	588	19,363
1997.....	18,756	--	1,611	779	16,366
1998.....	22,164	--	806	992	20,366
1999.....	19,636	--	785	666	18,184
2000.....	17,644	--	812	771	16,061
2001.....	14,963	--	576	809	13,577
2002.....	12,452	--	286	555	11,612
2003.....	14,124	--	1,197	512	12,414
2004.....	20,654	--	1,501	1,203	17,951
2005.....	20,494	--	1,392	1,004	18,097
2006					
January.....	1,625	--	91	85	1,449
February.....	1,412	--	97	93	1,223
March.....	1,397	--	132	79	1,185
April.....	1,082	--	49	48	985
May.....	1,049	--	96	27	926
June.....	935	--	86	28	821
July.....	990	--	108	27	854
August.....	1,046	--	110	25	912
September.....	996	--	89	25	882
October.....	940	--	94	21	825
November.....	1,175	--	100	36	1,039
December.....	1,431	--	103	66	1,262
Total.....	14,077	--	1,153	559	12,365
2007					
January.....	1,537	--	113	69	1,354
February.....	2,017	--	170	141	1,706
March.....	1,470	--	83	65	1,322
April.....	1,293	--	122	31	1,141
May.....	1,118	--	111	11	995
June.....	963	--	100	21	842
July.....	809	--	93	11	704
August.....	980	--	113	16	851
September.....	750	--	96	10	644
October.....	799	--	107	7	685
November.....	761	--	99	8	653
December.....	966	--	97	50	820
Total.....	13,462	--	1,303	441	11,718
2008					
January.....	749	--	117	37	595
February.....	550	--	84	30	436
March.....	658	--	129	21	508
April.....	479	--	57	12	410
May.....	448	--	22	12	413
June.....	542	--	26	21	494
July.....	560	--	18	23	519
August.....	511	--	20	14	476
September.....	609	--	132	14	463
October.....	418	--	18	14	386
November.....	451	--	31	17	403
Total.....	5,973	--	653	216	5,103
Year-to-Date					
2006.....	12,646	--	1,050	493	11,103
2007.....	12,496	--	1,207	391	10,898
2008.....	5,973	--	653	216	5,103
Rolling 12 Months Ending in November					
2007.....	13,927	--	1,310	457	12,160
2008.....	6,939	--	750	266	5,923

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1994 through November 2008
(Thousand Barrels)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	190,763	151,004	8,601	1,603	29,556
1995.....	135,187	102,150	6,925	1,224	24,889
1996.....	149,519	113,274	6,110	1,227	28,908
1997.....	158,042	125,146	7,664	1,562	23,670
1998.....	220,503	178,614	11,644	1,787	28,458
1999.....	204,747	143,830	33,264	1,593	26,059
2000.....	194,150	120,129	48,855	1,587	23,579
2001.....	212,279	126,367	62,788	1,801	21,323
2002.....	146,642	88,596	39,320	1,210	17,517
2003.....	189,260	105,319	62,617	1,394	19,929
2004.....	185,761	103,793	57,843	1,963	22,162
2005.....	185,631	98,223	63,546	1,584	22,278
2006					
January.....	8,500	4,753	1,888	121	1,739
February.....	6,859	3,642	1,603	131	1,483
March.....	5,320	2,791	970	119	1,439
April.....	5,905	3,864	775	77	1,189
May.....	5,781	3,622	963	51	1,145
June.....	7,705	5,149	1,479	51	1,027
July.....	9,701	5,736	2,842	54	1,070
August.....	12,219	8,003	3,007	50	1,159
September.....	6,076	3,912	1,019	43	1,101
October.....	6,580	4,257	1,284	36	1,002
November.....	6,677	4,143	1,215	57	1,262
December.....	6,576	3,658	1,288	96	1,533
Total.....	87,898	53,529	18,332	886	15,150
2007					
January.....	8,959	4,327	2,912	106	1,614
February.....	14,602	6,561	5,859	192	1,991
March.....	8,364	4,187	2,489	98	1,590
April.....	7,549	4,682	1,406	52	1,408
May.....	6,876	4,530	1,081	26	1,238
June.....	7,986	5,166	1,750	37	1,032
July.....	7,771	5,337	1,535	23	876
August.....	10,552	7,312	2,172	35	1,033
September.....	6,771	4,723	1,249	19	780
October.....	6,711	4,739	1,117	16	840
November.....	4,063	2,501	756	16	790
December.....	5,690	2,845	1,770	69	1,006
Total.....	95,895	56,910	24,097	691	14,198
2008					
January.....	6,119	3,249	1,968	58	845
February.....	4,727	2,626	1,353	46	702
March.....	4,191	2,406	1,052	32	701
April.....	4,178	2,835	791	19	533
May.....	4,357	3,043	763	21	530
June.....	7,142	4,629	1,819	41	653
July.....	5,789	3,652	1,414	42	682
August.....	4,885	3,383	863	26	613
September.....	5,661	3,980	982	26	672
October.....	3,649	2,509	619	23	497
November.....	4,076	2,685	823	29	538
Total.....	54,775	34,997	12,447	364	6,967
Year-to-Date					
2006.....	81,322	49,871	17,044	790	13,617
2007.....	90,204	54,065	22,326	621	13,192
2008.....	54,775	34,997	12,447	364	6,967
Rolling 12 Months Ending in November					
2007.....	96,780	57,723	23,615	718	14,725
2008.....	60,465	37,842	14,217	434	7,973

Notes: • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.3.A. Petroleum Coke: Consumption for Electricity Generation by Sector, 1994 through November 2008
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	3,020	875	1,382	1	762
1995.....	3,355	761	1,691	1	902
1996.....	3,322	681	1,786	1	853
1997.....	4,086	1,400	1,801	1	884
1998.....	4,860	1,769	2,230	1	860
1999.....	4,552	1,608	2,000	1	944
2000.....	3,744	1,132	2,023	1	588
2001.....	3,871	1,418	1,890	6	557
2002.....	6,836	2,125	3,580	2	1,130
2003.....	6,303	2,554	3,166	2	582
2004.....	7,677	4,150	2,985	1	541
2005.....	8,330	4,130	3,746	1	452
2006					
January.....	709	353	315	*	41
February.....	628	341	249	*	38
March.....	596	295	262	*	38
April.....	605	299	269	--	36
May.....	569	272	261	--	37
June.....	634	320	273	--	40
July.....	693	380	274	*	39
August.....	661	342	280	*	40
September.....	594	300	256	*	38
October.....	596	288	277	*	31
November.....	529	209	284	*	36
December.....	549	221	287	*	42
Total.....	7,363	3,619	3,286	1	456
2007					
January.....	585	259	286	*	40
February.....	470	254	177	*	38
March.....	475	255	180	*	40
April.....	466	205	219	*	41
May.....	506	247	213	--	45
June.....	579	278	254	--	47
July.....	519	236	237	--	46
August.....	540	256	237	*	47
September.....	493	230	223	*	40
October.....	446	208	198	*	39
November.....	431	162	223	*	46
December.....	528	218	267	*	43
Total.....	6,036	2,808	2,715	2	512
2008					
January.....	500	207	265	*	28
February.....	465	204	235	*	25
March.....	404	211	169	*	23
April.....	417	162	221	*	34
May.....	397	141	233	--	23
June.....	492	218	243	--	31
July.....	435	191	215	--	28
August.....	461	219	213	--	29
September.....	426	191	208	*	27
October.....	464	196	236	*	32
November.....	407	198	183	*	26
Total.....	4,869	2,139	2,421	1	308
Year-to-Date					
2006.....	6,813	3,398	3,000	1	414
2007.....	5,509	2,590	2,448	1	469
2008.....	4,869	2,139	2,421	1	308
Rolling 12 Months Ending in November					
2007.....	6,058	2,811	2,734	2	511
2008.....	5,397	2,357	2,688	1	351

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

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output by Sector, 1994 through November 2008
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	1,137	--	58	4	1,075
1995.....	1,235	--	222	3	1,010
1996.....	1,275	--	175	3	1,097
1997.....	2,009	--	171	3	1,835
1998.....	1,336	--	103	3	1,230
1999.....	1,437	--	128	3	1,307
2000.....	924	--	120	4	800
2001.....	661	--	119	--	542
2002.....	517	--	111	6	399
2003.....	763	--	80	9	675
2004.....	1,043	--	237	8	798
2005.....	783	--	206	8	568
2006					
January.....	110	--	17	*	93
February.....	104	--	17	1	85
March.....	107	--	18	1	88
April.....	103	--	17	--	87
May.....	99	--	12	--	86
June.....	106	--	16	--	90
July.....	110	--	19	*	90
August.....	101	--	13	1	87
September.....	104	--	17	1	86
October.....	94	--	16	1	77
November.....	101	--	16	1	84
December.....	120	--	18	1	102
Total.....	1,259	--	195	9	1,055
2007					
January.....	101	--	14	1	86
February.....	101	--	11	1	89
March.....	102	--	12	1	89
April.....	99	--	13	1	85
May.....	101	--	14	--	87
June.....	107	--	16	--	92
July.....	117	--	14	--	104
August.....	126	--	12	1	113
September.....	111	--	18	2	91
October.....	95	--	14	2	79
November.....	98	--	13	1	83
December.....	105	--	12	1	92
Total.....	1,262	--	162	11	1,090
2008					
January.....	100	--	11	1	87
February.....	96	--	10	1	85
March.....	129	--	12	1	116
April.....	90	--	15	1	73
May.....	101	--	11	--	89
June.....	94	--	11	--	83
July.....	90	--	10	--	80
August.....	60	--	5	--	55
September.....	64	--	8	*	56
October.....	96	--	13	1	81
November.....	73	--	12	1	60
Total.....	991	--	117	7	866
Year-to-Date					
2006.....	1,139	--	178	8	953
2007.....	1,158	--	150	10	998
2008.....	991	--	117	7	866
Rolling 12 Months Ending in November					
2007.....	1,278	--	168	11	1,100
2008.....	1,096	--	129	8	958

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

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1994 through November 2008
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	4,157	875	1,440	4	1,838
1995.....	4,590	761	1,913	4	1,912
1996.....	4,596	681	1,961	4	1,950
1997.....	6,095	1,400	1,972	4	2,719
1998.....	6,196	1,769	2,333	4	2,090
1999.....	5,989	1,608	2,127	4	2,251
2000.....	4,669	1,132	2,143	6	1,388
2001.....	4,532	1,418	2,009	6	1,099
2002.....	7,353	2,125	3,691	8	1,529
2003.....	7,067	2,554	3,245	11	1,257
2004.....	8,721	4,150	3,223	9	1,339
2005.....	9,113	4,130	3,953	9	1,020
2006					
January.....	819	353	332	*	134
February.....	731	341	267	1	123
March.....	703	295	281	1	126
April.....	708	299	286	--	123
May.....	668	272	273	--	123
June.....	740	320	289	--	130
July.....	803	380	294	*	129
August.....	762	342	293	2	126
September.....	697	300	272	1	124
October.....	690	288	292	2	109
November.....	630	209	299	1	120
December.....	670	221	304	1	143
Total.....	8,622	3,619	3,482	10	1,511
2007					
January.....	686	259	300	1	126
February.....	571	254	188	1	127
March.....	577	255	193	1	129
April.....	564	205	232	1	126
May.....	607	247	227	--	132
June.....	686	278	269	--	139
July.....	636	236	250	--	150
August.....	666	256	249	1	160
September.....	604	230	241	2	131
October.....	541	208	212	2	118
November.....	529	162	236	2	129
December.....	632	218	279	1	135
Total.....	7,299	2,808	2,877	12	1,602
2008					
January.....	599	207	276	1	115
February.....	561	204	245	1	110
March.....	532	211	180	1	139
April.....	507	162	236	1	108
May.....	498	141	244	--	113
June.....	586	218	254	--	114
July.....	525	191	225	--	109
August.....	522	219	218	--	84
September.....	490	191	217	*	83
October.....	560	196	249	2	113
November.....	480	198	195	2	86
Total.....	5,860	2,139	2,538	8	1,174
Year-to-Date					
2006.....	7,952	3,398	3,177	9	1,368
2007.....	6,667	2,590	2,598	11	1,467
2008.....	5,860	2,139	2,538	8	1,174
Rolling 12 Months Ending in November					
2007.....	7,336	2,811	2,902	12	1,610
2008.....	6,492	2,357	2,817	10	1,309

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

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Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.4.A. Natural Gas: Consumption for Electricity Generation by Sector, 1994 through November 2008
(Thousand Mcf)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	4,367,148	2,987,146	771,337	40,828	567,836
1995.....	4,737,871	3,196,507	897,266	42,700	601,397
1996.....	4,312,458	2,732,107	927,703	42,380	610,268
1997.....	4,564,770	2,968,453	934,742	38,975	622,599
1998.....	5,081,384	3,258,054	1,157,759	40,693	624,878
1999.....	5,321,984	3,113,419	1,530,355	39,045	639,165
2000.....	5,691,481	3,043,094	1,970,977	37,029	640,381
2001.....	5,832,305	2,686,287	2,456,206	36,248	653,565
2002.....	6,126,062	2,259,684	3,148,595	32,545	685,239
2003.....	5,616,135	1,763,764	3,145,485	38,480	668,407
2004.....	5,674,580	1,809,443	3,265,896	32,839	566,401
2005.....	6,036,370	2,134,859	3,349,921	33,785	517,805
2006					
January.....	336,585	115,142	175,126	2,567	43,750
February.....	364,591	131,336	191,148	2,402	39,704
March.....	425,798	163,301	216,734	2,676	43,086
April.....	442,285	175,515	224,413	2,436	39,920
May.....	525,815	206,071	271,216	2,893	45,634
June.....	650,051	255,572	346,487	3,014	44,979
July.....	885,008	340,237	491,600	3,438	49,734
August.....	861,903	336,378	471,959	3,481	50,086
September.....	568,382	218,550	303,023	2,932	43,877
October.....	549,537	209,168	290,965	3,070	46,334
November.....	416,270	163,495	207,368	2,793	42,614
December.....	435,389	163,631	222,785	2,921	46,052
Total.....	6,461,615	2,478,396	3,412,826	34,623	535,770
2007					
January.....	476,193	180,467	240,492	2,584	52,650
February.....	442,365	170,826	228,436	2,493	40,610
March.....	432,814	161,896	226,610	2,616	41,692
April.....	470,939	180,930	246,195	2,562	41,253
May.....	528,214	207,779	273,721	2,744	43,971
June.....	648,157	250,824	349,597	3,008	44,728
July.....	781,529	297,735	431,464	3,333	48,997
August.....	992,091	387,418	547,433	3,395	53,844
September.....	704,737	271,352	382,983	2,864	47,538
October.....	626,057	250,029	325,634	3,015	47,379
November.....	468,868	181,269	240,436	2,722	44,442
December.....	517,378	195,892	272,194	2,751	46,540
Total.....	7,089,342	2,736,418	3,765,194	34,087	553,643
2008					
January.....	556,336	209,678	290,497	3,646	52,515
February.....	461,138	175,971	232,705	3,085	49,377
March.....	483,244	189,661	246,882	3,565	43,136
April.....	483,321	180,341	255,417	2,912	44,651
May.....	497,894	208,371	240,808	2,664	46,052
June.....	689,360	275,937	364,208	2,672	46,542
July.....	812,695	309,446	448,200	3,233	51,816
August.....	789,424	307,061	427,146	3,369	51,848
September.....	622,656	246,821	333,394	3,001	39,440
October.....	572,761	226,582	294,227	2,885	49,066
November.....	484,860	188,171	248,956	2,921	44,813
Total.....	6,453,690	2,518,039	3,382,440	33,953	519,257
Year-to-Date					
2006.....	6,026,226	2,314,764	3,190,041	31,702	489,718
2007.....	6,571,964	2,540,525	3,493,000	31,336	507,103
2008.....	6,453,690	2,518,039	3,382,440	33,953	519,257
Rolling 12 Months Ending in November					
2007.....	7,007,354	2,704,157	3,715,785	34,257	553,155
2008.....	6,971,068	2,713,932	3,654,634	36,704	565,797

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output by Sector, 1994 through November 2008
(Thousand Mcf)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	784,015	--	144,062	31,457	608,496
1995.....	834,382	--	142,753	34,964	656,665
1996.....	865,774	--	147,091	40,075	678,608
1997.....	868,569	--	161,608	47,941	659,021
1998.....	949,106	--	172,471	46,527	730,108
1999.....	982,958	--	175,757	44,991	762,210
2000.....	985,263	--	192,253	47,844	745,165
2001.....	898,286	--	199,808	42,407	656,071
2002.....	866,529	--	263,619	44,565	558,345
2003.....	721,267	--	225,967	19,973	475,327
2004.....	1,052,100	--	388,424	39,233	624,443
2005.....	984,340	--	384,365	34,172	565,803
2006					
January.....	77,984	--	28,096	2,571	47,317
February.....	69,392	--	23,654	2,549	43,189
March.....	77,194	--	26,934	2,662	47,598
April.....	73,028	--	26,099	2,536	44,394
May.....	76,494	--	27,121	2,568	46,805
June.....	79,105	--	27,602	2,801	48,703
July.....	88,247	--	31,694	3,223	53,330
August.....	88,878	--	31,860	3,238	53,780
September.....	76,836	--	26,748	2,658	47,430
October.....	81,114	--	27,399	2,991	50,724
November.....	74,591	--	25,722	2,658	46,210
December.....	79,954	--	27,949	2,657	49,349
Total.....	942,817	--	330,878	33,112	578,828
2007					
January.....	73,646	--	27,190	3,063	43,393
February.....	67,739	--	26,222	2,995	38,521
March.....	69,621	--	27,509	2,601	39,511
April.....	67,381	--	26,019	2,475	38,887
May.....	67,785	--	25,589	2,387	39,808
June.....	70,840	--	28,046	2,819	39,975
July.....	75,921	--	31,322	3,214	41,386
August.....	84,801	--	34,582	3,532	46,688
September.....	73,990	--	28,993	3,100	41,897
October.....	73,577	--	28,430	3,143	42,004
November.....	70,319	--	26,476	3,000	40,843
December.....	76,959	--	29,418	3,658	43,883
Total.....	872,579	--	339,796	35,987	496,796
2008					
January.....	70,123	--	27,330	2,589	40,204
February.....	59,320	--	23,535	2,621	33,164
March.....	70,733	--	25,595	2,323	42,815
April.....	59,620	--	22,902	1,982	34,737
May.....	63,621	--	24,001	1,887	37,733
June.....	71,439	--	28,394	1,918	41,127
July.....	66,936	--	28,263	1,985	36,689
August.....	70,245	--	27,992	1,920	40,333
September.....	55,626	--	21,742	1,786	32,098
October.....	62,912	--	24,398	2,133	36,381
November.....	61,635	--	24,809	2,107	34,719
Total.....	712,211	--	278,961	23,252	409,999
Year-to-Date					
2006.....	862,863	--	302,929	30,455	529,479
2007.....	795,620	--	310,378	32,329	452,913
2008.....	712,211	--	278,961	23,252	409,999
Rolling 12 Months Ending in November					
2007.....	875,574	--	338,327	34,986	502,262
2008.....	789,171	--	308,379	26,910	453,881

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Natural gas, including a small amount of supplemental gaseous fuels.

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Table 2.4.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1994 through November 2008
(Thousand Mcf)

Period	Total (All Sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
1994.....	5,151,163	2,987,146	915,399	72,285	1,176,332
1995.....	5,572,253	3,196,507	1,040,018	77,664	1,258,063
1996.....	5,178,232	2,732,107	1,074,794	82,455	1,288,876
1997.....	5,433,338	2,968,453	1,096,350	86,915	1,281,620
1998.....	6,030,490	3,258,054	1,330,230	87,220	1,354,986
1999.....	6,304,942	3,113,419	1,706,112	84,037	1,401,374
2000.....	6,676,744	3,043,094	2,163,230	84,874	1,385,546
2001.....	6,730,591	2,686,287	2,656,014	78,655	1,309,636
2002.....	6,986,081	2,259,684	3,412,213	73,975	1,240,209
2003.....	6,337,402	1,763,764	3,371,452	58,453	1,143,734
2004.....	6,726,679	1,809,443	3,654,320	72,072	1,190,844
2005.....	7,020,709	2,134,859	3,734,286	67,957	1,083,607
2006					
January.....	414,569	115,142	203,222	5,138	91,067
February.....	433,983	131,336	214,802	4,951	82,893
March.....	502,992	163,301	243,668	5,338	90,684
April.....	515,313	175,515	250,512	4,971	84,314
May.....	602,309	206,071	298,338	5,461	92,439
June.....	729,157	255,572	374,089	5,815	93,681
July.....	973,255	340,237	523,294	6,661	103,064
August.....	950,781	336,378	503,819	6,719	103,866
September.....	645,218	218,550	329,771	5,591	91,307
October.....	630,650	209,168	318,365	6,061	97,057
November.....	490,861	163,495	233,091	5,451	88,824
December.....	515,343	163,631	250,734	5,578	95,400
Total.....	7,404,432	2,478,396	3,743,704	67,735	1,114,597
2007					
January.....	549,839	180,467	267,682	5,647	96,044
February.....	510,104	170,826	254,659	5,489	79,131
March.....	502,435	161,896	254,119	5,217	81,203
April.....	538,321	180,930	272,214	5,036	80,140
May.....	595,999	207,779	299,310	5,131	83,779
June.....	718,997	250,824	377,643	5,827	84,703
July.....	857,450	297,735	462,786	6,547	90,383
August.....	1,076,892	387,418	582,015	6,927	100,532
September.....	778,727	271,352	411,975	5,965	89,435
October.....	699,633	250,029	354,063	6,158	89,383
November.....	539,187	181,269	266,912	5,722	85,285
December.....	594,337	195,892	301,612	6,410	90,423
Total.....	7,961,922	2,736,418	4,104,991	70,074	1,050,439
2008					
January.....	626,460	209,678	317,827	6,235	92,719
February.....	520,458	175,971	256,240	5,706	82,541
March.....	553,977	189,661	272,477	5,888	85,950
April.....	542,942	180,341	278,319	4,894	79,388
May.....	561,516	208,371	264,809	4,551	83,785
June.....	760,799	275,937	392,603	4,590	87,669
July.....	879,631	309,446	476,462	5,217	88,505
August.....	859,669	307,061	455,138	5,289	92,181
September.....	678,282	246,821	355,135	4,788	71,538
October.....	635,673	226,582	318,625	5,018	85,447
November.....	546,495	188,171	273,765	5,028	79,532
Total.....	7,165,901	2,518,039	3,661,401	57,204	929,256
Year-to-Date					
2006.....	6,889,089	2,314,764	3,492,970	62,157	1,019,197
2007.....	7,367,584	2,540,525	3,803,378	63,665	960,016
2008.....	7,165,901	2,518,039	3,661,401	57,204	929,256
Rolling 12 Months Ending in November					
2007.....	7,882,928	2,704,157	4,054,112	69,243	1,055,417
2008.....	7,760,238	2,713,932	3,963,013	63,614	1,019,679

Notes: • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Natural gas, including a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.5.A. Consumption of Coal for Electricity Generation by State by Sector, November 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	763	553	38.0	136	151	625	397	--	--	NM	4
Connecticut	167	52	224.4	--	--	167	52	--	--	--	--
Maine	2	5	-63.2	--	--	*	2	--	--	2	4
Massachusetts	458	345	32.8	--	--	457	344	--	--	NM	1
New Hampshire	136	151	-10.2	136	151	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	5,211	5,516	-5.5	NM	56	5,158	5,422	NM	1	43	38
New Jersey	224	361	-38.1	NM	*	220	361	--	--	--	--
New York	711	744	-4.4	NM	56	697	680	*	1	7	8
Pennsylvania	4,277	4,411	-3.0	--	--	4,241	4,381	NM	*	35	29
East North Central	19,310	18,643	3.6	12,959	13,015	6,083	5,506	11	12	257	110
Illinois	4,812	4,314	11.6	131	467	4,473	3,782	1	2	207	63
Indiana	4,736	4,534	4.5	4,419	4,180	313	350	3	3	NM	1
Michigan	3,037	3,038	-1	2,993	2,994	NM	26	6	6	12	13
Ohio	4,683	4,884	-4.1	3,411	3,530	1,263	1,346	--	--	NM	8
Wisconsin	2,041	1,872	9.0	2,004	1,844	NM	2	NM	1	28	26
West North Central	11,595	11,801	-1.8	11,494	11,697	NM	3	8	8	91	93
Iowa	2,060	1,915	7.6	2,020	1,879	--	--	5	4	35	32
Kansas	1,699	1,941	-12.5	1,699	1,941	--	--	--	--	--	--
Minnesota	1,426	1,428	-2	1,384	1,381	NM	3	--	--	NM	45
Missouri	3,091	3,485	-11.3	3,084	3,476	--	--	2	4	NM	5
Nebraska	908	1,084	-16.2	907	1,083	--	--	--	--	NM	1
North Dakota	2,215	1,936	14.4	2,205	1,927	--	--	--	--	NM	9
South Dakota	195	11	NM	195	11	--	--	--	--	--	--
South Atlantic	12,814	14,381	-10.9	10,558	12,222	2,161	2,091	2	2	92	67
Delaware	230	242	-5.2	--	--	228	240	--	--	NM	2
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,993	2,208	-9.7	1,867	2,093	122	110	--	--	NM	5
Georgia	2,657	3,152	-15.7	2,641	3,136	--	--	--	--	16	15
Maryland	768	924	-16.8	--	--	763	919	--	--	5	5
North Carolina	2,354	2,512	-6.3	2,273	2,427	NM	76	2	2	NM	7
South Carolina	1,249	1,444	-13.5	1,227	1,437	NM	--	--	--	22	8
Virginia	952	1,087	-12.4	795	940	127	132	NM	--	29	15
West Virginia	2,611	2,812	-7.1	1,755	2,189	847	613	--	--	9	10
East South Central	8,853	8,747	1.2	8,310	8,259	502	462	NM	*	39	27
Alabama	2,703	2,777	-2.7	2,687	2,765	5	7	--	--	NM	5
Kentucky	3,614	3,170	14.0	3,239	2,833	375	337	--	--	--	--
Mississippi	481	546	-12.0	359	428	122	118	--	--	NM	--
Tennessee	2,054	2,254	-8.9	2,026	2,232	--	--	NM	*	28	22
West South Central	12,265	12,311	-4	6,548	6,390	5,700	5,901	--	--	NM	20
Arkansas	1,458	1,055	38.1	1,456	1,054	--	--	--	--	NM	2
Louisiana	1,211	1,271	-4.7	534	772	676	499	--	--	NM	1
Oklahoma	1,779	1,506	18.2	1,651	1,370	113	118	--	--	NM	18
Texas	7,817	8,478	-7.8	2,907	3,194	4,911	5,285	--	--	--	--
Mountain	9,574	9,593	-2	8,370	8,453	1,190	1,124	--	--	NM	16
Arizona	1,823	1,763	3.4	1,814	1,752	--	--	--	--	NM	11
Colorado	1,465	1,560	-6.0	1,461	1,556	NM	4	--	--	--	--
Idaho	NM	2	--	--	--	--	--	--	--	NM	2
Montana	1,030	1,061	-2.9	NM	26	1,004	1,035	--	--	--	--
Nevada	369	309	19.4	295	309	74	--	--	--	--	--
New Mexico	1,405	1,295	8.5	1,405	1,295	--	--	--	--	--	--
Utah	1,392	1,324	5.1	1,359	1,284	NM	40	--	--	--	--
Wyoming	2,089	2,280	-8.4	2,009	2,232	NM	45	--	--	NM	3
Pacific Contiguous	892	864	3.3	237	250	646	606	--	--	8	8
California	73	67	9.7	--	--	66	59	--	--	8	8
Oregon	237	250	-4.9	237	250	--	--	--	--	--	--
Washington	582	547	6.3	--	--	581	547	--	--	1	1
Pacific Noncontiguous	106	86	22.8	18	16	81	62	8	8	--	--
Alaska	42	46	-9.2	18	16	NM	22	8	8	--	--
Hawaii	64	40	59.0	--	--	64	40	--	--	--	--
U.S. Total	81,383	82,495	-1.3	58,641	60,509	22,148	21,573	30	30	564	383

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. See the technical notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Natural gas, including a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.5.B. Consumption of Coal for Electricity Generation by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	7,495	7,970	-6.0	1,329	1,464	6,113	6,457	--	--	NM	49
Connecticut	1,962	1,690	16.1	--	--	1,962	1,690	--	--	--	--
Maine	73	64	14.9	--	--	30	23	--	--	44	41
Massachusetts	4,130	4,752	-13.1	--	--	4,121	4,744	--	--	NM	8
New Hampshire	1,329	1,464	-9.2	1,329	1,464	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	61,841	63,442	-2.5	NM	598	60,599	62,285	NM	4	758	554
New Jersey	3,738	4,031	-7.3	NM	24	3,512	4,007	--	--	--	--
New York	8,613	8,701	-1.0	NM	574	8,150	8,032	4	3	207	91
Pennsylvania	49,490	50,710	-2.4	--	--	48,937	50,246	NM	1	NM	463
East North Central	220,353	217,473	1.3	147,951	150,199	69,649	65,990	127	131	2,626	1,154
Illinois	54,317	52,104	4.2	1,992	5,047	50,309	46,400	15	23	2,002	634
Indiana	55,552	55,417	.2	51,887	51,840	3,603	3,525	48	38	NM	14
Michigan	33,433	33,772	-1.0	32,967	33,262	NM	294	56	62	143	154
Ohio	53,897	54,252	-7	38,365	38,429	15,423	15,739	--	--	NM	85
Wisconsin	23,153	21,929	5.6	22,740	21,621	NM	33	NM	8	356	267
West North Central	137,430	135,528	1.4	136,211	134,444	NM	19	108	98	1,088	967
Iowa	23,192	21,346	8.6	22,675	20,949	--	--	64	49	453	348
Kansas	19,729	20,714	-4.8	19,729	20,714	--	--	--	--	--	--
Minnesota	17,576	17,853	-1.5	17,095	17,360	NM	19	--	--	NM	473
Missouri	40,258	40,449	-5	40,154	40,344	--	--	45	48	NM	56
Nebraska	12,145	11,045	10.0	12,131	11,037	--	--	--	--	NM	7
North Dakota	22,387	22,473	-4	22,286	22,391	--	--	--	--	NM	82
South Dakota	2,142	1,649	29.9	2,142	1,649	--	--	--	--	--	--
South Atlantic	165,452	169,559	-2.4	138,538	142,302	25,654	26,508	21	10	1,240	740
Delaware	2,137	2,243	-4.8	--	--	2,114	2,224	--	--	NM	20
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	25,554	26,000	-1.7	23,840	24,290	1,661	1,662	--	--	NM	48
Georgia	36,501	37,576	-2.9	36,216	37,418	--	--	--	--	284	158
Maryland	10,089	10,858	-7.1	--	--	10,037	10,804	--	--	51	55
North Carolina	28,673	29,722	-3.5	27,551	28,563	NM	1,070	21	10	NM	79
South Carolina	15,919	15,091	5.5	15,626	15,010	NM	--	--	--	293	81
Virginia	12,008	13,227	-9.2	9,778	11,197	1,896	1,886	NM	--	334	144
West Virginia	34,572	34,841	-8	25,527	25,824	8,927	8,862	--	--	118	155
East South Central	105,238	106,219	-9	98,081	98,806	6,718	7,108	NM	9	431	296
Alabama	33,008	34,309	-3.8	32,799	34,175	86	79	--	--	NM	56
Kentucky	38,500	37,539	2.6	34,632	33,570	3,868	3,969	--	--	--	--
Mississippi	8,737	9,076	-3.7	5,971	6,016	2,764	3,060	--	--	NM	1
Tennessee	24,994	25,294	-1.2	24,679	25,045	--	--	NM	9	307	240
West South Central	142,936	140,545	1.7	77,418	74,678	65,250	65,655	--	--	NM	213
Arkansas	14,223	14,106	.8	14,195	14,085	--	--	--	--	NM	21
Louisiana	14,687	13,964	5.2	7,396	6,895	7,287	7,060	--	--	NM	9
Oklahoma	21,105	18,743	12.6	19,631	17,362	1,238	1,199	--	--	NM	183
Texas	92,921	93,731	-9	36,196	36,336	56,725	57,396	--	--	--	--
Mountain	105,723	105,400	.3	93,089	93,274	11,979	11,495	--	--	NM	631
Arizona	20,530	19,430	5.7	20,416	19,328	--	--	--	--	NM	102
Colorado	17,009	17,557	-3.1	16,961	17,509	NM	48	--	--	--	--
Idaho	NM	18	--	--	--	--	--	--	--	NM	18
Montana	10,939	10,861	.7	NM	271	10,632	10,590	--	--	--	--
Nevada	3,197	3,129	2.2	3,046	3,129	152	--	--	--	--	--
New Mexico	13,935	14,641	-4.8	13,935	14,641	--	--	--	--	--	--
Utah	15,896	15,551	2.2	15,055	14,701	NM	378	--	--	481	472
Wyoming	24,202	24,212	.0	23,370	23,695	NM	479	--	--	NM	39
Pacific Contiguous	8,078	8,222	-1.8	2,134	2,320	5,849	5,811	--	--	95	90
California	809	760	6.5	--	--	729	676	--	--	80	83
Oregon	2,134	2,320	-8.0	2,134	2,320	--	--	--	--	--	--
Washington	5,135	5,142	-1	--	--	5,120	5,135	--	--	15	7
Pacific Noncontiguous	NM	1,075	--	192	176	NM	821	161	78	--	--
Alaska	543	451	20.5	192	176	NM	197	161	78	--	--
Hawaii	NM	624	--	--	--	NM	624	--	--	--	--
U.S. Total	955,801	955,432	.0	695,421	698,261	252,735	252,148	430	330	7,215	4,693

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. See the technical notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.6.A. Consumption of Petroleum Liquids for Electricity Generation by State by Sector, November 2008 and 2007

(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	349	331	5.5	NM	6	298	300	NM	2	NM	23
Connecticut.....	NM	34	--	*	*	NM	33	NM	--	NM	*
Maine.....	65	33	98.9	NM	*	36	11	NM	*	NM	21
Massachusetts.....	243	260	-6.5	6	2	229	256	NM	1	NM	1
New Hampshire.....	NM	2	--	1	2	NM	*	NM	*	NM	*
Rhode Island.....	NM	1	--	NM	1	NM	--	NM	*	--	*
Vermont.....	NM	1	--	NM	1	--	--	--	--	--	--
Middle Atlantic	645	271	138.4	457	155	159	99	NM	4	NM	12
New Jersey.....	26	21	26.0	NM	*	24	21	NM	*	NM	*
New York.....	NM	194	--	NM	155	NM	25	NM	4	15	11
Pennsylvania.....	82	56	46.9	NM	--	71	54	NM	1	NM	1
East North Central	123	130	-5.2	88	98	28	24	NM	*	NM	7
Illinois.....	23	29	-19.7	NM	15	21	14	NM	*	NM	*
Indiana.....	27	24	14.2	25	22	NM	*	NM	*	NM	1
Michigan.....	NM	23	--	NM	18	NM	*	1	*	NM	4
Ohio.....	36	42	-13.2	30	31	NM	11	--	--	NM	*
Wisconsin.....	NM	13	--	NM	12	NM	*	NM	--	NM	1
West North Central	42	99	-57.6	38	98	3	*	NM	*	NM	*
Iowa.....	NM	22	--	NM	22	NM	*	*	*	NM	*
Kansas.....	NM	11	--	NM	11	--	--	NM	--	--	--
Minnesota.....	14	29	-53.3	10	29	3	*	NM	*	NM	*
Missouri.....	8	11	-31.9	8	11	--	--	--	*	--	*
Nebraska.....	NM	5	--	NM	5	--	--	--	*	--	--
North Dakota.....	NM	8	--	NM	8	--	--	--	*	NM	*
South Dakota.....	NM	12	--	NM	12	--	*	--	*	--	--
South Atlantic	1,148	1,006	14.2	1,040	897	71	46	NM	1	36	62
Delaware.....	NM	18	--	--	*	NM	4	--	--	NM	13
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	613	831	-26.3	596	814	NM	3	NM	--	NM	14
Georgia.....	29	25	16.1	18	16	NM	1	NM	*	11	9
Maryland.....	34	34	-1.7	NM	1	31	33	NM	*	NM	--
North Carolina.....	70	35	101.6	63	18	NM	1	NM	--	NM	16
South Carolina.....	NM	21	--	NM	16	NM	--	NM	*	7	5
Virginia.....	362	23	NM	334	12	24	5	--	*	4	5
West Virginia.....	15	20	-23.5	15	20	--	--	--	--	--	--
East South Central.....	59	59	-8	46	43	NM	8	--	--	NM	8
Alabama.....	23	12	97.3	13	6	NM	*	--	--	NM	6
Kentucky.....	NM	27	--	16	19	NM	8	--	--	--	--
Mississippi.....	NM	2	--	NM	2	--	--	--	--	NM	*
Tennessee.....	16	18	-13.6	16	16	--	--	--	--	NM	2
West South Central	49	52	-7.1	33	33	9	14	NM	*	NM	5
Arkansas.....	14	11	25.3	13	10	--	--	--	--	1	1
Louisiana.....	16	10	66.2	11	*	3	7	--	--	NM	2
Oklahoma.....	NM	17	--	NM	16	--	--	NM	--	NM	*
Texas.....	NM	15	--	6	6	6	7	NM	*	NM	2
Mountain	36	47	-23.8	30	45	NM	2	NM	*	NM	*
Arizona.....	8	6	32.4	8	6	--	--	NM	*	NM	*
Colorado.....	NM	2	--	NM	2	*	*	*	--	NM	--
Idaho.....	--	*	--	NM	*	--	--	--	--	--	--
Montana.....	NM	1	--	NM	*	NM	1	--	--	--	--
Nevada.....	NM	2	--	NM	2	1	*	--	--	--	--
New Mexico.....	NM	21	--	NM	21	NM	1	--	--	NM	--
Utah.....	NM	8	--	NM	8	NM	*	--	--	--	--
Wyoming.....	NM	6	--	8	6	NM	*	--	--	NM	*
Pacific Contiguous	NM	17	--	NM	10	NM	4	NM	*	NM	2
California.....	NM	10	--	NM	7	NM	3	NM	*	NM	*
Oregon.....	NM	2	--	NM	2	--	--	--	--	NM	*
Washington.....	NM	5	--	NM	1	1	2	*	*	NM	2
Pacific Noncontiguous.....	1,158	1,292	-10.4	933	1,116	211	158	NM	1	NM	17
Alaska.....	103	166	-37.6	98	146	--	12	NM	*	NM	7
Hawaii.....	1,055	1,126	-6.3	835	969	211	146	*	*	NM	10
U.S. Total.....	3,625	3,302	9.8	2,685	2,501	792	657	12	8	135	137

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. See the technical notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a sample. - See Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.6.B. Consumption of Petroleum Liquids for Electricity Generation by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	5,099	8,339	-38.9	NM	640	4,315	7,155	NM	105	403	439
Connecticut.....	NM	2,014	--	NM	4	NM	1,986	NM	--	NM	25
Maine.....	589	930	-36.7	NM	2	NM	590	NM	6	299	333
Massachusetts.....	3,219	4,753	-32.3	NM	99	3,077	4,538	NM	38	NM	77
New Hampshire.....	NM	555	--	NM	498	NM	34	NM	20	NM	3
Rhode Island.....	NM	68	--	NM	20	NM	7	NM	40	*	1
Vermont.....	NM	18	--	NM	18	--	--	--	--	--	--
Middle Atlantic	6,519	15,733	-58.6	2,679	7,037	3,496	8,395	NM	87	NM	215
New Jersey.....	585	875	-33.1	NM	22	535	850	NM	2	NM	1
New York.....	4,579	12,564	-63.6	2,627	7,015	1,729	5,330	NM	76	178	144
Pennsylvania.....	1,355	2,294	-40.9	NM	--	1,233	2,215	NM	9	NM	70
East North Central	1,826	2,198	-16.9	1,423	1,763	325	320	10	2	NM	113
Illinois.....	277	247	12.1	NM	73	227	174	NM	1	NM	*
Indiana.....	298	263	13.3	284	244	NM	*	NM	1	NM	17
Michigan.....	603	854	-29.4	558	786	NM	1	NM	*	NM	67
Ohio.....	493	525	-6.0	396	383	NM	136	--	--	NM	5
Wisconsin.....	NM	309	--	NM	276	NM	10	NM	*	NM	23
West North Central	777	1,337	-41.9	756	1,269	NM	56	NM	7	NM	4
Iowa.....	NM	417	--	NM	406	NM	10	NM	*	NM	*
Kansas.....	94	82	15.1	94	82	--	--	NM	--	--	--
Minnesota.....	NM	436	--	NM	384	5	45	NM	5	NM	2
Missouri.....	NM	122	--	NM	122	--	--	1	*	--	*
Nebraska.....	76	75	1.7	76	75	--	--	--	*	--	--
North Dakota.....	81	84	-3.7	80	81	--	--	--	1	NM	2
South Dakota.....	NM	121	--	NM	120	--	1	--	*	--	--
South Atlantic	18,660	31,920	-41.5	16,637	28,153	1,372	3,016	NM	13	645	738
Delaware.....	NM	415	--	*	7	NM	331	--	--	NM	77
District of Columbia.....	163	196	-16.5	--	--	163	196	--	--	--	--
Florida.....	14,506	24,562	-40.9	14,280	24,079	NM	321	NM	--	NM	162
Georgia.....	269	307	-12.2	139	174	NM	5	NM	7	114	120
Maryland.....	715	1,688	-57.7	NM	41	682	1,629	NM	*	NM	18
North Carolina.....	521	682	-23.5	406	467	NM	12	NM	1	NM	203
South Carolina.....	310	396	-21.6	200	348	NM	*	NM	2	110	45
Virginia.....	1,666	3,352	-50.3	1,377	2,762	NM	508	--	3	44	79
West Virginia.....	222	322	-31.0	220	276	2	13	--	--	--	33
East South Central.....	989	1,447	-31.7	792	1,253	NM	53	--	--	NM	141
Alabama.....	319	214	49.0	174	127	27	6	--	--	NM	81
Kentucky.....	208	213	-2.5	165	166	NM	47	--	--	--	--
Mississippi.....	134	719	-81.3	130	718	--	--	--	--	NM	2
Tennessee.....	328	301	9.0	323	243	--	--	--	--	NM	58
West South Central	857	1,345	-36.3	599	988	165	189	NM	2	NM	166
Arkansas.....	68	143	-52.2	63	127	--	--	--	--	6	16
Louisiana.....	524	589	-10.9	469	502	21	26	--	--	NM	61
Oklahoma.....	NM	263	--	22	245	--	--	NM	*	NM	17
Texas.....	220	350	-37.2	45	113	144	163	NM	1	NM	72
Mountain	435	411	5.9	331	346	NM	60	NM	1	NM	4
Arizona.....	85	79	7.6	83	75	--	--	NM	1	NM	3
Colorado.....	NM	62	--	NM	35	18	27	*	--	NM	*
Idaho.....	*	*	68.1	NM	*	--	--	--	--	--	--
Montana.....	NM	33	--	NM	3	32	30	--	--	--	--
Nevada.....	23	21	6.6	21	21	1	*	--	--	--	--
New Mexico.....	77	72	7.4	76	70	NM	2	--	--	NM	*
Utah.....	NM	69	--	41	68	NM	1	--	--	--	--
Wyoming.....	NM	75	--	NM	74	NM	1	--	--	NM	1
Pacific Contiguous	296	502	-41.1	NM	135	NM	126	NM	1	70	239
California.....	220	444	-50.3	118	118	NM	110	NM	*	NM	215
Oregon.....	NM	15	--	NM	9	--	--	--	--	NM	6
Washington.....	NM	43	--	NM	8	19	16	NM	*	NM	18
Pacific Noncontiguous.....	13,344	14,477	-7.8	11,310	12,480	1,861	1,749	NM	14	NM	234
Alaska.....	1,151	1,652	-30.4	1,087	1,419	--	133	NM	11	NM	89
Hawaii.....	12,193	12,825	-4.9	10,223	11,061	1,861	1,615	3	3	NM	145
U.S. Total.....	48,802	77,709	-37.2	34,997	54,065	11,794	21,120	148	231	1,863	2,294

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. See the technical notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a sample. - See Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.7.A. Consumption of Petroleum Coke for Electricity Generation by State by Sector, November 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	NM	8	--	--	--	8	4	--	--	NM	4
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	8	4	92.1	--	--	8	4	--	--	--	--
Pennsylvania	NM	4	--	--	--	NM	--	--	--	NM	4
East North Central	59	53	10.4	19	21	36	27	--	--	NM	5
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	3	6	-51.5	--	1	3	3	--	--	--	2
Ohio	34	24	38.7	--	--	33	24	--	--	NM	*
Wisconsin	22	23	-2.1	19	19	--	--	--	--	3	3
West North Central	9	17	-44.6	9	17	--	--	*	*	--	--
Iowa	*	5	-94.2	*	5	--	--	*	*	--	--
Kansas	3	6	-47.7	3	6	--	--	--	--	--	--
Minnesota	6	6	-2.1	6	6	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	119	71	67.6	113	64	--	--	--	--	5	7
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	113	64	77.6	113	64	--	--	--	--	--	--
Georgia	5	7	-22.7	--	--	--	--	--	--	5	7
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	79	91	-13.0	--	--	79	91	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	79	91	-13.0	--	--	79	91	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	65	108	-40.3	57	61	--	33	--	--	NM	15
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	63	70	-11.0	57	61	--	--	--	--	NM	10
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	NM	38	--	--	--	--	33	--	--	NM	5
Mountain	15	14	10.3	--	--	15	14	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	15	14	10.3	--	--	15	14	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	50	68	-26.8	--	--	44	54	--	--	NM	15
California	50	68	-26.8	--	--	44	54	--	--	NM	15
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	407	431	-5.5	198	162	183	223	*	*	26	46

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. See the technical notes (Appendix C) for further information. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a sample. - See Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.7.B. Consumption of Petroleum Coke for Electricity Generation by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	NM	138	--	--	--	NM	95	--	--	NM	44
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	NM	95	--	--	--	NM	95	--	--	--	--
Pennsylvania	NM	44	--	--	--	NM	--	--	--	NM	44
East North Central	660	632	4.6	235	259	378	304	--	--	47	68
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	32	68	-52.7	--	10	32	35	--	--	--	24
Ohio	349	270	29.1	--	--	346	270	--	--	NM	*
Wisconsin	280	294	-4.8	235	249	--	--	--	--	45	44
West North Central	134	181	-25.8	133	179	--	--	1	1	--	--
Iowa	32	48	-34.4	30	47	--	--	1	1	--	--
Kansas	47	69	-31.5	47	69	--	--	--	--	--	--
Minnesota	55	64	-13.0	55	64	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	1,220	1,575	-22.5	1,147	1,491	--	--	--	--	73	83
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,129	1,491	-24.3	1,129	1,491	--	--	--	--	--	--
Georgia	73	83	-12.6	--	--	--	--	--	--	73	83
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	18	--	--	18	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	1,007	951	5.9	--	--	1,007	951	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	1,007	951	5.9	--	--	1,007	951	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	1,063	1,153	-7.8	624	660	358	366	--	--	NM	127
Arkansas	NM	--	--	--	--	--	--	--	--	NM	--
Louisiana	673	736	-8.6	624	660	--	--	--	--	NM	76
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	390	417	-6.5	--	--	358	366	--	--	NM	52
Mountain	135	142	-5.4	--	--	135	142	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	135	142	-5.4	--	--	135	142	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	544	737	-26.2	--	--	474	590	--	--	NM	147
California	544	737	-26.2	--	--	474	590	--	--	NM	147
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	4,869	5,509	-11.6	2,139	2,590	2,421	2,448	1	1	308	469

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. See the technical notes (Appendix C) for further information. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a sample. - See Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.8.A. Consumption of Natural Gas for Electricity Generation by State by Sector, November 2008 and 2007
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	30,996	30,258	2.4	NM	97	29,235	28,351	324	367	1,410	1,443
Connecticut	4,109	4,871	-15.6	2	23	3,992	4,732	NM	18	NM	98
Maine	5,068	3,427	47.9	--	--	3,910	2,229	NM	1	1,156	1,196
Massachusetts	14,116	15,549	-9.2	NM	72	13,760	15,058	268	314	NM	105
New Hampshire	4,321	2,872	50.4	1	1	4,233	2,827	--	--	NM	44
Rhode Island	3,376	3,537	-4.6	--	--	3,340	3,504	NM	33	--	--
Vermont	6	2	280.2	6	2	--	--	--	--	--	--
Middle Atlantic	49,035	43,897	11.7	10,141	9,289	37,614	33,619	483	352	NM	637
New Jersey	11,209	10,663	5.1	NM	16	10,775	10,302	NM	35	NM	310
New York	28,563	25,994	9.9	10,110	9,273	17,993	16,388	304	192	156	142
Pennsylvania	9,264	7,239	28.0	NM	--	8,847	6,929	NM	125	NM	185
East North Central	10,633	12,970	-18.0	1,718	2,906	7,695	9,325	315	287	905	452
Illinois	1,708	2,315	-26.2	NM	506	1,200	1,416	288	248	NM	144
Indiana	2,185	1,400	56.0	NM	223	1,329	1,013	NM	6	586	158
Michigan	3,617	5,447	-33.6	433	422	3,117	4,968	NM	6	NM	51
Ohio	1,066	1,290	-17.4	NM	325	915	946	--	--	NM	19
Wisconsin	2,057	2,518	-18.3	770	1,430	1,133	981	NM	27	NM	80
West North Central	10,869	8,154	33.3	9,923	6,812	882	1,266	NM	42	NM	34
Iowa	1,862	1,474	26.3	1,859	1,471	NM	--	NM	4	1	--
Kansas	2,466	665	271.0	2,461	664	--	--	NM	--	NM	1
Minnesota	1,287	2,875	-55.2	689	2,152	551	665	NM	35	NM	23
Missouri	4,513	2,639	71.0	4,177	2,035	331	602	2	*	NM	3
Nebraska	670	101	561.6	670	98	NM	*	NM	3	--	--
North Dakota	NM	7	--	NM	*	--	--	--	--	NM	7
South Dakota	NM	392	--	NM	392	--	--	--	--	--	--
South Atlantic	73,793	66,598	10.8	60,833	55,517	12,437	10,427	NM	15	504	639
Delaware	733	538	36.1	NM	15	693	458	--	--	28	65
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	53,065	55,990	-5.2	47,838	49,393	4,960	6,211	NM	10	247	376
Georgia	7,999	4,232	89.0	4,887	3,042	3,001	1,108	--	--	110	83
Maryland	1,663	628	164.7	--	--	1,626	571	NM	*	NM	58
North Carolina	2,828	412	585.7	2,283	376	538	21	--	5	NM	10
South Carolina	3,723	436	753.0	2,923	296	789	138	NM	*	10	2
Virginia	3,640	4,136	-12.0	2,790	2,311	787	1,783	--	--	63	42
West Virginia	142	226	-37.0	99	83	NM	138	--	--	NM	4
East South Central	28,838	17,049	69.1	12,615	8,628	15,238	7,792	NM	58	937	571
Alabama	16,598	9,820	69.0	6,244	4,560	9,718	4,882	--	--	636	378
Kentucky	386	630	-38.7	216	560	2	19	--	--	NM	51
Mississippi	11,572	6,468	78.9	5,931	3,464	5,518	2,891	NM	3	NM	110
Tennessee	282	131	115.0	223	44	--	--	NM	55	NM	33
West South Central	145,225	144,274	.7	43,252	44,254	67,719	66,824	472	254	33,782	32,942
Arkansas	3,323	2,810	18.3	NM	294	3,122	2,424	NM	*	81	92
Louisiana	27,297	24,921	9.5	10,649	8,380	2,631	1,739	NM	19	14,001	14,783
Oklahoma	18,043	16,435	9.8	11,366	13,001	6,595	3,362	NM	12	NM	59
Texas	96,562	100,108	-3.5	21,117	22,580	55,370	59,298	446	222	19,628	18,008
Mountain	48,606	52,367	-7.2	25,474	27,799	22,518	23,929	NM	106	524	534
Arizona	16,482	20,605	-20.0	6,647	8,132	9,791	12,428	NM	44	NM	--
Colorado	8,496	10,199	-16.7	3,254	2,744	5,205	7,419	5	12	NM	24
Idaho	752	1,480	-49.2	NM	315	705	1,144	--	--	NM	21
Montana	NM	77	--	NM	19	NM	55	--	--	NM	4
Nevada	13,285	10,098	31.6	7,788	7,324	5,274	2,563	--	--	NM	211
New Mexico	4,762	4,319	10.3	3,450	4,083	1,268	182	NM	41	NM	13
Utah	4,544	5,290	-14.1	4,252	5,059	NM	125	NM	8	NM	98
Wyoming	238	299	-20.4	NM	122	NM	15	--	--	176	162
Pacific Contiguous	83,071	89,424	-7.1	20,450	22,190	55,617	58,903	1,139	1,239	5,865	7,092
California	67,647	72,471	-6.7	14,572	16,411	46,603	48,107	1,132	1,231	5,340	6,722
Oregon	10,914	11,097	-1.6	4,336	4,171	6,068	6,565	NM	3	508	358
Washington	4,509	5,856	-23.0	1,541	1,608	2,946	4,231	NM	5	17	12
Pacific Noncontiguous	3,793	3,877	-2.2	3,738	3,778	--	--	--	2	NM	97
Alaska	3,793	3,877	-2.2	3,738	3,778	--	--	--	2	NM	97
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	484,860	468,868	3.4	188,171	181,269	248,956	240,436	2,921	2,722	44,813	44,442

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. See the technical notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a sample. - See Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2.8.B. Consumption of Natural Gas for Electricity Generation by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers		2008	2007	2008	2007
	2008	2007	Percent Change	2008	2007	2008	2007				
New England	345,300	367,232	-6.0	NM	2,747	323,820	345,658	4,129	4,002	15,572	14,825
Connecticut	55,868	67,926	-17.8	25	51	54,401	66,545	NM	247	NM	1,083
Maine	45,596	42,879	6.3	--	--	33,221	30,603	NM	19	12,361	12,257
Massachusetts	145,526	172,832	-15.8	NM	2,462	139,493	166,084	3,437	3,361	NM	924
New Hampshire	46,058	36,895	24.8	67	211	44,945	36,122	--	--	NM	561
Rhode Island	52,219	46,677	11.9	--	--	51,760	46,303	NM	374	--	--
Vermont	33	23	45.9	33	23	--	--	--	--	--	--
Middle Atlantic	645,235	637,196	1.3	139,045	131,224	490,570	493,934	5,466	3,833	10,153	8,204
New Jersey	151,671	134,493	12.8	NM	203	146,313	130,380	NM	440	NM	3,471
New York	364,831	369,600	-1.3	138,640	131,021	220,763	234,985	3,257	1,905	2,171	1,689
Pennsylvania	128,733	133,103	-3.3	NM	--	123,495	128,569	NM	1,489	NM	3,045
East North Central	197,732	274,831	-28.1	47,146	69,142	138,347	193,934	3,873	4,143	8,366	7,612
Illinois	36,040	63,489	-43.2	NM	7,743	27,271	48,965	3,431	3,614	NM	3,166
Indiana	32,050	33,096	-3.2	NM	9,071	20,095	21,876	NM	76	4,548	2,074
Michigan	70,199	94,651	-25.8	9,911	12,936	59,420	80,573	NM	124	NM	1,018
Ohio	19,528	32,894	-40.6	NM	10,789	NM	21,907	--	--	NM	199
Wisconsin	39,916	50,701	-21.3	20,894	28,603	17,354	20,614	NM	329	NM	1,155
West North Central	109,849	131,035	-16.2	92,611	113,090	16,300	16,804	NM	602	NM	539
Iowa	17,962	23,282	-22.8	17,924	23,257	NM	1	NM	24	8	--
Kansas	26,040	24,123	7.9	25,875	24,036	--	--	NM	--	NM	86
Minnesota	18,383	30,785	-40.3	NM	19,463	7,090	10,560	NM	413	NM	349
Missouri	38,910	38,123	2.1	29,615	31,738	9,202	6,235	50	114	NM	35
Nebraska	6,606	10,682	-38.2	6,600	10,624	NM	8	NM	50	--	--
North Dakota	NM	70	--	NM	2	--	--	--	--	NM	68
South Dakota	NM	3,971	--	NM	3,971	--	--	--	--	--	--
South Atlantic	1,017,357	1,049,680	-3.1	823,714	811,726	186,145	227,535	NM	240	7,202	10,180
Delaware	10,888	15,780	-31.0	NM	394	10,479	12,105	--	--	254	3,281
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	746,586	720,642	3.6	667,581	631,370	74,950	84,885	NM	192	3,776	4,195
Georgia	92,603	116,038	-20.2	51,843	60,966	39,242	54,099	--	--	1,518	973
Maryland	14,759	20,685	-28.7	--	--	14,315	20,107	NM	*	NM	578
North Carolina	34,403	39,339	-12.5	27,577	31,955	6,513	7,172	3	34	NM	177
South Carolina	43,553	48,863	-10.9	33,477	36,967	NM	11,858	NM	14	121	23
Virginia	72,835	84,560	-13.9	42,517	48,572	29,556	35,230	--	--	762	757
West Virginia	NM	3,773	--	563	1,500	NM	2,078	--	--	NM	195
East South Central	345,211	371,750	-7.1	174,710	188,880	159,318	174,325	NM	652	10,568	7,893
Alabama	161,300	168,482	-4.3	63,322	63,334	90,349	100,711	--	--	7,630	4,437
Kentucky	NM	20,066	--	7,937	17,614	1,203	1,004	--	--	NM	1,448
Mississippi	168,492	175,321	-3.9	99,279	101,541	67,737	71,958	NM	54	NM	1,768
Tennessee	NM	7,881	--	4,172	6,391	29	652	NM	598	NM	240
West South Central	2,147,006	2,131,733	.7	622,633	630,455	1,128,728	1,122,978	5,470	3,105	390,175	375,195
Arkansas	60,596	58,042	4.4	NM	9,516	48,575	47,581	NM	5	1,037	940
Louisiana	347,642	353,955	-1.8	148,251	141,201	48,755	51,367	NM	225	150,451	161,163
Oklahoma	259,675	266,753	-2.7	167,041	172,128	91,666	93,944	NM	145	NM	536
Texas	1,479,093	1,452,983	1.8	296,367	307,610	939,731	930,086	5,106	2,730	237,888	212,556
Mountain	641,257	650,254	-1.4	334,108	340,467	298,964	301,021	NM	1,330	6,868	7,435
Arizona	260,426	256,771	1.4	102,050	104,363	157,825	151,809	NM	528	NM	71
Colorado	99,750	112,473	-11.3	35,606	38,921	63,464	73,068	324	199	NM	286
Idaho	10,768	10,740	.3	NM	2,288	9,179	8,090	--	--	489	362
Montana	NM	964	--	NM	231	NM	690	--	--	NM	43
Nevada	159,823	159,405	.3	96,153	96,221	61,051	59,829	--	--	NM	3,354
New Mexico	55,688	53,271	4.5	51,237	50,294	NM	2,294	NM	517	NM	165
Utah	51,183	52,678	-2.8	47,269	46,534	NM	5,032	NM	87	NM	1,026
Wyoming	2,940	3,952	-25.6	NM	1,615	NM	208	--	--	2,080	2,129
Pacific Contiguous	964,824	919,795	4.9	243,352	215,275	640,248	616,811	12,364	13,426	68,861	74,283
California	792,796	781,176	1.5	190,951	170,353	526,366	527,303	12,272	13,362	63,207	70,157
Oregon	109,534	92,015	19.0	38,480	32,555	65,677	55,457	NM	26	5,355	3,977
Washington	62,494	46,605	34.1	13,921	12,367	48,205	34,051	NM	38	298	149
Pacific Noncontiguous	39,919	38,458	3.8	38,941	37,519	--	--	--	3	NM	937
Alaska	39,919	38,458	3.8	38,941	37,519	--	--	--	3	NM	937
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	6,453,690	6,571,964	-1.8	2,518,039	2,540,525	3,382,440	3,493,000	33,953	31,336	519,257	507,103

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. See the technical notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a sample. - See Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Natural gas, including a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Chapter 3. Fossil-Fuel Stocks for Electricity Generation

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 1994 through November 2008

Period	Electric Power Sector			Electric Utilities			Independent Power Producers		
	Coal (Thousand Tons) ¹	Petroleum Liquids (Thousand Barrels) ²	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons) ¹	Petroleum Liquids (Thousand Barrels) ²	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons) ¹	Petroleum Liquids (Thousand Barrels) ²	Petroleum Coke (Thousand Tons)
1994.....	126,897	62,988	69	126,897	62,988	69	--	--	--
1995.....	126,304	50,495	65	126,304	50,495	65	--	--	--
1996.....	114,623	47,690	91	114,623	47,690	91	--	--	--
1997.....	98,826	48,792	469	98,826	48,792	469	--	--	--
1998.....	120,501	53,794	559	120,501	53,794	559	--	--	--
1999.....	141,604	52,251	372	129,041	44,392	355	12,563	7,859	16
2000.....	102,296	39,875	211	90,115	29,570	186	12,180	10,306	25
2001.....	138,496	55,080	390	117,147	35,807	300	21,349	19,273	90
2002.....	141,714	43,935	1,711	116,952	29,601	328	24,761	14,334	1,383
2003.....	121,567	45,752	1,484	97,831	28,062	378	23,736	17,691	1,105
2004.....	106,669	46,750	937	84,917	29,144	627	21,751	17,607	309
2005.....	101,137	47,414	530	77,457	29,532	374	23,680	17,882	156
2006									
January.....	105,401	51,218	587	81,029	32,107	393	24,371	19,112	194
February.....	105,986	50,803	633	81,301	32,022	440	24,685	18,782	193
March.....	112,141	51,314	700	86,566	32,508	523	25,575	18,807	176
April.....	125,097	49,898	650	96,349	31,193	474	28,747	18,705	176
May.....	133,841	51,712	684	102,601	33,074	477	31,240	18,638	207
June.....	135,734	50,784	665	103,696	32,584	496	32,038	18,199	169
July.....	127,894	49,323	615	98,352	31,707	429	29,541	17,616	186
August.....	123,884	47,155	580	95,228	30,078	417	28,656	17,077	164
September.....	126,872	48,823	647	97,410	31,188	458	29,461	17,635	189
October.....	134,941	47,549	736	104,588	29,916	492	30,353	17,633	244
November.....	140,442	47,615	771	109,455	29,695	538	30,986	17,920	233
December.....	140,964	48,216	674	110,277	29,799	456	30,688	18,416	217
2007									
January.....	136,377	45,849	699	106,678	28,662	493	29,698	17,187	207
February.....	133,468	41,930	723	104,981	26,688	493	28,487	15,243	230
March.....	141,389	41,301	636	111,606	26,837	410	29,783	14,463	226
April.....	149,657	42,045	669	118,653	26,969	440	31,005	15,076	229
May.....	154,735	44,183	660	122,279	28,315	411	32,457	15,868	249
June.....	154,812	44,732	543	122,994	29,139	310	31,818	15,593	232
July.....	145,450	44,347	631	116,645	28,047	355	28,806	16,300	276
August.....	140,668	43,276	562	113,295	27,244	292	27,372	16,032	270
September.....	142,666	44,345	543	114,052	28,181	281	28,614	16,164	262
October.....	150,075	43,250	545	119,015	26,802	251	31,060	16,448	294
November.....	154,292	44,718	612	122,160	28,157	309	32,132	16,561	303
December.....	151,221	44,433	554	120,504	28,032	253	30,717	16,401	301
2008									
January.....	148,707	44,023	590	117,613	27,847	269	31,094	16,176	322
February.....	144,011	44,977	551	115,861	28,325	268	28,150	16,653	282
March.....	146,952	41,156	676	118,529	26,173	328	28,423	14,984	348
April.....	152,349	42,041	744	122,912	26,620	364	29,438	15,421	380
May.....	158,422	41,010	787	124,714	25,808	404	33,708	15,203	383
June.....	154,041	40,978	755	121,248	26,837	354	32,793	14,141	401
July.....	142,863	40,467	818	112,997	26,819	376	29,866	13,648	442
August.....	141,957	40,213	786	112,129	26,708	381	29,828	13,506	405
September.....	144,948	39,710	760	114,094	26,575	398	30,854	13,135	362
October.....	157,552	40,082	760	124,552	26,187	434	33,000	13,894	326
November.....	166,298	40,135	867	131,854	26,033	489	34,444	14,102	377

¹ Anthracite, bituminous, subbituminous, coal synfuel, and lignite; excludes waste coal.

² Distillate fuel oil, residual fuel oil, jet fuel, and kerosene. Data prior to 2004 includes small quantities of waste oil.

Notes: • See Glossary for definitions. • Prior to 2006, values represent December end-of-month stocks. For 2006 forward, values represent end-of-month stocks. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3.2. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by State, November 2008

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Percent Change
New England	934	W	W	4,206	4,649	-9.5	--	--	--
Connecticut, Maine, New Hampshire, Rhode Island, Vermont ¹	423	W	W	2,408	3,414	-29.5	--	--	--
Massachusetts.....	510	570	W	1,798	1,234	45.7	--	--	W
Middle Atlantic	6,872	5,965	15.2	8,699	9,995	-13.0	41	W	W
New Jersey.....	719	687	4.7	1,385	1,178	17.6	--	--	--
New York.....	953	1,035	-8.0	5,286	6,316	-16.3	W	W	W
Pennsylvania.....	5,200	4,243	22.5	2,028	2,501	-18.9	W	W	W
East North Central	40,679	40,759	-2	1,989	2,387	-16.7	92	65	42.5
Illinois.....	9,779	9,717	.6	218	282	-22.6	W	--	--
Indiana.....	9,760	9,202	6.1	110	117	-5.7	--	--	--
Michigan.....	8,477	8,958	-5.4	973	1,123	-13.4	W	W	W
Ohio.....	7,476	8,280	-9.7	342	504	-32.1	--	--	--
Wisconsin.....	5,188	4,602	12.7	346	362	-4.5	W	W	W
West North Central	29,488	26,193	12.6	1,511	1,928	-21.7	W	W	W
Iowa.....	6,258	4,933	26.9	160	224	-28.4	W	W	W
Kansas.....	4,381	4,548	-3.7	438	725	-39.6	W	W	W
Minnesota.....	3,587	3,266	9.8	271	275	-1.4	W	W	W
Missouri.....	9,408	8,732	7.7	319	371	-14.0	--	--	--
Nebraska.....	3,996	3,106	28.6	207	213	-3.0	--	--	--
North Dakota, South Dakota ¹	1,859	1,607	15.7	116	120	-3.7	--	--	--
South Atlantic	26,642	28,640	-7.0	16,015	16,489	-2.9	347	229	51.1
Delaware, District of Columbia, Maryland ¹	1,782	1,966	-9.3	2,140	2,373	-9.8	--	--	--
Florida.....	4,415	4,458	-1.0	7,662	8,662	-11.5	W	W	W
Georgia.....	6,934	6,979	-6	931	832	12.0	--	--	--
North Carolina.....	4,565	4,987	-8.5	1,028	1,006	2.2	--	--	--
South Carolina.....	2,516	4,274	-41.1	830	879	-5.6	W	W	W
Virginia.....	2,048	1,433	42.9	3,244	2,547	27.4	--	--	--
West Virginia.....	4,383	4,544	-3.5	181	191	-4.9	--	--	--
East South Central	16,257	12,401	31.1	2,248	2,363	-4.9	W	W	W
Alabama.....	4,638	3,971	16.8	311	277	12.2	--	--	--
Kentucky.....	7,009	5,123	36.8	278	280	-6	W	W	W
Mississippi.....	1,169	890	31.4	878	987	-11.0	--	--	--
Tennessee.....	3,441	2,417	42.4	780	819	-4.7	--	--	--
West South Central	25,999	22,989	13.1	2,375	3,534	-32.8	76	W	W
Arkansas.....	2,699	2,678	.8	206	308	-33.2	--	--	--
Louisiana.....	2,379	2,835	-16.1	852	1,499	-43.2	W	W	W
Oklahoma.....	4,925	4,159	18.4	239	232	2.9	--	--	--
Texas.....	15,995	13,317	20.1	1,079	1,495	-27.9	W	--	--
Mountain	17,146	14,803	15.8	786	833	-5.6	W	W	W
Arizona.....	3,100	2,795	10.9	342	339	.8	--	--	--
Colorado.....	3,486	3,582	-2.7	98	139	-29.6	--	--	--
Idaho.....	--	--	--	W	W	W	--	--	--
Montana, New Mexico ¹	1,730	W	W	75	81	-7.2	W	W	W
Nevada.....	1,118	W	W	178	197	-9.7	--	--	--
Utah.....	4,210	3,516	19.7	62	52	19.5	--	--	--
Wyoming.....	3,502	2,655	31.9	W	W	W	--	--	--
Pacific ²	2,281	W	W	2,306	2,540	-9.2	101	33	203.0
California, Oregon, Washington, Hawaii, Alaska ¹	2,281	W	W	2,306	2,540	-9.2	101	33	W
U.S. Total	166,298	154,292	7.8	40,135	44,718	-10.2	867	612	41.7

¹ States' data are aggregated in order to protect confidentiality.

² Pacific Contiguous and Pacific Non-Contiguous were aggregated to Pacific to protect Census Division proprietary information.

W = Withheld to avoid disclosure of individual company data.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3.3. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by Census Division, November 2008

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007
Coal (thousand tons)							
New England.....	934	W	W	W	W	W	W
Middle Atlantic.....	6,872	5,965	15.2	W	W	W	W
East North Central.....	40,679	40,759	-2	28,252	29,701	12,427	11,058
West North Central.....	29,488	26,193	12.6	W	W	W	W
South Atlantic.....	26,642	28,640	-7.0	23,682	25,261	2,961	3,380
East South Central.....	16,257	12,401	31.1	15,501	11,298	756	1,102
West South Central.....	25,999	22,989	13.1	17,356	14,345	8,643	8,644
Mountain.....	17,146	14,803	15.8	16,015	W	1,130	W
Pacific Contiguous.....	1,926	1,256	53.3	W	W	W	W
Pacific Noncontiguous.....	355	W	W	W	--	W	W
U.S. Total.....	166,298	154,292	7.8	131,854	122,160	34,444	32,132
Petroleum Liquids (thousand barrels)							
New England.....	4,206	4,649	-9.5	639	810	3,566	3,839
Middle Atlantic.....	8,699	9,995	-13.0	2,890	2,904	5,809	7,091
East North Central.....	1,989	2,387	-16.7	1,619	1,923	370	464
West North Central.....	1,511	1,928	-21.7	1,472	1,898	38	30
South Atlantic.....	16,015	16,489	-2.9	12,353	12,476	3,663	4,013
East South Central.....	2,248	2,363	-4.9	2,201	2,269	47	94
West South Central.....	2,375	3,534	-32.8	2,305	3,232	70	303
Mountain.....	786	833	-5.6	704	753	82	80
Pacific Contiguous.....	759	1,014	-25.2	W	455	W	559
Pacific Noncontiguous.....	1,547	1,526	1.4	W	1,438	W	87
U.S. Total.....	40,135	44,718	-10.2	26,033	28,157	14,102	16,561
Petroleum Coke (thousand tons)							
New England.....	--	--	--	--	--	--	--
Middle Atlantic.....	41	W	W	--	--	41	W
East North Central.....	92	65	42.5	W	W	W	W
West North Central.....	W	W	W	W	W	--	--
South Atlantic.....	347	229	51.1	347	229	--	--
East South Central.....	W	W	W	--	--	W	W
West South Central.....	76	W	W	W	W	W	--
Mountain.....	W	W	W	--	--	W	W
Pacific Contiguous.....	101	33	203.0	--	--	101	33
Pacific Noncontiguous.....	--	--	--	--	--	--	--
U.S. Total.....	867	612	41.7	489	309	377	303

W = Withheld to avoid disclosure of individual company data.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3.4. Stocks of Coal by Coal Rank, 1994 through November 2008

Period	Electric Power Sector (Thousand Tons)			Total
	Bituminous Coal ¹	Sub-Bituminous Coal	Lignite Coal	
1994.....	NA	NA	NA	126,897
1995.....	NA	NA	NA	126,304
1996.....	NA	NA	NA	114,623
1997.....	NA	NA	NA	98,826
1998.....	NA	NA	NA	120,501
1999.....	NA	NA	NA	141,604
2000.....	NA	NA	NA	102,296
2001.....	NA	NA	NA	138,496
2002.....	70,704	66,593	4,417	141,714
2003.....	57,716	59,884	3,967	121,567
2004.....	49,022	53,618	4,029	106,669
2005.....	52,923	44,377	3,836	101,137
2006				
January.....	55,048	46,515	3,838	105,401
February.....	55,627	46,318	4,040	105,986
March.....	59,047	49,018	4,076	112,141
April.....	64,744	56,040	4,312	125,097
May.....	68,269	61,226	4,346	133,841
June.....	67,960	63,038	4,735	135,734
July.....	61,102	61,935	4,856	127,894
August.....	58,590	60,369	4,925	123,884
September.....	60,982	61,025	4,864	126,872
October.....	66,030	63,972	4,939	134,941
November.....	67,797	67,662	4,983	140,442
December.....	67,760	68,408	4,797	140,964
2007				
January.....	66,904	64,928	4,545	136,377
February.....	64,740	64,066	4,662	133,468
March.....	68,939	67,551	4,898	141,389
April.....	74,285	70,601	4,771	149,657
May.....	75,907	73,772	5,056	154,735
June.....	74,944	74,810	5,058	154,812
July.....	69,565	71,139	4,747	145,450
August.....	66,590	69,434	4,644	140,668
September.....	66,927	70,992	4,746	142,666
October.....	69,016	76,451	4,609	150,075
November.....	68,020	81,878	4,394	154,292
December.....	63,964	82,692	4,565	151,221
2008				
January.....	63,368	80,766	4,573	148,707
February.....	60,144	80,848	3,019	144,011
March.....	60,350	83,677	2,925	146,952
April.....	63,570	86,050	2,729	152,349
May.....	66,176	87,809	4,437	158,422
June.....	63,713	85,768	4,560	154,041
July.....	56,844	81,557	4,462	142,863
August.....	54,507	83,078	4,372	141,957
September.....	54,924	85,810	4,214	144,948
October.....	62,943	90,018	4,591	157,552
November.....	66,311	95,456	4,530	166,298

¹ Includes bituminous, anthracite, and coal synfuel.

NA = Not available.

Notes: • See Glossary for definitions. • Data excludes all waste coal. • Values for 2007 and prior years are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Chapter 4. Receipts and Cost of Fossil Fuels

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 1994 through November 2008

Period	Coal ¹						Petroleum Liquids ²					
	Receipts		Average Cost		Avg. Sulfur %	Percentage of Consumption ³	Receipts		Average Cost		Avg. Sulfur %	Percentage of Consumption
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)			(billion Btu)	(1000 barrels)	(dollars/10 ⁶ Btu)	(dollars/barrel)		
1994.....	17,200,731	831,929	1.36	28.03	1.2	NA	901,831	142,940	2.49	15.70	1.1	NA
1995.....	16,946,807	826,860	1.32	27.01	1.1	NA	532,564	84,292	2.68	16.93	.9	NA
1996.....	17,707,127	862,701	1.29	26.45	1.1	NA	673,845	106,629	3.16	19.95	1.0	NA
1997.....	18,095,870	880,588	1.27	26.16	1.1	NA	748,634	117,789	2.88	18.30	1.1	NA
1998.....	19,036,478	929,448	1.25	25.64	1.1	NA	1,048,098	165,191	2.14	13.55	1.1	NA
1999.....	18,460,617	908,232	1.22	24.72	1.0	NA	833,706	131,407	2.53	16.03	1.1	NA
2000.....	15,987,811	790,274	1.20	24.28	.9	NA	633,609	99,855	4.45	28.24	1.0	NA
2001.....	15,285,607	762,815	1.23	24.68	.9	NA	726,135	114,523	3.92	24.86	1.1	NA
2002.....	17,981,987	884,287	1.25	25.52	.9	88.0	623,354	98,581	3.87	24.45	.9	67.2
2003 ⁴	19,989,772	986,026	1.28	26.00	1.0	95.6	980,983	156,338	4.94	31.02	.8	82.6
2004.....	20,188,633	1,002,032	1.36	27.42	1.0	95.9	958,046	151,821	5.00	31.58	.9	81.7
2005.....	20,647,307	1,021,437	1.54	31.20	1.0	95.9	986,258	157,221	7.59	47.61	.8	84.7
2006												
January.....	1,869,772	92,932	1.67	33.53	1.0	103.6	76,215	12,165	8.65	54.18	.7	143.1
February.....	1,657,250	81,923	1.68	33.96	1.0	98.4	27,562	4,405	8.39	52.47	.8	64.2
March.....	1,826,821	89,939	1.71	34.70	1.0	106.1	19,780	3,157	8.74	54.78	.7	59.3
April.....	1,773,975	87,379	1.71	34.76	1.0	116.9	14,231	2,271	8.66	54.26	.7	38.5
May.....	1,847,997	91,388	1.70	34.34	1.0	110.5	34,529	5,503	8.84	55.50	.8	95.2
June.....	1,815,360	90,202	1.69	33.94	1.0	100.7	28,561	4,598	9.46	58.74	.7	59.7
July.....	1,783,929	89,571	1.68	33.45	.9	90.0	39,191	6,253	8.98	56.27	.7	64.5
August.....	1,917,151	95,321	1.70	34.15	1.0	94.8	49,221	7,839	9.34	58.62	.8	64.2
September.....	1,794,913	89,298	1.71	34.46	1.0	103.2	34,695	5,517	8.15	51.27	.9	90.8
October.....	1,859,363	92,504	1.70	34.26	1.0	107.6	22,514	3,606	7.98	49.83	.7	54.8
November.....	1,789,893	89,210	1.69	33.93	1.0	105.6	29,544	4,744	8.18	50.93	.7	71.1
December.....	1,798,678	90,276	1.69	33.61	.9	98.1	30,826	4,944	8.28	51.61	.6	75.2
Total.....	21,735,101	1,079,943	1.69	34.09	1.0	102.5	406,869	65,002	8.68	54.35	.7	74.0
2007												
January.....	1,744,204	87,188	1.74	34.82	1.0	92.9	27,964	4,497	8.10	50.36	.7	50.2
February.....	1,612,187	80,145	1.75	35.16	1.0	93.1	42,710	6,842	8.25	51.50	.7	46.9
March.....	1,809,836	89,418	1.76	35.66	1.0	106.5	28,652	4,565	7.81	49.01	.7	54.6
April.....	1,700,139	83,907	1.77	35.82	1.0	107.9	34,358	5,481	8.53	53.49	.8	72.6
May.....	1,765,637	87,172	1.77	35.88	1.0	104.9	41,126	6,574	8.97	56.13	.7	95.6
June.....	1,799,183	89,682	1.77	35.42	.9	97.8	37,782	6,032	9.78	61.23	.7	75.5
July.....	1,757,214	87,902	1.76	35.15	1.0	89.2	30,417	4,872	9.89	61.74	.7	62.7
August.....	1,875,692	93,592	1.77	35.52	1.0	92.5	39,170	6,279	10.18	63.50	.7	59.5
September.....	1,778,602	88,632	1.77	35.60	1.0	98.7	36,182	5,748	9.72	61.18	.7	84.9
October.....	1,824,224	91,175	1.77	35.41	1.0	106.3	18,521	2,996	11.50	71.11	.7	44.6
November.....	1,710,779	86,153	1.78	35.26	.9	102.1	21,358	3,434	12.93	80.43	.8	84.5
December.....	1,774,662	89,697	1.82	36.02	.9	96.0	17,020	2,748	13.25	82.10	.6	48.3
Total.....	21,152,358	1,054,664	1.77	35.48	1.0	98.6	375,260	60,068	9.59	59.93	.7	62.6
2008												
January.....	1,753,369	89,485	1.92	37.59	1.0	93.2	28,125	4,519	14.59	90.78	.5	73.9
February.....	1,637,445	82,256	1.88	37.47	1.0	93.2	21,951	3,601	15.14	92.31	.5	76.2
March.....	1,725,816	85,950	1.94	38.88	1.0	101.2	21,661	3,529	15.10	92.66	.6	84.2
April.....	1,708,777	85,536	1.97	39.32	1.0	108.3	32,729	5,255	14.95	93.14	.7	125.8
May.....	1,753,557	87,808	2.05	40.84	1.0	104.6	26,416	4,262	16.44	101.86	.8	97.8
June.....	1,693,216	84,475	2.09	41.81	1.0	92.1	44,487	7,112	18.37	114.92	.7	99.6
July.....	1,746,950	88,675	2.10	41.33	1.0	88.5	30,348	4,880	20.69	128.68	.7	84.3
August.....	1,865,682	93,924	2.18	43.40	1.0	96.1	27,789	4,467	19.63	122.12	.7	91.4
September.....	1,761,901	89,071	2.18	43.05	1.0	101.2	26,384	4,252	16.98	105.36	.7	75.1
October.....	1,845,020	92,650	2.18	43.45	1.0	112.1	23,048	3,733	15.55	95.99	.6	102.3
November.....	1,763,843	89,253	2.15	42.40	1.0	107.3	20,874	3,480	11.59	69.52	.5	85.4
Total.....	19,255,576	969,085	2.06	40.92	1.0	99.3	303,811	49,092	16.56	102.51	.6	89.6
Year to Date												
2006.....	19,936,423	989,666	1.69	34.13	1.0	102.9	376,043	60,058	8.72	54.57	.7	73.9
2007.....	19,377,696	964,967	1.76	35.43	1.0	98.9	358,240	57,320	9.42	58.87	.7	63.5
2008.....	19,255,576	969,085	2.06	40.92	1.0	99.3	303,811	49,092	16.56	102.51	.6	89.6
Rolling 12 Months Ending in November												
2007.....	21,176,374	1,055,243	1.76	35.27	1.0	98.8	389,066	62,264	9.33	58.29	.7	64.3
2008.....	21,030,238	1,058,782	2.04	40.50	1.0	99.0	320,831	51,840	16.39	101.43	.6	85.7

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ The Percent of Consumption calculation can be affected by a variety of factors, some of which may include: different respondents and response rates for the receipt and consumption surveys; plants may be adding receipts to their stockpiles; plants may be consuming fuel from existing stocks; and combined heat and power plants may be reporting fuel stocks related to non-electric generating activities.

⁴ The years 2002 and beyond include data for electric utilities, independent power producers, and commercial and industrial combined heat and power producers. The years prior to 2002 include data for electric utilities only.

NA = Not available.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • 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 Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 1994 through November 2008 (Continued)

Period	Petroleum Coke					Natural Gas ¹					All Fossil Fuels
	Receipts		Average Cost		Avg. Sulfur %	Percentage of Consumption ²	Receipts		Average Cost	Percentage of Consumption ³	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)			(billion Btu)	(1000 Mcf)	(dollars/10 ⁶ Btu)	(dollars/10 ⁶ Btu)	(dollars/10 ⁶ Btu)
1994.....	34,249	1,263	.69	18.68	4.8	NA	2,930,984	2,863,904	2.23	NA	1.52
1995.....	31,485	1,123	.65	18.27	5.1	NA	3,081,506	3,023,327	1.98	NA	1.45
1996.....	39,300	1,410	.78	21.80	4.8	NA	2,649,028	2,604,663	2.64	NA	1.52
1997.....	61,609	2,192	.91	25.64	4.9	NA	2,817,639	2,764,734	2.76	NA	1.52
1998.....	91,923	3,217	.71	20.36	5.0	NA	2,985,866	2,922,957	2.38	NA	1.44
1999.....	82,083	2,906	.65	18.47	5.3	NA	2,862,084	2,809,455	2.57	NA	1.44
2000.....	47,855	1,683	.58	16.62	5.1	NA	2,681,659	2,629,986	4.30	NA	1.74
2001.....	56,851	2,019	.78	22.07	5.1	NA	2,209,089	2,148,924	4.49	NA	1.73
2002.....	127,362	4,454	.78	22.32	5.0	60.6	5,749,844	5,607,737	3.56	80.3	1.86
2003.....	165,378	5,846	.72	20.39	5.3	82.7	5,663,023	5,500,704	5.39	86.8	2.28
2004 ³	196,606	6,967	.83	23.48	5.1	79.9	5,890,750	5,734,054	5.96	85.2	2.48
2005.....	211,776	7,502	1.11	31.35	5.2	82.3	6,356,868	6,181,717	8.21	88.1	3.25
2006											
January.....	20,797	740	1.10	30.99	5.2	90.3	381,760	371,210	9.11	89.5	3.10
February.....	19,032	678	1.17	32.97	5.1	92.7	406,801	395,788	7.84	91.2	2.95
March.....	18,356	654	1.20	33.68	5.2	93.1	469,616	456,911	7.17	90.8	2.86
April.....	14,643	517	1.26	35.66	5.4	73.1	484,099	471,257	7.13	91.5	2.90
May.....	16,315	580	1.33	37.50	5.5	86.8	555,809	541,251	6.75	89.9	2.94
June.....	17,129	605	1.32	37.48	5.2	81.8	678,036	660,123	6.47	90.5	3.05
July.....	17,043	599	1.39	39.49	5.1	74.7	898,770	875,647	6.48	90.0	3.36
August.....	16,270	569	1.47	42.12	5.0	74.7	869,437	846,802	7.33	89.1	3.54
September.....	17,130	603	1.49	42.32	4.8	86.4	599,081	583,562	6.17	90.4	2.90
October.....	17,849	631	1.34	37.96	5.1	91.5	581,287	565,964	5.51	89.7	2.65
November.....	15,354	543	1.51	42.61	5.0	86.2	455,695	443,825	7.28	90.4	2.89
December.....	13,351	472	1.42	40.19	5.2	70.5	475,288	462,904	7.43	89.8	2.95
Total.....	203,270	7,193	1.33	37.46	5.2	83.4	6,855,680	6,675,246	6.94	90.2	3.02
2007											
January.....	15,308	541	1.54	43.70	4.9	78.8	509,465	496,002	6.81	90.2	2.94
February.....	13,872	487	1.64	46.73	5.2	85.4	475,630	462,500	7.87	90.7	3.23
March.....	9,737	343	1.50	42.64	5.4	59.4	475,814	463,324	7.44	92.2	3.00
April.....	12,751	450	1.53	43.47	4.8	79.7	511,190	497,885	7.54	92.5	3.18
May.....	13,149	459	1.51	43.40	5.1	75.6	562,978	547,757	7.73	91.9	3.30
June.....	12,377	435	1.57	44.86	5.3	63.4	675,226	656,915	7.60	91.4	3.44
July.....	17,206	606	1.43	40.71	5.0	95.2	793,191	771,850	6.87	90.0	3.41
August.....	12,850	451	1.54	44.02	5.0	67.7	967,093	941,338	6.62	87.4	3.50
September.....	14,574	510	1.55	44.41	5.1	84.4	719,961	700,586	6.12	90.0	3.11
October.....	12,661	445	1.37	38.92	5.2	82.2	646,023	629,230	6.78	89.9	3.13
November.....	13,588	475	1.47	42.07	4.9	89.9	503,318	490,634	7.11	91.0	3.07
December.....	13,018	456	1.45	41.50	5.1	72.2	556,344	542,296	7.68	91.2	3.28
Total.....	161,091	5,656	1.51	43.02	5.1	77.5	7,396,233	7,200,316	7.11	90.4	3.23
2008											
January.....	13,960	492	1.48	41.92	5.2	82.1	620,316	604,867	8.18	96.6	3.67
February.....	9,769	348	1.61	45.04	5.4	62.2	524,453	511,806	8.62	98.3	3.63
March.....	15,104	533	1.54	43.75	5.4	100.1	546,084	532,231	9.29	96.1	3.80
April.....	14,632	515	1.61	45.88	5.4	101.6	550,299	536,097	9.96	98.7	4.06
May.....	12,382	436	1.78	50.62	5.5	87.5	563,724	549,086	10.70	97.8	4.28
June.....	14,186	499	1.82	51.87	5.3	85.1	767,583	746,828	12.21	98.2	5.46
July.....	15,205	535	1.77	50.27	5.0	102.0	875,198	852,338	11.90	96.9	5.52
August.....	13,020	456	2.42	69.06	5.2	87.5	858,618	835,930	9.11	97.2	4.51
September.....	12,184	425	2.17	62.30	5.1	86.7	691,820	672,394	7.87	99.1	3.91
October.....	14,551	510	2.14	61.13	5.0	91.0	637,764	621,196	6.76	97.7	3.46
November.....	15,202	535	2.05	58.31	5.1	111.4	544,678	530,597	6.49	97.1	3.24
Total.....	150,196	5,284	1.85	52.69	5.2	90.2	7,180,538	6,993,369	9.34	97.6	4.17
Year to Date											
2006.....	189,920	6,721	1.32	37.27	5.2	84.5	6,380,391	6,212,342	6.90	90.2	3.03
2007.....	148,073	5,200	1.51	43.16	5.1	78.0	6,839,889	6,658,021	7.06	90.4	3.22
2008.....	150,196	5,284	1.85	52.69	5.2	90.2	7,180,538	6,993,369	9.34	97.6	4.17
Rolling 12 Months Ending in November											
2007.....	161,424	5,671	1.51	42.91	5.1	77.3	7,315,177	7,120,924	7.08	90.3	3.20
2008.....	163,214	5,740	1.82	51.80	5.2	88.4	7,736,883	7,535,665	9.22	97.1	4.10

¹ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

² The Percent of Consumption calculation can be affected by a variety of factors, some of which may include: different respondents and response rates for the receipt and consumption surveys; plants may be adding receipts to their stockpiles; plants may be consuming fuel from existing stocks; and combined heat and power plants may be reporting fuel stocks related to non-electric generating activities.

³ The years 2002 and beyond include data for electric utilities, independent power producers, and commercial and industrial combined heat and power producers. The years prior to 2002 include data for electric utilities only.

NA = Not available.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • 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 Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 1994 through November 2008

Period	Coal ¹					Petroleum Liquids ²				
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost		Avg. Sulfur %
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)		(billion Btu)	(1000 barrels)	(dollars/10 ⁶ Btu)	(dollars/barrel)	
1994.....	17,200,731	831,929	1.36	28.03	1.2	901,831	142,940	2.49	15.70	1.1
1995.....	16,946,807	826,860	1.32	27.01	1.1	532,564	84,292	2.68	16.93	.9
1996.....	17,707,127	862,701	1.29	26.45	1.1	673,845	106,629	3.16	19.95	1.0
1997.....	18,095,870	880,588	1.27	26.16	1.1	748,634	117,789	2.88	18.30	1.1
1998.....	19,036,478	929,448	1.25	25.64	1.1	1,048,098	165,191	2.14	13.55	1.1
1999.....	18,460,617	908,232	1.22	24.72	1.0	833,706	131,407	2.53	16.03	1.1
2000.....	15,987,811	790,274	1.20	24.28	.9	633,609	99,855	4.45	28.24	1.0
2001.....	15,285,607	762,815	1.23	24.68	.9	726,135	114,523	3.92	24.85	1.1
2002.....	13,967,326	687,747	1.22	24.74	.9	407,442	63,809	3.74	23.88	1.0
2003.....	15,292,394	746,594	1.26	25.82	.9	605,651	95,534	4.68	29.66	1.0
2004.....	15,440,681	758,557	1.34	27.30	.9	592,478	93,034	4.80	30.57	1.0
2005.....	15,836,924	775,890	1.53	31.22	.9	566,320	89,303	7.17	45.46	.9
2006										
January.....	1,373,759	67,594	1.65	33.56	.9	46,060	7,306	8.31	52.41	.8
February.....	1,228,991	60,184	1.67	34.11	1.0	17,917	2,828	7.96	50.45	.9
March.....	1,349,522	65,909	1.69	34.59	1.0	13,298	2,090	8.34	53.03	.7
April.....	1,333,470	65,065	1.70	34.83	.9	10,036	1,576	8.05	51.26	.8
May.....	1,380,787	67,771	1.70	34.68	.9	26,894	4,236	8.53	54.14	.9
June.....	1,356,678	66,912	1.68	34.06	.9	21,621	3,436	9.19	57.82	.8
July.....	1,341,826	66,654	1.67	33.66	.9	23,725	3,722	8.51	54.26	.9
August.....	1,421,778	69,991	1.70	34.43	.9	32,389	5,063	8.82	56.40	.9
September.....	1,334,996	65,787	1.70	34.53	.9	26,217	4,119	7.94	50.54	1.0
October.....	1,387,772	68,343	1.71	34.66	.9	12,990	2,053	7.57	47.89	.9
November.....	1,336,886	65,951	1.68	34.01	.9	19,741	3,109	7.84	49.78	.7
December.....	1,351,388	67,200	1.69	33.95	.9	18,145	2,877	8.03	50.67	.7
Total.....	16,197,852	797,361	1.69	34.26	.9	269,033	42,415	8.33	52.80	.8
2007										
January.....	1,263,548	62,627	1.75	35.33	.9	11,580	1,831	7.31	46.24	.7
February.....	1,186,435	58,297	1.76	35.85	.9	18,268	2,877	7.91	50.22	.7
March.....	1,330,103	65,104	1.78	36.31	.9	15,739	2,475	7.50	47.66	.6
April.....	1,249,482	61,055	1.79	36.57	.9	18,611	2,917	8.47	54.02	.9
May.....	1,310,600	64,184	1.78	36.40	.9	26,732	4,202	8.72	55.49	.8
June.....	1,336,724	65,784	1.77	35.87	.9	25,145	3,945	9.46	60.32	.8
July.....	1,300,209	64,338	1.76	35.66	.9	17,699	2,780	9.29	59.12	.8
August.....	1,382,724	68,115	1.77	36.02	1.0	27,003	4,243	9.64	61.32	.8
September.....	1,295,271	63,870	1.78	36.18	.9	25,201	3,958	9.07	57.72	.8
October.....	1,327,368	65,455	1.78	36.13	.9	9,411	1,487	10.70	67.71	.8
November.....	1,259,332	62,648	1.78	35.84	.9	13,121	2,063	12.73	80.99	.9
December.....	1,319,599	65,901	1.83	36.58	.9	7,840	1,248	12.96	81.41	.5
Total.....	15,561,395	767,377	1.78	36.06	.9	216,349	34,026	9.24	58.73	.8
2008										
January.....	1,237,669	61,516	1.87	37.68	.9	16,710	2,641	14.16	89.59	.5
February.....	1,182,617	58,711	1.87	37.74	.9	14,796	2,418	15.13	92.60	.4
March.....	1,262,047	62,321	1.92	38.97	.9	14,139	2,290	15.18	93.76	.6
April.....	1,243,294	61,753	1.95	39.21	.9	23,380	3,721	14.72	92.46	.7
May.....	1,288,629	63,914	2.04	41.12	.9	20,572	3,289	15.60	97.55	.8
June.....	1,250,454	61,901	2.08	41.97	1.0	32,767	5,204	17.59	110.72	.7
July.....	1,286,787	64,555	2.09	41.72	.9	20,299	3,237	20.23	126.91	.7
August.....	1,358,226	67,588	2.18	43.91	1.0	20,130	3,209	19.35	121.37	.7
September.....	1,293,911	64,531	2.19	43.85	.9	19,949	3,175	16.48	103.57	.8
October.....	1,343,356	66,702	2.19	44.18	1.0	13,325	2,142	16.68	103.80	.5
November.....	1,296,740	64,887	2.17	43.39	1.0	12,071	2,014	12.52	75.06	.4
Total.....	14,043,729	698,379	2.05	41.33	.9	208,138	33,340	16.43	102.54	.6
Year to Date										
2006.....	14,846,464	730,161	1.69	34.29	.9	250,888	39,538	8.35	52.96	.8
2007.....	14,241,796	701,476	1.77	36.01	.9	208,509	32,778	9.10	57.86	.8
2008.....	14,043,729	698,379	2.05	41.33	.9	208,138	33,340	16.43	102.54	.6
Rolling 12 Months Ending in November										
2007.....	15,593,185	768,677	1.77	35.83	.9	226,654	35,655	9.01	57.28	.8
2008.....	15,363,328	764,279	2.04	40.92	.9	215,977	34,588	16.30	101.78	.6

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms. • Mcf = thousand cubic feet.

Sources: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 1994 through November 2008 (Continued)

Period	Petroleum Coke					Natural Gas ¹			All Fossil Fuels ²
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)		(billion Btu)	(1000 Mcf)	(dollars/10 ⁶ Btu)		(dollars/10^{6} Btu)
1994.....	34,249	1,263	.69	18.68	4.8	2,930,984	2,863,904	2.23	1.52
1995.....	31,485	1,123	.65	18.27	5.1	3,081,506	3,023,327	1.98	1.45
1996.....	39,300	1,410	.78	21.80	4.8	2,649,028	2,604,663	2.64	1.52
1997.....	61,609	2,192	.91	25.64	4.9	2,817,639	2,764,734	2.76	1.52
1998.....	91,923	3,217	.71	20.36	5.0	2,985,866	2,922,957	2.38	1.44
1999.....	82,083	2,906	.65	18.47	5.3	2,862,084	2,809,455	2.57	1.44
2000.....	47,855	1,683	.58	16.62	5.1	2,681,659	2,629,986	4.30	1.74
2001.....	56,851	2,019	.78	22.07	5.1	2,209,089	2,148,924	4.49	1.73
2002.....	75,711	2,677	.63	17.68	5.0	1,680,518	1,634,734	3.68	1.53
2003.....	89,618	3,165	.74	20.94	5.5	1,486,088	1,439,513	5.59	1.74
2004.....	107,985	3,817	.89	25.15	5.1	1,542,746	1,499,933	6.15	1.87
2005.....	102,450	3,632	1.29	36.31	5.2	1,835,221	1,780,721	8.32	2.38
2006									
January.....	9,677	344	1.25	35.12	5.3	106,540	103,317	9.41	2.39
February.....	11,007	392	1.25	34.99	5.1	123,715	120,288	8.16	2.33
March.....	10,815	387	1.30	36.26	5.2	149,331	145,420	7.62	2.33
April.....	6,799	240	1.48	41.93	5.6	161,706	157,427	7.55	2.37
May.....	7,043	250	1.62	45.61	5.6	186,891	181,911	7.28	2.47
June.....	9,382	329	1.49	42.52	5.3	232,816	226,476	6.92	2.53
July.....	8,208	289	1.58	44.92	5.0	292,095	284,404	6.90	2.69
August.....	7,791	272	1.65	47.24	4.8	290,318	282,331	7.58	2.80
September.....	9,165	321	1.71	48.88	4.7	199,144	194,027	6.90	2.47
October.....	8,399	297	1.57	44.39	5.1	183,750	178,972	6.13	2.26
November.....	7,105	250	1.73	49.16	4.7	146,580	142,895	7.68	2.34
December.....	4,078	146	1.51	42.22	5.1	149,402	145,645	7.77	2.36
Total.....	99,471	3,516	1.49	42.21	5.1	2,222,289	2,163,113	7.36	2.45
2007									
January.....	8,788	309	1.76	49.98	4.8	156,632	152,422	7.38	2.41
February.....	8,985	315	1.88	53.53	5.1	144,041	140,124	8.29	2.54
March.....	5,626	197	1.71	48.82	5.5	145,810	142,169	7.89	2.43
April.....	6,964	244	1.68	47.83	4.8	161,569	157,595	7.86	2.56
May.....	7,042	245	1.77	50.79	4.9	181,055	176,114	7.98	2.64
June.....	5,922	206	1.84	52.72	5.9	225,244	218,995	7.84	2.75
July.....	9,251	322	1.73	49.65	5.0	255,995	248,979	7.32	2.75
August.....	6,478	226	1.69	48.30	5.0	314,094	305,479	6.99	2.84
September.....	7,412	259	1.75	50.22	5.3	238,916	232,422	6.58	2.63
October.....	5,849	205	1.62	46.22	5.4	217,155	211,612	7.02	2.56
November.....	7,302	254	1.64	47.07	4.7	163,259	159,449	7.49	2.53
December.....	5,195	182	1.67	47.63	4.9	174,334	170,277	7.98	2.60
Total.....	84,812	2,964	1.73	49.57	5.1	2,378,104	2,315,637	7.47	2.61
2008									
January.....	6,365	224	1.86	52.82	5.2	216,571	211,516	8.31	2.95
February.....	4,833	175	2.05	56.78	5.8	181,096	177,054	8.81	2.92
March.....	8,198	289	1.92	54.35	5.3	194,660	190,001	9.30	3.02
April.....	6,701	235	1.86	52.93	5.5	187,204	182,377	9.92	3.17
May.....	5,712	201	2.05	58.33	5.9	215,107	209,607	10.62	3.43
June.....	5,647	197	2.05	58.78	5.6	279,129	271,743	11.69	4.11
July.....	6,664	233	1.78	50.80	4.9	306,209	298,348	11.62	4.12
August.....	8,006	280	2.41	68.81	5.6	311,444	303,182	9.09	3.66
September.....	6,595	229	2.31	66.33	5.3	251,910	244,588	8.15	3.32
October.....	8,196	285	2.21	63.37	4.8	232,868	227,081	6.94	3.01
November.....	8,313	290	2.37	67.88	5.0	195,078	190,218	6.83	2.86
Total.....	75,229	2,639	2.09	59.61	5.3	2,571,277	2,505,715	9.33	3.34
Year to Date									
2006.....	95,392	3,370	1.49	42.20	5.1	2,072,887	2,017,468	7.33	2.46
2007.....	79,616	2,783	1.74	49.69	5.1	2,203,769	2,145,360	7.43	2.61
2008.....	75,229	2,639	2.09	59.61	5.3	2,571,277	2,505,715	9.33	3.34
Rolling 12 Months Ending in November									
2007.....	83,695	2,928	1.73	49.32	5.1	2,353,171	2,291,006	7.45	2.59
2008.....	80,425	2,821	2.06	58.84	5.3	2,745,612	2,675,992	9.25	3.28

¹ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

² Includes blast furnace gas and other gases in years prior to 2001.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms. • Mcf = thousand cubic feet.

Sources: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 1994 through November 2008

Period	Coal ¹					Petroleum Liquids ²				
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost		Avg. Sulfur %
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)		(billion Btu)	(1000 barrels)	(dollars/10 ⁶ Btu)	(dollars/barrel)	
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002.....	3,710,847	182,482	1.37	27.96	1.2	186,271	30,043	4.19	25.98	.6
2003 ³	4,365,996	223,984	1.34	26.20	1.2	347,546	56,138	5.41	33.50	.6
2004.....	4,410,775	227,700	1.41	27.27	1.1	337,011	54,152	5.35	33.31	.6
2005.....	4,459,333	229,071	1.56	30.39	1.1	381,871	61,753	8.30	51.34	.5
2006										
January.....	469,304	24,068	1.69	32.93	1.1	27,763	4,478	9.25	57.31	.6
February.....	402,471	20,523	1.68	32.93	1.1	7,423	1,223	9.44	57.29	.7
March.....	451,544	22,820	1.75	34.55	1.1	4,435	741	10.39	62.17	.3
April.....	414,739	21,090	1.73	34.07	1.1	2,903	489	11.09	65.83	.3
May.....	437,491	22,231	1.66	32.66	1.1	6,028	994	10.58	64.17	.4
June.....	429,765	21,928	1.68	32.99	1.1	5,589	930	10.83	65.08	.4
July.....	415,701	21,667	1.68	32.24	1.0	13,972	2,272	9.90	60.87	.5
August.....	464,934	23,878	1.69	32.82	1.1	14,899	2,432	10.66	65.30	.5
September.....	430,972	22,152	1.73	33.66	1.1	7,119	1,162	9.08	55.63	.3
October.....	442,207	22,762	1.68	32.58	1.1	8,133	1,326	8.74	53.58	.4
November.....	424,409	21,903	1.70	33.02	1.1	8,384	1,409	9.10	54.15	.4
December.....	420,864	21,833	1.66	32.06	1.1	10,877	1,780	8.83	53.98	.4
Total.....	5,204,402	266,856	1.69	33.04	1.1	117,524	19,236	9.65	58.98	.5
2007										
January.....	456,799	23,508	1.68	32.72	1.1	12,173	1,992	9.25	56.55	.5
February.....	401,717	20,796	1.68	32.36	1.1	20,613	3,354	8.78	53.96	.5
March.....	452,869	23,107	1.69	33.19	1.1	9,017	1,461	8.59	53.01	.6
April.....	423,480	21,642	1.69	32.97	1.2	12,252	1,975	8.92	55.36	.5
May.....	427,571	21,767	1.71	33.57	1.1	11,553	1,879	9.78	60.12	.5
June.....	435,191	22,679	1.74	33.39	1.0	10,249	1,684	10.74	65.37	.5
July.....	428,842	22,306	1.71	32.93	1.1	10,506	1,721	11.06	67.52	.4
August.....	464,947	24,224	1.74	33.44	1.0	9,956	1,663	11.94	71.49	.3
September.....	457,966	23,642	1.72	33.26	1.1	8,764	1,432	11.62	71.07	.4
October.....	471,521	24,585	1.71	32.87	1.1	7,047	1,177	12.91	77.25	.3
November.....	425,488	22,335	1.73	32.93	1.0	6,253	1,054	13.85	82.16	.4
December.....	429,062	22,625	1.78	33.66	1.0	6,641	1,093	14.06	85.45	.4
Total.....	5,275,454	273,216	1.72	33.11	1.1	125,025	20,486	10.49	64.01	.5
2008										
January.....	488,171	26,738	2.01	36.78	1.2	8,663	1,439	16.07	96.74	.4
February.....	429,134	22,388	1.88	35.95	1.1	5,059	848	16.11	96.05	.4
March.....	436,425	22,370	1.94	37.94	1.0	5,372	889	15.62	94.34	.4
April.....	437,485	22,524	2.00	38.78	1.1	6,711	1,113	16.51	99.52	.3
May.....	437,418	22,646	2.03	39.30	1.1	3,638	622	22.26	130.28	.5
June.....	416,021	21,371	2.08	40.54	1.2	9,634	1,576	21.60	132.06	.4
July.....	431,619	22,837	2.07	39.12	1.0	7,476	1,231	22.31	135.45	.4
August.....	479,114	25,063	2.14	40.89	1.0	5,016	837	21.43	128.47	.4
September.....	440,112	23,273	2.09	39.49	1.0	4,113	696	19.70	116.50	.4
October.....	474,504	24,703	2.10	40.36	1.1	8,063	1,320	14.35	87.67	.5
November.....	440,070	23,136	2.01	38.27	1.1	6,824	1,145	10.65	63.45	.4
Total.....	4,910,073	257,049	2.03	38.85	1.1	70,569	11,716	17.69	106.53	.4
Year to Date										
2006.....	4,783,538	245,022	1.70	33.13	1.1	106,647	17,457	9.74	59.49	.5
2007.....	4,846,392	250,591	1.71	33.06	1.1	118,384	19,393	10.29	62.80	.5
2008.....	4,910,073	257,049	2.03	38.85	1.1	70,569	11,716	17.69	106.53	.4
Rolling 12 Months Ending in November										
2007.....	5,267,256	272,424	1.71	32.98	1.1	129,261	21,173	10.17	62.06	.4
2008.....	5,339,135	279,673	2.01	38.43	1.1	77,210	12,808	17.37	104.73	.4

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Prior to 2002, these data were not collected from Independent Power Producers.

NA = Not available.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. • Monetary values are expressed in nominal terms. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 1994 through November 2008 (Continued)

Period	Petroleum Coke					Natural Gas ¹			All Fossil Fuels ²
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)		(billion Btu)	(1000 Mcf)	(dollars/10 ⁶ Btu)		(dollars/10^{6} Btu)
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002.....	47,805	1,639	1.03	29.98	4.9	3,198,108	3,126,308	3.55	2.42
2003.....	59,377	2,086	.60	17.16	4.9	3,335,086	3,244,368	5.33	3.15
2004 ³	73,745	2,609	.72	20.30	5.0	3,491,942	3,403,474	5.86	3.43
2005.....	92,706	3,277	.90	25.42	5.1	3,675,165	3,578,722	8.20	4.69
2006									
January.....	8,769	311	.84	23.77	5.2	200,874	195,734	8.62	3.95
February.....	6,479	229	1.01	28.46	5.0	215,742	210,250	7.58	3.78
March.....	6,126	216	.99	28.14	5.0	246,622	239,907	6.88	3.58
April.....	6,543	230	.99	28.11	5.2	252,317	245,888	6.86	3.68
May.....	7,610	270	1.00	28.27	5.4	294,638	287,200	6.35	3.58
June.....	6,579	234	1.05	29.47	5.2	373,558	363,905	6.26	3.84
July.....	7,469	262	1.12	31.87	5.1	530,604	517,421	6.31	4.33
August.....	6,865	240	1.20	34.33	5.1	502,301	489,628	7.24	4.64
September.....	6,899	242	1.16	33.11	4.9	327,241	318,905	5.63	3.45
October.....	8,681	306	1.10	31.14	5.2	314,379	306,245	5.31	3.22
November.....	6,560	232	1.18	33.40	5.2	235,557	229,512	7.05	3.66
December.....	7,345	259	1.24	35.13	5.0	249,031	242,507	7.14	3.75
Total.....	85,924	3,031	1.07	30.34	5.1	3,742,865	3,647,102	6.66	3.82
2007									
January.....	5,044	179	1.06	29.95	4.7	271,250	264,329	6.61	3.60
February.....	3,608	126	.98	27.89	5.2	259,502	252,437	7.76	4.19
March.....	2,885	103	.96	26.93	5.1	254,991	248,108	7.19	3.72
April.....	4,273	152	1.12	31.62	4.5	276,635	269,281	7.39	4.01
May.....	4,507	157	.97	27.97	5.0	304,554	296,520	7.60	4.23
June.....	4,705	166	1.09	30.93	4.7	375,148	365,395	7.44	4.44
July.....	5,909	210	.99	27.82	4.9	460,353	448,243	6.58	4.29
August.....	4,491	158	1.09	30.94	4.7	572,300	557,638	6.46	4.40
September.....	5,171	182	1.01	28.77	4.8	406,755	396,043	5.91	3.75
October.....	5,568	196	.93	26.48	5.0	352,026	342,877	6.69	3.90
November.....	4,797	169	1.01	28.80	5.0	264,594	257,759	6.86	3.77
December.....	5,622	197	1.03	29.20	5.1	299,717	291,917	7.59	4.23
Total.....	56,580	1,994	1.02	28.95	4.9	4,097,825	3,990,546	6.92	4.06
2008									
January.....	6,162	217	.97	27.48	5.0	321,734	313,631	8.26	4.59
February.....	3,910	137	.95	27.14	4.8	269,950	263,343	8.60	4.54
March.....	5,646	199	.92	26.08	5.3	278,041	270,955	9.35	4.87
April.....	6,537	231	1.21	34.27	5.2	286,883	279,760	10.06	5.26
May.....	5,260	185	1.28	36.33	5.1	267,168	260,314	10.73	5.39
June.....	6,715	236	1.26	35.87	5.1	395,814	385,146	12.67	7.37
July.....	6,508	230	1.34	37.88	5.1	476,932	464,525	11.99	7.36
August.....	3,102	108	1.83	52.68	4.5	453,831	441,995	9.09	5.59
September.....	4,318	151	1.60	45.69	4.8	364,488	354,372	7.56	4.63
October.....	4,575	161	1.49	42.35	5.1	323,334	314,573	6.44	3.95
November.....	5,636	200	1.28	36.09	5.2	274,839	267,649	6.24	3.69
Total.....	58,369	2,056	1.26	35.67	5.1	3,713,016	3,616,264	9.36	5.26
Year to Date									
2006.....	78,579	2,772	1.05	29.89	5.1	3,493,834	3,404,595	6.63	3.83
2007.....	50,957	1,796	1.02	28.92	4.9	3,798,108	3,698,629	6.87	4.04
2008.....	58,369	2,056	1.26	35.67	5.1	3,713,016	3,616,264	9.36	5.26
Rolling 12 Months Ending in November									
2007.....	58,302	2,055	1.05	29.70	4.9	4,047,139	3,941,136	6.89	4.02
2008.....	63,991	2,254	1.24	35.10	5.1	4,012,732	3,908,181	9.22	5.18

¹ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

² Includes blast furnace gas and other gases in years prior to 2001.

³ Prior to 2002, these data were not collected from Independent Power Producers.

NA = Not available.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. • Monetary values are expressed in nominal terms. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 1994 through November 2008

Period	Coal					Petroleum Liquids ¹				
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost		Avg. Sulfur %
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)		(billion Btu)	(1000 barrels)	(dollars/10 ⁶ Btu)	(dollars/barrel)	
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002.....	9,580	399	2.10	50.44	2.6	503	91	5.38	29.73	*
2003 ²	8,835	372	1.99	47.24	2.4	248	43	7.00	40.82	*
2004.....	10,682	451	2.08	49.32	2.5	3,066	527	6.19	35.96	.2
2005.....	11,081	464	2.57	61.21	2.4	1,684	289	8.28	48.22	.2
2006										
January.....	1,440	60	2.57	61.45	2.5	71	12	13.48	78.40	.2
February.....	1,013	42	2.65	63.36	2.4	177	30	13.85	80.79	.1
March.....	875	38	2.39	54.69	3.0	72	12	14.19	82.55	.2
April.....	632	27	2.65	62.05	2.5	70	12	14.19	82.54	.2
May.....	896	38	2.65	62.65	2.6	56	10	13.12	76.33	.2
June.....	1,084	47	2.56	59.39	2.7	124	21	13.36	77.99	.2
July.....	805	35	2.42	56.24	2.8	50	9	12.58	73.23	.3
August.....	1,310	55	2.57	61.04	2.5	35	6	12.68	73.81	.3
September.....	796	34	2.60	61.00	2.5	13	2	12.60	73.39	.3
October.....	988	41	2.94	70.65	2.1	89	15	13.09	76.73	.1
November.....	1,093	47	2.73	64.07	2.4	23	4	12.90	75.01	.2
December.....	1,274	54	2.77	64.95	2.4	18	3	14.51	84.32	.1
Total.....	12,207	518	2.63	61.95	2.5	798	137	13.50	78.70	.2
2007										
January.....	1,315	56	2.65	62.79	2.3	48	8	10.70	62.28	.2
February.....	1,318	56	2.84	67.15	2.3	18	3	11.58	67.47	.3
March.....	1,046	45	2.78	65.16	2.4	34	6	13.00	75.66	.1
April.....	897	39	2.55	58.74	2.8	19	3	14.18	82.67	.1
May.....	957	41	2.62	60.84	2.8	25	4	14.62	85.17	.3
June.....	798	34	2.60	60.25	2.8	72	12	15.52	90.91	.1
July.....	1,324	56	2.70	63.95	2.7	6	1	15.97	93.14	.1
August.....	1,028	45	2.47	56.68	2.9	7	1	15.75	92.05	.2
September.....	1,019	43	2.78	66.19	2.5	7	1	15.94	93.20	.1
October.....	952	41	2.76	64.71	2.4	2	*	16.40	96.01	.3
November.....	978	42	2.69	62.48	2.5	4	1	20.20	118.15	.1
December.....	786	35	2.51	57.08	2.9	8	1	19.80	115.56	.1
Total.....	12,419	531	2.67	62.46	2.6	249	43	14.04	81.93	.2
2008										
January.....	889	39	2.68	60.97	2.5	28	5	17.91	104.05	*
February.....	730	32	2.63	59.63	2.7	17	3	17.50	101.18	.1
March.....	879	37	2.77	65.07	2.3	18	3	20.23	117.74	*
April.....	811	34	2.89	69.24	2.2	15	3	20.17	117.43	.1
May.....	762	32	2.72	65.01	2.3	23	4	21.23	122.85	.2
June.....	956	41	2.77	65.04	2.2	16	3	20.79	121.40	.1
July.....	1,469	60	3.12	76.30	2.0	18	3	24.07	140.06	.2
August.....	1,112	46	3.23	77.45	2.5	14	2	22.20	128.76	.2
September.....	1,203	50	3.91	94.54	2.1	12	2	21.87	127.44	.1
October.....	882	36	3.48	84.43	2.1	47	8	16.56	96.14	.2
November.....	879	36	3.49	85.12	2.3	28	5	15.10	87.66	.2
Total.....	10,572	444	3.10	73.96	2.3	236	41	19.04	110.60	.1
Year to Date										
2006.....	10,933	464	2.61	61.60	2.5	780	134	13.48	78.57	.2
2007.....	11,633	497	2.68	62.84	2.6	241	41	13.84	80.75	.2
2008.....	10,572	444	3.10	73.96	2.3	236	41	19.04	110.60	.1
Rolling 12 Months Ending in November										
2007.....	12,906	551	2.69	63.05	2.5	259	44	13.88	81.00	.2
2008.....	11,358	478	3.06	72.74	2.3	245	42	19.07	110.77	.1

¹ Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

² Prior to 2002, these data were not collected from the Commercial Sector.

NA = Not available.

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

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. • Monetary values are expressed in nominal terms. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 1994 through November 2008 (Continued)

Period	Petroleum Coke					Natural Gas ¹			All Fossil Fuels ²
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)		(billion Btu)	(1000 Mcf)	(dollars/10 ⁶ Btu)		(dollars/10^{6} Btu)
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002.....	NA	NA	NA	NA	NA	18,671	18,256	3.44	3.03
2003.....	NA	NA	NA	NA	NA	18,169	17,827	4.96	4.02
2004 ³	NA	NA	NA	NA	NA	16,176	15,804	5.93	4.58
2005.....	NA	NA	NA	NA	NA	17,600	17,142	8.38	6.25
2006									
January.....	--	--	--	--	--	1,855	1,805	10.37	7.10
February.....	--	--	--	--	--	1,807	1,759	9.98	7.73
March.....	--	--	--	--	--	1,798	1,751	9.22	7.18
April.....	--	--	--	--	--	1,662	1,620	7.95	6.72
May.....	--	--	--	--	--	1,751	1,707	7.58	6.06
June.....	--	--	--	--	--	1,685	1,639	7.69	6.01
July.....	--	--	--	--	--	1,919	1,872	7.42	6.06
August.....	--	--	--	--	--	1,815	1,769	8.14	5.88
September.....	--	--	--	--	--	1,743	1,702	7.36	5.90
October.....	--	--	--	--	--	1,876	1,827	7.25	5.98
November.....	--	--	--	--	--	1,621	1,578	8.31	6.12
December.....	--	--	--	--	--	1,839	1,791	8.57	6.24
Total.....	--	--	--	--	--	21,369	20,819	8.33	6.42
2007									
January.....	--	--	--	--	--	2,177	2,125	8.69	6.47
February.....	--	--	--	--	--	2,267	2,209	9.29	6.94
March.....	--	--	--	--	--	2,134	2,082	8.65	6.78
April.....	--	--	--	--	--	1,855	1,809	7.97	6.25
May.....	--	--	--	--	--	1,804	1,759	7.77	6.06
June.....	--	--	--	--	--	1,770	1,732	7.87	6.49
July.....	--	--	--	--	--	1,863	1,821	7.05	5.26
August.....	--	--	--	--	--	2,076	2,029	7.16	5.63
September.....	--	--	--	--	--	1,822	1,781	6.84	5.41
October.....	--	--	--	--	--	1,876	1,837	7.36	5.82
November.....	--	--	--	--	--	1,758	1,720	7.66	5.90
December.....	--	--	--	--	--	2,100	2,051	8.98	7.26
Total.....	--	--	--	--	--	23,502	22,955	7.99	6.20
2008									
January.....	--	--	--	--	--	2,388	2,315	9.15	7.48
February.....	--	--	--	--	--	2,256	2,183	9.55	7.92
March.....	--	--	--	--	--	2,111	2,041	10.13	8.04
April.....	--	--	--	--	--	1,814	1,774	10.43	8.17
May.....	--	--	--	--	--	1,508	1,474	11.15	8.45
June.....	--	--	--	--	--	1,483	1,448	11.65	8.25
July.....	--	--	--	--	--	1,595	1,560	11.49	7.57
August.....	--	--	--	--	--	1,699	1,661	8.72	6.63
September.....	--	--	--	--	--	1,634	1,599	8.60	6.68
October.....	--	--	--	--	--	1,895	1,854	8.65	7.17
November.....	--	--	--	--	--	1,850	1,811	8.61	7.04
Total.....	--	--	--	--	--	20,232	19,717	9.75	7.56
Year to Date									
2006.....	--	--	--	--	--	19,531	19,028	8.30	6.44
2007.....	--	--	--	--	--	21,401	20,904	7.89	6.11
2008.....	--	--	--	--	--	20,232	19,717	9.75	7.56
Rolling 12 Months Ending in November									
2007.....	--	--	--	--	--	23,240	22,695	7.94	6.12
2008.....	--	--	--	--	--	22,332	21,769	9.68	7.53

¹ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

² Includes blast furnace gas and other gases in years prior to 2001.

³ Prior to 2002, these data were not collected from the Commercial Sector.

NA = Not available.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. • Monetary values are expressed in nominal terms. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 1994 through November 2008

Period	Coal ¹					Petroleum Liquids ²				
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost		Avg. Sulfur %
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)		(billion Btu)	(1000 barrels)	(dollars/10 ⁶ Btu)	(dollars/barrel)	
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002.....	294,234	13,659	1.45	31.29	1.6	29,137	4,638	3.55	22.33	1.2
2003 ³	322,547	15,076	1.45	31.01	1.4	27,538	4,624	4.85	28.86	1.3
2004.....	326,495	15,324	1.63	34.79	1.4	25,491	4,107	4.98	30.93	1.4
2005.....	339,968	16,011	1.94	41.17	1.4	36,383	5,876	6.64	41.13	1.4
2006										
January.....	25,270	1,210	2.03	42.49	1.6	2,321	369	8.02	50.47	1.4
February.....	24,774	1,173	2.03	42.81	1.5	2,045	324	7.80	49.27	1.5
March.....	24,879	1,173	2.02	42.84	1.6	1,975	313	7.58	47.84	1.5
April.....	25,136	1,198	2.01	42.15	1.5	1,223	195	7.60	47.71	1.5
May.....	28,822	1,348	2.06	44.02	1.4	1,551	263	7.46	43.89	1.2
June.....	27,832	1,315	2.02	42.66	1.5	1,227	210	7.51	43.78	1.1
July.....	25,596	1,215	2.03	42.78	1.5	1,443	251	7.62	43.91	1.1
August.....	29,128	1,397	2.01	41.88	1.4	1,898	338	7.79	43.68	1.0
September.....	28,149	1,324	2.06	43.80	1.4	1,346	234	7.33	42.22	1.2
October.....	28,397	1,357	1.99	41.60	1.4	1,302	211	7.00	43.27	1.3
November.....	27,505	1,309	2.11	44.40	1.4	1,396	223	7.37	46.25	1.4
December.....	25,151	1,189	1.96	41.50	1.5	1,786	285	7.31	45.89	1.3
Total.....	320,640	15,208	2.03	42.76	1.5	19,514	3,214	7.57	45.95	1.3
2007										
January.....	22,542	998	2.23	50.42	1.4	4,164	665	6.88	43.03	1.4
February.....	22,716	997	2.25	51.34	1.5	3,810	608	7.00	43.85	1.4
March.....	25,818	1,162	2.14	47.62	1.4	3,862	623	7.21	44.72	1.4
April.....	26,279	1,172	2.14	48.06	1.4	3,477	586	7.48	44.34	1.2
May.....	26,509	1,180	2.21	49.62	1.4	2,816	489	7.98	46.02	1.2
June.....	26,470	1,185	2.18	48.80	1.3	2,316	391	8.72	51.63	1.2
July.....	26,838	1,202	2.15	47.97	1.3	2,206	370	9.12	54.41	1.2
August.....	26,993	1,208	2.16	48.31	1.3	2,204	372	8.85	52.48	1.2
September.....	24,346	1,077	2.29	51.65	1.3	2,210	356	9.62	59.69	1.3
October.....	24,383	1,095	2.18	48.64	1.4	2,061	332	10.38	64.53	1.4
November.....	24,981	1,127	2.19	48.48	1.4	1,980	316	11.33	70.94	1.5
December.....	25,215	1,137	2.24	49.68	1.3	2,531	406	12.04	75.11	1.5
Total.....	303,091	13,540	2.19	49.16	1.4	33,637	5,514	8.53	52.06	1.3
2008										
January.....	26,640	1,193	2.27	50.77	1.5	2,724	434	12.45	78.13	1.4
February.....	24,965	1,125	2.37	52.70	1.4	2,078	332	12.86	80.61	1.3
March.....	26,465	1,222	2.34	50.61	1.4	2,132	347	13.18	80.92	1.3
April.....	27,187	1,225	2.42	53.70	1.4	2,623	418	13.08	82.07	1.3
May.....	26,748	1,216	2.46	54.12	1.4	2,183	348	14.59	91.56	1.3
June.....	25,786	1,162	2.52	55.83	1.4	2,070	330	15.83	99.39	1.3
July.....	27,076	1,224	2.73	60.38	1.4	2,555	409	19.55	122.18	1.3
August.....	27,230	1,226	2.93	65.16	1.4	2,629	419	18.34	115.15	1.3
September.....	26,675	1,217	3.02	66.29	1.4	2,310	380	16.42	99.83	1.1
October.....	26,277	1,209	3.00	65.22	1.4	1,612	263	12.11	74.23	1.0
November.....	26,154	1,194	3.08	67.53	1.4	1,951	316	9.06	55.91	1.3
Total.....	291,202	13,213	2.65	58.44	1.4	24,868	3,995	14.52	90.35	1.3
Year to Date										
2006.....	295,489	14,019	2.03	42.86	1.5	17,727	2,930	7.60	45.96	1.3
2007.....	277,876	12,402	2.19	49.11	1.4	31,105	5,108	8.25	50.23	1.3
2008.....	291,202	13,213	2.65	58.44	1.4	24,868	3,995	14.52	90.35	1.3
Rolling 12 Months Ending in November										
2007.....	303,027	13,591	2.17	48.44	1.4	32,892	5,392	8.20	50.00	1.3
2008.....	316,417	14,351	2.62	57.74	1.4	27,399	4,401	14.29	88.95	1.3

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Prior to 2002, these data were not collected from the Industrial Sector.

NA = Not available.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. • Monetary values are expressed in nominal terms. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 1994 through November 2008 (Continued)

Period	Petroleum Coke					Natural Gas ¹			All Fossil Fuels ²
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 ⁶ Btu)	(dollars/ton)		(billion Btu)	(1000 Mcf)	(dollars/10 ⁶ Btu)		(dollars/10^{6} Btu)
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002.....	3,846	138	.76	21.20	5.9	852,547	828,439	3.36	2.88
2003.....	16,383	594	1.04	28.74	5.7	823,681	798,996	5.32	4.20
2004 ³	14,876	540	.98	27.01	5.6	839,886	814,843	6.04	4.76
2005.....	16,620	594	1.21	33.75	5.4	828,882	805,132	8.00	6.18
2006									
January.....	2,351	85	1.47	40.69	5.5	72,492	70,355	9.96	7.76
February.....	1,546	56	1.36	37.25	5.4	65,536	63,491	8.06	6.35
March.....	1,416	52	1.37	37.50	5.6	71,864	69,834	7.17	5.81
April.....	1,301	47	1.47	40.56	5.7	68,414	66,323	7.12	5.71
May.....	1,662	60	1.63	45.34	5.5	72,528	70,433	6.99	5.55
June.....	1,168	43	1.55	42.55	5.3	69,977	68,103	6.05	4.90
July.....	1,366	49	1.73	48.17	5.5	74,152	71,950	6.01	4.98
August.....	1,615	58	1.80	50.52	5.0	75,003	73,075	6.92	5.53
September.....	1,066	40	1.71	45.25	5.1	70,954	68,928	6.57	5.28
October.....	769	28	1.62	44.47	5.4	81,283	78,921	4.83	4.11
November.....	1,689	61	1.84	50.93	5.5	71,938	69,840	7.18	5.74
December.....	1,927	67	1.93	55.21	5.8	75,017	72,960	7.68	6.18
Total.....	17,875	646	1.63	45.05	5.4	869,157	844,211	7.02	5.64
2007									
January.....	1,476	53	1.91	53.51	5.7	79,406	77,126	6.29	5.41
February.....	1,280	46	1.85	51.86	5.7	69,819	67,730	7.35	6.08
March.....	1,226	44	1.84	51.68	5.7	72,880	70,966	7.41	6.03
April.....	1,514	54	2.04	57.05	5.8	71,132	69,201	7.39	5.97
May.....	1,601	57	1.92	54.19	5.9	75,565	73,364	7.60	6.18
June.....	1,751	62	1.99	55.88	5.3	73,065	70,793	7.66	6.19
July.....	2,046	73	1.37	38.38	5.2	74,980	72,807	7.07	5.76
August.....	1,882	67	2.14	60.57	5.8	78,623	76,192	6.26	5.24
September.....	1,992	69	2.22	63.61	5.2	72,468	70,340	5.76	4.94
October.....	1,244	44	2.13	60.27	5.6	74,965	72,903	6.46	5.47
November.....	1,489	53	2.14	60.43	5.6	73,707	71,707	7.16	5.95
December.....	2,200	77	2.05	58.49	5.3	80,193	78,050	7.32	6.16
Total.....	19,700	698	1.96	55.42	5.5	896,803	871,178	6.97	5.78
2008									
January.....	1,433	50	1.95	55.78	5.9	79,623	77,405	7.49	6.28
February.....	1,027	36	2.00	56.28	5.8	71,151	69,227	8.21	6.78
March.....	1,260	44	1.90	54.07	6.0	71,273	69,235	9.03	7.28
April.....	1,394	49	2.35	66.75	5.6	74,398	72,186	9.65	7.78
May.....	1,410	50	2.57	72.68	5.2	79,941	77,691	10.85	8.78
June.....	1,823	65	3.18	89.00	5.4	91,158	88,490	11.76	9.72
July.....	2,034	73	3.13	87.78	4.7	90,461	87,905	12.39	10.24
August.....	1,913	68	3.42	95.99	5.1	91,644	89,093	9.30	8.00
September.....	1,271	45	3.44	97.65	5.2	73,788	71,835	8.46	7.18
October.....	1,779	63	3.50	99.09	5.7	79,666	77,688	7.52	6.44
November.....	1,253	45	3.40	95.55	5.4	72,911	70,919	6.42	5.58
Total.....	16,598	588	2.87	81.16	5.4	876,014	851,673	9.30	7.72
Year to Date									
2006.....	15,948	579	1.59	43.87	5.4	794,140	771,251	6.95	5.59
2007.....	17,499	621	1.95	55.04	5.6	816,610	793,128	6.94	5.74
2008.....	16,598	588	2.87	81.16	5.4	876,014	851,673	9.30	7.72
Rolling 12 Months Ending in November									
2007.....	19,427	688	1.95	55.06	5.6	891,627	866,088	7.00	5.78
2008.....	18,798	665	2.78	78.53	5.4	956,207	929,723	9.13	7.59

¹ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

² Includes blast furnace gas and other gases in years prior to 2001.

³ Prior to 2002, these data were not collected from the Industrial Sector.

NA = Not available.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. • Monetary values are expressed in nominal terms. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, November 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	651	483	34.8	142	89	504	383	--	--	5	11
Connecticut.....	140	73	90.8	--	--	140	73	--	--	--	--
Maine.....	7	21	-67.5	--	--	2	10	--	--	5	11
Massachusetts.....	362	299	21.0	--	--	362	299	--	--	--	--
New Hampshire.....	142	89	59.0	142	89	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	5,648	5,296	6.7	9	70	5,508	5,096	--	--	131	130
New Jersey.....	417	334	24.7	2	--	414	334	--	--	--	--
New York.....	784	889	-11.8	7	70	755	781	--	--	22	38
Pennsylvania.....	4,448	4,072	9.2	--	--	4,339	3,981	--	--	109	91
East North Central	21,855	19,488	12.1	14,753	13,074	6,724	6,030	26	27	351	357
Illinois.....	5,559	5,031	10.5	199	425	5,107	4,337	9	9	245	260
Indiana.....	5,623	4,756	18.2	5,363	4,396	260	360	--	--	--	--
Michigan.....	3,592	3,236	11.0	3,541	3,172	22	35	17	18	11	11
Ohio.....	4,772	4,450	7.2	3,410	3,125	1,333	1,298	--	--	29	27
Wisconsin.....	2,308	2,016	14.5	2,241	1,956	2	--	--	--	66	60
West North Central ...	12,823	12,570	2.0	12,654	12,408	--	--	10	15	160	148
Iowa.....	2,261	1,717	31.7	2,144	1,635	--	--	--	--	117	82
Kansas.....	1,564	2,041	-23.4	1,564	2,041	--	--	--	--	--	--
Minnesota.....	1,599	1,676	-4.6	1,556	1,610	--	--	--	--	43	66
Missouri.....	4,078	3,996	2.1	4,068	3,981	--	--	10	15	--	--
Nebraska.....	1,033	1,198	-13.8	1,033	1,198	--	--	--	--	--	--
North Dakota.....	2,111	1,943	8.7	2,111	1,943	--	--	--	--	--	--
South Dakota.....	178	--	--	178	--	--	--	--	--	--	--
South Atlantic	14,640	14,941	-2.0	12,018	12,547	2,383	2,210	--	--	239	184
Delaware.....	156	151	3.8	--	--	156	151	--	--	--	--
District of Columbia....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	2,513	2,375	5.8	2,314	2,207	179	146	--	--	19	22
Georgia.....	3,266	3,373	-3.2	3,199	3,326	--	--	--	--	67	47
Maryland.....	797	960	-16.9	--	--	760	960	--	--	37	--
North Carolina.....	2,604	2,487	4.7	2,449	2,375	105	74	--	--	50	39
South Carolina.....	1,259	1,282	-1.8	1,232	1,256	1	--	--	--	26	26
Virginia.....	957	1,276	-25.0	678	1,082	261	181	--	--	18	12
West Virginia.....	3,088	3,038	1.6	2,145	2,301	920	699	--	--	23	38
East South Central.....	9,915	8,971	10.5	9,274	8,341	475	484	--	--	166	146
Alabama.....	2,980	3,134	-4.9	2,964	3,124	--	--	--	--	16	10
Kentucky.....	3,798	2,920	30.0	3,445	2,555	353	365	--	--	--	--
Mississippi.....	508	418	21.4	386	300	122	118	--	--	--	--
Tennessee.....	2,630	2,499	5.3	2,480	2,362	--	--	--	--	151	136
West South Central ...	12,759	13,669	-6.7	6,938	7,305	5,779	6,306	--	--	42	58
Arkansas.....	1,472	1,287	14.4	1,472	1,287	--	--	--	--	--	--
Louisiana.....	1,278	1,519	-15.9	633	811	645	708	--	--	--	--
Oklahoma.....	1,901	2,129	-10.7	1,719	1,955	139	116	--	--	42	58
Texas.....	8,109	8,734	-7.2	3,114	3,252	4,994	5,482	--	--	--	--
Mountain	10,095	9,747	3.6	8,851	8,573	1,207	1,135	--	--	37	39
Arizona.....	2,052	1,671	22.8	2,015	1,632	--	--	--	--	37	39
Colorado.....	1,788	1,730	3.4	1,788	1,730	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	1,027	1,076	-4.5	29	26	998	1,050	--	--	--	--
Nevada.....	231	272	-15.0	154	272	77	--	--	--	--	--
New Mexico.....	1,403	1,306	7.4	1,403	1,306	--	--	--	--	--	--
Utah.....	1,519	1,279	18.8	1,476	1,239	42	40	--	--	*	--
Wyoming.....	2,076	2,413	-14.0	1,986	2,368	90	45	--	--	--	--
Pacific Contiguous	866	927	-6.6	248	242	556	631	--	--	62	55
California.....	129	97	33.3	--	--	76	49	--	--	53	48
Oregon.....	248	242	2.8	248	242	--	--	--	--	--	--
Washington.....	489	589	-17.0	--	--	479	582	--	--	9	7
Pacific Noncontiguous.....	--	61	-100.0	--	--	--	61	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	61	-100.0	--	--	--	61	--	--	--	--
U.S. Total.....	89,253	86,153	3.6	64,887	62,648	23,136	22,335	36	42	1,194	1,127

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

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.6.B. Receipts of Coal Delivered for Electricity Generation by State, Year-to-Date through November 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	7,375	7,904	-6.7	1,320	1,401	5,949	6,385	--	--	105	118
Connecticut	1,865	1,867	-1	--	--	1,865	1,867	--	--	--	--
Maine	223	239	-6.5	--	--	118	121	--	--	105	118
Massachusetts	3,966	4,397	-9.8	--	--	3,966	4,397	--	--	--	--
New Hampshire	1,320	1,401	-5.7	1,320	1,401	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	67,267	61,682	9.1	353	534	65,461	59,683	--	--	1,454	1,464
New Jersey	4,029	3,755	7.3	170	19	3,859	3,737	--	--	--	--
New York	8,531	9,252	-7.8	183	516	7,933	8,301	--	--	416	436
Pennsylvania	54,707	48,674	12.4	--	--	53,669	47,645	--	--	1,038	1,029
East North Central ...	221,097	217,536	1.6	147,566	148,631	69,533	64,860	279	329	3,719	3,715
Illinois	55,175	53,588	3.0	1,800	5,257	50,631	45,604	77	93	2,667	2,634
Indiana	55,164	55,153	.0	51,470	51,487	3,695	3,667	--	--	--	--
Michigan	34,218	33,569	1.9	33,698	33,009	183	181	202	236	134	144
Ohio	52,813	54,086	-2.4	37,522	38,440	15,003	15,369	--	--	289	278
Wisconsin	23,727	21,140	12.2	23,076	20,439	22	40	--	--	629	660
West North Central ...	139,005	138,041	.7	137,302	136,376	--	--	165	168	1,538	1,498
Iowa	24,837	20,271	22.5	23,754	19,227	--	--	--	--	1,083	1,045
Kansas	19,752	22,481	-12.1	19,752	22,481	--	--	--	--	--	--
Minnesota	15,897	18,183	-12.6	15,442	17,729	--	--	--	--	455	453
Missouri	40,675	41,743	-2.6	40,510	41,575	--	--	165	168	--	--
Nebraska	12,949	11,453	13.1	12,949	11,453	--	--	--	--	--	--
North Dakota	22,665	22,349	1.4	22,665	22,349	--	--	--	--	--	--
South Dakota	2,231	1,561	42.9	2,231	1,561	--	--	--	--	--	--
South Atlantic	167,850	174,609	-3.9	138,379	144,490	26,803	27,888	--	--	2,668	2,231
Delaware	2,045	2,220	-7.9	--	--	2,045	2,220	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	27,794	28,888	-3.8	25,432	26,508	2,143	2,165	--	--	219	216
Georgia	36,271	37,936	-4.4	35,556	37,268	--	--	--	--	716	668
Maryland	10,267	10,756	-4.6	--	--	9,871	10,756	--	--	396	--
North Carolina	28,765	30,030	-4.2	27,040	28,307	1,198	1,201	--	--	527	521
South Carolina	14,683	15,622	-6.0	14,411	15,323	1	--	--	--	270	299
Virginia	12,855	13,352	-3.7	10,198	10,713	2,467	2,460	--	--	191	178
West Virginia	35,169	35,806	-1.8	25,742	26,372	9,078	9,085	--	--	349	349
East South Central	106,086	107,574	-1.4	98,209	99,107	6,226	6,908	--	--	1,651	1,559
Alabama	33,337	34,678	-3.9	33,167	34,539	--	--	--	--	169	139
Kentucky	37,897	36,706	3.2	34,436	32,858	3,462	3,848	--	--	--	--
Mississippi	8,764	9,202	-4.8	6,000	6,142	2,764	3,060	--	--	--	--
Tennessee	26,088	26,989	-3.3	24,606	25,568	--	--	--	--	1,482	1,421
West South Central ...	143,082	142,636	.3	78,275	74,030	64,324	68,101	--	--	484	505
Arkansas	14,383	13,884	3.6	14,383	13,884	--	--	--	--	--	--
Louisiana	14,448	15,222	-5.1	7,546	7,202	6,902	8,020	--	--	--	--
Oklahoma	21,418	20,219	5.9	19,555	18,349	1,378	1,365	--	--	484	505
Texas	92,833	93,312	-5	36,790	34,595	56,044	58,716	--	--	--	--
Mountain	107,593	106,676	.9	94,525	94,849	12,215	11,030	--	--	854	797
Arizona	20,672	19,790	4.5	20,284	19,434	--	--	--	--	388	356
Colorado	17,060	18,337	-7.0	17,060	18,337	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	11,031	10,431	5.8	310	251	10,721	10,180	--	--	--	--
Nevada	3,340	3,210	4.1	3,171	3,210	169	--	--	--	--	--
New Mexico	14,108	14,609	-3.4	14,108	14,609	--	--	--	--	--	--
Utah	16,729	16,182	3.4	15,819	15,364	444	378	--	--	466	441
Wyoming	24,654	24,117	2.2	23,773	23,644	881	472	--	--	--	--
Pacific Contiguous	9,331	7,664	21.7	2,450	2,058	6,141	5,092	--	--	740	514
California	1,422	1,043	36.4	--	--	791	601	--	--	631	441
Oregon	2,450	2,058	19.1	2,450	2,058	--	--	--	--	--	--
Washington	5,458	4,564	19.6	--	--	5,349	4,491	--	--	109	73
Pacific Noncontiguous	398	644	-38.2	--	--	398	644	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	398	644	-38.2	--	--	398	644	--	--	--	--
U.S. Total	969,085	964,967	.4	698,379	701,476	257,049	250,591	444	497	13,213	12,402

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants,;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, November 2008 and 2007
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	399	567	-29.7	76	1	251	516	5	--	67	50
Connecticut	5	5	-5.1	--	--	5	5	--	--	--	--
Maine	179	50	257.8	--	--	126	*	--	--	53	50
Massachusetts	209	511	-59.1	76	--	114	511	5	--	15	--
New Hampshire	1	1	-40.2	1	1	--	--	--	--	--	--
Rhode Island	5	--	--	--	--	5	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	573	151	280.2	132	2	440	147	--	--	1	2
New Jersey	253	98	157.6	128	*	125	98	--	--	--	--
New York	48	6	645.9	4	2	44	4	--	--	--	*
Pennsylvania	272	46	490.4	--	--	271	45	--	--	1	1
East North Central ...	108	216	-50.1	73	149	28	52	--	*	7	16
Illinois	24	38	-37.2	1	13	22	25	--	*	--	--
Indiana	33	27	24.1	29	22	--	--	--	--	4	4
Michigan	11	82	-86.3	10	73	--	--	--	--	1	9
Ohio	35	64	-45.5	28	35	6	27	--	--	1	2
Wisconsin	5	6	-10.1	4	6	*	--	--	--	*	--
West North Central ...	40	23	78.9	38	22	2	--	--	--	*	*
Iowa	6	7	-22.1	6	7	--	--	--	--	--	--
Kansas	7	--	--	7	--	--	--	--	--	--	--
Minnesota	14	4	210.0	11	4	2	--	--	--	*	*
Missouri	10	6	64.7	10	6	--	--	--	--	--	--
Nebraska	2	--	--	2	--	--	--	--	--	--	--
North Dakota	2	5	-63.1	2	5	--	--	--	--	--	--
South Dakota	*	--	--	*	--	--	--	--	--	--	--
South Atlantic	1,027	2,109	-51.3	682	1,818	172	66	--	1	174	224
Delaware	2	51	-95.8	--	--	2	32	--	--	--	19
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	357	1,753	-79.6	317	1,729	4	4	--	--	37	21
Georgia	71	53	33.6	16	13	*	--	--	--	54	40
Maryland	165	28	498.5	--	--	163	28	--	--	2	--
North Carolina	61	83	-25.9	39	11	*	*	--	--	22	72
South Carolina	70	24	190.9	34	2	*	--	--	--	36	22
Virginia	255	46	455.3	231	19	2	2	--	1	22	24
West Virginia	46	72	-36.3	45	45	*	--	--	--	--	27
East South Central....	238	43	457.4	222	22	1	7	--	--	14	14
Alabama	94	8	NM	80	1	*	--	--	--	13	7
Kentucky	13	22	-38.5	13	14	1	7	--	--	--	--
Mississippi	2	8	-81.0	*	1	--	--	--	--	1	7
Tennessee	129	5	NM	129	5	--	--	--	--	--	--
West South Central ...	87	37	133.7	36	21	8	16	--	--	43	*
Arkansas	13	8	60.7	13	8	--	--	--	--	--	--
Louisiana	11	15	-26.4	9	6	2	9	--	--	--	--
Oklahoma	53	6	832.6	10	5	--	--	--	--	43	*
Texas	10	8	16.7	4	1	6	7	--	--	--	--
Mountain	58	29	102.6	48	28	10	*	--	--	*	--
Arizona	26	4	590.3	25	4	--	--	--	--	*	--
Colorado	5	--	--	5	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	3	*	738.9	*	--	3	*	--	--	--	--
Nevada	3	--	--	2	--	1	--	--	--	--	--
New Mexico	10	12	-20.2	10	12	*	--	--	--	--	--
Utah	6	5	31.0	1	5	6	--	--	--	6	--
Wyoming	5	7	-32.1	5	7	--	--	--	--	--	--
Pacific Contiguous	12	11	12.4	1	--	2	1	--	--	10	10
California	1	1	19.0	1	--	*	1	--	--	*	*
Oregon	*	--	--	*	--	--	--	--	--	--	--
Washington	11	10	10.6	*	--	1	--	--	--	9	10
Pacific Noncontiguous.....	938	248	278.1	707	--	231	248	*	--	--	--
Alaska	69	--	--	69	--	--	--	--	--	--	--
Hawaii	869	248	250.4	638	--	231	248	*	--	--	--
U.S. Total	3,480	3,434	1.4	2,014	2,063	1,145	1,054	5	1	316	316

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, Year-to-Date through November 2008 and 2007
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	5,168	7,884	-34.5	215	342	3,882	6,353	30	33	1,040	1,156
Connecticut	673	1,654	-59.3	2	--	671	1,654	--	--	--	--
Maine	990	1,285	-22.9	--	--	135	274	--	--	855	1,011
Massachusetts	3,350	4,607	-27.3	86	4	3,048	4,425	30	33	186	145
New Hampshire	137	338	-59.5	127	338	10	--	--	--	--	--
Rhode Island	17	--	--	--	--	17	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	6,076	14,646	-58.5	2,917	7,681	3,123	6,919	--	--	36	46
New Jersey	725	811	-10.7	287	315	438	496	--	--	--	--
New York	4,238	12,185	-65.2	2,630	7,366	1,594	4,811	--	--	14	8
Pennsylvania	1,113	1,650	-32.5	--	--	1,091	1,612	--	--	22	38
East North Central ...	1,751	1,896	-7.7	1,281	1,343	332	334	*	1	138	218
Illinois	247	258	-4.0	12	54	235	203	*	1	--	--
Indiana	326	253	28.9	275	196	--	--	--	--	51	57
Michigan	540	804	-32.9	468	662	*	--	--	--	72	142
Ohio	500	504	-.7	393	360	93	127	--	--	14	17
Wisconsin	138	78	76.2	133	72	4	4	--	--	1	2
West North Central ...	661	322	105.5	639	271	17	47	--	--	5	4
Iowa	153	63	140.9	153	63	--	--	--	--	--	--
Kansas	85	55	55.2	85	55	--	--	--	--	--	--
Minnesota	116	89	30.2	94	38	17	47	--	--	5	4
Missouri	125	60	108.2	125	60	--	--	--	--	--	--
Nebraska	62	12	411.3	62	12	--	--	--	--	--	--
North Dakota	80	42	91.6	80	42	--	--	--	--	--	--
South Dakota	40	--	--	40	--	--	--	--	--	--	--
South Atlantic	20,222	27,277	-25.9	16,670	21,902	1,495	2,760	7	8	2,050	2,608
Delaware	378	326	15.7	--	--	241	192	--	--	136	134
District of Columbia	166	196	-15.3	--	--	166	196	--	--	--	--
Florida	14,748	19,273	-23.5	14,246	18,622	186	351	--	--	316	300
Georgia	922	661	39.6	403	91	34	--	--	--	485	570
Maryland	699	1,588	-56.0	--	--	687	1,588	--	--	12	--
North Carolina	976	1,124	-13.1	336	292	4	2	--	--	637	829
South Carolina	537	429	25.2	299	199	*	--	--	--	238	230
Virginia	1,555	3,101	-49.8	1,152	2,427	170	430	7	8	226	236
West Virginia	240	579	-58.6	234	270	6	--	--	--	--	309
East South Central....	922	1,080	-14.7	691	812	51	42	--	--	179	226
Alabama	359	237	51.5	164	80	27	--	--	--	168	157
Kentucky	205	154	33.1	181	112	24	42	--	--	--	--
Mississippi	134	593	-77.4	123	524	--	--	--	--	11	69
Tennessee	224	96	133.2	224	96	--	--	--	--	--	--
West South Central ...	1,060	581	82.6	576	189	115	188	--	--	369	204
Arkansas	67	50	33.1	67	50	--	--	--	--	--	--
Louisiana	486	135	258.9	465	108	21	28	--	--	--	--
Oklahoma	380	220	73.1	11	16	--	--	--	--	369	204
Texas	127	175	-27.6	33	15	94	160	--	--	--	--
Mountain	654	275	138.0	527	234	124	41	--	--	2	--
Arizona	283	65	334.9	280	65	--	--	--	--	2	--
Colorado	40	18	125.1	40	6	1	12	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	56	27	109.5	1	--	54	27	--	--	--	--
Nevada	12	--	--	11	--	1	--	--	--	--	--
New Mexico	89	60	47.2	87	58	2	3	--	--	--	--
Utah	102	45	129.6	36	45	66	--	--	--	--	--
Wyoming	72	60	18.8	72	60	--	--	--	--	--	--
Pacific Contiguous	280	780	-64.0	32	5	73	129	--	--	175	646
California	147	580	-74.7	28	--	55	129	--	--	64	451
Oregon	*	5	-97.8	*	5	--	--	--	--	--	--
Washington	133	194	-31.5	4	--	18	*	--	--	111	194
Pacific Noncontiguous.....	12,298	2,581	376.5	9,791	--	2,504	2,581	3	--	--	--
Alaska	739	--	--	739	--	--	--	--	--	--	--
Hawaii	11,560	2,581	347.9	9,052	--	2,504	2,581	3	--	--	--
U.S. Total	49,092	57,320	-14.4	33,340	32,778	11,716	19,393	41	41	3,995	5,108

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

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, November 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	23	17	37.9	--	--	11	7	--	--	12	10
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	9	7	23.8	--	--	9	7	--	--	--	--
Pennsylvania	15	10	47.6	--	--	2	--	--	--	12	10
East North Central ...	58	34	69.6	13	18	37	5	--	--	8	11
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	3	6	-46.7	--	1	3	5	--	--	--	--
Ohio	33	--	--	--	--	33	--	--	--	--	--
Wisconsin	21	28	-23.9	13	17	--	--	--	--	8	11
West North Central ...	11	15	-25.1	11	15	--	--	--	--	--	--
Iowa	2	4	-39.1	2	4	--	--	--	--	--	--
Kansas	5	6	-20.1	5	6	--	--	--	--	--	--
Minnesota	4	5	-20.1	4	5	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	203	185	10.0	179	160	--	--	--	--	24	24
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	179	160	11.6	179	160	--	--	--	--	--	--
Georgia	24	24	-8	--	--	--	--	--	--	24	24
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central....	114	94	21.6	--	--	114	94	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	114	94	21.6	--	--	114	94	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central ...	87	101	-13.8	87	61	--	33	--	--	--	7
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	87	67	30.2	87	61	--	--	--	--	--	6
Oklahoma	--	1	--	--	--	--	--	--	--	--	1
Texas	--	33	-100.0	--	--	--	33	--	--	--	--
Mountain	26	18	47.3	--	--	26	18	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	26	18	47.3	--	--	26	18	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	12	12	-1.3	--	--	12	12	--	--	--	--
California	12	12	-1.3	--	--	12	12	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	535	475	12.5	290	254	200	169	--	--	45	53

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • 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;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, Year-to-Date through November 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	203	149	35.8	--	--	85	37	--	--	118	112
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	62	37	64.8	--	--	62	37	--	--	--	--
Pennsylvania	141	112	26.1	--	--	23	--	--	--	118	112
East North Central ...	653	428	52.8	268	255	248	30	--	--	138	143
Illinois	4	--	--	4	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	30	40	-24.8	--	10	30	30	--	--	--	--
Ohio	218	--	--	--	--	218	--	--	--	--	--
Wisconsin	402	388	3.6	264	245	--	--	--	--	138	143
West North Central ...	147	169	-13.4	147	169	--	--	--	--	--	--
Iowa	42	35	21.7	42	35	--	--	--	--	--	--
Kansas	50	71	-30.4	50	71	--	--	--	--	--	--
Minnesota	55	63	-13.4	55	63	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	1,863	1,949	-4.4	1,531	1,700	--	--	--	--	333	250
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,531	1,700	-9.9	1,531	1,700	--	--	--	--	--	--
Georgia	333	250	33.2	--	--	--	--	--	--	333	250
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central....	962	1,056	-8.9	--	--	962	1,056	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	962	1,056	-8.9	--	--	962	1,056	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central ...	1,128	1,144	-1.3	694	659	434	368	--	--	--	116
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	694	765	-9.3	694	659	--	--	--	--	--	106
Oklahoma	--	10	--	--	--	--	--	--	--	--	10
Texas	434	368	18.0	--	--	434	368	--	--	--	--
Mountain	227	159	42.3	--	--	227	159	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	227	159	42.3	--	--	227	159	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	100	145	-31.0	--	--	100	145	--	--	--	--
California	100	145	-31.0	--	--	100	145	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous.....	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	5,284	5,200	1.6	2,639	2,783	2,056	1,796	--	--	588	621

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • 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;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, November 2008 and 2007
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	31,157	32,981	-5.5	21	19	29,439	30,530	347	305	1,350	2,127
Connecticut	4,099	4,941	-17.1	2	--	4,097	4,941	--	--	--	--
Maine	5,212	4,179	24.7	--	--	3,942	2,221	--	--	1,270	1,958
Massachusetts	14,255	15,585	-8.5	12	18	13,816	15,093	347	305	80	169
New Hampshire	4,235	2,827	49.8	1	--	4,233	2,827	--	--	--	--
Rhode Island	3,351	5,447	-38.5	--	--	3,351	5,447	--	--	--	--
Vermont	6	2	280.2	6	2	--	--	--	--	--	--
Middle Atlantic	50,838	47,526	7.0	9,685	8,812	39,496	36,442	229	270	1,428	2,002
New Jersey	12,003	10,793	11.2	19	--	11,492	10,103	--	--	491	690
New York	28,892	27,549	4.9	9,666	8,812	18,846	18,382	229	270	153	85
Pennsylvania	9,943	9,184	8.3	--	--	9,158	7,957	--	--	784	1,227
East North Central ...	12,944	15,291	-15.4	1,639	1,455	9,437	11,192	519	448	1,349	2,196
Illinois	2,236	3,359	-33.4	109	--	1,225	1,849	510	433	393	1,078
Indiana	3,015	2,720	10.9	273	165	1,979	1,570	--	--	763	984
Michigan	4,550	5,950	-23.5	393	89	4,046	5,769	10	16	102	77
Ohio	898	1,103	-18.6	132	181	766	916	--	--	--	5
Wisconsin	2,244	2,159	3.9	731	1,020	1,421	1,088	--	--	91	52
West North Central ...	11,029	4,321	155.2	9,514	2,968	1,370	1,224	2	*	142	129
Iowa	1,857	184	907.9	1,853	184	--	--	--	--	4	--
Kansas	2,273	645	252.6	2,273	645	--	--	--	--	--	--
Minnesota	1,788	1,444	23.8	596	584	1,053	731	--	--	138	129
Missouri	4,391	1,999	119.7	4,072	1,506	317	493	2	*	--	--
Nebraska	665	49	NM	665	49	--	--	--	--	--	--
North Dakota	*	--	--	*	--	--	--	--	--	--	--
South Dakota	55	--	--	55	--	--	--	--	--	--	--
South Atlantic	74,732	64,714	15.5	60,482	52,570	13,017	11,013	--	--	1,233	1,131
Delaware	917	558	64.4	--	--	693	466	--	--	224	91
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	52,667	54,350	-3.1	47,297	47,345	5,295	6,588	--	--	75	418
Georgia	8,660	4,090	111.7	4,923	2,555	3,034	1,132	--	--	703	403
Maryland	1,808	522	246.5	--	--	1,720	522	--	--	88	--
North Carolina	2,824	352	703.0	2,284	283	536	20	--	--	4	48
South Carolina	3,771	323	NM	2,910	114	849	197	--	--	12	12
Virginia	3,905	4,278	-8.7	2,926	2,269	853	1,943	--	--	127	66
West Virginia	180	242	-25.6	144	4	36	145	--	--	--	94
East South Central....	31,571	16,001	97.3	15,142	7,383	15,375	7,770	--	--	1,054	849
Alabama	17,235	10,030	71.8	6,362	4,416	9,945	4,854	--	--	928	760
Kentucky	216	61	253.8	214	41	2	20	--	--	--	--
Mississippi	13,872	5,899	135.1	8,341	2,926	5,428	2,896	--	--	103	78
Tennessee	247	11	NM	225	--	--	--	--	--	22	11
West South Central ...	175,879	175,671	.1	43,058	42,129	79,497	79,882	359	330	52,965	53,330
Arkansas	3,724	2,807	32.6	110	4	3,614	2,804	--	--	--	--
Louisiana	35,172	31,584	11.4	10,645	8,072	4,095	3,216	--	--	20,432	20,297
Oklahoma	18,363	16,588	10.7	11,232	12,613	6,611	3,273	--	--	520	701
Texas	118,620	124,691	-4.9	21,071	21,440	65,177	70,589	359	330	32,014	32,332
Mountain	50,038	47,560	5.2	25,113	24,001	23,333	23,225	--	--	1,592	333
Arizona	16,285	19,428	-16.2	6,391	7,970	9,893	11,458	--	--	1	--
Colorado	8,296	9,854	-15.8	3,265	2,396	5,031	7,458	--	--	--	--
Idaho	705	1,098	-35.7	64	--	642	1,098	--	--	--	--
Montana	34	95	-63.8	8	1	26	94	--	--	--	--
Nevada	13,886	9,527	45.8	7,798	7,100	5,833	2,427	--	--	255	--
New Mexico	5,144	3,022	70.2	3,514	2,453	1,628	562	--	--	2	7
Utah	4,324	4,202	2.9	4,048	4,072	276	127	--	--	--	3
Wyoming	1,363	333	308.7	26	10	4	*	--	--	1,334	323
Pacific Contiguous	88,827	83,278	6.7	21,980	16,821	56,685	56,481	355	367	9,807	9,609
California	71,817	66,958	7.3	15,903	12,582	46,880	45,213	355	367	8,678	8,795
Oregon	11,576	11,633	-5	4,463	4,239	6,197	6,726	--	--	916	668
Washington	5,435	4,688	15.9	1,614	--	3,607	4,542	--	--	213	146
Pacific Noncontiguous.....	3,583	3,291	8.9	3,583	3,291	--	--	--	--	--	--
Alaska	3,583	3,291	8.9	3,583	3,291	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	530,597	490,634	8.1	190,218	159,449	267,649	257,759	1,811	1,720	70,919	71,707

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, Year-to-Date through November 2008 and 2007
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	347,158	389,297	-10.8	1,718	2,124	327,214	364,068	3,578	3,764	14,648	19,340
Connecticut	56,758	67,433	-15.8	38	--	56,720	67,433	--	--	--	--
Maine	46,747	48,724	-4.1	--	--	33,267	30,437	--	--	13,481	18,287
Massachusetts	147,025	168,731	-12.9	1,580	1,912	140,700	162,002	3,578	3,764	1,167	1,053
New Hampshire	45,101	35,883	25.7	67	188	45,034	35,695	--	--	--	--
Rhode Island	51,492	68,502	-24.8	--	--	51,492	68,502	--	--	--	--
Vermont	33	24	37.3	33	24	--	--	--	--	--	--
Middle Atlantic	683,932	670,997	1.9	136,833	114,735	524,953	530,895	2,827	2,778	19,318	22,589
New Jersey	162,946	147,054	10.8	284	--	155,475	140,076	--	--	7,187	6,978
New York	380,495	375,712	1.3	136,549	114,735	240,077	257,366	2,827	2,778	1,042	833
Pennsylvania	140,490	148,231	-5.2	--	--	129,401	133,453	--	--	11,089	14,778
East North Central ...	222,713	279,841	-20.4	45,495	41,425	156,796	208,231	4,940	5,921	15,482	24,264
Illinois	38,924	65,043	-40.2	3,648	--	25,050	49,229	4,472	5,504	5,754	10,310
Indiana	40,422	38,010	6.3	7,265	7,152	25,741	19,561	--	--	7,416	11,297
Michigan	83,725	107,167	-21.9	9,246	9,233	72,831	96,209	468	417	1,179	1,307
Ohio	18,787	27,930	-32.7	4,905	6,767	13,739	21,004	--	--	143	160
Wisconsin	40,855	41,691	-2.0	20,430	18,274	19,435	22,227	--	--	990	1,190
West North Central ...	107,095	66,043	62.2	86,724	45,539	18,610	18,618	63	118	1,699	1,767
Iowa	18,038	2,089	763.4	18,008	2,089	--	--	--	--	30	--
Kansas	22,274	20,338	9.5	22,274	20,338	--	--	--	--	--	--
Minnesota	20,730	19,338	7.2	9,479	4,959	9,583	12,612	--	--	1,669	1,767
Missouri	38,057	23,455	62.3	28,967	17,330	9,027	6,007	63	118	--	--
Nebraska	6,367	822	674.4	6,367	822	--	--	--	--	--	--
North Dakota	2	1	162.1	2	1	--	--	--	--	--	--
South Dakota	1,627	--	--	1,627	--	--	--	--	--	--	--
South Atlantic	1,033,261	965,465	7.0	823,972	717,141	195,439	228,528	--	--	13,851	19,796
Delaware	11,856	19,059	-37.8	--	--	10,332	12,341	--	--	1,523	6,718
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	753,875	684,295	10.2	667,121	591,618	83,198	86,940	--	--	3,555	5,737
Georgia	97,762	103,533	-5.6	52,354	45,897	39,817	53,325	--	--	5,591	4,311
Maryland	14,901	18,002	-17.2	--	--	13,814	18,002	--	--	1,087	--
North Carolina	34,919	25,832	35.2	27,772	18,122	6,490	7,153	--	--	657	557
South Carolina	44,817	34,632	29.4	33,590	21,922	11,052	12,558	--	--	176	153
Virginia	73,298	76,519	-4.2	42,507	39,530	29,530	35,929	--	--	1,261	1,059
West Virginia	1,833	3,593	-49.0	628	52	1,205	2,280	--	--	--	1,260
East South Central....	348,575	330,434	5.5	174,343	145,802	162,261	176,151	--	--	11,971	8,482
Alabama	160,503	171,167	-6.2	61,265	63,131	89,069	101,239	--	--	10,169	6,797
Kentucky	9,641	3,558	170.9	8,039	2,536	1,603	1,022	--	--	--	--
Mississippi	174,516	154,839	12.7	101,516	80,135	71,505	73,237	--	--	1,495	1,467
Tennessee	3,914	869	350.2	3,524	--	84	652	--	--	307	217
West South Central ...	2,565,770	2,450,708	4.7	624,804	585,840	1,281,371	1,270,589	4,355	4,088	655,239	590,191
Arkansas	65,508	52,694	24.3	11,346	1,449	54,162	51,245	--	--	--	--
Louisiana	451,551	432,053	4.5	148,246	135,513	70,326	69,708	--	--	232,979	226,832
Oklahoma	269,609	263,431	2.3	169,917	161,727	92,504	94,032	--	--	7,188	7,672
Texas	1,779,102	1,702,531	4.5	295,295	287,151	1,064,379	1,055,605	4,355	4,088	415,073	355,687
Mountain	639,089	596,432	7.2	324,622	288,633	305,616	303,628	--	--	8,851	4,171
Arizona	261,528	247,408	5.7	101,408	104,248	160,104	143,160	--	--	16	--
Colorado	93,720	108,898	-13.9	35,405	32,011	58,315	76,887	--	--	--	--
Idaho	9,469	8,949	5.8	1,060	--	8,409	8,949	--	--	--	--
Montana	504	628	-19.7	117	10	387	618	--	--	--	--
Nevada	166,314	157,120	5.9	96,075	93,920	67,168	63,200	--	--	3,071	--
New Mexico	52,329	32,836	59.4	44,436	27,120	7,866	5,652	--	--	28	64
Utah	49,145	36,366	35.1	45,741	31,166	3,329	5,144	--	--	75	55
Wyoming	6,080	4,228	43.8	381	157	39	19	--	--	5,660	4,052
Pacific Contiguous	1,009,750	876,276	15.2	251,178	171,592	644,004	597,922	3,954	4,235	110,614	102,528
California	828,264	739,887	11.9	199,527	138,023	525,179	504,363	3,954	4,235	99,605	93,266
Oregon	114,167	96,442	18.4	37,968	32,623	67,232	56,637	--	--	8,967	7,182
Washington	67,318	39,948	68.5	13,683	945	51,593	36,922	--	--	2,042	2,081
Pacific Noncontiguous.....	36,027	32,528	10.8	36,027	32,528	--	--	--	--	--	--
Alaska	36,027	32,528	10.8	36,027	32,528	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	6,993,369	6,658,021	5.0	2,505,715	2,145,360	3,616,264	3,698,629	19,717	20,904	851,673	793,128

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately. Natural gas values for 2001 forward do not include blast furnace gas or other gas. • Mcf = thousand cubic feet.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, November 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	2.83	3.12	-9.3	4.02	3.14	2.44	3.11
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	2.99	W	--	--	W	2.99
New Hampshire	4.02	3.14	28.0	4.02	3.14	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.36	1.96	20.5	1.90	2.40	2.36	1.95
New Jersey	3.32	3.02	9.9	1.93	--	3.33	3.02
New York	2.45	2.42	1.2	1.89	2.40	2.46	2.42
Pennsylvania	2.24	1.77	26.6	--	--	2.24	1.77
East North Central	1.94	1.62	19.6	2.01	1.65	1.76	1.56
Illinois	1.58	1.37	15.3	1.90	1.38	1.56	1.37
Indiana	W	W	W	2.10	1.61	W	W
Michigan	W	W	W	1.85	1.74	W	W
Ohio	2.12	1.74	21.8	2.06	1.67	2.30	1.94
Wisconsin	1.93	1.59	21.4	1.93	1.59	1.76	--
West North Central	1.39	1.21	15.0	1.39	1.21	--	--
Iowa	1.23	.96	28.1	1.23	.96	--	--
Kansas	1.41	1.26	11.9	1.41	1.26	--	--
Minnesota	1.68	1.51	11.3	1.68	1.51	--	--
Missouri	1.52	1.35	12.6	1.52	1.35	--	--
Nebraska	1.04	.88	18.2	1.04	.88	--	--
North Dakota	1.19	.98	21.4	1.19	.98	--	--
South Dakota	1.69	--	--	1.69	--	--	--
South Atlantic	3.07	2.40	27.9	3.13	2.45	2.77	2.15
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	3.08	W	W	3.06	2.64	3.41	W
Georgia	3.25	2.60	25.0	3.25	2.60	--	--
Maryland	3.42	2.22	54.1	--	--	3.42	2.22
North Carolina	3.62	2.78	30.2	3.67	2.77	2.65	2.92
South Carolina	3.43	2.39	43.5	3.43	2.39	2.47	--
Virginia	2.72	2.44	11.5	2.66	2.38	2.87	2.78
West Virginia	W	W	W	2.41	1.78	W	W
East South Central	2.56	1.99	28.2	2.58	2.02	2.01	1.57
Alabama	3.05	2.14	42.5	3.05	2.14	--	--
Kentucky	W	W	W	2.39	1.80	W	W
Mississippi	W	W	W	2.87	3.19	W	W
Tennessee	2.29	1.95	17.4	2.29	1.95	--	--
West South Central	1.66	1.55	7.6	1.77	1.62	1.52	1.44
Arkansas	1.75	1.76	-6	1.75	1.76	--	--
Louisiana	W	W	W	2.27	2.02	W	W
Oklahoma	W	W	W	1.32	1.18	W	W
Texas	W	W	W	1.95	1.75	W	W
Mountain	1.50	1.31	14.4	1.56	1.37	1.01	.84
Arizona	1.86	1.59	17.0	1.86	1.59	--	--
Colorado	1.45	1.26	15.1	1.45	1.26	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	1.99	1.25	W	W
Nevada	2.26	1.90	18.9	2.19	1.90	2.43	--
New Mexico	1.89	1.67	13.2	1.89	1.67	--	--
Utah	W	W	W	1.50	1.39	W	W
Wyoming	W	W	W	1.09	1.01	W	W
Pacific	2.09	1.95	7.0	1.47	1.45	2.35	2.11
California	W	W	W	--	--	W	W
Oregon	1.47	1.45	1.4	1.47	1.45	--	--
Washington	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	--	W	W	--	--	--	W
U.S. Total	2.13	1.77	20.3	2.17	1.78	2.01	1.73

W = Withheld to avoid disclosure of individual company data.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms. • Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, Year-to-Date through November 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	2008	2007	Percent Change	2008	2007	2008	2007
New England	2.87	2.83	1.6	3.51	2.88	2.71	2.81
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	2.49	2.77	-10.1	--	--	2.49	2.77
New Hampshire	3.51	2.88	21.9	3.51	2.88	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.23	1.90	17.4	2.25	2.33	2.23	1.89
New Jersey	3.15	2.86	10.1	2.45	3.69	3.18	2.86
New York	2.36	2.39	-1.3	2.07	2.28	2.37	2.40
Pennsylvania	2.13	1.73	23.1	--	--	2.13	1.73
East North Central	1.90	1.59	19.8	1.92	1.63	1.88	1.50
Illinois	1.73	1.32	31.1	1.91	1.38	1.72	1.32
Indiana	W	W	W	1.90	1.58	W	W
Michigan	W	W	W	1.92	1.69	W	W
Ohio	2.02	1.70	18.8	1.94	1.65	2.26	1.85
Wisconsin	W	W	W	1.92	1.66	W	W
West North Central	1.39	1.21	15.4	1.39	1.21	--	--
Iowa	1.20	1.05	14.3	1.20	1.05	--	--
Kansas	1.41	1.22	15.6	1.41	1.22	--	--
Minnesota	1.68	1.49	12.8	1.68	1.49	--	--
Missouri	1.61	1.32	22.0	1.61	1.32	--	--
Nebraska .....	.94	.88	6.8	.94	.88	--	--
North Dakota	1.13	.96	17.7	1.13	.96	--	--
South Dakota	1.78	1.55	14.8	1.78	1.55	--	--
South Atlantic	2.86	2.37	20.4	2.85	2.42	2.87	2.11
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	2.90	2.54	14.2	2.88	2.52	3.24	2.83
Georgia	3.03	2.60	16.5	3.03	2.60	--	--
Maryland	3.71	2.12	75.0	--	--	3.71	2.12
North Carolina	3.21	2.75	16.7	3.24	2.75	2.42	2.67
South Carolina	2.80	2.32	20.7	2.80	2.32	2.47	--
Virginia	2.65	2.48	6.9	2.63	2.40	2.77	2.81
West Virginia	W	W	W	2.32	1.81	W	W
East South Central	2.33	1.95	19.1	2.36	1.97	1.74	1.60
Alabama	2.64	2.05	28.8	2.64	2.05	--	--
Kentucky	W	W	W	2.15	1.77	W	W
Mississippi	W	W	W	2.97	2.92	W	W
Tennessee	2.14	1.91	12.0	2.14	1.91	--	--
West South Central	1.65	1.49	10.7	1.76	1.55	1.50	1.42
Arkansas	1.72	1.61	6.8	1.72	1.61	--	--
Louisiana	W	W	W	2.36	2.11	W	W
Oklahoma	W	W	W	1.39	1.16	W	W
Texas	W	W	W	1.87	1.63	W	W
Mountain	1.49	1.35	10.1	1.53	1.40	1.13	.89
Arizona	1.71	1.56	9.6	1.71	1.56	--	--
Colorado	1.44	1.26	14.3	1.44	1.26	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	1.93	1.12	W	W
Nevada	2.21	1.87	18.2	2.20	1.87	2.47	--
New Mexico	1.96	1.79	9.5	1.96	1.79	--	--
Utah	W	W	W	1.38	1.36	W	W
Wyoming	W	W	W	1.17	1.07	W	W
Pacific	2.06	1.84	12.1	1.45	1.38	2.28	1.98
California	W	W	W	--	--	W	W
Oregon	1.45	1.38	5.1	1.45	1.38	--	--
Washington	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.05	1.76	16.5	2.05	1.77	2.03	1.71

W = Withheld to avoid disclosure of individual company data.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms. • Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, November 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	10.58	W	W	13.24	19.84	9.82	W
Connecticut	13.62	22.62	-39.8	--	--	13.62	22.62
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	13.23	--	W	W
New Hampshire	14.31	19.84	-27.9	14.31	19.84	--	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	8.43	18.22	-53.7	7.92	18.47	8.60	18.22
New Jersey	8.56	W	W	7.79	19.04	9.63	W
New York	10.86	17.06	-36.3	12.49	18.45	10.71	16.47
Pennsylvania	7.93	W	W	--	--	7.93	W
East North Central	16.15	16.05	.6	15.25	14.61	18.49	20.34
Illinois	19.05	W	W	11.89	19.97	19.49	W
Indiana	15.54	20.69	-24.9	15.54	20.69	--	--
Michigan	13.97	10.02	39.4	13.97	10.02	--	--
Ohio	W	W	W	14.43	18.21	W	W
Wisconsin	W	21.05	W	22.61	21.05	W	--
West North Central	W	19.65	W	14.71	19.65	W	--
Iowa	15.51	20.21	-23.3	15.51	20.21	--	--
Kansas	14.83	--	--	14.83	--	--	--
Minnesota	W	16.02	W	14.29	16.02	W	--
Missouri	14.67	20.19	-27.3	14.67	20.19	--	--
Nebraska	14.62	--	--	14.62	--	--	--
North Dakota	15.05	21.15	-28.8	15.05	21.15	--	--
South Dakota	10.55	--	--	10.55	--	--	--
South Atlantic	9.13	12.34	-26.0	8.68	12.25	10.91	15.25
Delaware	11.83	W	W	--	--	11.83	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	8.11	11.92	W	W
Georgia	11.24	19.99	-43.8	11.25	19.99	8.51	--
Maryland	10.77	16.73	-35.6	--	--	10.77	16.73
North Carolina	W	W	W	14.63	19.37	W	W
South Carolina	11.60	19.52	-40.6	11.60	19.52	8.85	--
Virginia	W	W	W	6.67	16.88	W	W
West Virginia	W	20.13	W	15.81	20.13	W	--
East South Central	W	W	W	13.88	20.00	W	W
Alabama	12.98	19.21	-32.4	13.01	19.21	8.61	--
Kentucky	W	W	W	13.80	20.38	W	W
Mississippi	17.59	18.85	-6.7	17.59	18.85	--	--
Tennessee	14.42	19.34	-25.4	14.42	19.34	--	--
West South Central	W	18.80	W	10.66	18.21	W	19.57
Arkansas	7.29	15.91	-54.2	7.29	15.91	--	--
Louisiana	W	W	W	9.59	18.75	W	W
Oklahoma	14.74	20.73	-28.9	14.74	20.73	--	--
Texas	W	W	W	14.96	20.10	W	W
Mountain	W	W	W	16.15	21.20	W	W
Arizona	15.57	19.32	-19.4	15.57	19.32	--	--
Colorado	16.75	--	--	16.75	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	10.50	--	W	W
Nevada	16.18	--	--	15.43	--	17.94	--
New Mexico	17.52	21.11	-17.0	17.53	21.11	17.08	--
Utah	17.45	21.85	-20.1	13.85	21.85	17.77	--
Wyoming	16.55	21.86	-24.3	16.55	21.86	--	--
Pacific	W	W	W	16.10	--	W	W
California	W	W	W	16.80	--	W	W
Oregon	10.15	--	--	10.15	--	--	--
Washington	21.16	--	--	9.38	--	23.90	--
Alaska	11.87	--	--	11.87	--	--	--
Hawaii	W	W	W	16.49	--	W	W
U.S. Total	11.85	13.09	-9.5	12.52	12.73	10.65	13.85

W = Withheld to avoid disclosure of individual company data.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, Year-to-Date through November 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	2008	2007	Percent Change	2008	2007	2008	2007
New England	14.93	9.05	65.1	16.30	8.79	14.85	9.06
Connecticut	18.78	9.53	97.1	24.58	--	18.76	9.53
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	13.19	10.99	W	W
New Hampshire	W	8.76	W	18.13	8.76	W	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	17.15	8.36	105.0	15.83	7.00	18.46	9.94
New Jersey	16.47	10.99	49.9	14.01	4.70	18.38	15.74
New York	17.28	7.84	120.4	16.03	7.10	19.41	9.00
Pennsylvania	17.05	11.25	51.6	--	--	17.05	11.25
East North Central	21.99	13.72	60.3	21.68	13.05	23.22	16.50
Illinois	22.38	17.04	31.3	20.51	18.04	22.47	16.77
Indiana	23.45	14.63	60.3	23.45	14.63	--	--
Michigan	20.58	10.55	95.1	20.58	10.55	30.12	--
Ohio	W	W	W	21.87	15.66	W	W
Wisconsin	W	W	W	21.49	16.37	W	W
West North Central	W	W	W	21.18	16.66	W	W
Iowa	22.76	16.93	34.4	22.76	16.93	--	--
Kansas	23.21	16.28	42.6	23.21	16.28	--	--
Minnesota	W	W	W	15.92	15.30	W	W
Missouri	22.48	16.97	32.5	22.48	16.97	--	--
Nebraska	20.53	16.59	23.7	20.53	16.59	--	--
North Dakota	22.06	17.54	25.8	22.06	17.54	--	--
South Dakota	18.44	--	--	18.44	--	--	--
South Atlantic	14.77	9.58	54.1	14.42	9.39	18.85	11.23
Delaware	W	W	W	--	--	W	W
District of Columbia	W	W	W	--	--	W	W
Florida	14.11	9.27	52.2	14.09	9.23	15.70	11.74
Georgia	16.66	15.34	8.6	16.15	15.34	22.63	--
Maryland	18.54	10.56	75.6	--	--	18.54	10.56
North Carolina	W	W	W	20.81	14.58	W	W
South Carolina	14.37	15.71	-8.5	14.37	15.71	8.85	--
Virginia	15.38	9.14	68.3	14.81	8.71	19.52	11.79
West Virginia	W	15.61	W	22.67	15.61	W	--
East South Central	W	W	W	17.68	10.22	W	W
Alabama	18.40	14.09	30.6	18.05	14.09	20.46	--
Kentucky	W	W	W	23.10	15.80	W	W
Mississippi	9.77	7.80	25.3	9.77	7.80	--	--
Tennessee	17.84	15.54	14.8	17.84	15.54	--	--
West South Central	12.16	12.15	.0	10.48	11.68	21.37	12.65
Arkansas	13.34	14.79	-9.8	13.34	14.79	--	--
Louisiana	W	W	W	9.22	9.22	W	W
Oklahoma	15.36	16.39	-6.3	15.36	16.39	--	--
Texas	W	W	W	22.64	15.64	W	W
Mountain	20.51	16.84	21.8	20.20	17.14	21.87	14.95
Arizona	20.28	15.98	26.9	20.28	15.98	--	--
Colorado	W	W	W	22.31	18.00	W	W
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	17.57	--	W	W
Nevada	21.06	--	--	21.30	--	17.94	--
New Mexico	W	W	W	14.68	18.53	W	W
Utah	22.46	17.33	29.6	23.82	17.33	21.73	--
Wyoming	23.38	16.88	38.5	23.38	16.88	--	--
Pacific	W	W	W	19.26	16.19	W	W
California	W	W	W	24.11	--	W	W
Oregon	10.15	16.19	-37.3	10.15	16.19	--	--
Washington	W	W	W	13.16	--	W	W
Alaska	21.68	--	--	21.68	--	--	--
Hawaii	W	W	W	19.08	--	W	W
U.S. Total	16.75	9.53	75.8	16.43	9.10	17.69	10.29

W = Withheld to avoid disclosure of individual company data.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, November 2008 and 2007

(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.13	W	W	--	--	2.13	W
New Jersey	--	--	--	--	--	--	--
New York	2.23	W	W	--	--	2.23	W
Pennsylvania	1.76	--	--	--	--	1.76	--
East North Central	W	W	W	1.45	1.37	W	W
Illinois	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	W	W	W	--	1.75	W	W
Ohio	2.42	--	--	--	--	2.42	--
Wisconsin	1.45	1.34	8.2	1.45	1.34	--	--
West North Central	1.56	1.44	8.7	1.56	1.44	--	--
Iowa	2.20	1.94	13.4	2.20	1.94	--	--
Kansas	1.46	1.46	.0	1.46	1.46	--	--
Minnesota	1.32	1.02	29.4	1.32	1.02	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.03	1.72	18.0	2.03	1.72	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.03	1.72	18.0	2.03	1.72	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	W	W	W	--	--	W	W
Alabama	--	--	--	--	--	--	--
Kentucky	W	W	W	--	--	W	W
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	3.29	W	W	3.29	1.56	--	W
Arkansas	--	--	--	--	--	--	--
Louisiana	3.29	1.56	110.9	3.29	1.56	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	W	W	--	--	--	W
Mountain	W	W	W	--	--	W	W
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific	1.46	1.73	-15.6	--	--	1.46	1.73
California	1.46	1.73	-15.6	--	--	1.46	1.73
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	1.93	1.39	38.8	2.37	1.64	1.28	1.01

W = Withheld to avoid disclosure of individual company data.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • 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;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, Year-to-Date through November 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	2008	2007	Percent Change	2008	2007	2008	2007
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	W	W	W	--	--	W	W
New Jersey	--	--	--	--	--	--	--
New York	W	W	W	--	--	W	W
Pennsylvania	1.53	--	--	--	--	1.53	--
East North Central	W	W	W	1.47	1.35	W	W
Illinois	1.97	--	--	1.97	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	W	W	W	--	1.78	W	W
Ohio	1.75	--	--	--	--	1.75	--
Wisconsin	1.46	1.33	9.8	1.46	1.33	--	--
West North Central	1.56	1.38	13.6	1.56	1.38	--	--
Iowa	2.09	1.94	7.7	2.09	1.94	--	--
Kansas	1.58	1.39	13.7	1.58	1.39	--	--
Minnesota	1.14	1.04	9.6	1.14	1.04	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.14	1.88	13.8	2.14	1.88	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.14	1.88	13.8	2.14	1.88	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	W	W	W	--	--	W	W
Alabama	--	--	--	--	--	--	--
Kentucky	W	W	W	--	--	W	W
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	W	W	W	2.33	1.61	W	W
Arkansas	--	--	--	--	--	--	--
Louisiana	2.33	1.61	44.7	2.33	1.61	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	W	W	W	--	--	W	W
Mountain	W	W	W	--	--	W	W
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific	1.63	1.81	-9.9	--	--	1.63	1.81
California	1.63	1.81	-9.9	--	--	1.63	1.81
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	1.73	1.46	18.5	2.09	1.74	1.26	1.02

W = Withheld to avoid disclosure of individual company data.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • 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;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State, November 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Nov 2008	Nov 2007	Percent Change	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England	7.43	7.85	-5.3	9.53	7.72	7.43	7.85
Connecticut	7.45	7.89	-5.6	23.30	--	7.44	7.89
Maine	W	W	W	--	--	W	W
Massachusetts	7.48	7.84	-4.6	9.49	7.68	7.48	7.84
New Hampshire	W	W	W	11.92	--	W	W
Rhode Island	7.51	7.81	-3.8	--	--	7.51	7.81
Vermont	4.69	8.24	-43.1	4.69	8.24	--	--
Middle Atlantic	7.70	8.07	-4.6	7.70	7.98	7.70	8.09
New Jersey	7.54	8.24	-8.5	8.42	--	7.54	8.24
New York	7.81	8.04	-2.9	7.70	7.98	7.87	8.07
Pennsylvania	7.55	7.97	-5.3	--	--	7.55	7.97
East North Central	6.95	6.85	1.5	9.13	8.35	6.57	6.65
Illinois	6.86	7.32	-6.3	7.88	--	6.77	7.32
Indiana	7.15	7.28	-1.8	8.91	8.03	6.90	7.20
Michigan	7.06	6.33	11.5	10.04	7.79	6.77	6.31
Ohio	7.71	W	W	8.85	8.54	7.52	W
Wisconsin	6.24	W	W	8.97	8.41	4.84	W
West North Central	W	6.96	W	5.55	6.98	W	6.91
Iowa	7.65	8.03	-4.7	7.65	8.03	--	--
Kansas	4.68	6.05	-22.6	4.68	6.05	--	--
Minnesota	W	W	W	7.78	7.58	W	W
Missouri	4.62	W	W	4.55	6.96	5.40	W
Nebraska	6.51	8.63	-24.6	6.51	8.63	--	--
North Dakota	8.67	--	--	8.67	--	--	--
South Dakota	8.80	--	--	8.80	--	--	--
South Atlantic	W	8.97	W	9.11	9.34	W	7.26
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	9.11	9.11	.0	9.38	9.47	6.67	6.59
Georgia	7.49	7.45	.5	7.41	7.24	7.63	7.93
Maryland	7.79	7.69	1.3	--	--	7.79	7.69
North Carolina	W	W	W	10.74	13.60	W	W
South Carolina	W	W	W	7.56	7.88	W	W
Virginia	7.39	8.57	-13.8	8.06	8.58	5.09	8.56
West Virginia	7.29	W	W	7.21	7.90	7.60	W
East South Central	7.49	7.56	-1.0	6.88	7.81	8.07	7.32
Alabama	8.07	7.57	6.6	7.05	7.95	8.72	7.22
Kentucky	W	W	W	10.53	8.33	W	W
Mississippi	W	W	W	6.65	7.60	W	W
Tennessee	7.26	--	--	7.26	--	--	--
West South Central	5.61	6.54	-14.2	5.51	6.77	5.68	6.43
Arkansas	4.35	6.43	-32.3	9.40	6.26	4.20	6.43
Louisiana	6.95	7.54	-7.8	7.01	7.65	6.79	7.28
Oklahoma	4.59	6.38	-28.1	4.48	6.49	4.77	5.97
Texas	5.65	6.45	-12.4	5.27	6.61	5.78	6.41
Mountain	4.86	5.69	-14.6	4.84	5.89	4.87	5.48
Arizona	4.57	6.45	-29.1	4.21	6.84	4.80	6.18
Colorado	4.03	4.25	-5.2	3.84	4.36	4.14	4.22
Idaho	W	W	W	6.08	--	W	W
Montana	W	W	W	8.41	7.82	W	W
Nevada	6.07	5.87	3.4	6.44	6.00	5.56	5.49
New Mexico	W	W	W	5.25	6.58	W	W
Utah	W	W	W	3.12	4.33	W	W
Wyoming	W	W	W	7.53	9.53	W	W
Pacific	5.37	6.38	-15.9	5.54	5.73	5.30	6.62
California	5.19	6.52	-20.4	5.09	5.95	5.23	6.68
Oregon	5.65	6.29	-10.2	6.12	6.73	5.31	6.01
Washington	7.07	6.87	2.9	9.18	--	6.13	6.87
Alaska	5.12	3.57	43.4	5.12	3.57	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	6.49	7.10	-8.6	6.83	7.49	6.24	6.86

W = Withheld to avoid disclosure of individual company data.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms. • Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, Year-to-Date through November 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	2008	2007	Percent Change	2008	2007	2008	2007
New England	10.23	7.64	33.9	12.20	7.51	10.21	7.64
Connecticut	10.57	7.68	37.6	21.59	--	10.56	7.68
Maine	W	W	W	--	--	W	W
Massachusetts	10.22	7.65	33.6	12.04	7.47	10.19	7.65
New Hampshire	W	W	W	12.15	7.88	W	W
Rhode Island	10.39	7.70	34.9	--	--	10.39	7.70
Vermont	9.19	7.54	21.9	9.19	7.54	--	--
Middle Atlantic	10.67	7.77	37.3	10.68	7.85	10.67	7.76
New Jersey	10.91	7.74	41.0	10.26	--	10.91	7.74
New York	10.64	7.83	35.9	10.68	7.85	10.62	7.83
Pennsylvania	10.46	7.65	36.7	--	--	10.46	7.65
East North Central	9.98	6.98	42.8	10.71	7.81	9.76	6.82
Illinois	11.31	7.09	59.5	13.84	--	10.94	7.09
Indiana	9.70	7.35	32.0	10.44	7.46	9.49	7.31
Michigan	9.71	6.53	48.7	10.94	8.10	9.55	6.38
Ohio	10.71	7.58	41.3	11.00	7.62	10.62	7.57
Wisconsin	9.44	7.38	27.9	10.08	7.87	8.78	6.98
West North Central	8.70	6.73	29.3	8.73	6.77	8.58	6.60
Iowa	9.62	7.59	26.7	9.62	7.59	--	--
Kansas	8.25	6.17	33.7	8.25	6.17	--	--
Minnesota	W	W	W	9.61	7.62	W	W
Missouri	W	W	W	8.07	7.04	W	W
Nebraska	9.12	9.01	1.2	9.12	9.01	--	--
North Dakota	10.53	5.99	75.8	10.53	5.99	--	--
South Dakota	10.60	--	--	10.60	--	--	--
South Atlantic	10.39	8.68	19.7	10.33	9.11	10.67	7.35
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	10.28	9.07	13.3	10.31	9.40	10.08	6.81
Georgia	10.53	7.24	45.4	9.96	7.03	11.28	7.42
Maryland	11.61	7.55	53.8	--	--	11.61	7.55
North Carolina	W	W	W	10.78	9.03	W	W
South Carolina	10.80	7.90	36.7	10.25	7.95	12.47	7.82
Virginia	10.80	8.11	33.2	10.86	7.88	10.71	8.37
West Virginia	W	W	W	9.93	8.54	W	W
East South Central	9.71	7.06	37.5	9.53	6.92	9.90	7.18
Alabama	9.67	6.94	39.3	9.02	6.53	10.12	7.20
Kentucky	W	W	W	11.40	8.07	W	W
Mississippi	9.64	7.17	34.4	9.68	7.19	9.59	7.15
Tennessee	W	W	W	9.99	--	W	W
West South Central	9.09	6.66	36.3	9.08	6.78	9.09	6.60
Arkansas	8.99	6.84	31.4	10.64	7.42	8.65	6.82
Louisiana	10.21	7.29	40.1	10.13	7.37	10.38	7.14
Oklahoma	8.41	6.46	30.2	8.30	6.52	8.62	6.35
Texas	9.04	6.60	37.0	8.95	6.65	9.07	6.58
Mountain	8.11	5.84	38.8	8.05	5.97	8.16	5.72
Arizona	8.68	6.67	30.1	8.90	6.86	8.53	6.54
Colorado	6.92	4.06	70.4	6.89	3.95	6.94	4.10
Idaho	W	W	W	8.54	--	W	W
Montana	W	W	W	10.22	6.85	W	W
Nevada	8.22	5.99	37.2	8.00	6.05	8.53	5.89
New Mexico	W	W	W	8.79	6.54	W	W
Utah	W	W	W	6.45	4.29	W	W
Wyoming	W	W	W	9.72	6.92	W	W
Pacific	8.13	6.28	29.5	7.66	5.61	8.34	6.49
California	8.45	6.49	30.2	8.15	5.94	8.57	6.63
Oregon	7.05	5.87	20.1	7.65	6.17	6.71	5.70
Washington	8.30	5.84	42.1	9.15	5.26	8.07	5.85
Alaska	4.32	3.59	20.3	4.32	3.59	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	9.35	7.08	32.1	9.33	7.43	9.36	6.87

W = Withheld to avoid disclosure of individual company data.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding. • Monetary values are expressed in nominal terms. • Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, November 2008
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	549	.8	7.9	101	.1	2.0	--	--	--
Connecticut.....	39	1.0	11.6	101	.1	2.0	--	--	--
Maine.....	7	.8	6.5	--	--	--	--	--	--
Massachusetts.....	362	.6	7.8	--	--	--	--	--	--
New Hampshire.....	142	1.4	7.3	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic	4,082	2.3	10.6	608	.3	4.4	--	--	--
New Jersey.....	289	1.4	7.6	128	.1	2.3	--	--	--
New York.....	471	2.6	9.1	313	.3	4.9	--	--	--
Pennsylvania.....	3,322	2.4	11.1	167	.3	5.0	--	--	--
East North Central	8,451	2.3	10.0	13,342	.3	4.9	--	--	--
Illinois.....	404	3.2	10.1	5,093	.2	4.9	--	--	--
Indiana.....	3,502	2.3	9.4	2,121	.2	4.8	--	--	--
Michigan.....	735	1.2	9.2	2,857	.3	5.0	--	--	--
Ohio.....	3,616	2.4	10.8	1,156	.3	5.0	--	--	--
Wisconsin.....	194	1.0	9.5	2,115	.3	5.0	--	--	--
West North Central	256	2.5	9.5	10,521	.3	5.4	2,047	.7	10.1
Iowa.....	113	2.4	8.3	2,149	.3	5.2	--	--	--
Kansas.....	16	3.9	15.8	1,548	.3	5.2	--	--	--
Minnesota.....	13	1.8	11.1	1,586	.4	6.4	--	--	--
Missouri.....	114	2.5	9.6	3,964	.3	5.2	--	--	--
Nebraska.....	--	--	--	1,033	.3	5.4	--	--	--
North Dakota.....	--	--	--	65	.3	5.7	2,047	.7	10.1
South Dakota.....	--	--	--	178	.3	5.3	--	--	--
South Atlantic	13,191	1.4	11.1	1,357	.3	4.7	--	--	--
Delaware.....	156	.8	11.2	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	2,513	1.4	10.2	--	--	--	--	--	--
Georgia.....	2,143	1.1	11.0	1,123	.3	4.6	--	--	--
Maryland.....	771	1.2	11.0	26	.2	5.1	--	--	--
North Carolina.....	2,604	1.0	11.8	--	--	--	--	--	--
South Carolina.....	1,259	1.3	10.9	--	--	--	--	--	--
Virginia.....	957	1.0	10.2	--	--	--	--	--	--
West Virginia.....	2,788	2.1	11.9	208	.2	5.2	--	--	--
East South Central	7,640	2.3	11.0	2,152	.3	5.0	122	.5	15.9
Alabama.....	1,904	1.6	11.6	1,075	.3	5.0	--	--	--
Kentucky.....	3,577	2.7	11.1	221	.4	5.2	--	--	--
Mississippi.....	306	.7	10.6	80	.2	4.3	122	.5	15.9
Tennessee.....	1,852	2.6	10.1	776	.4	5.1	--	--	--
West South Central	36	2.2	27.6	9,092	.3	5.1	3,631	1.1	16.7
Arkansas.....	--	--	--	1,472	.3	4.9	--	--	--
Louisiana.....	--	--	--	907	.3	4.8	371	.7	12.4
Oklahoma.....	36	2.2	27.6	1,864	.3	5.2	--	--	--
Texas.....	--	--	--	4,848	.3	5.2	3,260	1.1	17.2
Mountain	3,537	.6	14.3	6,486	.5	9.0	29	.9	14.4
Arizona.....	995	.6	11.6	1,057	.6	8.9	--	--	--
Colorado.....	473	.5	11.5	1,315	.3	5.7	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	998	.7	9.4	29	.9	14.4
Nevada.....	81	.4	10.9	150	.4	6.6	--	--	--
New Mexico.....	815	.8	22.7	588	.7	21.7	--	--	--
Utah.....	1,173	.5	12.1	302	.6	10.0	--	--	--
Wyoming.....	--	--	--	2,076	.5	7.3	--	--	--
Pacific Contiguous	129	.6	11.9	737	.3	8.1	--	--	--
California.....	129	.6	11.9	--	--	--	--	--	--
Oregon.....	--	--	--	248	.3	5.1	--	--	--
Washington.....	--	--	--	489	.4	9.7	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	37,872	1.8	11.1	44,396	.3	5.7	5,829	.9	14.3

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2008 are preliminary. • 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;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilities by State, November 2008
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	142	1.4	7.3	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--
New Hampshire.....	142	1.4	7.3	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic	9	2.3	8.7	--	--	--	--	--	--
New Jersey.....	2	1.4	7.6	--	--	--	--	--	--
New York.....	7	2.6	9.1	--	--	--	--	--	--
Pennsylvania.....	--	--	--	--	--	--	--	--	--
East North Central	7,397	2.3	10.0	7,294	.3	4.9	--	--	--
Illinois.....	137	3.4	11.0	--	--	--	--	--	--
Indiana.....	3,366	2.3	9.3	1,997	.2	4.8	--	--	--
Michigan.....	689	1.2	9.2	2,852	.3	5.0	--	--	--
Ohio.....	3,059	2.5	10.9	351	.2	5.1	--	--	--
Wisconsin.....	146	.7	9.7	2,094	.3	5.0	--	--	--
West North Central	195	2.3	9.8	10,412	.3	5.4	2,047	.7	10.1
Iowa.....	62	1.8	8.1	2,082	.3	5.2	--	--	--
Kansas.....	16	3.9	15.8	1,548	.3	5.2	--	--	--
Minnesota.....	13	1.8	11.1	1,543	.4	6.4	--	--	--
Missouri.....	104	2.5	9.7	3,964	.3	5.2	--	--	--
Nebraska.....	--	--	--	1,033	.3	5.4	--	--	--
North Dakota.....	--	--	--	65	.3	5.7	2,047	.7	10.1
South Dakota.....	--	--	--	178	.3	5.3	--	--	--
South Atlantic	10,719	1.3	11.1	1,273	.3	4.6	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	2,314	1.4	10.0	--	--	--	--	--	--
Georgia.....	2,076	1.1	11.0	1,123	.3	4.6	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--
North Carolina.....	2,449	1.0	11.8	--	--	--	--	--	--
South Carolina.....	1,232	1.3	11.0	--	--	--	--	--	--
Virginia.....	678	1.1	10.3	--	--	--	--	--	--
West Virginia.....	1,969	1.6	11.9	150	.2	5.2	--	--	--
East South Central	7,120	2.3	11.1	2,152	.3	5.0	--	--	--
Alabama.....	1,889	1.6	11.7	1,075	.3	5.0	--	--	--
Kentucky.....	3,224	2.7	11.2	221	.4	5.2	--	--	--
Mississippi.....	306	.7	10.6	80	.2	4.3	--	--	--
Tennessee.....	1,702	2.8	10.4	776	.4	5.1	--	--	--
West South Central	--	--	--	5,935	.3	5.1	1,003	1.4	18.2
Arkansas.....	--	--	--	1,472	.3	4.9	--	--	--
Louisiana.....	--	--	--	262	.3	5.1	371	.7	12.4
Oklahoma.....	--	--	--	1,719	.3	5.1	--	--	--
Texas.....	--	--	--	2,482	.3	5.2	632	1.8	21.6
Mountain	3,537	.6	14.3	5,284	.5	9.0	29	.9	14.4
Arizona.....	995	.6	11.6	1,020	.6	8.9	--	--	--
Colorado.....	473	.5	11.5	1,315	.3	5.7	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	*	.7	9.4	29	.9	14.4
Nevada.....	81	.4	10.9	73	.4	8.2	--	--	--
New Mexico.....	815	.8	22.7	588	.7	21.7	--	--	--
Utah.....	1,173	.5	12.1	302	.6	10.0	--	--	--
Wyoming.....	--	--	--	1,986	.5	7.3	--	--	--
Pacific Contiguous	--	--	--	248	.3	5.1	--	--	--
California.....	--	--	--	--	--	--	--	--	--
Oregon.....	--	--	--	248	.3	5.1	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	29,120	1.7	11.2	32,599	.3	5.8	3,078	1.0	12.8

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

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding.

Sources: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, November 2008
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	403	.6	8.2	101	.1	2.0	--	--	--
Connecticut.....	39	1.0	11.6	101	.1	2.0	--	--	--
Maine.....	2	.8	7.0	--	--	--	--	--	--
Massachusetts.....	362	.6	7.8	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic	4,007	2.3	10.6	566	.3	4.3	--	--	--
New Jersey.....	286	1.4	7.6	128	.1	2.3	--	--	--
New York.....	442	2.6	9.2	313	.3	4.9	--	--	--
Pennsylvania.....	3,279	2.4	11.1	125	.3	4.8	--	--	--
East North Central	776	1.9	10.6	5,948	.2	4.9	--	--	--
Illinois.....	92	3.1	9.2	5,014	.2	4.9	--	--	--
Indiana.....	136	2.4	11.7	124	.3	4.7	--	--	--
Michigan.....	17	1.4	9.6	5	.4	5.5	--	--	--
Ohio.....	529	1.6	10.6	805	.3	5.0	--	--	--
Wisconsin.....	2	1.0	9.5	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--
Iowa.....	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
South Atlantic	2,233	1.9	11.2	84	.2	5.0	--	--	--
Delaware.....	156	.8	11.2	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	179	1.0	12.2	--	--	--	--	--	--
Georgia.....	--	--	--	--	--	--	--	--	--
Maryland.....	734	1.2	10.5	26	.2	5.1	--	--	--
North Carolina.....	105	1.0	11.8	--	--	--	--	--	--
South Carolina.....	1	1.3	10.9	--	--	--	--	--	--
Virginia.....	261	.9	9.8	--	--	--	--	--	--
West Virginia.....	797	3.4	11.9	58	.2	5.0	--	--	--
East South Central	353	3.0	10.2	--	--	--	122	.5	15.9
Alabama.....	--	--	--	--	--	--	--	--	--
Kentucky.....	353	3.0	10.2	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	122	.5	15.9
Tennessee.....	--	--	--	--	--	--	--	--	--
West South Central	29	2.2	27.6	3,121	.3	5.2	2,628	.9	16.1
Arkansas.....	--	--	--	--	--	--	--	--	--
Louisiana.....	--	--	--	645	.3	4.6	--	--	--
Oklahoma.....	29	2.2	27.6	110	.8	6.5	--	--	--
Texas.....	--	--	--	2,366	.3	5.2	2,628	.9	16.1
Mountain	--	--	--	1,165	.7	8.9	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	998	.7	9.4	--	--	--
Nevada.....	--	--	--	77	.3	5.0	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	90	.4	6.8	--	--	--
Pacific Contiguous	76	.7	12.4	479	.4	9.8	--	--	--
California.....	76	.7	12.4	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	479	.4	9.8	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	7,877	2.1	10.7	11,465	.3	5.6	2,750	.9	16.1

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2008 are preliminary. • 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;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Combined Heat and Power Producers by State, November 2008
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--	--	--
New Jersey.....	--	--	--	--	--	--	--	--	--
New York.....	--	--	--	--	--	--	--	--	--
Pennsylvania.....	--	--	--	--	--	--	--	--	--
East North Central	26	2.0	9.3	--	--	--	--	--	--
Illinois.....	9	3.0	8.4	--	--	--	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--
Michigan.....	17	1.5	9.8	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--
West North Central	10	3.2	9.2	--	--	--	--	--	--
Iowa.....	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--
Missouri.....	10	3.2	9.2	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
South Atlantic	--	--	--	--	--	--	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	--	--	--	--	--	--	--	--	--
Georgia.....	--	--	--	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	--	--	--
Arkansas.....	--	--	--	--	--	--	--	--	--
Louisiana.....	--	--	--	--	--	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--
Texas.....	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--	--	--
California.....	--	--	--	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	36	2.3	9.3	--	--	--	--	--	--

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2008 are preliminary. • Values include a small number of commercial electricity-only plants. • 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;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Combined Heat and Power Producers by State, November 2008
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	5	.8	6.3	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--
Maine.....	5	.8	6.3	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
Middle Atlantic	66	2.4	10.6	42	.3	5.7	--	--	--
New Jersey.....	--	--	--	--	--	--	--	--	--
New York.....	22	2.3	7.8	--	--	--	--	--	--
Pennsylvania.....	44	2.5	12.0	42	.3	5.7	--	--	--
East North Central	252	3.0	10.1	99	.4	5.3	--	--	--
Illinois.....	166	3.1	10.0	79	.4	5.5	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--
Michigan.....	11	.9	10.0	--	--	--	--	--	--
Ohio.....	29	4.6	12.4	--	--	--	--	--	--
Wisconsin.....	46	1.9	8.9	20	.2	4.6	--	--	--
West North Central	50	3.2	8.7	109	.4	5.8	--	--	--
Iowa.....	50	3.2	8.7	67	.3	5.4	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	43	.4	6.4	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
South Atlantic	239	1.1	12.4	--	--	--	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	19	1.4	10.2	--	--	--	--	--	--
Georgia.....	67	.9	11.6	--	--	--	--	--	--
Maryland.....	37	2.2	20.6	--	--	--	--	--	--
North Carolina.....	50	.9	11.6	--	--	--	--	--	--
South Carolina.....	26	.9	9.1	--	--	--	--	--	--
Virginia.....	18	.8	8.1	--	--	--	--	--	--
West Virginia.....	23	1.2	12.5	--	--	--	--	--	--
East South Central	166	.9	7.8	--	--	--	--	--	--
Alabama.....	16	1.1	7.8	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--
Tennessee.....	151	.8	7.8	--	--	--	--	--	--
West South Central	7	2.2	27.6	35	.3	5.2	--	--	--
Arkansas.....	--	--	--	--	--	--	--	--	--
Louisiana.....	--	--	--	--	--	--	--	--	--
Oklahoma.....	7	2.2	27.6	35	.3	5.2	--	--	--
Texas.....	--	--	--	--	--	--	--	--	--
Mountain	*	.4	10.6	37	.6	8.9	--	--	--
Arizona.....	--	--	--	37	.6	8.9	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--
Utah.....	*	.4	10.6	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--
Pacific Contiguous	53	.4	11.2	9	.4	5.3	--	--	--
California.....	53	.4	11.2	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	9	.4	5.3	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
U.S. Total	839	1.8	10.4	332	.4	5.9	--	--	--

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

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2008 are preliminary. • Values include a small number of industrial electricity-only plants. • 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;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Chapter 5. Retail Sales, Revenue, and Average Retail Price of Electricity

Table 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 1994 through November 2008
(Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation ¹	Other	All Sectors
1994	1,008,482	820,269	1,007,981	NA	97,830	2,934,563
1995	1,042,501	862,685	1,012,693	NA	95,407	3,013,287
1996	1,082,512	887,445	1,033,631	NA	97,539	3,101,127
1997	1,075,880	928,633	1,038,197	NA	102,901	3,145,610
1998	1,130,109	979,401	1,051,203	NA	103,518	3,264,231
1999	1,144,923	1,001,996	1,058,217	NA	106,952	3,312,087
2000	1,192,446	1,055,232	1,064,239	NA	109,496	3,421,414
2001	1,201,607	1,083,069	996,609	NA	113,174	3,394,458
2002	1,265,180	1,104,497	990,238	NA	105,552	3,465,466
2003	1,275,824	1,198,728	1,012,373	6,810	--	3,493,734
2004	1,291,982	1,230,425	1,017,850	7,224	--	3,547,479
2005	1,359,227	1,275,079	1,019,156	7,506	--	3,660,969
2006						
January	120,419	101,933	81,865	649	--	304,866
February	104,511	95,713	80,207	615	--	281,046
March	104,955	101,115	83,264	636	--	289,970
April	89,374	96,551	81,696	587	--	268,208
May	94,000	106,442	86,179	577	--	287,198
June	118,815	115,785	86,630	609	--	321,840
July	147,338	125,541	88,880	627	--	362,387
August	150,064	127,655	90,285	630	--	368,634
September	116,072	114,231	86,364	615	--	317,282
October	96,246	109,000	85,337	602	--	291,186
November	94,843	101,104	80,653	582	--	277,182
December	114,882	104,673	79,937	627	--	300,119
Total	1,351,520	1,299,744	1,011,298	7,358	--	3,669,919
2007						
January	125,286	106,667	82,384	766	--	315,104
February	121,464	100,756	78,392	719	--	301,331
March	105,695	102,640	82,582	743	--	291,660
April	90,282	101,051	83,361	646	--	275,341
May	96,389	108,559	87,241	611	--	292,800
June	117,418	117,352	87,572	665	--	323,007
July	139,027	123,923	89,017	675	--	352,642
August	150,101	130,475	92,115	673	--	373,365
September	129,512	119,898	87,428	687	--	337,525
October	103,754	114,481	88,896	652	--	307,783
November	95,905	104,603	85,118	673	--	286,299
December	117,408	105,909	83,725	663	--	307,704
Total	1,392,241	1,336,315	1,027,832	8,173	--	3,764,561
2008						
January	133,623	109,646	83,368	693	--	327,330
February	119,138	105,045	81,678	668	--	306,528
March	107,602	103,826	83,585	634	--	295,647
April	92,513	103,506	82,281	614	--	278,913
May	92,559	108,472	89,497	596	--	291,124
June	121,758	121,321	85,618	622	--	329,319
July	144,003	130,907	87,370	644	--	362,925
August	139,511	127,484	87,189	640	--	354,824
September	118,343	121,521	84,899	625	--	325,388
October	96,607	112,892	83,007	628	--	293,134
November	96,153	104,245	78,610	616	--	279,623
Total	1,261,810	1,248,865	927,102	6,978	--	3,444,755
Year to Date						
2006	1,236,638	1,195,071	931,360	6,730	--	3,369,800
2007	1,274,833	1,230,407	944,107	7,509	--	3,456,856
2008	1,261,810	1,248,865	927,102	6,978	--	3,444,755
Rolling 12 Months Ending in November						
2007	1,389,715	1,335,080	1,024,045	8,137	--	3,756,976
2008	1,379,218	1,354,774	1,010,826	7,642	--	3,752,460

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
NA = Not available.

Notes: • See Glossary for definitions. • Geographic coverage is the 50 States and the District of Columbia. • Sales values for 1996-2007 include energy service provider (power marketer) data. • Values for 2007 and prior years are final. • Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

Sources: 2006-2008: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report;" 1992-2005: Form EIA-861, "Annual Electric Power Industry Report."

Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 1994 through November 2008
(Million Dollars)

Period	Residential	Commercial	Industrial ¹	Transportation ¹	Other	All Sectors
1994	84,552	63,396	48,069	NA	6,689	202,706
1995	87,610	66,365	47,175	NA	6,567	207,717
1996	90,503	67,829	47,536	NA	6,741	212,609
1997	90,704	70,497	47,023	NA	7,110	215,334
1998	93,360	72,575	47,050	NA	6,863	219,848
1999	93,483	72,771	46,846	NA	6,796	219,896
2000	98,209	78,405	49,369	NA	7,179	233,163
2001	103,158	85,741	50,293	NA	8,151	247,343
2002	106,834	87,117	48,336	NA	7,124	249,411
2003	111,249	96,263	51,741	514	--	259,767
2004	115,577	100,546	53,477	519	--	270,119
2005	128,393	110,522	58,445	643	--	298,003
2006						
January	11,496	9,043	4,734	57	--	25,330
February	10,243	8,753	4,796	56	--	23,848
March	10,358	9,165	4,893	58	--	24,473
April	9,220	8,851	4,848	53	--	22,972
May	9,974	9,816	5,174	53	--	25,016
June	12,889	11,434	5,552	60	--	29,934
July	16,148	12,520	5,879	65	--	34,613
August	16,410	12,818	6,007	64	--	35,299
September	12,702	11,300	5,498	62	--	29,562
October	10,187	10,368	5,260	60	--	25,876
November	9,655	9,344	4,873	55	--	23,927
December	11,300	9,503	4,792	60	--	25,656
Total	140,582	122,914	62,308	702	--	326,506
2007						
January	12,599	9,733	5,048	68	--	27,448
February	12,016	9,410	4,829	67	--	26,323
March	10,854	9,597	5,134	82	--	25,666
April	9,595	9,479	5,161	61	--	24,296
May	10,385	10,328	5,468	60	--	26,242
June	13,019	11,672	5,769	66	--	30,525
July	15,396	12,568	5,974	71	--	34,010
August	16,621	13,143	6,296	67	--	36,128
September	14,189	11,873	5,700	67	--	31,829
October	11,226	11,182	5,740	63	--	28,211
November	10,264	9,938	5,348	59	--	25,609
December	12,130	9,980	5,245	61	--	27,416
Total	148,295	128,903	65,712	792	--	343,703
2008						
January	13,635	10,453	5,227	70	--	29,385
February	12,201	9,990	5,213	74	--	27,478
March	11,319	10,035	5,444	69	--	26,868
April	10,144	10,109	5,522	64	--	25,840
May	10,577	10,915	6,059	66	--	27,617
June	14,372	13,202	6,353	73	--	34,001
July	17,410	14,509	6,773	79	--	38,770
August	16,879	14,107	6,638	80	--	37,705
September	14,133	13,087	6,249	82	--	33,550
October	11,458	11,845	6,010	69	--	29,381
November	11,029	10,564	5,549	65	--	27,207
Total	143,158	128,815	65,035	793	--	337,801
Year to Date						
2006	129,282	113,411	57,515	642	--	300,850
2007	136,164	118,923	60,467	732	--	316,287
2008	143,158	128,815	65,035	793	--	337,801
Rolling 12 Months Ending in November						
2007	147,465	128,426	65,260	791	--	341,942
2008	155,289	138,795	70,280	853	--	365,217

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

NA = Not available. Form EIA-767 data collection was suspended in the data year 2006.

Notes: • See Glossary for definitions. • Geographic coverage is the 50 States and the District of Columbia. • Revenue values for 1996-2007 include energy service provider (power marketer) data. • Values for 2007 and prior years are final. • Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Values for 1996 in the commercial and industrial sectors reflect an electric utility's reclassification for this information by Standard Industrial Classification. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Sources: 2006-2008: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report;" 1992-2005: Form EIA-861, "Annual Electric Power Industry Report."

Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 1994 through November 2008
(Cents per Kilowatthour)

Period	Residential	Commercial	Industrial ¹	Transportation ¹	Other	All Sectors
1994	8.38	7.73	4.77	NA	6.84	6.91
1995	8.40	7.69	4.66	NA	6.88	6.89
1996	8.36	7.64	4.60	NA	6.91	6.86
1997	8.43	7.59	4.53	NA	6.91	6.85
1998	8.26	7.41	4.48	NA	6.63	6.74
1999	8.16	7.26	4.43	NA	6.35	6.64
2000	8.24	7.43	4.64	NA	6.56	6.81
2001	8.58	7.92	5.05	NA	7.20	7.29
2002	8.44	7.89	4.88	NA	6.75	7.20
2003	8.72	8.03	5.11	7.54	--	7.44
2004	8.95	8.17	5.25	7.18	--	7.61
2005	9.45	8.67	5.73	8.57	--	8.14
2006						
January	9.55	8.87	5.78	8.75	--	8.31
February	9.80	9.14	5.98	9.18	--	8.49
March	9.87	9.06	5.88	9.06	--	8.44
April	10.32	9.17	5.93	8.97	--	8.56
May	10.61	9.22	6.00	9.12	--	8.71
June	10.85	9.88	6.41	9.82	--	9.30
July	10.96	9.97	6.61	10.30	--	9.55
August	10.94	10.04	6.65	10.20	--	9.58
September	10.94	9.89	6.37	10.11	--	9.32
October	10.58	9.51	6.16	10.02	--	8.89
November	10.18	9.24	6.04	9.40	--	8.63
December	9.84	9.08	6.00	9.56	--	8.55
Total	10.40	9.46	6.16	9.54	--	8.90
2007						
January	10.06	9.12	6.13	8.92	--	8.71
February	9.89	9.34	6.16	9.38	--	8.74
March	10.27	9.35	6.22	11.04	--	8.80
April	10.63	9.38	6.19	9.42	--	8.82
May	10.77	9.51	6.27	9.84	--	8.96
June	11.09	9.95	6.59	9.88	--	9.45
July	11.07	10.14	6.71	10.57	--	9.64
August	11.07	10.07	6.84	9.98	--	9.68
September	10.96	9.90	6.52	9.76	--	9.43
October	10.82	9.77	6.46	9.61	--	9.17
November	10.70	9.50	6.28	8.76	--	8.94
December	10.33	9.42	6.26	9.19	--	8.91
Total	10.65	9.65	6.39	9.70	--	9.13
2008						
January	10.20	9.53	6.27	10.09	--	8.98
February	10.24	9.51	6.38	11.14	--	8.96
March	10.52	9.67	6.51	10.96	--	9.09
April	10.97	9.77	6.71	10.49	--	9.26
May	11.43	10.06	6.77	11.10	--	9.49
June	11.80	10.88	7.42	11.79	--	10.33
July	12.09	11.08	7.75	12.19	--	10.68
August	12.10	11.07	7.61	12.58	--	10.63
September	11.94	10.77	7.36	13.16	--	10.31
October	11.86	10.49	7.24	10.91	--	10.02
November	11.47	10.13	7.06	10.61	--	9.73
Total	11.35	10.32	7.02	11.36	--	9.81
Year to Date						
2006	10.45	9.49	6.18	9.54	--	8.93
2007	10.68	9.67	6.40	9.74	--	9.15
2008	11.35	10.32	7.02	11.36	--	9.81
Rolling 12 Months Ending in November						
2007	10.61	9.62	6.37	9.73	--	9.10
2008	11.26	10.24	6.95	11.17	--	9.73

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

NA = Not available. Form EIA-767 data collection was suspended in the data year 2006.

Notes: • See Glossary for definitions. • Prices are calculated by dividing revenue by sales. Revenue may not correspond to sales for a particular month because of energy service provider billing and accounting procedures. That lack of correspondence could result in uncharacteristic increases or decreases in the monthly prices. • Geographic coverage is the 50 States and the District of Columbia. • Average Revenue values for 1996-2007 include energy service provider (power marketer) data. • Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Values for 2007 and prior years are final. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Values for 1996 in the commercial and industrial sectors reflect an electric utility's reclassification for this information by Standard Industrial Classification. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Totals may not equal sum of components because of independent rounding.

Sources: 2006-2008: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report;" 1992-2005: Form EIA-861, "Annual Electric Power Industry Report."

Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, November 2008 and 2007

(Million Kilowatthours)

Census Division and State	Residential		Commercial ¹		Industrial ¹		Transportation ¹		All Sectors	
	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England.....	3,698	3,638	4,402	4,443	1,797	1,889	43	49	9,940	10,020
Connecticut.....	1,022	1,018	1,151	1,231	403	446	15	17	2,590	2,713
Maine.....	378	356	339	315	295	271	--	--	1,012	942
Massachusetts.....	1,533	1,513	2,078	2,081	701	760	28	32	4,341	4,386
New Hampshire.....	347	351	349	361	165	180	--	--	862	892
Rhode Island.....	251	226	326	294	98	100	--	--	675	620
Vermont.....	167	175	159	162	133	132	--	--	460	469
Middle Atlantic.....	9,738	9,769	12,739	12,625	5,792	6,694	341	384	28,610	29,472
New Jersey.....	2,030	2,077	3,115	3,148	724	923	28	24	5,897	6,172
New York.....	3,581	3,713	5,942	5,789	1,232	1,717	242	276	10,998	11,495
Pennsylvania.....	4,128	3,979	3,681	3,688	3,835	4,055	70	85	11,715	11,806
East North Central.....	14,198	13,764	15,800	14,962	14,586	17,394	43	45	44,628	46,164
Illinois.....	3,543	3,478	5,513	4,277	2,012	3,438	38	40	11,106	11,234
Indiana.....	2,512	2,408	1,856	1,885	3,591	4,071	1	2	7,961	8,366
Michigan.....	2,452	2,515	3,070	3,434	2,519	2,876	*	*	8,041	8,825
Ohio.....	3,982	3,726	3,559	3,566	4,550	4,941	3	3	12,094	12,236
Wisconsin.....	1,710	1,636	1,801	1,800	1,914	2,068	--	--	5,425	5,504
West North Central.....	7,389	7,105	7,615	7,633	7,030	7,359	4	3	22,037	22,100
Iowa.....	981	926	866	934	1,624	1,662	NM	--	3,471	3,523
Kansas.....	881	924	1,127	1,171	827	929	--	--	2,834	3,024
Minnesota.....	1,666	1,620	1,793	1,738	1,879	1,936	2	2	5,340	5,296
Missouri.....	2,466	2,311	2,349	2,359	1,482	1,557	2	2	6,298	6,229
Nebraska.....	681	663	768	748	744	779	--	--	2,193	2,190
North Dakota.....	371	344	371	352	293	311	--	--	1,034	1,008
South Dakota.....	344	316	341	330	180	183	--	--	866	830
South Atlantic.....	23,841	24,067	23,470	24,239	12,157	12,849	101	108	59,568	61,263
Delaware.....	281	293	315	331	240	286	--	--	836	911
District of Columbia.....	125	124	713	735	22	24	25	27	885	909
Florida.....	7,769	8,582	7,325	7,706	1,542	1,583	7	7	16,643	17,878
Georgia.....	3,629	3,549	3,542	3,584	2,470	2,662	14	14	9,654	9,809
Maryland.....	2,023	1,869	2,117	2,390	640	513	43	44	4,822	4,816
North Carolina.....	3,722	3,680	3,664	3,616	2,219	2,434	1	*	9,605	9,731
South Carolina.....	2,008	1,949	1,555	1,624	2,238	2,492	--	--	5,800	6,065
Virginia.....	3,285	3,128	3,604	3,613	1,482	1,582	12	15	8,383	8,338
West Virginia.....	999	893	635	640	1,305	1,273	*	*	2,940	2,807
East South Central.....	7,985	7,705	6,342	6,523	10,640	11,354	*	*	24,966	25,582
Alabama.....	2,067	1,962	1,646	1,698	2,563	2,947	--	--	6,276	6,607
Kentucky.....	1,993	1,828	1,470	1,530	4,016	4,081	--	--	7,479	7,438
Mississippi.....	1,156	1,191	1,013	1,045	1,284	1,387	--	--	3,452	3,624
Tennessee.....	2,769	2,723	2,213	2,251	2,777	2,938	*	*	7,759	7,913
West South Central.....	12,566	12,261	12,954	12,740	13,196	13,984	6	6	38,721	38,991
Arkansas.....	1,072	1,087	889	913	1,291	1,484	--	--	3,252	3,484
Louisiana.....	2,101	1,869	2,124	1,814	3,020	2,298	*	*	7,246	5,981
Oklahoma.....	1,307	1,341	1,393	1,492	1,143	1,218	--	--	3,843	4,051
Texas.....	8,086	7,964	8,547	8,521	7,741	8,984	5	6	24,380	25,475
Mountain.....	6,111	6,302	7,463	7,454	6,226	6,370	7	7	19,807	20,133
Arizona.....	1,913	1,999	2,329	2,356	1,005	1,017	--	--	5,246	5,372
Colorado.....	1,286	1,322	1,683	1,672	1,084	1,091	4	4	4,057	4,089
Idaho.....	702	726	494	492	535	566	--	--	1,731	1,784
Montana.....	364	353	369	373	444	509	--	--	1,177	1,235
Nevada.....	575	598	696	714	1,119	1,144	1	1	2,391	2,456
New Mexico.....	449	444	690	713	544	567	--	--	1,682	1,724
Utah.....	622	658	833	808	698	722	3	3	2,155	2,190
Wyoming.....	202	203	369	326	797	755	--	--	1,369	1,283
Pacific Contiguous.....	10,191	10,850	12,929	13,458	6,768	6,788	71	70	29,959	31,166
California.....	5,975	6,330	9,311	9,773	3,981	4,054	70	69	19,336	20,225
Oregon.....	1,499	1,633	1,283	1,292	967	1,016	2	1	3,750	3,943
Washington.....	2,718	2,886	2,335	2,393	1,819	1,718	*	*	6,872	6,998
Pacific Noncontiguous.....	435	444	532	526	420	437	--	--	1,387	1,408
Alaska.....	192	185	244	238	112	118	--	--	547	541
Hawaii.....	243	259	288	288	308	319	--	--	840	866
U.S. Total.....	96,153	95,905	104,245	104,603	78,610	85,118	616	673	279,623	286,299

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

Table 5.4.B. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through November 2008 and 2007
(Million Kilowatthours)

Census Division and State	Residential		Commercial ¹		Industrial ¹		Transportation ¹		All Sectors	
	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007
New England	42,584	43,123	52,116	52,061	20,920	21,217	501	544	116,120	116,945
Connecticut.....	11,728	12,035	14,258	13,899	4,627	4,997	175	180	30,788	31,111
Maine.....	4,188	3,987	3,912	3,826	3,576	3,000	--	--	11,676	10,812
Massachusetts.....	17,942	18,231	24,560	24,889	8,338	8,646	326	363	51,166	52,130
New Hampshire.....	4,008	4,062	4,166	4,177	1,922	2,005	--	--	10,097	10,244
Rhode Island.....	2,785	2,844	3,367	3,390	1,002	1,077	--	--	7,154	7,310
Vermont.....	1,931	1,964	1,853	1,881	1,455	1,492	--	--	5,238	5,337
Middle Atlantic	120,707	122,603	152,574	149,419	67,052	73,247	3,724	4,213	344,057	349,483
New Jersey.....	26,640	27,249	37,039	37,587	8,613	10,126	267	270	72,560	75,232
New York.....	45,427	45,965	72,169	68,263	14,012	18,559	2,659	3,128	134,266	135,915
Pennsylvania.....	48,640	49,389	43,366	43,570	44,427	44,562	798	816	137,231	138,336
East North Central	170,684	176,796	183,547	173,377	184,740	196,854	548	557	539,519	547,584
Illinois.....	41,854	43,613	60,197	47,847	33,714	41,955	483	492	136,248	133,907
Indiana.....	30,202	31,482	22,414	22,801	44,456	45,872	17	17	97,089	100,171
Michigan.....	31,008	32,143	36,097	36,855	29,679	31,293	5	5	96,788	100,295
Ohio.....	47,783	49,272	43,392	44,307	54,001	54,355	43	43	145,218	147,977
Wisconsin.....	19,837	20,287	21,447	21,567	22,891	23,380	--	--	64,175	65,234
West North Central	92,667	95,005	89,622	90,972	79,411	79,238	NM	37	261,741	265,252
Iowa.....	12,514	12,819	10,594	11,106	17,555	17,585	NM	--	40,663	41,510
Kansas.....	12,284	12,662	13,756	14,238	9,823	9,995	--	--	35,864	36,895
Minnesota.....	19,935	20,609	20,386	20,778	21,414	21,053	20	19	61,755	62,459
Missouri.....	31,557	32,699	28,414	28,610	16,489	16,945	21	18	76,482	78,271
Nebraska.....	8,750	8,777	8,583	8,606	8,735	8,376	--	--	26,068	25,758
North Dakota.....	3,728	3,599	4,025	3,819	3,307	3,304	--	--	11,061	10,721
South Dakota.....	3,899	3,841	3,863	3,817	2,087	1,980	--	--	9,849	9,638
South Atlantic	314,209	323,448	281,381	284,590	141,266	143,525	1,199	1,217	738,055	752,780
Delaware.....	4,004	4,102	3,959	3,985	2,753	2,845	--	--	10,717	10,932
District of Columbia.....	1,734	1,780	8,391	8,731	237	271	288	301	10,650	11,083
Florida.....	106,258	109,424	86,076	86,484	17,612	17,647	79	88	210,024	213,643
Georgia.....	50,463	51,978	43,159	43,443	30,867	31,342	166	165	124,655	126,928
Maryland.....	24,593	25,647	26,966	28,147	5,692	5,471	483	483	57,734	59,748
North Carolina.....	50,006	51,496	43,038	43,266	25,825	26,783	4	*	118,873	121,545
South Carolina.....	26,852	27,225	19,758	20,154	27,572	28,237	--	--	74,182	75,616
Virginia.....	39,918	41,266	42,965	43,234	17,084	17,476	175	177	100,142	102,153
West Virginia.....	10,380	10,529	7,068	7,146	13,625	13,454	4	4	31,078	31,132
East South Central	108,838	112,631	77,972	79,850	120,776	119,190	2	1	307,588	311,672
Alabama.....	29,421	30,305	20,603	21,201	32,482	33,174	--	--	82,506	84,679
Kentucky.....	24,492	25,549	17,973	18,497	42,341	40,245	--	--	84,806	84,291
Mississippi.....	16,921	17,230	12,393	12,416	15,272	14,813	--	--	44,586	44,459
Tennessee.....	38,004	39,547	27,004	27,736	30,680	30,959	2	1	95,690	98,242
West South Central	187,942	178,499	161,792	151,528	158,286	155,551	68	64	508,088	485,641
Arkansas.....	15,822	16,060	10,923	10,921	15,885	16,415	--	--	42,630	43,397
Louisiana.....	31,063	26,879	25,831	21,178	33,120	25,581	5	3	90,018	73,640
Oklahoma.....	19,877	19,589	17,128	17,194	13,658	13,990	--	--	50,663	50,773
Texas.....	121,180	115,971	107,910	102,234	95,623	99,565	63	61	324,776	317,832
Mountain	85,914	87,225	87,042	87,039	72,678	72,795	82	79	245,717	247,138
Arizona.....	30,952	32,085	28,064	28,165	11,590	11,280	--	--	70,607	71,529
Colorado.....	15,873	16,034	18,750	18,907	12,118	12,031	44	40	46,786	47,012
Idaho.....	7,566	7,411	5,572	5,475	8,718	8,815	--	--	21,856	21,701
Montana.....	4,167	4,058	4,393	4,398	4,380	5,658	--	--	12,939	14,114
Nevada.....	11,245	11,497	8,626	8,620	12,706	12,732	8	8	32,585	32,857
New Mexico.....	5,823	5,844	8,136	8,228	6,211	6,389	--	--	20,170	20,461
Utah.....	7,878	7,982	9,493	9,423	8,275	7,914	30	31	25,676	25,350
Wyoming.....	2,410	2,314	4,009	3,822	8,680	7,978	--	--	15,098	14,114
Pacific Contiguous	133,523	130,674	157,007	155,759	77,235	77,682	814	797	368,579	364,912
California.....	83,377	81,811	115,014	114,054	45,939	46,566	795	779	245,125	243,210
Oregon.....	17,696	17,285	14,964	14,796	11,797	12,077	17	17	44,474	44,175
Washington.....	32,450	31,577	27,030	26,908	19,499	19,040	NM	1	78,980	77,526
Pacific Noncontiguous	4,743	4,830	5,812	5,812	4,738	4,809	--	--	15,293	15,450
Alaska.....	1,911	1,900	2,586	2,577	1,240	1,263	--	--	5,738	5,740
Hawaii.....	2,832	2,929	3,225	3,235	3,498	3,546	--	--	9,555	9,710
U.S. Total	1,261,810	1,274,833	1,248,865	1,230,407	927,102	944,107	6,978	7,509	3,444,755	3,456,856

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

Table 5.5.A. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, November 2008 and 2007
(Million Dollars)

Census Division and State	Residential		Commercial ¹		Industrial ¹		Transportation ¹		All Sectors	
	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England.....	665	597	680	634	243	242	4	5	1,592	1,478
Connecticut.....	202	191	188	181	58	59	2	2	450	434
Maine.....	61	60	44	42	35	39	--	--	140	141
Massachusetts.....	272	235	321	304	101	99	2	3	697	641
New Hampshire.....	56	52	51	48	22	22	--	--	129	122
Rhode Island.....	49	33	55	38	15	12	--	--	119	84
Vermont.....	25	25	20	20	12	12	--	--	57	57
Middle Atlantic.....	1,391	1,350	1,660	1,626	477	509	39	34	3,567	3,519
New Jersey.....	316	281	419	388	90	95	4	3	828	767
New York.....	606	629	894	896	118	141	30	25	1,648	1,691
Pennsylvania.....	470	441	347	341	269	273	5	6	1,090	1,061
East North Central.....	1,539	1,369	1,414	1,275	962	1,018	4	3	3,919	3,665
Illinois.....	430	368	471	362	157	229	3	3	1,061	961
Indiana.....	238	213	153	141	211	202	*	*	602	556
Michigan.....	265	252	284	302	171	179	*	*	721	733
Ohio.....	406	358	336	313	295	283	*	*	1,037	954
Wisconsin.....	200	179	170	158	129	125	--	--	498	461
West North Central.....	633	574	521	488	361	349	*	*	1,515	1,411
Iowa.....	92	86	59	62	74	74	NM	--	225	221
Kansas.....	76	71	81	77	46	46	--	--	203	193
Minnesota.....	165	147	140	124	109	103	*	*	415	374
Missouri.....	192	170	144	135	71	67	*	*	407	373
Nebraska.....	52	48	49	45	35	34	--	--	135	127
North Dakota.....	28	25	25	24	16	16	--	--	69	66
South Dakota.....	28	26	23	22	9	9	--	--	61	57
South Atlantic.....	2,587	2,437	2,228	2,110	793	732	12	10	5,620	5,289
Delaware.....	41	40	38	38	23	27	*	--	101	104
District of Columbia.....	16	13	94	88	2	2	4	3	117	107
Florida.....	931	973	771	760	137	126	1	1	1,839	1,860
Georgia.....	349	306	322	281	164	139	1	1	835	727
Maryland.....	280	237	259	270	60	50	5	5	604	562
North Carolina.....	364	353	275	270	124	133	*	*	763	756
South Carolina.....	204	182	136	127	130	120	--	--	471	429
Virginia.....	329	270	292	236	97	83	1	1	719	591
West Virginia.....	73	63	41	39	58	53	*	*	171	155
East South Central.....	791	667	612	539	681	565	*	*	2,084	1,771
Alabama.....	225	185	174	147	182	154	--	--	581	486
Kentucky.....	164	142	110	106	206	177	--	--	481	425
Mississippi.....	123	113	104	95	96	80	--	--	323	288
Tennessee.....	279	228	224	191	196	154	*	*	700	572
West South Central.....	1,515	1,341	1,279	1,165	1,035	974	1	1	3,829	3,480
Arkansas.....	103	98	68	64	78	79	--	--	249	241
Louisiana.....	223	166	224	160	250	141	*	*	696	467
Oklahoma.....	119	119	102	106	68	67	--	--	289	291
Texas.....	1,070	958	885	835	640	688	*	*	2,595	2,481
Mountain.....	576	565	602	574	338	344	1	1	1,517	1,484
Arizona.....	182	182	196	191	59	59	--	--	437	431
Colorado.....	128	124	139	129	69	65	*	*	336	318
Idaho.....	51	47	30	26	22	20	--	--	103	94
Montana.....	33	30	30	30	25	26	--	--	88	86
Nevada.....	73	75	71	73	70	82	*	*	215	230
New Mexico.....	44	41	57	56	29	33	--	--	130	130
Utah.....	49	51	53	49	29	28	*	*	132	128
Wyoming.....	17	16	25	21	35	30	--	--	76	66
Pacific Contiguous.....	1,218	1,267	1,448	1,428	562	534	6	6	3,235	3,235
California.....	882	910	1,189	1,173	417	397	6	6	2,495	2,485
Oregon.....	126	140	94	93	54	56	*	*	274	289
Washington.....	210	217	165	162	91	81	*	*	466	461
Pacific Noncontiguous.....	113	97	120	99	97	81	--	--	330	277
Alaska.....	31	28	33	29	14	15	--	--	78	72
Hawaii.....	81	69	88	70	82	66	--	--	252	205
U.S. Total.....	11,029	10,264	10,564	9,938	5,549	5,348	65	59	27,207	25,609

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

Table 5.5.B. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through November 2008 and 2007
(Million Dollars)

Census Division and State	Residential		Commercial ¹		Industrial ¹		Transportation ¹		All Sectors	
	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007
New England.....	7,457	7,228	8,073	7,675	2,793	2,702	58	60	18,380	17,666
Connecticut.....	2,267	2,311	2,280	2,146	640	645	23	26	5,211	5,128
Maine.....	670	658	508	493	425	417	--	--	1,603	1,568
Massachusetts.....	3,124	2,978	3,941	3,794	1,202	1,132	35	34	8,301	7,938
New Hampshire.....	627	605	593	582	252	246	--	--	1,472	1,432
Rhode Island.....	486	398	519	429	142	130	--	--	1,148	957
Vermont.....	282	278	232	232	131	133	--	--	645	643
Middle Atlantic.....	18,202	17,173	21,680	19,782	5,637	5,697	471	438	45,990	43,091
New Jersey.....	4,256	3,866	5,472	4,884	1,080	1,026	45	30	10,853	9,806
New York.....	8,371	7,878	12,129	10,876	1,432	1,605	366	346	22,297	20,705
Pennsylvania.....	5,575	5,429	4,079	4,023	3,125	3,066	60	62	12,840	12,580
East North Central.....	17,728	17,290	16,370	14,722	11,720	11,650	43	38	45,862	43,700
Illinois.....	4,576	4,434	5,272	4,089	2,376	2,780	36	32	12,261	11,335
Indiana.....	2,663	2,613	1,730	1,658	2,454	2,252	2	2	6,849	6,525
Michigan.....	3,373	3,289	3,395	3,238	2,038	2,037	1	*	8,807	8,564
Ohio.....	4,842	4,746	3,996	3,852	3,356	3,135	5	4	12,199	11,738
Wisconsin.....	2,273	2,209	1,976	1,884	1,496	1,445	--	--	5,746	5,538
West North Central.....	8,060	7,950	6,374	6,215	4,262	4,041	3	3	18,699	18,209
Iowa.....	1,205	1,218	763	794	855	839	NM	--	2,823	2,852
Kansas.....	1,122	1,048	1,054	980	572	514	--	--	2,748	2,541
Minnesota.....	1,921	1,892	1,594	1,554	1,280	1,198	2	2	4,797	4,646
Missouri.....	2,522	2,540	1,865	1,830	818	814	1	1	5,206	5,185
Nebraska.....	687	676	564	553	444	402	--	--	1,694	1,631
North Dakota.....	281	264	272	251	183	173	--	--	735	689
South Dakota.....	322	311	263	253	111	101	--	--	695	665
South Atlantic.....	33,684	32,495	26,249	24,650	8,884	8,143	139	114	68,956	65,402
Delaware.....	558	541	476	447	280	252	*	--	1,315	1,240
District of Columbia.....	220	199	1,150	1,049	27	25	44	34	1,441	1,307
Florida.....	12,355	12,284	8,694	8,433	1,465	1,369	8	9	22,522	22,094
Georgia.....	5,098	4,755	3,959	3,510	2,064	1,740	12	11	11,133	10,016
Maryland.....	3,365	3,025	3,437	3,262	588	513	60	49	7,450	6,849
North Carolina.....	4,844	4,849	3,284	3,215	1,443	1,463	*	*	9,571	9,526
South Carolina.....	2,685	2,504	1,680	1,563	1,486	1,365	--	--	5,851	5,432
Virginia.....	3,829	3,630	3,140	2,754	960	884	14	12	7,943	7,280
West Virginia.....	731	709	429	418	571	531	*	*	1,731	1,657
East South Central.....	9,969	9,409	6,927	6,433	6,955	6,015	*	*	23,851	21,858
Alabama.....	3,026	2,833	2,013	1,845	1,984	1,753	--	--	7,023	6,431
Kentucky.....	1,899	1,870	1,285	1,247	2,061	1,804	--	--	5,246	4,921
Mississippi.....	1,753	1,614	1,237	1,106	1,000	852	--	--	3,991	3,572
Tennessee.....	3,291	3,092	2,392	2,236	1,909	1,606	*	*	7,592	6,934
West South Central.....	22,361	19,991	16,519	14,058	12,994	11,117	6	6	51,880	45,172
Arkansas.....	1,502	1,407	844	756	950	862	--	--	3,296	3,025
Louisiana.....	3,279	2,523	2,662	1,931	2,693	1,732	1	*	8,634	6,187
Oklahoma.....	1,873	1,694	1,394	1,266	828	756	--	--	4,095	3,716
Texas.....	15,707	14,367	11,620	10,105	8,523	7,767	5	5	35,855	32,244
Mountain.....	8,485	8,156	7,291	6,778	4,433	4,147	7	6	20,215	19,088
Arizona.....	3,188	3,118	2,500	2,337	768	685	--	--	6,456	6,141
Colorado.....	1,611	1,488	1,615	1,444	800	719	4	3	4,029	3,654
Idaho.....	529	472	318	282	395	343	--	--	1,242	1,097
Montana.....	381	357	371	357	277	290	--	--	1,029	1,004
Nevada.....	1,340	1,354	876	869	1,024	1,060	1	1	3,240	3,284
New Mexico.....	582	533	702	629	394	357	--	--	1,678	1,519
Utah.....	657	654	642	620	385	364	2	2	1,686	1,641
Wyoming.....	197	180	267	239	391	328	--	--	855	747
Pacific Contiguous.....	15,972	15,489	18,024	17,598	6,259	6,160	66	67	40,321	39,314
California.....	12,002	11,797	15,059	14,771	4,731	4,680	65	65	31,857	31,314
Oregon.....	1,509	1,410	1,137	1,067	588	610	1	1	3,236	3,088
Washington.....	2,461	2,282	1,828	1,760	939	870	*	*	5,228	4,912
Pacific Noncontiguous.....	1,241	983	1,308	1,011	1,097	795	--	--	3,647	2,789
Alaska.....	312	288	340	313	175	155	--	--	828	756
Hawaii.....	928	695	968	698	922	639	--	--	2,819	2,033
U.S. Total.....	143,158	136,164	128,815	118,923	65,035	60,467	793	732	337,801	316,287

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

Table 5.6.A. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, November 2008 and 2007
(Cents per Kilowatthour)

Census Division and State	Residential		Commercial ¹		Industrial ¹		Transportation ¹		All Sectors	
	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007	Nov 2008	Nov 2007
New England.....	17.99	16.40	15.44	14.26	13.53	12.83	8.89	9.83	16.02	14.75
Connecticut.....	19.81	18.78	16.35	14.73	14.30	13.26	11.38	12.82	17.37	15.99
Maine.....	16.10	16.86	12.92	13.30	11.88	14.31	--	--	13.81	14.94
Massachusetts.....	17.74	15.57	15.46	14.61	14.46	13.03	7.58	8.21	16.05	14.62
New Hampshire.....	16.25	14.81	14.63	13.31	13.09	12.05	--	--	14.99	13.64
Rhode Island.....	19.49	14.65	16.95	13.08	15.42	11.96	--	--	17.67	13.47
Vermont.....	14.79	14.37	12.66	12.40	9.05	8.92	--	--	12.39	12.15
Middle Atlantic.....	14.29	13.82	13.03	12.88	8.23	7.60	11.32	8.73	12.47	11.94
New Jersey.....	15.55	13.51	13.44	12.34	12.38	10.33	13.98	11.46	14.04	12.43
New York.....	16.92	16.94	15.05	15.48	9.60	8.21	12.25	9.12	14.99	14.71
Pennsylvania.....	11.38	11.08	9.43	9.26	7.01	6.72	7.07	6.70	9.31	8.98
East North Central.....	10.84	9.95	8.95	8.52	6.60	5.85	9.00	6.74	8.78	7.94
Illinois.....	12.15	10.58	8.54	8.46	7.78	6.65	8.72	6.25	9.55	8.56
Indiana.....	9.47	8.83	8.24	7.50	5.88	4.97	10.54	10.35	7.56	6.65
Michigan.....	10.81	10.00	9.26	8.79	6.81	6.23	10.34	11.75	8.96	8.30
Ohio.....	10.21	9.60	9.43	8.77	6.47	5.73	11.33	10.88	8.57	7.79
Wisconsin.....	11.69	10.95	9.43	8.75	6.72	6.03	--	--	9.19	8.38
West North Central.....	8.56	8.07	6.84	6.40	5.14	4.74	6.23	6.83	6.87	6.39
Iowa.....	9.34	9.25	6.77	6.65	4.58	4.42	NM	--	6.47	6.28
Kansas.....	8.67	7.67	7.15	6.54	5.62	4.96	--	--	7.18	6.40
Minnesota.....	9.92	9.09	7.83	7.11	5.81	5.31	7.83	8.64	7.77	7.06
Missouri.....	7.77	7.37	6.15	5.72	4.79	4.33	4.61	4.99	6.46	5.99
Nebraska.....	7.57	7.27	6.32	6.02	4.69	4.33	--	--	6.15	5.79
North Dakota.....	7.50	7.38	6.86	6.76	5.37	5.24	--	--	6.67	6.50
South Dakota.....	8.21	8.20	6.75	6.71	5.24	5.00	--	--	7.02	6.90
South Atlantic.....	10.85	10.12	9.49	8.71	6.52	5.70	11.82	9.71	9.44	8.63
Delaware.....	14.57	13.68	11.97	11.34	9.40	9.33	--	--	12.11	11.46
District of Columbia.....	13.00	10.60	13.14	12.03	9.91	9.02	17.62	11.51	13.17	11.74
Florida.....	11.98	11.34	10.53	9.86	8.85	7.97	10.66	9.79	11.05	10.40
Georgia.....	9.61	8.62	9.08	7.84	6.63	5.22	6.73	5.60	8.65	7.41
Maryland.....	13.84	12.67	12.25	11.31	9.35	9.69	11.22	10.80	12.52	11.66
North Carolina.....	9.78	9.58	7.50	7.48	5.58	5.46	6.88	2.03	7.94	7.77
South Carolina.....	10.18	9.32	8.76	7.84	5.82	4.80	--	--	8.11	7.07
Virginia.....	10.02	8.64	8.11	6.54	6.54	5.26	8.82	7.24	8.58	7.08
West Virginia.....	7.26	7.06	6.47	6.13	4.41	4.13	5.28	5.55	5.82	5.52
East South Central.....	9.91	8.66	9.65	8.26	6.40	4.98	12.86	9.18	8.35	6.92
Alabama.....	10.89	9.41	10.55	8.68	7.12	5.22	--	--	9.26	7.35
Kentucky.....	8.24	7.76	7.49	6.93	5.14	4.34	--	--	6.43	5.71
Mississippi.....	10.60	9.49	10.23	9.05	7.51	5.80	--	--	9.34	7.95
Tennessee.....	10.09	8.37	10.14	8.49	7.06	5.23	12.86	9.18	9.02	7.23
West South Central.....	12.06	10.94	9.87	9.14	7.84	6.96	9.13	8.57	9.89	8.93
Arkansas.....	9.61	9.04	7.68	7.00	6.03	5.30	--	--	7.66	6.91
Louisiana.....	10.61	8.88	10.52	8.82	8.26	6.13	14.88	14.55	9.61	7.81
Oklahoma.....	9.11	8.84	7.31	7.13	5.93	5.47	--	--	7.51	7.20
Texas.....	13.23	12.03	10.36	9.79	8.26	7.66	8.71	8.31	10.65	9.74
Mountain.....	9.43	8.97	8.07	7.70	5.42	5.40	7.93	7.61	7.66	7.37
Arizona.....	9.53	9.08	8.42	8.10	5.89	5.80	--	--	8.34	8.03
Colorado.....	9.94	9.35	8.27	7.74	6.34	5.93	7.83	7.28	8.28	7.78
Idaho.....	7.25	6.54	6.08	5.28	4.13	3.57	--	--	5.95	5.25
Montana.....	8.95	8.42	8.19	8.00	5.65	5.18	--	--	7.47	6.96
Nevada.....	12.71	12.60	10.27	10.20	6.29	7.18	8.59	9.42	8.99	9.38
New Mexico.....	9.71	9.25	8.33	7.84	5.31	5.86	--	--	7.72	7.55
Utah.....	7.96	7.70	6.40	6.02	4.12	3.91	7.92	7.66	6.11	5.83
Wyoming.....	8.37	7.80	6.67	6.31	4.35	3.99	--	--	5.57	5.18
Pacific Contiguous.....	11.96	11.68	11.20	10.61	8.31	7.87	8.09	8.20	10.80	10.38
California.....	14.76	14.37	12.78	12.00	10.49	9.78	8.13	8.24	12.90	12.29
Oregon.....	8.41	8.57	7.32	7.18	5.61	5.53	6.66	6.78	7.31	7.33
Washington.....	7.74	7.52	7.06	6.78	4.99	4.74	6.09	6.21	6.78	6.59
Pacific Noncontiguous.....	25.88	21.78	22.63	18.87	23.01	18.47	--	--	23.77	19.67
Alaska.....	16.34	15.05	13.35	12.15	12.75	12.72	--	--	14.28	13.27
Hawaii.....	33.41	26.59	30.47	24.42	26.72	20.61	--	--	29.95	23.67
U.S. Total.....	11.47	10.70	10.13	9.50	7.06	6.28	10.61	8.76	9.73	8.94

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

Table 5.6.B. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through November 2008 and 2007
(Cents per Kilowatt-hour)

Census Division and State	Residential		Commercial ¹		Industrial ¹		Transportation ¹		All Sectors	
	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007
New England.....	17.51	16.76	15.49	14.74	13.35	12.74	11.57	11.02	15.83	15.11
Connecticut.....	19.33	19.20	15.99	15.44	13.84	12.91	13.21	14.34	16.92	16.48
Maine.....	16.00	16.50	12.99	12.89	11.88	13.91	--	--	13.73	14.50
Massachusetts.....	17.41	16.34	16.05	15.24	14.42	13.09	10.69	9.37	16.23	15.23
New Hampshire.....	15.64	14.89	14.24	13.93	13.12	12.26	--	--	14.58	13.98
Rhode Island.....	17.46	13.99	15.42	12.65	14.21	12.07	--	--	16.05	13.09
Vermont.....	14.61	14.17	12.52	12.31	9.01	8.89	--	--	12.32	12.04
Middle Atlantic.....	15.08	14.01	14.21	13.24	8.41	7.78	12.64	10.40	13.37	12.33
New Jersey.....	15.97	14.19	14.78	12.99	12.54	10.14	16.70	11.09	14.96	13.03
New York.....	18.43	17.14	16.81	15.93	10.22	8.65	13.75	11.07	16.61	15.23
Pennsylvania.....	11.46	10.99	9.41	9.23	7.03	6.88	7.56	7.63	9.36	9.09
East North Central.....	10.39	9.78	8.92	8.49	6.34	5.92	7.89	6.89	8.50	7.98
Illinois.....	10.93	10.17	8.76	8.55	NM	6.63	7.54	6.48	9.00	8.46
Indiana.....	8.82	8.30	7.72	7.27	5.52	4.91	9.69	10.10	7.06	6.51
Michigan.....	10.88	10.23	9.41	8.79	6.87	6.51	11.95	9.66	9.10	8.54
Ohio.....	10.13	9.63	9.21	8.69	6.22	5.77	10.73	10.00	8.40	7.93
Wisconsin.....	11.46	10.89	9.21	8.74	6.54	6.18	--	--	8.95	8.49
West North Central.....	8.70	8.37	7.11	6.83	5.37	5.10	6.76	7.32	7.14	6.86
Iowa.....	9.63	9.51	7.20	7.15	4.87	4.77	NM	--	6.94	6.87
Kansas.....	9.13	8.27	7.66	6.88	NM	5.14	--	--	7.66	6.89
Minnesota.....	9.64	9.18	7.82	7.48	5.98	5.69	8.06	8.23	7.77	7.44
Missouri.....	7.99	7.77	6.56	6.40	4.96	4.80	5.51	6.33	6.81	6.62
Nebraska.....	7.85	7.70	6.57	6.42	5.08	4.80	--	--	6.50	6.33
North Dakota.....	7.54	7.35	6.75	6.58	5.53	5.25	--	--	6.65	6.43
South Dakota.....	8.25	8.11	6.81	6.63	5.30	5.09	--	--	7.06	6.90
South Atlantic.....	10.72	10.05	9.33	8.66	6.29	5.67	11.57	9.37	9.34	8.69
Delaware.....	13.93	13.18	12.03	11.21	10.18	8.87	--	--	12.27	11.34
District of Columbia.....	12.67	11.16	13.71	12.02	11.40	9.42	15.38	11.28	13.53	11.80
Florida.....	11.63	11.23	10.10	9.75	8.32	7.76	10.12	9.75	10.72	10.34
Georgia.....	10.10	9.15	9.17	8.08	6.69	5.55	7.21	6.46	8.93	7.89
Maryland.....	13.68	11.80	12.74	11.59	10.34	9.38	12.48	10.10	12.90	11.46
North Carolina.....	9.69	9.42	7.63	7.43	5.59	5.46	6.57	--	8.05	7.84
South Carolina.....	10.00	9.20	8.51	7.75	NM	4.83	--	--	7.89	7.18
Virginia.....	9.59	8.80	7.31	6.37	5.62	5.06	7.72	6.70	7.93	7.13
West Virginia.....	7.04	6.73	6.06	5.84	4.19	3.94	6.16	6.31	5.57	5.32
East South Central.....	9.16	8.35	8.88	8.06	5.76	5.05	10.06	10.25	7.75	7.01
Alabama.....	10.29	9.35	9.77	8.70	6.11	5.29	--	--	8.51	7.59
Kentucky.....	7.76	7.32	7.15	6.74	4.87	4.48	--	--	6.19	5.84
Mississippi.....	10.36	9.37	9.98	8.91	6.55	5.75	--	--	8.95	8.03
Tennessee.....	8.66	7.82	8.86	8.06	6.22	5.19	10.06	10.25	7.93	7.06
West South Central.....	11.90	11.20	10.21	9.28	8.21	7.15	8.81	8.64	10.21	9.30
Arkansas.....	9.50	8.76	7.73	6.92	5.98	5.25	--	--	7.73	6.97
Louisiana.....	10.56	9.39	10.30	9.12	8.13	6.77	12.54	14.14	9.59	8.40
Oklahoma.....	9.42	8.65	8.14	7.36	6.06	5.40	--	--	8.08	7.32
Texas.....	12.96	12.39	10.77	9.88	8.91	7.80	8.52	8.39	11.04	10.15
Mountain.....	9.88	9.35	8.38	7.79	6.10	5.70	8.30	7.56	8.23	7.72
Arizona.....	10.30	9.72	8.91	8.30	6.62	6.08	--	--	9.14	8.59
Colorado.....	10.15	9.28	8.61	7.64	6.60	5.98	8.35	7.16	8.61	7.77
Idaho.....	6.99	6.37	5.71	5.14	4.53	3.89	--	--	5.68	5.05
Montana.....	9.15	8.79	8.46	8.12	6.32	5.13	--	--	7.96	7.12
Nevada.....	11.92	11.78	10.15	10.08	8.06	8.33	9.53	10.02	9.94	10.00
New Mexico.....	10.00	9.12	8.63	7.65	6.35	5.58	--	--	8.32	7.42
Utah.....	8.34	8.19	6.76	6.58	4.65	4.60	7.90	7.45	6.57	6.47
Wyoming.....	8.18	7.79	6.67	6.26	4.50	4.11	--	--	5.66	5.29
Pacific Contiguous.....	11.96	11.85	11.48	11.30	8.10	7.93	8.14	8.34	10.94	10.77
California.....	14.39	14.42	13.09	12.95	10.30	10.05	8.18	8.38	13.00	12.88
Oregon.....	8.53	8.15	7.60	7.21	4.98	5.05	6.75	6.70	7.28	6.99
Washington.....	7.58	7.23	6.76	6.54	4.82	4.57	NM	5.73	6.62	6.34
Pacific Noncontiguous.....	26.16	20.35	22.52	17.40	23.16	16.53	--	--	23.85	18.05
Alaska.....	16.35	15.14	13.16	12.16	14.13	12.29	--	--	14.43	13.17
Hawaii.....	32.79	23.74	30.02	21.58	26.36	18.03	--	--	29.50	20.94
U.S. Total.....	11.35	10.68	10.32	9.67	7.02	6.40	11.36	9.74	9.81	9.15

¹ See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

Appendices

- A. Relative Standard Error
- B. Major Disturbances and Unusual Occurrences
- C. Technical Notes

Appendix A

Relative Standard Error

Table A1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	24	25	--	4	--	0	13	6	0	8	5
Connecticut.....	0	286	--	18	--	0	75	16	0	10	13
Maine.....	0	40	--	7	--	--	17	4	--	25	10
Massachusetts.....	41	28	--	7	--	0	35	14	0	10	10
New Hampshire.....	0	170	--	4	--	0	20	24	--	60	5
Rhode Island.....	--	402	--	7	--	--	694	47	--	--	12
Vermont.....	--	157	--	0	--	0	43	32	--	--	33
Middle Atlantic.....	8	14	142	7	47	0	4	7	0	7	5
New Jersey.....	30	62	--	11	258	0	276	14	0	15	12
New York.....	30	73	28	10	--	0	4	11	0	11	9
Pennsylvania.....	8	40	307	15	23	0	24	11	0	8	7
East North Central.....	2	30	9	18	39	0	21	7	0	25	6
Illinois.....	5	44	16	46	273	0	112	14	--	570	8
Indiana.....	2	12	--	35	43	--	24	33	--	36	13
Michigan.....	7	96	0	31	0	0	44	12	0	26	9
Ohio.....	3	41	24	47	142	0	39	19	--	0	5
Wisconsin.....	9	249	*	39	--	0	40	12	--	39	13
West North Central.....	4	72	0	15	209	0	13	8	0	32	5
Iowa.....	12	149	0	29	--	0	58	32	--	251	13
Kansas.....	0	349	0	50	--	0	529	1	--	--	12
Minnesota.....	17	68	0	44	--	0	71	9	--	35	15
Missouri.....	5	69	--	14	0	0	6	84	0	0	6
Nebraska.....	17	221	--	11	--	0	85	72	--	--	13
North Dakota.....	12	305	--	6,880	214	--	0	65	--	--	12
South Dakota.....	38	3,139	--	493	--	--	19	38	--	0	69
South Atlantic.....	2	11	0	3	0	0	10	22	0	10	3
Delaware.....	13	568	0	29	0	--	--	3	--	0	13
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	4	17	0	4	0	0	118	39	--	10	5
Georgia.....	1	75	0	4	--	0	15	46	0	60	6
Maryland.....	12	52	--	24	0	0	2	9	--	5	8
North Carolina.....	6	54	--	19	--	0	24	56	0	73	9
South Carolina.....	10	118	0	15	0	0	31	5	0	46	9
Virginia.....	10	8	--	13	--	0	38	28	0	14	8
West Virginia.....	4	17	0	74	0	--	35	0	--	0	4
East South Central.....	3	52	0	8	85	0	11	35	0	82	5
Alabama.....	9	107	--	14	76	0	14	52	--	73	12
Kentucky.....	4	89	0	72	0	--	24	15	--	0	4
Mississippi.....	3	639	--	5	392	0	--	48	--	199	8
Tennessee.....	3	20	--	71	0	0	18	20	0	0	3
West South Central.....	1	95	34	3	24	0	5	34	0	29	3
Arkansas.....	*	21	45	14	--	0	6	33	0	58	8
Louisiana.....	1	99	37	8	60	0	0	75	--	34	12
Oklahoma.....	4	326	--	7	973	--	12	127	0	42	8
Texas.....	0	147	150	4	21	0	52	56	--	15	3
Mountain.....	4	105	0	5	78	0	6	7	0	81	4
Arizona.....	4	90	--	4	--	0	3	18	0	--	3
Colorado.....	12	666	--	12	0	--	44	96	0	66	10
Idaho.....	151	11	--	37	--	--	14	9	--	61	42
Montana.....	25	233	0	636	0	--	8	36	--	--	29
Nevada.....	0	212	--	10	0	--	6	5	--	--	8
New Mexico.....	*	163	--	29	--	--	116	145	--	--	12
Utah.....	12	549	--	23	434	--	63	77	--	69	12
Wyoming.....	10	107	--	85	50	--	56	8	--	77	10
Pacific Contiguous.....	7	136	93	6	37	0	3	19	0	23	6
California.....	44	407	93	7	44	0	10	31	0	23	9
Oregon.....	0	1,452	--	7	0	--	3	13	--	127	6
Washington.....	0	132	--	15	0	0	2	6	0	59	6
Pacific Noncontiguous.....	21	16	--	21	492	--	31	28	--	0	12
Alaska.....	41	38	--	21	--	--	32	365	--	0	24
Hawaii.....	25	17	--	0	492	--	111	28	--	0	15

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

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table A1.B. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, Year-to-Date through November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	22	13	--	4	--	0	33	6	0	7	6
Connecticut.....	0	293	--	13	--	0	164	14	0	8	10
Maine.....	0	54	--	8	--	--	42	5	--	30	16
Massachusetts.....	41	11	--	8	--	0	88	12	0	8	12
New Hampshire.....	0	154	--	4	--	0	56	26	--	52	6
Rhode Island.....	--	366	--	5	--	--	1,438	42	--	--	11
Vermont.....	--	2,920	--	0	--	0	100	29	--	--	46
Middle Atlantic.....	8	26	158	7	47	0	9	6	0	7	5
New Jersey.....	28	85	--	14	266	0	509	12	0	11	13
New York.....	29	25	191	10	--	0	9	9	0	12	9
Pennsylvania.....	8	61	244	11	24	0	68	10	0	7	6
East North Central.....	2	24	16	18	41	0	48	7	0	27	5
Illinois.....	5	65	20	47	182	0	229	13	--	17	8
Indiana.....	3	16	--	41	47	--	70	21	--	38	10
Michigan.....	8	65	0	35	0	0	93	11	0	30	9
Ohio.....	3	31	41	87	140	0	110	19	--	0	3
Wisconsin.....	9	180	*	21	--	0	81	12	--	47	11
West North Central.....	4	41	0	17	231	0	19	7	0	27	5
Iowa.....	11	150	0	35	--	0	144	20	--	200	13
Kansas.....	0	62	0	64	--	0	1,120	*	--	--	15
Minnesota.....	17	232	0	60	--	0	138	9	--	31	18
Missouri.....	5	116	--	14	0	0	10	42	0	0	6
Nebraska.....	18	38	--	29	--	0	131	48	--	--	14
North Dakota.....	13	111	--	5,605	250	--	0	40	--	--	12
South Dakota.....	37	1,559	--	959	--	--	19	30	--	0	76
South Atlantic.....	2	6	2	4	0	0	19	18	0	12	3
Delaware.....	14	91	0	50	0	--	--	3	--	0	18
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	8	6	3	5	0	0	244	33	--	9	5
Georgia.....	1	68	0	5	--	0	30	36	0	69	6
Maryland.....	12	62	--	47	0	0	20	8	--	6	7
North Carolina.....	5	42	--	20	--	0	33	44	0	166	9
South Carolina.....	10	20	0	17	0	0	57	11	0	35	11
Virginia.....	8	13	--	11	--	0	54	24	0	18	8
West Virginia.....	4	16	0	165	0	--	97	0	--	0	4
East South Central.....	3	23	0	10	71	0	19	26	0	146	6
Alabama.....	8	86	--	18	61	0	28	39	--	131	13
Kentucky.....	4	42	0	135	0	--	48	10	--	0	4
Mississippi.....	1	14	--	5	363	0	--	32	--	177	7
Tennessee.....	3	20	--	122	0	0	29	19	0	0	4
West South Central.....	1	55	24	3	23	0	10	26	0	37	3
Arkansas.....	*	7	53	11	--	0	11	26	0	60	8
Louisiana.....	1	27	29	8	59	0	0	58	--	57	11
Oklahoma.....	3	236	--	6	539	--	19	93	0	34	7
Texas.....	0	87	33	4	19	0	69	41	--	19	3
Mountain.....	4	51	0	5	69	0	8	7	0	88	4
Arizona.....	3	44	--	3	--	0	3	67	0	--	2
Colorado.....	13	103	--	11	0	--	34	55	0	66	12
Idaho.....	162	5	--	36	--	--	12	8	--	54	53
Montana.....	24	135	0	586	0	--	19	39	--	--	28
Nevada.....	0	24	--	10	0	--	5	3	--	--	8
New Mexico.....	*	40	--	37	--	--	106	75	--	--	15
Utah.....	10	181	--	23	504	--	57	49	--	74	11
Wyoming.....	10	115	--	104	49	--	107	7	--	68	10
Pacific Contiguous.....	5	51	94	5	38	0	3	14	0	27	6
California.....	36	35	94	6	45	0	9	23	0	26	9
Oregon.....	0	1,308	--	5	0	--	3	12	--	166	5
Washington.....	0	355	--	16	0	0	2	6	0	50	7
Pacific Noncontiguous.....	129	8	--	26	573	--	25	21	--	39	14
Alaska.....	44	25	--	26	--	--	25	136	--	0	31
Hawaii.....	158	8	--	0	573	--	121	21	--	38	15

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

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

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Table A2.A. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	0	98	--	276	--	--	35	0	--	--	9
Connecticut.....	--	8	--	0	--	--	253	0	--	--	239
Maine.....	--	115	--	--	--	--	--	--	--	--	115
Massachusetts.....	--	16	--	417	--	--	73	--	--	--	152
New Hampshire.....	0	*	--	0	--	--	24	0	--	--	2
Rhode Island.....	--	685	--	--	--	--	--	--	--	--	685
Vermont.....	--	157	--	0	--	--	68	0	--	--	48
Middle Atlantic.....	860	14	--	21	--	--	2	--	0	--	17
New Jersey.....	1,046	438	--	1,196	--	--	--	--	0	--	342
New York.....	984	275	--	21	--	--	2	--	0	--	17
Pennsylvania.....	--	1,336	--	1,061	--	--	20	--	--	--	564
East North Central.....	3	25	1	68	0	0	23	12	0	12	5
Illinois.....	58	319	34	213	--	--	188	212	--	--	72
Indiana.....	3	9	--	180	--	--	24	43	--	--	5
Michigan.....	7	102	0	103	0	0	47	--	0	0	9
Ohio.....	4	26	--	303	0	--	39	100	--	--	8
Wisconsin.....	9	161	0	108	--	--	44	7	--	16	17
West North Central.....	4	77	0	16	0	0	13	17	0	40	5
Iowa.....	12	147	0	29	--	--	58	82	--	251	13
Kansas.....	0	349	0	50	--	0	--	3	--	--	11
Minnesota.....	17	61	0	96	--	0	80	33	--	46	20
Missouri.....	5	69	--	14	0	0	6	103	0	0	6
Nebraska.....	17	221	--	10	--	0	85	55	--	--	13
North Dakota.....	12	229	--	7,599	--	--	0	164	--	--	12
South Dakota.....	38	3,139	--	493	--	--	19	123	--	0	69
South Atlantic.....	1	8	0	3	--	0	12	10	0	0	1
Delaware.....	--	23	--	972	--	--	--	--	--	--	994
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	3	11	0	3	--	0	118	13	--	0	2
Georgia.....	0	38	--	5	--	0	15	--	0	--	2
Maryland.....	--	446	--	0	--	--	--	--	--	--	446
North Carolina.....	0	32	--	23	--	0	23	--	0	--	5
South Carolina.....	10	166	0	10	--	0	31	24	0	--	7
Virginia.....	1	7	--	0	--	0	38	0	0	--	1
West Virginia.....	4	17	--	0	--	--	74	0	--	0	4
East South Central.....	3	18	--	18	0	0	11	61	0	0	6
Alabama.....	8	27	--	35	--	0	14	--	--	--	14
Kentucky.....	4	48	--	7	0	--	24	60	--	0	4
Mississippi.....	2	464	--	7	--	0	--	0	--	--	4
Tennessee.....	1	5	--	0	--	0	18	118	0	--	2
West South Central.....	0	37	0	5	--	0	6	3	0	16	2
Arkansas.....	0	19	--	498	--	0	6	--	0	--	12
Louisiana.....	0	79	0	8	--	0	--	--	--	--	5
Oklahoma.....	0	221	--	5	--	--	12	0	0	--	3
Texas.....	0	87	0	9	--	--	50	440	--	16	4
Mountain.....	4	90	--	6	0	0	6	75	0	--	3
Arizona.....	0	78	--	4	--	0	3	111	0	--	2
Colorado.....	12	720	--	17	0	--	45	40	0	--	11
Idaho.....	--	88	--	661	--	--	14	--	--	--	416
Montana.....	447	2,841	--	1,962	--	--	9	--	--	--	370
Nevada.....	0	293	--	5	--	--	6	--	--	--	4
New Mexico.....	*	148	--	34	--	--	116	--	--	--	10
Utah.....	10	737	--	11	--	--	63	0	--	--	7
Wyoming.....	8	58	--	800	--	--	56	90	--	--	11
Pacific Contiguous.....	0	437	--	15	0	0	3	8	0	0	11
California.....	--	588	--	20	0	0	10	15	0	0	21
Oregon.....	0	1,645	--	13	0	--	3	53	--	--	9
Washington.....	--	590	--	36	--	0	2	7	0	--	23
Pacific Noncontiguous.....	12	16	--	21	--	--	32	169	--	0	14
Alaska.....	12	37	--	21	--	--	32	171	--	0	27
Hawaii.....	--	17	--	0	--	--	366	0	--	--	17

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Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

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Table A2.B. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, Year-to-Date through November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	0	328	--	459	--	--	86	0	--	--	19
Connecticut.....	--	70,325	--	0	--	--	571	0	--	--	533
Maine.....	--	209	--	--	--	--	--	--	--	--	209
Massachusetts.....	--	1,628	--	1,465	--	--	197	--	--	--	638
New Hampshire.....	0	172	--	0	--	--	59	0	--	--	5
Rhode Island.....	--	708	--	--	--	--	--	--	--	--	708
Vermont.....	--	2,920	--	0	--	--	159	0	--	--	95
Middle Atlantic.....	1,061	27	--	19	--	--	5	--	0	--	17
New Jersey.....	1,230	755	--	1,197	--	--	--	--	0	--	622
New York.....	1,173	23	--	19	--	--	5	--	0	--	17
Pennsylvania.....	--	1,671	--	1,180	--	--	73	--	--	--	741
East North Central.....	3	27	1	34	0	0	51	11	0	6	4
Illinois.....	66	393	37	240	--	--	444	186	--	--	80
Indiana.....	3	14	--	189	--	--	70	39	--	--	5
Michigan.....	8	98	0	118	0	0	98	--	0	0	10
Ohio.....	4	26	--	161	0	--	110	79	--	--	5
Wisconsin.....	8	190	0	34	--	--	87	6	--	10	12
West North Central.....	4	41	0	22	0	0	19	16	0	29	6
Iowa.....	11	143	0	35	--	--	144	78	--	200	13
Kansas.....	0	62	0	65	--	0	--	2	--	--	15
Minnesota.....	17	369	0	148	--	0	158	32	--	35	22
Missouri.....	5	115	--	19	0	0	10	65	0	0	6
Nebraska.....	18	38	--	28	--	0	131	51	--	--	14
North Dakota.....	13	101	--	8,489	--	--	0	129	--	--	13
South Dakota.....	37	1,559	--	959	--	--	19	93	--	0	76
South Atlantic.....	2	3	3	3	--	0	21	33	0	0	2
Delaware.....	--	33	--	1,118	--	--	--	--	--	--	1,152
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	7	3	3	4	--	0	244	12	--	0	4
Georgia.....	0	29	--	5	--	0	30	--	0	--	2
Maryland.....	--	1,210	--	0	--	--	--	--	--	--	1,210
North Carolina.....	0	11	--	27	--	0	32	--	0	--	6
South Carolina.....	10	25	0	10	--	0	58	146	0	--	7
Virginia.....	1	5	--	0	--	0	52	0	0	--	1
West Virginia.....	4	17	--	0	--	--	174	0	--	0	4
East South Central.....	3	7	--	15	0	0	19	54	0	0	6
Alabama.....	8	41	--	36	--	0	28	--	--	--	16
Kentucky.....	4	25	--	20	0	--	48	55	--	0	4
Mississippi.....	1	5	--	5	--	0	--	0	--	--	4
Tennessee.....	2	16	--	0	--	0	29	264	0	--	3
West South Central.....	0	5	0	5	--	0	11	2	0	13	3
Arkansas.....	0	4	--	316	--	0	11	--	0	--	17
Louisiana.....	0	3	0	8	--	0	--	--	--	--	5
Oklahoma.....	0	28	--	6	--	--	19	0	0	--	3
Texas.....	0	39	0	10	--	--	67	300	--	13	5
Mountain.....	4	25	--	5	0	0	8	69	0	--	4
Arizona.....	0	19	--	3	--	0	3	100	0	--	1
Colorado.....	13	142	--	18	0	--	35	40	0	--	12
Idaho.....	--	60	--	867	--	--	12	--	--	--	615
Montana.....	439	11,165	--	2,332	--	--	21	--	--	--	369
Nevada.....	0	26	--	5	--	--	5	--	--	--	4
New Mexico.....	*	34	--	34	--	--	106	--	--	--	12
Utah.....	9	50	--	11	--	--	58	0	--	--	6
Wyoming.....	8	84	--	756	--	--	107	71	--	--	11
Pacific Contiguous.....	0	276	--	13	0	0	3	8	0	0	11
California.....	--	36	--	17	0	0	9	11	0	0	20
Oregon.....	0	920	--	2	0	--	3	46	--	--	3
Washington.....	--	2,123	--	46	--	0	2	12	0	--	32
Pacific Noncontiguous.....	18	8	--	26	--	--	25	129	--	0	15
Alaska.....	18	24	--	26	--	--	25	132	--	0	35
Hawaii.....	--	8	--	0	--	--	333	0	--	--	8

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Table A3.A. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	31	15	--	4	--	0	16	9	0	7	6
Connecticut.....	0	251	--	16	--	0	78	16	0	10	12
Maine.....	0	*	--	1	--	--	21	5	--	22	6
Massachusetts.....	41	16	--	6	--	0	36	13	0	10	11
New Hampshire.....	--	210	--	0	--	0	27	42	--	60	8
Rhode Island.....	--	1,870	--	5	--	--	694	47	--	--	10
Vermont.....	--	0	--	--	--	0	55	94	--	--	64
Middle Atlantic.....	8	26	65	6	1,549	0	19	7	0	6	5
New Jersey.....	27	62	--	8	0	0	276	13	--	13	9
New York.....	31	99	28	11	--	0	21	12	--	9	11
Pennsylvania.....	8	23	1,977	12	1,549	0	35	11	0	9	7
East North Central.....	3	46	0	16	27	0	98	10	--	68	5
Illinois.....	4	42	--	38	0	0	113	14	--	540	5
Indiana.....	5	2,328	--	38	162	--	--	0	--	0	23
Michigan.....	126	809	0	30	0	0	163	18	--	47	19
Ohio.....	*	106	0	24	0	0	--	97	--	--	2
Wisconsin.....	1,043	4,298	--	1	--	0	315	24	--	--	39
West North Central.....	381	28	--	23	--	0	218	13	--	50	20
Iowa.....	--	1,176	--	10,946	--	0	984	35	--	--	63
Kansas.....	--	--	--	--	--	--	529	0	--	--	2
Minnesota.....	381	13	--	4	--	--	244	14	--	50	12
Missouri.....	--	--	--	72	--	--	--	0	--	--	69
Nebraska.....	--	--	--	1,788	--	--	--	456	--	--	587
North Dakota.....	--	--	--	--	--	--	--	5	--	--	5
South Dakota.....	--	--	--	--	--	--	--	40	--	--	40
South Atlantic.....	9	43	0	15	0	0	17	9	--	7	9
Delaware.....	12	535	--	30	--	--	--	3	--	--	14
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	44	169	--	32	0	--	--	6	--	9	26
Georgia.....	--	9,068	--	3	--	--	900	142	--	0	9
Maryland.....	13	35	--	23	0	0	2	3	--	0	8
North Carolina.....	135	838	--	7	--	--	93	52	--	141	59
South Carolina.....	733	5,788	--	58	--	--	242	--	--	--	66
Virginia.....	41	49	--	52	--	--	196	10	--	0	30
West Virginia.....	7	0	0	92	--	--	21	0	--	0	8
East South Central.....	12	799	0	3	--	--	0	18	--	82	5
Alabama.....	0	2,293	--	4	--	--	--	0	--	563	12
Kentucky.....	15	1,059	0	0	--	--	0	--	--	--	12
Mississippi.....	0	--	--	0	--	--	--	--	--	79	*
Tennessee.....	--	--	--	0	--	--	--	75	--	--	75
West South Central.....	0	27	0	3	0	0	19	23	--	0	2
Arkansas.....	--	0	--	0	--	--	0	143	--	--	2
Louisiana.....	0	15	--	11	0	--	0	62	--	--	3
Oklahoma.....	0	0	--	10	--	--	--	6	--	--	9
Texas.....	0	36	0	3	0	0	243	21	--	0	2
Mountain.....	25	481	0	9	0	--	18	21	--	271	13
Arizona.....	--	--	--	5	--	--	--	0	--	--	5
Colorado.....	153	2	--	15	--	--	148	97	--	--	33
Idaho.....	--	--	--	25	--	--	76	23	--	--	29
Montana.....	23	161	0	1,003	0	--	18	4	--	--	27
Nevada.....	0	0	--	21	0	--	--	5	--	--	19
New Mexico.....	--	4,708	--	54	--	--	--	145	--	--	91
Utah.....	390	781	--	370	--	--	570	228	--	271	284
Wyoming.....	177	648	--	1,264	--	--	--	7	--	--	156
Pacific Contiguous.....	9	189	95	5	85	--	33	6	--	28	6
California.....	61	319	95	6	767	--	36	6	--	28	8
Oregon.....	--	--	--	3	--	--	76	29	--	127	5
Washington.....	0	*	--	14	0	--	134	9	--	59	6
Pacific Noncontiguous.....	31	44	--	--	--	--	250	43	--	0	40
Alaska.....	136	--	--	--	--	--	--	--	--	--	136
Hawaii.....	25	44	--	--	--	--	250	43	--	0	38

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Table A3.B. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, Year-to-Date through November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	29	8	--	4	--	0	39	9	0	6	6
Connecticut.....	0	283	--	11	--	0	171	14	0	8	9
Maine.....	0	191	--	1	--	--	52	5	--	18	13
Massachusetts.....	41	5	--	7	--	0	87	12	0	8	11
New Hampshire.....	--	207	--	0	--	0	79	42	--	52	10
Rhode Island.....	--	3,102	--	3	--	--	1,438	42	--	--	12
Vermont.....	--	0	--	--	--	0	128	100	--	--	74
Middle Atlantic.....	8	40	164	6	1,007	0	46	6	0	5	5
New Jersey.....	25	84	--	10	0	0	509	12	--	11	9
New York.....	29	73	191	11	--	0	53	11	--	8	12
Pennsylvania.....	7	57	2,057	9	1,007	0	87	8	0	8	6
East North Central.....	3	45	0	19	19	0	201	9	--	60	5
Illinois.....	4	41	--	43	0	0	203	13	--	20	5
Indiana.....	5	3,924	--	46	127	--	--	0	--	0	25
Michigan.....	128	2,138	0	35	0	0	367	16	--	60	20
Ohio.....	1	104	0	96	0	0	--	101	--	--	2
Wisconsin.....	1,341	2,228	--	*	--	0	665	26	--	--	32
West North Central.....	407	138	--	12	--	0	405	11	--	42	17
Iowa.....	--	9,230	--	16,267	--	0	23	31	--	--	76
Kansas.....	--	--	--	--	--	--	1,120	0	--	--	5
Minnesota.....	407	13	--	*	--	--	425	13	--	42	15
Missouri.....	--	--	--	16	--	--	--	0	--	--	16
Nebraska.....	--	--	--	1,788	--	--	--	321	--	--	591
North Dakota.....	--	--	--	--	--	--	--	3	--	--	3
South Dakota.....	--	--	--	--	--	--	--	32	--	--	32
South Atlantic.....	8	44	0	18	0	0	53	8	--	6	9
Delaware.....	12	197	--	63	--	--	--	3	--	--	21
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	37	208	--	33	0	--	--	6	--	7	27
Georgia.....	--	1,893	--	6	--	--	528	130	--	0	11
Maryland.....	13	56	--	46	0	0	20	2	--	0	7
North Carolina.....	107	739	--	6	--	--	175	51	--	190	43
South Carolina.....	733	5,788	--	110	--	--	391	--	--	--	117
Virginia.....	40	90	--	25	--	--	408	10	--	0	20
West Virginia.....	6	0	0	93	--	--	70	0	--	0	7
East South Central.....	15	219	0	2	--	--	0	9	--	69	4
Alabama.....	0	31	--	3	--	--	--	0	--	563	10
Kentucky.....	15	244	0	0	--	--	0	--	--	--	12
Mississippi.....	0	--	--	0	--	--	--	--	--	72	*
Tennessee.....	--	--	--	0	--	--	--	74	--	--	75
West South Central.....	0	12	0	3	0	0	25	15	--	0	2
Arkansas.....	--	0	--	0	--	--	0	85	--	--	1
Louisiana.....	0	12	--	7	0	--	0	56	--	--	3
Oklahoma.....	0	0	--	8	--	--	--	5	--	--	7
Texas.....	0	14	0	3	0	0	558	19	--	0	2
Mountain.....	24	231	0	8	0	--	32	17	--	352	13
Arizona.....	--	--	--	4	--	--	--	0	--	--	4
Colorado.....	131	2	--	14	--	--	136	56	--	--	40
Idaho.....	--	--	--	23	--	--	55	17	--	--	25
Montana.....	22	75	0	1,005	0	--	36	3	--	--	27
Nevada.....	0	0	--	24	0	--	--	3	--	--	21
New Mexico.....	--	1,093	--	137	--	--	--	75	--	--	159
Utah.....	358	374	--	307	--	--	521	202	--	352	259
Wyoming.....	248	15,490	--	1,018	--	--	--	7	--	--	209
Pacific Contiguous.....	7	99	97	5	82	--	37	4	--	27	5
California.....	45	100	97	5	834	--	47	4	--	23	7
Oregon.....	--	--	--	4	--	--	67	28	--	166	5
Washington.....	0	*	--	14	0	--	123	9	--	50	7
Pacific Noncontiguous.....	152	23	--	--	--	--	300	29	--	188	56
Alaska.....	148	--	--	--	--	--	--	--	--	--	148
Hawaii.....	158	23	--	--	--	--	300	29	--	188	59

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

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Table A4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	--	395	--	52	--	--	0	76	--	92	45
Connecticut.....	--	3,400	--	339	--	--	--	--	--	--	370
Maine.....	--	1,465	--	2,937	--	--	--	87	--	92	97
Massachusetts.....	--	434	--	40	--	--	0	136	--	--	46
New Hampshire.....	--	385	--	--	--	--	--	--	--	--	385
Rhode Island.....	--	409	--	279	--	--	--	--	--	--	238
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	121	194	--	59	--	--	0	40	--	40	37
New Jersey.....	--	2,118	--	205	--	--	--	357	--	--	229
New York.....	0	216	--	44	--	--	0	74	--	80	36
Pennsylvania.....	321	447	--	175	--	--	--	0	--	0	79
East North Central.....	40	95	--	49	--	--	0	40	--	35	30
Illinois.....	0	11,021	--	34	--	--	--	1,542	--	--	29
Indiana.....	80	1,751	--	632	--	--	--	116	--	143	69
Michigan.....	0	43	--	818	--	--	--	20	--	15	8
Ohio.....	0	--	--	0	--	--	--	--	--	--	0
Wisconsin.....	152	1,635	--	273	--	--	0	255	--	445	147
West North Central.....	82	977	0	225	--	--	--	101	--	156	69
Iowa.....	109	0	0	786	--	--	--	131	--	--	97
Kansas.....	--	290	--	168	--	--	--	--	--	--	458
Minnesota.....	--	993	--	253	--	--	--	195	--	207	181
Missouri.....	0	18	--	0	--	--	--	--	--	0	4
Nebraska.....	--	--	--	22,644	--	--	--	288	--	--	307
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	21	1,587	--	278	0	--	0	34	--	35	39
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	497	--	282	--	--	--	158	--	--	677
Georgia.....	--	2,329	--	--	--	--	--	--	--	--	2,329
Maryland.....	--	3,283	--	452	0	--	--	100	--	73	147
North Carolina.....	0	10,757	--	0	--	--	0	--	--	--	8
South Carolina.....	--	2,239	--	12,315	--	--	0	114	--	126	173
Virginia.....	103	0	--	--	--	--	--	33	--	33	100
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
East South Central.....	489	--	--	243	--	--	--	--	--	--	445
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	921	--	--	--	--	--	--	921
Tennessee.....	489	--	--	252	--	--	--	--	--	--	447
West South Central.....	--	2,142	--	58	--	--	--	151	--	--	123
Arkansas.....	--	--	--	2,811	--	--	--	444	--	--	519
Louisiana.....	--	--	--	321	--	--	--	--	--	--	321
Oklahoma.....	--	5,780	--	425	--	--	--	--	--	--	535
Texas.....	--	2,312	--	54	--	--	--	160	--	--	138
Mountain.....	--	5,469	--	153	0	--	--	270	--	--	158
Arizona.....	--	19,111	--	270	--	--	--	438	--	--	410
Colorado.....	--	0	--	0	--	--	--	--	--	--	0
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	339	--	--	--	--	--	--	339
Utah.....	--	--	--	501	0	--	--	340	--	--	349
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous.....	--	1,020	--	41	489	--	0	51	--	0	40
California.....	--	1,052	--	42	489	--	0	51	--	0	66
Oregon.....	--	13	--	830	--	--	--	--	--	--	842
Washington.....	--	3	--	390	--	--	0	--	--	--	178
Pacific Noncontiguous.....	41	607	--	0	--	--	--	0	--	0	24
Alaska.....	41	754	--	0	--	--	--	0	--	--	42
Hawaii.....	--	0	--	--	--	--	--	0	--	0	0

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Table A4.B. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, Year-to-Date through November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	--	274	--	55	--	--	0	56	--	121	47
Connecticut.....	--	3,271	--	346	--	--	--	--	--	--	390
Maine.....	--	1,294	--	1,979	--	--	--	67	--	121	111
Massachusetts.....	--	357	--	44	--	--	0	91	--	--	48
New Hampshire.....	--	382	--	--	--	--	--	--	--	--	382
Rhode Island.....	--	401	--	284	--	--	--	--	--	--	262
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic.....	120	121	--	63	--	--	0	29	--	52	41
New Jersey.....	--	1,965	--	211	--	--	--	301	--	--	249
New York.....	0	131	--	47	--	--	0	57	--	104	39
Pennsylvania.....	344	289	--	180	--	--	--	0	--	0	91
East North Central.....	47	44	--	48	--	--	0	24	--	40	32
Illinois.....	0	551	--	34	--	--	--	604	--	--	33
Indiana.....	97	2,468	--	566	--	--	--	101	--	183	80
Michigan.....	0	85	--	442	--	--	--	16	--	17	8
Ohio.....	0	--	--	0	--	--	--	--	--	--	0
Wisconsin.....	1,477	3,165	--	285	--	--	0	152	--	484	164
West North Central.....	88	1,472	0	221	--	--	--	77	--	146	73
Iowa.....	119	4,128	0	672	--	--	--	101	--	--	106
Kansas.....	--	247	--	121	--	--	--	--	--	--	368
Minnesota.....	--	1,406	--	256	--	--	--	157	--	205	188
Missouri.....	0	25	--	0	--	--	--	--	--	0	9
Nebraska.....	--	--	--	6,690	--	--	--	190	--	--	205
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	18	978	--	262	0	--	0	26	--	44	36
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	428	--	270	--	--	--	106	--	--	607
Georgia.....	--	323	--	--	--	--	--	--	--	--	323
Maryland.....	--	7,163	--	509	0	--	--	92	--	77	164
North Carolina.....	0	1,341	--	0	--	--	0	--	--	--	2
South Carolina.....	--	1,262	--	2,536	--	--	0	92	--	160	162
Virginia.....	96	0	--	--	--	--	--	23	--	42	88
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
East South Central.....	596	--	--	247	--	--	--	--	--	--	548
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	822	--	--	--	--	--	--	822
Tennessee.....	596	--	--	259	--	--	--	--	--	--	552
West South Central.....	--	1,073	--	55	--	--	--	97	--	--	112
Arkansas.....	--	--	--	2,545	--	--	--	301	--	--	451
Louisiana.....	--	--	--	317	--	--	--	--	--	--	317
Oklahoma.....	--	615	--	360	--	--	--	--	--	--	453
Texas.....	--	1,140	--	52	--	--	--	102	--	--	126
Mountain.....	--	5,471	--	123	0	--	--	163	--	--	135
Arizona.....	--	19,138	--	263	--	--	--	311	--	--	434
Colorado.....	--	0	--	0	--	--	--	--	--	--	0
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	325	--	--	--	--	--	--	325
Utah.....	--	--	--	489	0	--	--	164	--	--	359
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous.....	--	803	--	42	489	--	0	35	--	0	42
California.....	--	814	--	42	489	--	0	35	--	0	71
Oregon.....	--	6	--	909	--	--	--	--	--	--	915
Washington.....	--	36,463	--	400	--	--	0	--	--	--	196
Pacific Noncontiguous.....	43	452	--	0	--	--	--	0	--	0	30
Alaska.....	43	757	--	0	--	--	--	0	--	--	43
Hawaii.....	--	0	--	--	--	--	--	0	--	0	0

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

Sources: Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table A5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	159	123	--	47	--	--	7	6	--	19	30
Connecticut.....	--	270	--	136	--	--	--	--	--	151	124
Maine.....	0	101	--	28	--	--	7	6	--	0	21
Massachusetts.....	271	419	--	397	--	--	0	--	--	0	309
New Hampshire.....	--	876	--	200	--	--	733	256	--	--	198
Rhode Island.....	--	0	--	--	--	--	--	--	--	--	0
Vermont.....	--	--	--	--	--	--	186	174	--	--	175
Middle Atlantic.....	76	737	311	100	46	--	20	20	--	58	37
New Jersey.....	--	1,271	--	176	258	--	--	399	--	58	153
New York.....	0	12	--	80	--	--	20	0	--	--	23
Pennsylvania.....	102	857	311	153	22	--	--	29	--	--	41
East North Central.....	39	114	67	84	46	--	50	13	--	13	33
Illinois.....	79	114	18	231	273	--	--	0	--	0	111
Indiana.....	162	100	--	67	43	--	--	191	--	0	137
Michigan.....	77	100	0	140	--	--	109	18	--	29	44
Ohio.....	113	441	705	356	142	--	--	18	--	0	51
Wisconsin.....	34	311	6	244	--	--	55	21	--	0	91
West North Central.....	72	1,054	--	245	214	--	38	18	--	105	53
Iowa.....	66	241	--	0	--	--	--	0	--	--	64
Kansas.....	--	--	--	928	--	--	--	--	--	--	928
Minnesota.....	171	286	--	290	--	--	38	18	--	105	79
Missouri.....	153	24	--	1,061	--	--	--	244	--	--	141
Nebraska.....	183	--	--	--	--	--	--	--	--	--	183
North Dakota.....	111	961	--	648	214	--	--	213	--	--	103
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	48	69	0	46	0	--	13	28	--	28	29
Delaware.....	126	1,158	0	45	0	--	--	--	--	0	46
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	269	194	--	75	0	--	--	70	--	12	83
Georgia.....	70	104	0	57	--	--	148	46	--	60	49
Maryland.....	0	320	--	209	--	--	--	0	--	--	30
North Carolina.....	169	170	--	1,297	--	--	0	66	--	31	129
South Carolina.....	67	0	--	0	0	--	--	0	--	0	14
Virginia.....	55	61	--	86	--	--	386	40	--	--	38
West Virginia.....	51	--	--	735	0	--	0	0	--	--	48
East South Central.....	39	254	--	70	87	--	0	36	--	100	53
Alabama.....	187	264	--	74	76	--	--	53	--	72	73
Kentucky.....	--	--	--	130	--	--	--	11	--	--	47
Mississippi.....	63	1,081	--	267	392	--	--	48	--	420	256
Tennessee.....	33	1,436	--	283	0	--	0	22	--	0	22
West South Central.....	186	266	241	9	42	--	--	44	--	32	19
Arkansas.....	52	13	45	60	--	--	--	33	--	--	42
Louisiana.....	540	305	445	12	124	--	--	76	--	34	32
Oklahoma.....	218	484	--	220	973	--	--	186	--	42	179
Texas.....	0	492	154	13	36	--	--	88	--	23	25
Mountain.....	200	1,730	--	80	79	--	--	12	--	18	51
Arizona.....	273	2,061	--	1,911	--	--	--	--	--	--	277
Colorado.....	--	7,539	--	386	--	--	--	--	--	66	277
Idaho.....	151	12	--	258	--	--	--	0	--	61	38
Montana.....	--	6	--	323	--	--	--	82	--	--	113
Nevada.....	--	--	--	252	--	--	--	--	--	--	252
New Mexico.....	--	15,697	--	1,940	--	--	--	--	--	--	2,011
Utah.....	0	--	--	202	434	--	--	--	--	0	130
Wyoming.....	79	994	--	63	50	--	--	--	--	77	46
Pacific Contiguous.....	42	292	249	25	46	--	630	63	--	14	32
California.....	44	131	249	27	46	--	--	269	--	14	38
Oregon.....	--	729	--	68	--	--	--	18	--	--	43
Washington.....	0	342	--	0	--	--	630	15	--	--	14
Pacific Noncontiguous.....	--	232	--	303	492	--	93	165	--	--	146
Alaska.....	--	291	--	303	--	--	--	394	--	--	203
Hawaii.....	--	287	--	--	492	--	93	196	--	--	184

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

Source: Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

Table A5.B. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, Year-to-Date through November 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England.....	196	70	--	57	--	--	7	9	--	50	35
Connecticut.....	--	263	--	140	--	--	--	--	--	191	134
Maine.....	0	60	--	38	--	--	7	8	--	0	25
Massachusetts.....	308	313	--	355	--	--	0	--	--	0	281
New Hampshire.....	--	1,181	--	225	--	--	870	414	--	--	229
Rhode Island.....	--	0	--	--	--	--	--	--	--	--	0
Vermont.....	--	--	--	--	--	--	114	197	--	--	156
Middle Atlantic.....	81	169	251	96	45	--	32	21	--	58	39
New Jersey.....	--	1,194	--	160	266	--	--	292	--	58	142
New York.....	0	11	--	88	--	--	32	0	--	--	26
Pennsylvania.....	130	413	251	147	22	--	--	29	--	--	41
East North Central.....	39	90	65	82	49	--	51	12	--	14	28
Illinois.....	68	171	23	210	232	--	--	0	--	0	99
Indiana.....	163	194	--	66	46	--	--	77	--	0	197
Michigan.....	84	113	0	137	--	--	122	17	--	29	49
Ohio.....	154	311	423	180	138	--	--	18	--	0	58
Wisconsin.....	34	267	*	313	--	--	56	21	--	0	94
West North Central.....	62	4,078	--	168	250	--	18	18	--	116	49
Iowa.....	43	45,252	--	0	--	--	--	0	--	--	42
Kansas.....	--	--	--	496	--	--	--	--	--	--	496
Minnesota.....	170	4,115	--	190	--	--	18	19	--	116	78
Missouri.....	172	33	--	802	--	--	--	188	--	--	158
Nebraska.....	184	--	--	--	--	--	--	--	--	--	184
North Dakota.....	112	892	--	574	250	--	--	123	--	--	117
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Atlantic.....	41	49	0	43	0	--	15	22	--	27	26
Delaware.....	1,119	487	0	22	0	--	--	--	--	0	50
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	217	180	--	68	0	--	--	57	--	10	65
Georgia.....	61	89	0	55	--	--	159	36	--	69	45
Maryland.....	0	209	--	219	--	--	--	0	--	--	34
North Carolina.....	132	110	--	1,335	--	--	0	50	--	28	135
South Carolina.....	36	0	--	0	0	--	--	0	--	0	10
Virginia.....	39	43	--	79	--	--	7	34	--	--	31
West Virginia.....	58	--	--	712	0	--	0	0	--	--	56
East South Central.....	43	152	--	80	71	--	0	27	--	198	57
Alabama.....	158	156	--	82	61	--	--	41	--	147	71
Kentucky.....	--	--	--	156	--	--	--	8	--	--	37
Mississippi.....	60	650	--	296	363	--	--	32	--	356	271
Tennessee.....	40	1,319	--	247	0	--	0	21	--	0	24
West South Central.....	143	173	146	10	41	--	--	35	--	43	18
Arkansas.....	51	11	53	73	--	--	--	27	--	60	34
Louisiana.....	131	144	261	14	120	--	--	59	--	57	30
Oklahoma.....	164	271	--	229	539	--	--	151	--	34	166
Texas.....	0	234	125	13	36	--	--	71	--	28	24
Mountain.....	101	765	--	101	77	--	--	16	--	21	48
Arizona.....	244	857	--	1,649	--	--	--	--	--	--	252
Colorado.....	--	2,519	--	376	--	--	--	--	--	66	1,841
Idaho.....	162	5	--	39	--	--	--	0	--	54	49
Montana.....	--	8	--	302	--	--	--	85	--	--	114
Nevada.....	--	--	--	232	--	--	--	--	--	--	232
New Mexico.....	--	3,138	--	1,577	--	--	--	--	--	--	1,659
Utah.....	0	--	--	194	504	--	--	--	--	0	20
Wyoming.....	79	860	--	62	49	--	--	--	--	68	48
Pacific Contiguous.....	38	49	173	25	47	--	436	44	--	24	32
California.....	40	154	173	27	47	--	--	194	--	24	37
Oregon.....	--	806	--	74	--	--	--	16	--	--	48
Washington.....	0	302	--	0	--	--	436	13	--	--	12
Pacific Noncontiguous.....	--	137	--	328	573	--	103	122	--	--	121
Alaska.....	--	296	--	328	--	--	--	167	--	--	253
Hawaii.....	--	147	--	--	573	--	103	148	--	--	128

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

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

Source: Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

Table A6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, November 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	1	2	0	1
Connecticut	*	2	2	0	1
Maine	1	3	9	0	4
Massachusetts	1	*	4	0	1
New Hampshire	*	*	3	0	1
Rhode Island	0	0	0	0	0
Vermont	2	1	5	0	3
Middle Atlantic	*	*	1	*	*
New Jersey	*	*	1	0	*
New York	*	*	2	*	*
Pennsylvania	*	*	0	0	*
East North Central	*	*	1	0	1
Illinois	1	1	3	0	1
Indiana	1	1	1	0	1
Michigan	1	*	1	0	1
Ohio	1	*	1	0	1
Wisconsin	1	*	2	0	1
West North Central	1	1	1	26	1
Iowa	1	1	2	1,749	2
Kansas	3	3	6	0	2
Minnesota	1	1	2	0	2
Missouri	1	*	2	0	2
Nebraska	3	3	4	0	2
North Dakota	2	3	9	0	3
South Dakota	3	5	4	0	3
South Atlantic	1	1	1	0	1
Delaware	1	1	3	0	2
District of Columbia	0	1	0	0	0
Florida	1	1	4	0	1
Georgia	2	2	4	0	2
Maryland	1	*	1	0	1
North Carolina	1	2	2	0	1
South Carolina	2	2	3	0	1
Virginia	1	1	3	0	1
West Virginia	*	*	0	0	*
East South Central	1	1	1	0	1
Alabama	2	3	3	0	1
Kentucky	1	1	1	0	1
Mississippi	3	4	5	0	2
Tennessee	1	1	2	0	2
West South Central	1	2	1	0	1
Arkansas	2	4	4	0	2
Louisiana	3	2	2	0	2
Oklahoma	2	3	4	0	2
Texas	1	2	2	0	1
Mountain	*	*	1	0	1
Arizona	1	*	1	0	1
Colorado	1	1	2	0	2
Idaho	1	2	2	0	1
Montana	3	3	4	0	2
Nevada	1	*	0	0	1
New Mexico	2	1	2	0	3
Utah	1	1	1	0	2
Wyoming	3	2	1	0	1
Pacific Contiguous	*	*	1	0	*
California	*	*	1	0	*
Oregon	2	2	4	0	2
Washington	1	2	3	0	1
Pacific Noncontiguous	1	2	2	0	1
Alaska	2	4	6	0	3
Hawaii	0	0	0	0	0

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

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary.

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

Table A6.B. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through November 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	1	*	2	2	1
Connecticut	1	*	3	5	1
Maine	1	2	3	0	2
Massachusetts	1	*	5	0	1
New Hampshire	1	*	4	0	1
Rhode Island	0	0	0	0	0
Vermont	4	1	6	0	4
Middle Atlantic	*	*	1	*	*
New Jersey	1	*	2	2	*
New York	1	*	3	*	*
Pennsylvania	*	*	0	0	*
East North Central	1	*	1	1	1
Illinois	1	1	1	1	1
Indiana	2	1	2	0	1
Michigan	1	*	1	0	1
Ohio	1	*	1	0	1
Wisconsin	2	1	2	0	1
West North Central	1	1	2	58	1
Iowa	3	1	3	4,456	2
Kansas	3	3	7	0	3
Minnesota	2	1	3	0	2
Missouri	2	1	3	0	2
Nebraska	2	2	5	0	2
North Dakota	2	2	10	0	3
South Dakota	3	3	5	0	3
South Atlantic	1	1	2	1	1
Delaware	2	1	5	0	2
District of Columbia	0	*	0	5	0
Florida	1	1	4	0	1
Georgia	2	2	4	0	2
Maryland	1	*	3	0	1
North Carolina	2	2	3	0	1
South Carolina	2	2	3	0	2
Virginia	1	1	4	0	1
West Virginia	*	*	0	0	*
East South Central	1	1	1	0	1
Alabama	2	3	2	0	2
Kentucky	2	1	1	0	1
Mississippi	3	4	5	0	3
Tennessee	2	1	3	0	2
West South Central	2	2	1	0	1
Arkansas	3	4	4	0	2
Louisiana	4	2	2	0	2
Oklahoma	2	3	4	0	2
Texas	2	2	2	0	1
Mountain	1	*	1	0	1
Arizona	1	1	1	0	1
Colorado	2	1	2	0	2
Idaho	1	1	2	0	1
Montana	2	2	5	0	3
Nevada	1	1	0	0	1
New Mexico	2	1	3	0	3
Utah	2	1	1	0	2
Wyoming	2	2	2	0	2
Pacific Contiguous	*	*	2	*	1
California	*	*	1	0	1
Oregon	1	1	5	0	2
Washington	1	1	4	51	1
Pacific Noncontiguous	1	1	2	0	1
Alaska	2	3	7	0	3
Hawaii	0	0	0	0	0

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

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

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

Table A7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, November 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	1	1	0	1
Connecticut	*	2	2	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	3	0	1
New Hampshire	1	1	2	0	1
Rhode Island	0	0	0	0	0
Vermont	3	3	6	0	4
Middle Atlantic	*	*	1	*	*
New Jersey	*	*	1	0	*
New York	*	*	1	*	*
Pennsylvania	*	*	*	0	1
East North Central	1	1	1	0	1
Illinois	1	1	2	0	1
Indiana	1	2	2	0	2
Michigan	1	1	1	0	1
Ohio	1	1	1	0	1
Wisconsin	1	1	2	0	2
West North Central	1	1	2	25	1
Iowa	3	4	3	1,581	4
Kansas	5	5	10	0	5
Minnesota	2	2	3	0	3
Missouri	2	2	4	0	3
Nebraska	3	3	5	0	2
North Dakota	2	3	9	0	3
South Dakota	3	4	5	0	3
South Atlantic	1	1	2	0	1
Delaware	2	2	4	0	3
District of Columbia	0	1	0	0	0
Florida	1	1	5	0	1
Georgia	3	2	5	0	2
Maryland	1	1	1	0	1
North Carolina	2	3	4	0	2
South Carolina	2	3	4	0	2
Virginia	1	1	4	0	1
West Virginia	*	1	*	0	1
East South Central	1	1	2	0	1
Alabama	2	3	3	0	2
Kentucky	2	3	2	0	2
Mississippi	3	4	6	0	3
Tennessee	1	2	2	0	2
West South Central	2	2	2	0	2
Arkansas	3	5	6	0	3
Louisiana	4	4	3	0	3
Oklahoma	3	4	6	0	3
Texas	2	2	2	0	2
Mountain	1	*	1	0	1
Arizona	1	1	1	0	1
Colorado	2	1	2	0	2
Idaho	2	2	2	0	1
Montana	3	3	4	0	2
Nevada	1	1	*	0	1
New Mexico	3	2	3	0	3
Utah	2	2	1	0	2
Wyoming	3	3	2	0	2
Pacific Contiguous	*	*	1	0	*
California	*	*	1	0	*
Oregon	2	2	3	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	1	1	1	0	1
Alaska	3	4	4	0	2
Hawaii	0	0	0	0	0

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

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

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

Table A7.B. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through November 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	1	*	2	2	1
Connecticut	1	*	2	5	1
Maine	1	1	1	0	1
Massachusetts	1	1	4	0	1
New Hampshire	1	1	3	0	1
Rhode Island	0	0	0	0	0
Vermont	4	2	7	0	4
Middle Atlantic	*	*	1	*	*
New Jersey	*	*	1	1	*
New York	*	*	1	*	*
Pennsylvania	1	*	1	0	*
East North Central	1	*	1	1	1
Illinois	1	1	2	1	1
Indiana	2	1	2	0	2
Michigan	1	1	1	0	1
Ohio	1	1	2	0	1
Wisconsin	2	1	3	0	2
West North Central	2	1	2	41	1
Iowa	4	3	4	2,513	3
Kansas	5	5	9	0	4
Minnesota	3	2	3	0	2
Missouri	3	2	5	0	2
Nebraska	3	2	6	0	3
North Dakota	2	2	11	0	3
South Dakota	3	3	6	0	3
South Atlantic	1	1	2	1	1
Delaware	2	2	4	0	2
District of Columbia	0	*	0	4	0
Florida	1	1	5	0	1
Georgia	3	2	4	0	2
Maryland	1	1	2	0	1
North Carolina	2	2	4	0	2
South Carolina	3	3	4	0	2
Virginia	2	1	5	0	1
West Virginia	1	1	*	0	1
East South Central	1	1	2	0	1
Alabama	2	3	3	0	2
Kentucky	3	2	2	0	2
Mississippi	4	4	6	0	3
Tennessee	2	2	3	0	2
West South Central	2	2	2	0	1
Arkansas	3	5	6	0	3
Louisiana	5	4	3	0	3
Oklahoma	3	4	6	0	3
Texas	2	2	2	0	1
Mountain	1	1	1	0	1
Arizona	1	1	1	0	1
Colorado	3	1	3	0	2
Idaho	2	2	3	0	2
Montana	3	2	5	0	2
Nevada	1	1	*	0	1
New Mexico	4	2	3	0	3
Utah	3	2	1	0	2
Wyoming	3	2	2	0	2
Pacific Contiguous	*	*	1	*	*
California	*	*	1	0	*
Oregon	1	1	5	0	1
Washington	1	1	4	46	1
Pacific Noncontiguous	1	1	1	0	1
Alaska	3	3	5	0	3
Hawaii	0	0	0	0	0

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.
Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

Table A8.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, November 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	1	2	0	*
Connecticut	*	3	*	0	*
Maine	2	1	3	0	1
Massachusetts	*	*	*	0	*
New Hampshire	*	*	2	0	1
Rhode Island	0	0	0	0	0
Vermont	*	*	*	0	*
Middle Atlantic	1	1	*	*	1
New Jersey	*	*	*	0	*
New York	1	1	*	*	1
Pennsylvania	*	*	*	0	*
East North Central	*	*	*	0	*
Illinois	1	3	14	0	2
Indiana	*	*	*	0	*
Michigan	*	*	1	0	*
Ohio	*	*	*	0	*
Wisconsin	*	*	*	0	*
West North Central	1	1	3	3	1
Iowa	*	*	*	218	*
Kansas	5	5	17	0	9
Minnesota	2	2	2	0	1
Missouri	2	1	*	0	1
Nebraska	5	2	4	0	2
North Dakota	4	10	17	0	6
South Dakota	4	2	5	0	3
South Atlantic	1	2	3	0	1
Delaware	1	1	*	0	1
District of Columbia	0	*	0	0	0
Florida	2	1	4	0	1
Georgia	1	1	2	0	1
Maryland	*	*	*	0	*
North Carolina	1	1	1	0	*
South Carolina	4	5	18	0	4
Virginia	6	8	4	0	5
West Virginia	*	*	*	0	*
East South Central	1	1	2	0	1
Alabama	1	4	4	0	1
Kentucky	2	1	5	0	7
Mississippi	1	1	8	0	5
Tennessee	1	1	2	0	1
West South Central	1	1	2	0	1
Arkansas	2	1	7	0	4
Louisiana	3	1	6	0	3
Oklahoma	2	1	2	0	1
Texas	2	3	1	0	1
Mountain	*	*	1	0	*
Arizona	2	*	2	0	1
Colorado	1	1	4	0	1
Idaho	*	2	2	0	1
Montana	2	2	3	0	*
Nevada	*	1	*	0	*
New Mexico	1	2	2	0	1
Utah	1	*	1	0	*
Wyoming	2	3	3	0	2
Pacific Contiguous	1	*	2	0	1
California	1	*	1	0	1
Oregon	1	1	3	0	1
Washington	3	1	8	0	3
Pacific Noncontiguous	1	1	1	0	1
Alaska	4	2	5	0	3
Hawaii	0	0	0	0	0

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

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

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

Table A8.B. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through November 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	1	1	5	1	1
Connecticut	*	3	*	2	*
Maine	5	3	5	0	3
Massachusetts	*	*	4	0	*
New Hampshire	3	1	12	0	3
Rhode Island	0	0	0	0	0
Vermont	2	1	1	0	1
Middle Atlantic	3	1	*	1	2
New Jersey	*	*	*	5	*
New York	4	2	2	*	3
Pennsylvania	*	*	*	0	*
East North Central	2	2	3	13	1
Illinois	10	21	65	26	15
Indiana	*	*	*	0	*
Michigan	*	*	3	0	*
Ohio	1	1	3	0	1
Wisconsin	3	*	*	0	1
West North Central	4	4	10	10	5
Iowa	*	*	*	624	*
Kansas	21	20	63	0	33
Minnesota	6	4	7	0	3
Missouri	8	3	*	0	5
Nebraska	19	8	20	0	13
North Dakota	9	30	47	0	14
South Dakota	5	8	15	0	6
South Atlantic	4	8	9	*	3
Delaware	5	6	1	0	6
District of Columbia	0	*	0	1	0
Florida	5	3	9	0	3
Georgia	10	4	4	0	6
Maryland	*	*	*	0	*
North Carolina	6	2	2	0	3
South Carolina	11	16	54	0	8
Virginia	20	31	14	0	17
West Virginia	*	*	*	0	*
East South Central	3	4	7	0	5
Alabama	7	14	17	0	6
Kentucky	10	4	23	0	23
Mississippi	6	4	23	0	14
Tennessee	6	4	8	0	4
West South Central	6	4	3	0	4
Arkansas	11	5	12	0	10
Louisiana	15	5	12	0	9
Oklahoma	8	2	6	0	4
Texas	13	7	5	0	8
Mountain	2	1	3	0	2
Arizona	6	4	7	0	5
Colorado	10	4	15	0	7
Idaho	3	5	6	0	4
Montana	6	6	9	0	4
Nevada	2	2	1	0	1
New Mexico	8	6	9	0	6
Utah	5	3	3	0	2
Wyoming	11	8	11	0	7
Pacific Contiguous	3	1	7	*	3
California	2	1	4	0	3
Oregon	8	3	14	0	5
Washington	11	4	30	110	12
Pacific Noncontiguous	3	2	3	0	2
Alaska	9	5	13	0	6
Hawaii	0	0	0	0	0

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

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Values for 2008 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

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

Appendix B

Major Disturbances and Unusual Occurrences

Table B.1. Major Disturbances and Unusual Occurrences, Year-to-Date through November 2008

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹¹	Restoration Date/Time
January							
01/04/08	Pacific Gas and Electric Company (WECC)	4:00 a.m.	Northern California	Winter Storm	500	2,606,931	5:00 p.m. January 14
01/04/08	Sacramento Municipal Utility District (WECC)	7:47 a.m.	Sacramento County	Severe Storm	300	150,000	4:30 p.m. January 04
01/29/08	Crockett Cogeneration (WECC)	5:00 a.m.	San Francisco Bay Area, California	Exciter Faulted	N/A	-	12:17 p.m. January 29
01/29/08	Entergy Corporation (SERC)	4:00 p.m.	Arkansas, Mississippi, North Louisiana	Severe Thunderstorms	N/A	110,000	8:00 a.m. February 03
01/29/08	DTE Energy - Detroit Edison (RFC)	10:00 p.m.	Southeastern Michigan	Wind/Ice Storm	N/A	86,915	6:30 p.m. February 01
01/29/08	Dayton Power and Light (RFC)	11:23 p.m.	South Metropolitan Areas of Dayton, Ohio	High Winds	380	45,000	12:48 a.m. January 30
01/30/08	Niagara Mohawk Power Corporation (NPCC)	3:06 a.m.	Western, New York	High Winds	50	54,316	2:50 p.m. February 01
February							
02/01/08	Crockett Cogeneration (WECC)	6:00 a.m.	San Francisco Bay Area, California	Equipment Faulted	N/A	-	7:49 a.m. February 01
02/02/08	Crockett Cogeneration (WECC)	3:58 a.m.	San Francisco Bay Area, California	Equipment Faulted	N/A	-	4:27 p.m. February 02
02/05/08	LG&E Energy/Kentucky Utilities (SERC)	10:00 p.m.	State of Kentucky	Severe Weather	N/A	76,000	3:00 a.m. February 06
02/06/08	Tennessee Valley Authority (SERC)	9:00 a.m.	Mid to West Tennessee	Severe Weather	N/A	57,000	11:00 a.m. February 06
02/09/08	Pacific Gas and Electric Company (WECC)	11:59 a.m.	Near Arnold, California	Electrical System Separation	0	0	3:33 p.m. February 09
02/10/08	Allegheny Power (RFC)	4:00 a.m.	Southwestern Pennsylvania, West Virginia, Virginia, Maryland	Severe Weather	412	100,969	8:43 p.m. February 12
02/10/08	PJM Interconnection LLC (RFC)	11:00 a.m.	Virginia, West Virginia, Ohio, Pennsylvania	High Winds	N/A	212,560	11:36 p.m. February 10
02/10/08	American Electric Power (RFC)	11:00 a.m.	Virginia and West Virginia Area of AEP	High Winds	N/A	97,342	5:05 p.m. February 14
02/10/08	Dominion-Virginia Power (SERC)	2:06 p.m.	Dominion Service Territory	High Winds	170	114,618	11:36 p.m. February 10
02/10/08	Duke Energy Carolinas (SERC)	6:02 p.m.	Greenboro, North Carolina and I-40 Corridor	High Winds	300	50,718	4:00 a.m. February 11
02/12/08	Entergy Corporation (SERC)	3:00 p.m.	Arkansas, Mississippi, Louisiana	Severe Weather	N/A	54,000	5:00 p.m. February 15
02/13/08	ISO New England (NPCC)	6:43 p.m.	State of Maine	Ice Storm	50	50,462	12:00 p.m. February 14
02/14/08	PacifiCorp (WECC)	8:15 a.m.	Utah	Load Shedding	2,818	74,031	10:46 a.m. February 14
02/15/08	Pacific Gas and Electric Company (WECC)	3:06 p.m.	Antioch, California	Electrical System Separation	10	10,008	7:36 p.m. February 15
02/25/08	Owensboro Municipal Utilities (RFC)	8:00 a.m.	Restricted Coal Capability	Fuel Supply Deficiency	N/A	0	8:00 a.m. March 12
02/26/08	Southern Company (SERC)	5:00 a.m.	Southern Service Area/Alabama and Georgia	Thunderstorms	484	145,380	3:00 p.m. February 26
02/26/08	Florida Municipal Power Agency (FRCC)	1:09 p.m.	Various Cities in Florida	Under Frequency/Load Shedding	140	47,661	2:10 p.m. February 26
02/26/08	Tampa Electric Company (FRCC)	1:09 p.m.	Tampa Electric Service Territory	Under Frequency/Load Shedding	318	53,965	2:40 p.m. February 26
02/26/08	Florida Power and Light (FRCC)	1:09 p.m.	Primary Dade County Florida	Transmission Equipment Failure	3,200	584,384	4:11 p.m. February 26
02/26/08	Seminole Electric Cooperative (FRCC)	1:09 p.m.	FRCC Region-West Coast Florida	Shed Firm Load	120	56,000	1:47 p.m. February 26
02/26/08	Progress Energy Florida (FRCC)	1:10 p.m.	The entire PEF system was affected, including the following counties: Alachua, Bay, Citrus, Columbia, Dixie, Franklin, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highlands, Jefferson, Lafayette, Lake, Levy, Madison, Marion, Orange, Osecola, Pasco, Pinellas, Polk, Seminole, Sumter, Suwannee, Taylor, Volusia, Wakulla.	Under Frequency/Load Shedding	500	150,000	3:45 p.m. February 26

¹ Estimated values.

Table B.1. Major Disturbances and Unusual Occurrences, Year-to-Date through November 2008

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹	Restoration Date/Time
March							
03/04/08	Duke Energy Carolinas (SERC)	9:30 p.m.	North and South Carolina	Thunderstorms	300	55,267	10:45 p.m. March 04
03/08/08	Dominion-Virginia Power (SERC)	2:14 p.m.	Virginia and Eastern Part of North Carolina	Windstorm	210	141,130	9:59 p.m. March 08
03/08/08	PECO Energy (RFC)	4:00 p.m.	Chester, Montgomery, Delaware, Philadelphia and Bucks County, Pennsylvania	Severe Weather	N/A	168,449	1:44 p.m. March 10
03/15/08	Southern Company (SERC)	8:55 p.m.	Parts of Alabama and Georgia	Major Storm	200	157,744	8:30 p.m. March 16
April							
04/04/08	Entergy Corporation (SERC)	12:31 p.m.	Arkansas, North Louisiana, Mississippi	Severe Thunderstorms	N/A	122,600	5:00 p.m. April 04
04/09/08	Oncor Electric Delivery Company LLC (TRE)	4:00 p.m.	North, Central and East Texas	Severe Weather	N/A	488,689	1:15 a.m. April 13
May							
05/08/08	California ISO (WECC)	10:21 a.m.	California	Load Shedding	483	0	12:56 a.m. May 08
05/11/08	Southern Company (SERC)	6:00 a.m.	Georgia	Severe Thunderstorms	100	80,539	2:30 p.m. May 12
05/11/08	Crawfordsville Electric Light and Power (RFC)	4:50 p.m.	City of Crawfordsville, Indiana	Electric System Separation	47	9,700	8:43 p.m. May 11
05/12/08	Atlantic City Electric (RFC)	12:01 a.m.	Cape May, Cumberland, Gloucester, Salem, Camden, Atlantic, Burlington Counties, New Jersey	Severe Storm	55	135,000	12:00 a.m. May 14
05/27/08	ISO New England (NPCC)	2:02 p.m.	South West Connecticut	Lightning Storm	130	56,400	3:52 p.m. May 27
05/30/08	Exelon Corporation-ComEd (RFC)	9:30 a.m.	Northern and Western Counties of Illinois	Severe Storms	N/A	109,000	11:00 p.m. May 30
05/30/08	Entergy Services, Inc. (SERC)	2:05 p.m.	South Louisiana	Load Shedding, Inadequate Electric Resources to Serve Load	200-250	N/A	8:00 p.m. May 30
05/30/08	Indianapolis Power and Light (RFC)	10:00 p.m.	Northeastern Marion County, Indiana	Severe Thunderstorms	N/A	70,000	11:59 p.m. June 04
June							
06/03/08	Allegheny Power (RFC)	5:00 p.m.	Maryland, West Virginia, Virginia	Severe Weather	634	157,168	11:00 p.m. June 07
06/04/08	Potomac Electric Power Company (RFC)	3:00 p.m.	Montgomery, Prince Georges, Maryland, Washington, D.C.	Lightning Storm	N/A	249,408	1:00 a.m. June 05
06/04/08	Baltimore Gas and Electric Company (RFC)	3:00 p.m.	Entire BGE Service Territory	Severe Storms	N/A	108,000	5:30 a.m. June 07
06/04/08	Dominion-Virginia Power (SERC)	3:04 p.m.	Northern Virginia	Thunderstorms	850	253,800	9:30 p.m. June 05
06/04/08	Puerto Rico Electric Power Authority (PR)	3:14 p.m.	Island of Puerto Rico	Load Shedding/Voltage Reduction	90	100,948	3:46 p.m. June 04
06/06/08	Consumers Energy (RFC)	3:18 p.m.	Lower 2/3 of Michigan's Lower Peninsula	Lightning Storm	100	358,000	8:00 a.m. June 12
06/08/08	Exelon Corporation-ComEd (RFC)	9:30 a.m.	The Entire ComEd Territory	Severe Weather	N/A	125,000	7:00 a.m. June 09
06/08/08	Detroit Edison Company-DTE (RFC)	6:00 p.m.	Southwestern Michigan (DECO Service Territory)	Severe Storm	500	150,000	11:30 p.m. June 16
06/09/08	Entergy Services, Inc. (SERC)	2:00 p.m.	Entergy System	Inadequate Electric Resources to Serve Load	300	19	7:00 p.m. June 09
06/09/08	Public Service Electric and Gas (RFC)	2:52 p.m.	Area Around West Orange Switching Station, New Jersey	Fire/Breaker Failure	215	75,654	8:25 p.m. June 09
06/10/08	National Grid (NPCC)	11:00 a.m.	Upstate New York	Severe Storm	400	68,000	5:30 p.m. June 13
06/10/08	Entergy Services, Inc. (SERC)	2:00 p.m.	Entergy System	Inadequate Electric Resources to Serve Load	300	19	6:00 p.m. June 10
06/10/08	Public Service Electric and Gas (RFC)	6:00 p.m.	Bergen, Essex and Hudson Counties, New Jersey	Severe Storms	N/A	248,800	11:30 a.m. June 14
06/10/08	PECO Energy (RFC)	7:00 p.m.	Chester, Montgomery, Delaware, Philadelphia and Bucks County, Pennsylvania	Severe Thunderstorms	N/A	198,000	3:59 p.m. June 14
06/10/08	ISO New England (NPCC)	11:00 p.m.	All Six New England States	Storm	50	60,000	9:00 a.m. June 11
06/11/08	New York Independent System Operator (NPCC)	1:15 p.m.	New York State	Uncontrolled Loss	200	61,000	2:05 p.m. June 11

Table B.1. Major Disturbances and Unusual Occurrences, Year-to-Date through November 2008

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹	Restoration Date/Time
06/12/08	Midwest ISO, ITC, ALTW (RFC)	3:30 p.m.	East Central Iowa	Flooding and Uncontrolled Loss	200	21,000	4:00 p.m. June 18
06/15/08	Exelon Corporation-ComEd (RFC)	8:00 a.m.	The Entire ComEd Territory	Severe Weather	N/A	165,000	8:00 p.m. June 15
06/15/08	Crawfordsville Electric Light and Power (RFC)	7:06 p.m.	City of Crawfordsville, Indiana	Electrical System Separation	57	9,700	8:42 p.m. June 15
06/16/08	Dominion-Virginia Power (SERC)	4:15 p.m.	Northern Virginia	Thunderstorms	800-1,000	115,000	11:19 p.m. June 16
06/17/08	Oncor Electric Delivery Company LLC (TRE)	9:01 a.m.	North, Central and East Texas	Severe Thunderstorms	N/A	234,393	8:30 p.m. June 19
06/17/08	Southwestern Public Service Company (SPP)	8:35 p.m.	Southwestern Public Service Company Operating in the Panhandle of Texas and New Mexico	Electrical System Separation/Severe Thunderstorms	560	18,000	1:55 a.m. June 18
06/17/08	Golden Spread Electric Cooperative, Inc (TRE)	8:40 p.m.	Texas Panhandle and Texas South Plains Regions, and Oklahoma Panhandle	Thunderstorms/Unc controlled Loss of Load	276	37,330	11:00 p.m. June 17
06/21/08	Pacific Gas and Electric Company (WECC)	3:09 p.m.	Near Rogers Flat, California	Electrical System Separation/Severe Lightning Storms	3	477	6:53 p.m. June 21
06/22/08	Northern Indiana Public Service Company (RFC)	4:55 p.m.	Northwest Indiana	Lightning Strike/Uncontrolled Loss of Load	650	N/A	5:05 p.m. June 22
06/23/08	Northern Indiana Public Service Company (RFC)	1:44 p.m.	Northcentral Indiana	Fire/Breaker Failure	425	N/A	1:45 p.m. June 23
06/23/08	Progress Energy Florida (FRCC)	4:52 p.m.	Pinellas County, Florida	Transmission Equipment Failure/Load Shedding	113	32,593	11:28 p.m. June 23
06/26/08	Detroit Edison Company-DTE (RFC)	5:00 p.m.	Southeastern Michigan (DTE Service Territory)	Thunderstorms	N/A	53,000	9:30 p.m. June 26
06/27/08	Omaha Public Power District (MRO)	4:30 p.m.	Omaha, Nebraska (Metro Area)	Severe Wind Storm	650	126,000	5:30 p.m. June 27
July							
07/01/08	Crockett Cogeneration (WECC)	7:31 a.m.	San Francisco Bay Area, California	Unit Tripped	160	-	12:00 p.m. July 01
07/02/08	Consumers Energy (RFC)	3:00 p.m.	Lower 2/3 of Michigan's Lower Peninsula	Severe Weather	125	239,663	12:00 p.m. July 06
07/02/08	State of California, Department of Water Resources (WECC)	4:00 p.m.	Restricted Hydroelectric Capability	Fuel Supply Deficiency	-	-	Ongoing
07/02/08	California ISO (WECC)	7:16 p.m.	Santa Barbara County, California, near Goleta	Wild Land Fire	208	200,000	11:28 p.m. July 02
07/02/08	Southern California Edison (WECC)	7:36 p.m.	Goleta and Santa Barbara Areas of Southern California	Brush Fire/Lines Loss/Transmission Emergency Declared	119	37,784	1:10 a.m. July 03
07/02/08	Detroit Edison Company-DTE (RFC)	8:00 p.m.	Southeastern Michigan (DTE Service Territory)	Thunderstorms	N/A	56,000	3:00 a.m. July 03
07/07/08	California ISO (WECC)	12:15 p.m.	ISO Balancing Area	Heat Wave/Potential Fire Threat/Made Public Appeals	0	0	5:00 p.m. July 10
07/10/08	Crockett Cogeneration (WECC)	2:22 p.m.	San Francisco Bay Area, California	Unit Tripped	240	-	5:21 p.m. July 10
07/21/08	MidAmerician Energy Company (MRO)	12:49 a.m.	Sioux City, Carroll, Des Moines, Iowa City, and Davenport Iowa, Rock Island, Moline, and Surrounding Area of Illinois	Storm	170	185,000	6:00 p.m. July 22
07/22/08	Duke Energy Indiana (RFC)	3:00 a.m.	Indiana	Severe Thunderstorms	N/A	58,000	7:32 p.m. July 24
07/22/08	Duke Energy Ohio (RFC)	3:00 a.m.	Southwest Ohio	Severe Thunderstorms	N/A	56,000	3:30 a.m. July 23
07/22/08	Southwestern Public Service Company (SPP)	2:00 p.m.	Texas Panhandle and Southeastern New Mexico	Inadequate Electric Resources to Serve Load/Public Appeal	N/A	-	5:09 a.m. July 24
07/23/08	American Electric Power (TRE)	5:56 a.m.	Port Isabel, Harlingen, Weslaco, Pharr, San Benito, Mission, McAllen, Edinburg, Texas	Hurricane Dolly	703	211,266	4:00 a.m. July 31

Table B.1. Major Disturbances and Unusual Occurrences, Year-to-Date through November 2008

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹	Restoration Date/Time
07/24/08	ISO New England (NPCC)	7:23 a.m.	Bangor Hydro System, northern Maine	Electric System Separation/Severe Lightning Storms	180	110,000	5:41 p.m. July 24
August							
08/02/08	Southern Company (SERC)	8:00 p.m.	Georgia and Alabama	Severe Thunderstorms	400	131,115	5:30 a.m. August 03
08/03/08	Entergy Corporation (SERC)	1:30 a.m.	Mississippi, Louisiana, Texas	Severe Thunderstorms	N/A	59,500	4:15 a.m. August 03
08/04/08	Exelon Corporation West ComEd (RFC)	6:00 p.m.	The ComEd Territory	Severe Weather	N/A	653,000	8:00 a.m. August 06
08/05/08	Northern Indiana Public Service Company (RFC)	3:00 a.m.	Northwest Indiana	Severe Storms	0	63,000	9:50 a.m. August 05
08/09/08	XCEL (Southwest Public Service Company) (SPP)	12:00 p.m.	Texas Panhandle and Eastern New Mexico	Declared Energy Emergency Alert 1/Made Public Appeals	0	0	8:46 p.m. August 09
08/15/08	Seattle City Light (WECC)	12:52 p.m.	Part of Seattle's Downtown	Made Public Appeals	100	8,000	5:00 p.m. August 15
08/16/08	Lubbock Power and Light (TRE)	5:23 a.m.	City of Lubbock	Lightning/Transmission Equipment Damage	153	71,823	7:30 a.m. August 16
08/16/08	Puerto Rico Electric Power Authority (PR)	8:14 a.m.	Island of Puerto Rico	Shed Firm Load/Voltage Reduction	300	200,000	3:00 p.m. August 16
08/18/08	Puerto Rico Electric Power Authority (PR)	7:22 p.m.	North Part of Island	Shed Firm Load	225	100,000	6:44 p.m. August 19
08/19/08	Florida Power and Light (FRCC)	9:29 a.m.	Florida	Tropical Storm Fay	N/A	101,950	10:00 p.m. August 22
08/21/08	Progress Energy Florida (FRCC)	7:00 p.m.	Alachua, Bay, Brevard, Citrus, Columbia, Dixie, Flagler, Franklin, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highlands, Jefferson, Lafayette, Lake, Leon, Levy, Madison, Marion, Orange, Osceola, Pasco, Pinellas, Polk, Seminole, Sumter, Suwannee, Taylor, Volusia and Wakulla Counties in Florida	Tropical Storm Fay	N/A	430,000	8:00 a.m. August 25
08/22/08	Mirant Chalk Point LLC (RFC)	12:00 p.m.	-	Fuel Supply Emergency-Low Coal Inventory Levels	0	0	12:00 p.m. August 23
08/24/08	Southern Company (SERC)	4:30 a.m.	Georgia and Alabama	Tropical Storm Fay	110	87,390	2:00 p.m. August 24
08/31/08	Dow Chemical Company (SERC)	7:30 a.m.	Plaquemine, Louisiana	Fuel Supply Curtailed	200	0	9:00 a.m. September 19
08/31/08	Entergy Corporation (SERC)	7:00 p.m.	Louisiana, Mississippi, Arkansas	Hurricane Gustav	N/A	964,000	9:00 a.m. September 03
September							
09/01/08	Louisiana Generating LLC (SERC)	10:30 a.m.	Primarily South and Central Louisiana	Hurricane Gustav	400	150,000	7:22 p.m. September 13
09/01/08	Cleco Power LLC (SERC)	11:45 a.m.	Bayou Division and North Lake Division, Louisiana	Hurricane Gustav	N/A	246,092	4:00 p.m. September 10
09/06/08	Progress Energy Carolinas (SERC)	7:45 a.m.	Eastern North Carolina	Tropical Storm Hanna	N/A	57,000	10:30 a.m. September 06
09/06/08	Dominion-Virginia Power (SERC)	2:15 p.m.	North East North Carolina and Virginia	Tropical Storm Hanna	220	64,463	4:06 p.m. September 06
09/08/08	State of California, Department of Water Resources (WECC)	10:03 p.m.	A.D. Edmonston Pumping Plant	Fuel Supply Deficiency	300	0	12:28 a.m. September 09
09/12/08	Entergy Corporation (SERC)	5:45 a.m.	Primarily Southeast Texas, Louisiana, and Arkansas	Hurricane Ike	N/A	705,000	1:00 p.m. September 14
09/12/08	CenterPoint Energy (TRE)	6:21 p.m.	Greater Houston-Galveston Metro Area	Hurricane Ike	8,087	2,142,678	11:59 p.m. October 01
09/12/08	Electric Reliability Council of Texas (TRE)	6:21 p.m.	Greater Houston Area-Eastern Region of ERCOT	Hurricane Ike	N/A	2,504,366	11:59 p.m. October 01
09/12/08	Texas New Mexico Power Company (TRE)	8:00 p.m.	Galveston and Brazoria Counties	Hurricane Ike	650	113,247	7:00 p.m. September 27
09/13/08	Louisiana Generating LLC (SERC)	10:24 a.m.	Southwest Louisiana	Hurricane Ike	40	50,000	2:40 p.m. September 27

Table B.1. Major Disturbances and Unusual Occurrences, Year-to-Date through November 2008

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹	Restoration Date/Time
09/13/08	Oncor Electric Delivery Company LLC (TRE)	12:00 p.m.	North, Central and East Texas	Hurricane Ike	N/A	238,392	8:00 a.m. September 15
09/13/08	American Electric Power CSWS (SPP)	4:00 p.m.	Texas and Louisiana	Hurricane Ike	N/A	184,501	7:44 p.m. September 16
09/14/08	Midwest ISO (RFC)	6:30 a.m.	Ohio, Kentucky, Indiana	Tropical Depression Ike	N/A	875,000	2:38 p.m. September 14
09/14/08	Ameren Corporation (MRO)	7:30 a.m.	Missouri and Illinois	Hurricane Ike	N/A	107,000	3:00 p.m. September 18
09/14/08	Owensboro Municipal Utilities (RFC)	10:01 a.m.	City of Owensboro, Kentucky	High Winds	70	18,000	5:00 p.m. September 21
09/14/08	Louisville Gas/Kentucky Utilities (RFC)	11:30 a.m.	State of Kentucky	Tropical Depression Ike	N/A	375,000	4:30 p.m. September 14
09/14/08	Dayton Power and Light (RFC)	2:00 p.m.	Dayton Ohio Area	Hurricane Ike	1,000	95,000	12:00 p.m. September 17
09/14/08	American Electric Company (RFC)	4:00 p.m.	Northern Indiana, Central and Central Southern Ohio	Wind Storm	N/A	650,000	11:00 p.m. September 20
09/14/08	Cleveland Electric Illuminating Company (RFC)	5:00 p.m.	Northeast Ohio	Wind Storm	430	245,164	3:20 a.m. September 22
09/14/08	Pennsylvania Electric Company (RFC)	5:00 p.m.	Western Pennsylvania	Wind Storm	72	124,596	12:38 p.m. September 19
09/14/08	Ohio Edison Company (RFC)	5:00 p.m.	Southern, Eastern, and Central Ohio	Wind Storm	469	564,728	5:11 p.m. September 22
09/14/08	Duquesne Light Company (RFC)	7:00 p.m.	Allegheny and Beaver Counties in Pennsylvania	Tropical Depression Ike	600	105,000	11:59 p.m. September 14
09/15/08	Allegheny Power (RFC)	12:37 a.m.	Western Pennsylvania	Tropical Depression Ike	546	160,875	4:30 p.m. September 19
09/22/08	Puerto Rico Electric Power Authority (PR)	5:49 p.m.	Island of Puerto Rico	Shed Firm Load	125	43,600	6:39 a.m. September 22
09/30/08	Pacific Gas and Electric Company (WECC)	2:02 p.m.	Plumas County, California	Electrical System Separation	30	10,000	2:05 p.m. September 30
October							
10/02/08	Dow Chemical Company (SERC)	2:50 p.m.	Louisiana	Load Shedding	200	0	9:50 a.m. October 02
10/25/08	ISO New England (NPCC)	11:00 p.m.	Connecticut	Severe Storm	N/A	52,000	7:00 a.m. October 27
November							
11/07/08	Southern California Edison (WECC)	11:13 a.m.	Goleta and Santa Barbara Areas of Southern California	Load Shedding	250	140,000	11:54 a.m. November 07
11/07/08	California ISO (WECC)	11:15 a.m.	Southern California	Load Shedding	430	400,000	11:54 a.m. November 07
11/11/08	Puerto Rico Electric Power Authority (PR)	8:30 a.m.	Island of Puerto Rico	Shed Firm Load	250	261,000	12:19 a.m. November 11
11/15/08	Los Angeles Department of Water and Power (WECC)	9:39 a.m.	City of Los Angeles	Brush Fire/Shed Firm Load	211	115,500	10:10 a.m. November 15

Note: Estimates for 2008 are preliminary.

Source: Form OE-417, "Electric Emergency Incident and Disturbance Report."

Table B.2. Major Disturbances and Unusual Occurrences, Year-to-Date through December 2007

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹	Restoration Date/Time
January							
01/05/07	Puerto Rico Electric Power Authority (PR)	10:44 a.m.	Island of Puerto Rico	Voltage Reduction	0	0	11:13 a.m. January 05
01/13/07	Ameren Corporation (MRO)	5:00 a.m.	Missouri and Illinois	Ice Storm	N/A	225,000	12:00 p.m. January 19
01/13/07	DTE Energy (Detroit Edison) (RFC)	7:30 a.m.	Eastern and Lower Michigan	Ice Storm	500	129,607	4:00 p.m. January 19
01/16/07	Snohomish County PUD No. 1 (WECC)	2:00 a.m.	Snohomish County, Washington	Major Windstorm	260	110,433	12:00 a.m. January 17
February							
02/13/07	Duke Energy Midwest (RFC)	2:00 p.m.	Indiana and Southwest Ohio	Ice/Wind Storm	250	367,500	12:00 a.m. February 16
02/13/07	Baltimore Gas and Electric Company (RFC)	5:00 p.m.	Central Maryland	Winter Storm	400	155,183	5:30 a.m. February 17
02/24/07	MidAmerican Energy Company (MRO)	4:00 p.m.	NE quarter of State of Iowa and Rock Island, Illinois	Ice Storm	210	75,000	12:57 a.m. March 04
02/24/07	Alliant Energy (MRO)	6:00 p.m.	Central Iowa and Cedar Rapids areas	Ice Storm	400	140,000	11:47 p.m. February 24
02/24/07	Midwest ISO (RFC)	7:23 p.m.	Cedar Rapids, Iowa	Ice Storm	750	215,000	12:47 a.m. February 25
02/28/07	Pacific Gas and Electric Company (WECC)	12:45 a.m.	Northern California	Winter Storm	110	671,189	8:45 p.m. March 02
March							
03/01/07	Southern Company (SERC)	9:40 p.m.	Parts of Alabama, Mississippi, Georgia, Florida	Major Storm	95	25,445	11:30 p.m. March 02
03/31/07	CenterPoint Energy (ERCOT)	7:30 a.m.	Houston, Texas	Severe Thunderstorms	179	67,000	7:00 p.m. March 31
April							
04/05/07	Central Maine Power Company (NPCC)	9:20 p.m.	Southern and Coastal Maine	Heavy Snow Storm	-	117,142	1:10 p.m. April 06
04/12/07	Los Angeles Department of Water and Power (WECC)	12:32 a.m.	City of Los Angeles, California	High Winds	200	158,977	9:02 p.m. April 12
04/12/07	Crockett Cogeneration (WECC)	9:09 a.m.	San Francisco Bay Area, California	Trip of a Unit	130	-	11:23 a.m. April 12
04/14/07	National Grid - New England (NPCC)	9:00 a.m.	Massachusetts, New Hampshire, Rhode Island	High Winds	65-80	70,000	11:00 a.m. April 14
04/16/07	Public Service New Hampshire Electric System Control Center (NPCC)	8:00 a.m.	New Hampshire	Severe Thunderstorms	-	102,568	7:00 p.m. April 16
04/16/07	Central Maine Power Company (NPCC)	10:14 a.m.	Southern and Coastal Maine	Heavy Snow Storm	-	127,545	10:18 p.m. April 18
04/16/07	Progress Energy - Carolinas, Inc. (SERC)	11:00 a.m.	North and South Carolina	High Winds	-	33,000	7:00 p.m. April 16
04/16/07	Baltimore Gas and Electric Company (RFC)	2:00 p.m.	Central Maryland - Baltimore City and surrounding Counties	Severe Thunderstorms	160	138,000	5:00 p.m. April 18
04/16/07	Dominion - Virginia Power/North Carolina (SERC)	2:04 p.m.	North, East and Central Virginia/Parts of Northeast North Carolina	High Winds	90	242,000	7:03 p.m. April 16
May							
05/02/07	Oncor Electric Delivery Company (ERCOT)	1:30 p.m.	North Texas, Dallas Fort Worth Metroplex and Surrounding Counties, South to Waco and North to Red River	Severe Storms	-	300,000	8:00 p.m. May 03
05/10/07	Crockett Cogeneration (WECC)	9:57 a.m.	San Francisco Bay Area, California	Unit Tripped	150	-	1:47 p.m. May 10
05/14/07	Crockett Cogeneration (WECC)	11:15 a.m.	San Francisco Bay Area, California	Unit Tripped	150	-	1:50 p.m. May 14
05/15/07	DTE Energy (Detroit Edison) (RFC)	3:00 p.m.	Southeastern Michigan	Severe Thunderstorms	500	66,000	7:00 a.m. May 17
05/16/07	Northeast Utilities (NPCC)	6:00 p.m.	All of Connecticut	Severe Storm	-	67,000	5:00 a.m. May 19
05/21/07	Crockett Cogeneration (WECC)	1:48 p.m.	San Francisco Bay Area, California	Unit Tripped	140	-	4:50 p.m. May 21
June							
06/01/07	State of California, Department of Water Resources (WECC)	1:00 p.m.	Restricted Hydroelectric Capability	Fuel Supply Deficiency	-	-	Ongoing
06/05/07	Idaho Power Company (WECC)	10:56 a.m.	Southwest Idaho and Eastern Oregon	Load Shedding	424	80,000	11:51 a.m. June 05
06/27/07	Consolidated Edison of NY Inc (NPCC)	3:41 p.m.	Northern Manhattan NY (Yorkville) and SW Bronx (Motthaven, Melrose, High Bridge Sections)	Lightning	460	137,000	4:30 p.m. June 27

Table B.2. Major Disturbances and Unusual Occurrences, Year-to-Date through December 2007

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹	Restoration Date/Time
06/27/07	New York Independent System Operator (NPCC)	3:42 p.m.	New York State	Loss of Load	460	-	4:30 p.m. June 27
06/29/07	Salt River Project (WECC)	9:23 a.m.	Metropolitan Phoenix Area	Loss of Load	399	98,700	10:09 a.m. June 29
July							
07/03/07	California Independent System Operator (WECC)	10:59 a.m.	CAISO Controlled Grid	Public Appeal	N/A	N/A	6:00 p.m. July 05
07/05/07	DTE Energy (Detroit Edison) (RFC)	7:00 p.m.	Southeastern Michigan	Severe Storm	-	69,000	7:00 a.m. July 08
07/06/07	Idaho Power Company (WECC)	5:18 p.m.	Southeast Idaho and Eastern Oregon	Electrical Separation/Load Shedding/Made Public Appeal	60	0	6:20 p.m. July 06
07/10/07	National Grid - NY (NPCC)	11:00 a.m.	Eastern New York	Major Storms	650	300,000	6:00 a.m. July 12
07/16/07	PacifiCorp (WECC)	4:17 p.m.	St. George, Utah	Fire/Load Shedding	306	-	9:00 p.m. July 16
07/18/07	Exelon Corporation West ComEd (RFC)	6:00 p.m.	Northern Counties of Illinois	Severe Weather	300	135,000	2:00 a.m. July 19
07/19/07	DTE Energy (Detroit Edison) (RFC)	3:00 p.m.	Southwestern Region of Service Territory	Major Storm	-	60,000	11:30 p.m. July 22
07/19/07	Dominion - Virginia Power/North Carolina Power (SERC)	3:50 p.m.	North, East and Central Virginia	Major Storms	72	107,000	10:15 p.m. July 19
August							
08/08/07	Progress Energy - Carolinas, Inc. (SERC)	1:00 p.m.	Portions of North Carolina and South Carolina	Made Public Appeal	N/A	N/A	9:00 p.m. August 08
08/08/07	PJM Interconnection (RFC)	3:56 p.m.	Mid-Atlantic Region of PJM	Voltage Reduction/Made Public Appeal	N/A	N/A	5:59 p.m. August 08
08/09/07	Progress Energy - Carolinas, Inc. (SERC)	12:45 p.m.	Portions of North Carolina and South Carolina	Made Public Appeal	N/A	N/A	9:00 p.m. August 09
08/09/07	Duquesne Light Company (RFC)	2:53 p.m.	Highland Area of Pittsburgh, Pennsylvania	Severe Thunderstorms	90	55,000	4:11 p.m. August 09
08/10/07	Progress Energy - Carolinas, Inc. (SERC)	12:20 p.m.	Portions of North Carolina and South Carolina	Made Public Appeal	N/A	N/A	9:00 p.m. August 10
08/13/07	Ameren Corporation (SERC)	1:30 a.m.	State of Missouri	Severe Thunderstorm	N/A	63,000	12:00 a.m. August 14
08/14/07	American Electric Power (CSWS) (SPP)	2:00 p.m.	CSWS Control Area of Southwest Power Pool Parts of Oklahoma, Texas, Louisiana, Arkansas	Declared Energy Emergency Alert2/Heat Wave	20	-	6:00 p.m. August 14
08/16/07	Dominion Virginia Power (SERC)	9:30 p.m.	Virginia and Eastern North Carolina - Primarily in Central Virginia	Severe Weather	200	93,300	10:49 p.m. August 17
08/19/07	Dominion Virginia Power (SERC)	11:34 p.m.	Central and Eastern Virginia	Severe Thunderstorms	100	58,500	1:10 a.m. August 20
08/23/07	Exelon Corporation West ComEd (RFC)	4:00 p.m.	Northern Illinois	Severe Storms	N/A	629,590	10:49 p.m. August 28
08/24/07	DTE Energy (Detroit Edison) (RFC)	6:00 p.m.	Southeastern Michigan	Severe Storm	N/A	75,000	6:30 a.m. August 28
08/29/07	Modesto Irrigation District (WECC)	1:53 p.m.	Modesto California and the Surrounding Areas	Shed Load	180	26,000	2:57 p.m. August 29
08/29/07	California Independent System Operator (WECC)	4:00 p.m.	CAISO Controlled Grid	Made Public Appeal	N/A	N/A	6:00 p.m. August 30
08/31/07	California Independent System Operator (WECC)	12:45 p.m.	CAISO Controlled Grid	Declared Energy Emergency Alert 1/Heat wave	N/A	N/A	8:00 p.m. August 31
September							
09/03/07	San Diego Gas and Electric Company (WECC)	12:30 p.m.	San Diego County, Southern Orange County, California	High Temperatures/Made Public Appeals	N/A	N/A	5:30 p.m. September 03
09/04/07	San Diego Gas and Electric Company (WECC)	8:30 a.m.	San Diego County, Southern Orange County, California	High Temperatures/Made Public Appeals	N/A	N/A	3:30 p.m. September 04
09/05/07	Luminant Energy Company, LLC (ERCOT)	7:53 a.m.	Central Texas, ERCOT Grid	Severe Weather/Transmission Fault-Units Tripped	1,084	N/A	1:11 p.m. September 05
09/06/07	State of California, Department of Water Resources (WECC)	8:00 p.m.	Hydro Electric System	Fuel Supply Deficiency	N/A	N/A	Ongoing
09/13/07	Entergy Corporation (SPP)	4:00 a.m.	Between Galveston and Beaumont, Texas	Hurricane Humberto	N/A	118,000	7:00 a.m. September 14

Table B.2. Major Disturbances and Unusual Occurrences, Year-to-Date through December 2007

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹	Restoration Date/Time
09/17/07	Crawfordsville Electric Light and Power (RFC)	7:01 p.m.	City of Crawfordsville, Indiana	Electrical System Separation	50	9,600	7:48 p.m. September 17
09/18/07	Northern States Power Company (MRO)	5:14 a.m.	Minnesota, Wisconsin, North Dakota, South Dakota and Michigan	Electrical System Separation/Load Shedding/ Implemented Emergency Alert/Severe Storms	16	6,000	6:10 a.m. September 18
09/18/07	Great River Energy (MRO)	5:15 a.m.	Minnesota, North Dakota, Manitoba	Electrical System Separation/Load Shedding/ Implemented Emergency Alert/Severe Storms	8,000-10,000	GRE (1,900) Total 11,175	6:30 a.m. September 18
09/18/07	Midwest ISO (RFC)	5:15 a.m.	Manitoba, Minnesota, North Dakota, Portions of South Dakota and Wisconsin. Midwest ISO's Market subregions: OTP, NSP, GRE, ALTW, MP	Electrical System Separation/Load Shedding/ Implemented Emergency Alert/Severe Storms	8,000-10,000	11,175	12:00 a.m. September 18
09/24/07	New Covert Generating Company, LLC (RFC)	1:38 p.m.	Southwest Michigan	Unit Tripped	320	N/A	4:26 p.m. September 24
October							
10/18/07	Puget Sound Energy (WECC)	3:00 p.m.	Western Washington	High Winds	N/A	160,000	11:36 a.m. October 22
10/22/07	Southern California Edison Company (WECC)	2:01 p.m.	Southern California	Brush Fire/Load Shedding/Implemented Emergency Alert	451	90,323	2:22 p.m. October 22
10/22/07	California Independent System Operator (WECC)	2:05 p.m.	Southern California	Brush Fire/Load Shedding	700	300,000	2:22 p.m. October 22
10/22/07	San Diego Gas and Electric Company (WECC)	2:06 p.m.	San Diego County, California	Brush Fire/Load Shedding	199	68,780	2:43 p.m. October 22
10/26/07	Southern California Edison Company (WECC)	6:44 a.m.	Southern California	Brush Fire/Load Shedding	280	20,345	10:46 a.m. October 26
10/26/07	City of Riverside (WECC)	6:44 a.m.	Riverside, California	Load Shedding	240	104,000	10:43 a.m. October 26
November							
11/03/07	ISO New England (NPCC)	6:00 p.m.	Eastern Massachusetts, Rhode Island, Cape Cod	Tropical Storm	100	62,843	6:00 a.m. November 04
December							
12/01/07	ISO New England (NPCC)	6:04 p.m.	State of Maine	Voltage Reduction/Made Public Appeal/Fuel Deficiency	0	0	10:00 p.m. December 02
12/04/07	Puerto Rico Electric Power Authority (PR)	2:16 p.m.	Island of Puerto Rico	Voltage Reduction	0	0	5:53 p.m. December 04
12/10/07	American Electric Power (SPP)	3:08 a.m.	Tulsa, Oklahoma	Ice Storm	N/A	256,663	8:00 a.m. December 19
12/11/07	Westar Energy (MRO)	4:00 a.m.	Eastern half of the State of Kansas	Ice Storm	500	95,000	3:30 p.m. December 20
12/11/07	Puerto Rico Electric Power Authority (PR)	8:57 p.m.	Island of Puerto Rico	Voltage Reduction	0	0	9:22 p.m. December 11
12/23/07	Exelon Corporation West ComEd (RFC)	1:00 a.m.	The Entire ComEd Service Territory	Severe Storm	N/A	237,000	9:00 p.m. December 23
12/23/07	Consumers Energy (RFC)	5:30 a.m.	Lower 2/3 of Michigan Lower Peninsula	Winter Storm	50	134,288	6:07 p.m. December 25

¹ Estimated values.

Note: Estimates for 2007 are final.

Source: Form OE-417, "Electric Emergency Incident and Disturbance Report."

Technical Notes

The Energy Information Administration (EIA) periodically reviews and revises how it collects, estimates, and reports data pertaining to the electric power industry. These Technical Notes describe current data quality efforts and measures as well as each active survey form contributing to the data published in the *Electric Power Monthly (EPM)*.

Data Quality

The *EPM* is prepared by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF), Energy Information Administration (EIA), U.S. Department of Energy. Quality statistics begin with the collection of the correct data. To assure this, CNEAF performs routine reviews of the data collected and the forms on which it is collected. Additionally, to assure that the data are collected from the correct parties, CNEAF routinely reviews the frames for each data collection.

Automatic, computerized verification of keyed input, review by subject matter specialists, and follow-up with nonrespondents assure quality statistics. To ensure the quality standards established by the EIA, formulas that use the past history of data values in the database have been designed and implemented to check data input for errors automatically. Data values that fall outside the ranges prescribed in the formulas are verified by telephoning respondents to resolve any discrepancies. All survey nonrespondents are identified and contacted.

Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Non-sampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results is determined by the joint effects of sampling and nonsampling errors. Monthly sample survey data have both sampling and nonsampling error. Annual survey data are collected by a census and are not subject to sampling error.

Nonsampling 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 obtained; and (6) other errors of collection, response, coverage, and estimation for missing data. Note that for the cutoff sampling and model-based regression (ratio) estimation that we use, data ‘missing’ due to

nonresponse, and data ‘missing’ due to being out-of-sample are treated in the same manner. Therefore missing data may be considered to result in sampling error, and variance estimates reflect all missing data.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. See the Data Processing and Data System Editing section for each EIA Form for an in depth discussion of how the sampling and nonsampling errors are handled in each case^{2,3,5,14,15,19,25}.

Relative Standard Error. The relative standard error (RSE) statistic, usually given as a percent, describes the magnitude of sampling error that might reasonably be incurred^{11,14,17}. The RSE is the square root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables, or a single variable¹².

The sampling error may be less than the nonsampling error. In fact, large RSE estimates found in preliminary work with these data have often indicated nonsampling errors, which were then identified and corrected. Nonsampling errors may be attributed to many sources, including the response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, or coverage. These nonsampling errors also occur in complete censuses. In a complete census, this problem may become unmanageable.

Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approximately a 68-percent chance that the true total or mean is within one RSE of the estimated total or mean. Note that reported RSEs are always estimates themselves, and are usually, as here, reported as percents. As an example, suppose that a net generation from coal value is estimated to be 1,507 million kilowatthours with an estimated RSE of 4.9 percent. This means that, ignoring any nonsampling error, there is approximately a 68-percent chance that the true million kilowatthour value is within approximately 4.9 percent of 1,507 million kilowatthours (that is, between 1,433 and 1,581 million kilowatthours). Also under the Central Limit Theorem, there is approximately a 95-percent chance that the true mean or total is within 2 RSEs of the estimated mean or total.

Note that there are times when a model may not apply, such as in the case of a substantial reclassification of sales, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information may represent only itself, and such numbers

are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed. Experiments were done to see if nonresponse should be treated differently, but it was decided to treat those cases the same as out-of-sample cases^{14, 18, 23}.

Relative Standard Error With Respect to a Superpopulation. The RSESP statistic is similar to the RSE (described above). Like the RSE, it is a statistic designed to estimate the variability of data and is usually given as a percent. However, where the RSE is only designed to estimate the magnitude of sampling error, the RSESP more fully reflects the impact of variability from both sampling and non-sampling errors^{15, 16, 17, 20}. This is a more complete measure than RSE in that it can measure statistical variability in a complete census in addition to a sample^{17, 20}. In addition to being a measure of data variability, the RSESP can also be useful in comparing different models that are applied to the same set of data¹⁸. This capability is used to test different regression models for imputation and prediction. This testing may include considerations such as comparing different regressors, the comparative reliability of different monthly samples, or the use of different geographical strata or groupings for a given model. For testing purposes, CNEAF typically uses recent historical data that have been finalized. Typically, time-series graphics showing two or more models or samples are generated showing the RSESP values over time. In selecting models, consideration is given to total survey error as well as any apparent differences in robustness¹⁴.

Imputation. For monthly data, if the reported values appeared to be in error and the data issue could not be resolved with the respondent, or if the facility was a nonrespondent, a regression methodology is used to impute for the facility^{11, 12, 18, 19, 21}. The same procedure is used to estimate ("predict") data for facilities not in the monthly sample. The regression methodology relies on other data to make estimates for erroneous or missing responses.

The basic technique employed is described in the paper "Model-Based Sampling and Inference¹²," on the EIA website. Additional references can be found on the InterStat website. The basis for the current methodology involves a 'borrowing of strength' technique for small domains^{11, 13, 14}.

Data Revision Procedure

CNEAF has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

- Annual survey data are disseminated either as preliminary or final when first appearing in a data product. Data initially released as preliminary will be so noted in the data product. These data are typically released as final by the next dissemination of the same product; however, if

final data are available at an earlier interval they may be released in another product.

- All monthly survey data are first disseminated as preliminary. These data are revised only after the completion of the 12-month cycle of the data. No revisions are made to the published data before this unless significant errors are discovered.
- 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.

In accordance with the policy statement above, the mean absolute value for the 12 monthly revisions of each item are provided at the U.S. level for the years 2004 through 2006 (Table C2). For example, the mean (in percentage terms) of the 12 monthly absolute differences between preliminary and final monthly data for coal-fired generation in 2006 was 0.19. That is, on average, the mean absolute value of the change made each month to coal-fired generation was 0.19 percent.

Data Sources For Electric Power Monthly

Data published in the *Electric Power Monthly (EPM)* are compiled from the following sources: Form EIA-923, "Power Plant Operations Report," Form EIA-826, "Monthly Electric Utility Sales and Revenues with State Distributions Report," Form EIA-860, "Annual Electric Generator Report," Form EIA-860M, "Monthly Update to the Annual Electric Generator Report," and Form EIA-861, "Annual Electric Power Industry Report." For access to these forms and their instructions, please see: <http://www.eia.doe.gov/cneaf/electricity/page/forms.html>.

In addition to the above-named forms, the historical data published in the *EPM* for periods prior to 2008 are compiled from the following sources: FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," Form EIA-759, "Monthly Power Plant Report," Form EIA-860A, "Annual Electric Generator Report-Utility," Form EIA-860B, "Annual Electric Generator Report-Nonutility," Form EIA-900, "Monthly Nonutility Power Report," Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report." See Appendix A of the historical Electric Power Annuals to find

descriptions of forms that are no longer in use. The publications are located at:

<http://www.eia.doe.gov/cneaf/electricity/epa/backissues.html>

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

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

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

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

Form EIA-826

The Form EIA-826, “Monthly Electric Utility Sales and Revenues with State Distributions Report,” is a monthly collection of data from a sample of approximately 450 of the largest electric utilities (primarily investor-owned and publicly owned) as well as a census of energy service providers with retail sales in deregulated States. Form EIA-861, with approximately 3,300 respondents, serves as a frame from which the Form 826 sample is drawn. Based on this sample, a model is used to estimate for the entire universe of U.S. electric utilities.

Instrument and Design History. The collection of electric power sales data and related information began in the early 1940’s and was established as FPC Form 5 by FPC Order 141 in 1947. In 1980, the report was revised with only selected income items remaining and became the FERC Form 5. The Form EIA-826, “Electric Utility Company Monthly Statement,” replaced the FERC Form 5 in January 1983. In January 1987, the “Electric Utility Company Monthly Statement” was changed to the “Monthly Electric Utility Sales and Revenue Report with State Distributions.” The title was changed again in January 2002 to “Monthly Electric Utility Sales and Revenues with State Distributions Report” to become consistent with other EIA report titles. The Form EIA-826 was revised in January 1990, and some data elements were eliminated.

In 1993, EIA for the first time used a model sample for the Form EIA-826. A stratified random sample, employing auxiliary data, was used for each of the four previous years^{6,7,8,9}. The sample for the Form EIA-826 was designed to obtain estimates of electricity sales and average retail price of electricity at the State level by end-use sector.

Starting with data for January 2001, the restructuring of the electric power industry was taken into account by forming three schedules on the Form EIA-826. Schedule 1, Part A is for full service utilities that operate as in the past. Schedule 1, Part B is for electric service providers only, and Schedule 1, Part C is for those utilities providing

distribution service for those on Schedule 1, Part B. In addition, Schedule 1 Part D is for those retail energy providers or power marketers that provide bundled service. Also, the Form EIA-826 frame was modified to include all investor-owned electric utilities and a sample of companies from other ownership classes. A new method of estimation was implemented at this same time. (See *EPM* April 2001, p.1.)

With the October 2004 issue of the Electric Power Monthly (EPM) EIA published for the first time preliminary electricity sales data for the Transportation Sector. These data are for electricity delivered to and consumed by local, regional, and metropolitan transportation systems. The data being published for the first time in the October EPM include July 2004 data as well as year-to-date. EIA’s efforts to develop these new data have identified anomalies in several States and the District of Columbia. Some of these anomalies are caused by issues such as: 1) Some respondents have classified themselves as outside the realm of the survey. The Form EIA-826 collects retail data from those respondents providing electricity and other services to the ultimate end users. EIA has experienced specific situations where, although the respondents’ customers are the ultimate end users, particular end users qualify under wholesale rate schedules. 2) The Form EIA-826 is a cutoff sample and not intended to be a census^{3,6,19}.

The legislative authority to collect these data is defined in the Federal Energy Administration Act of 1974 (Public Law 93-275, Sec. 13(b), 5(a), 5(b), 52).

Data Processing and Data System Editing. Monthly Form EIA-826 submission is available via an Internet Data Collection (IDC) system. The completed data are due to EIA by the last calendar day of the month following the reporting month. Nonrespondents are contacted to obtain the data. The data are edited and additional checks are completed. Following verification, imputation is run, and tables and text of the aggregated data are produced for inclusion in the EPM.

Imputation. Regression prediction, or imputation, is done for entities not in the monthly sample and for any nonrespondents. Regressor data for Schedule 1, Part A is the average monthly sales or revenue from the most recent finalized data from Survey Form EIA-861. Beginning with January 2008 data and the finalized 2007 dataⁱ, the regressor data for Schedule 1 Parts B and C is the prior month’s dataⁱⁱ.

Formulas and Methodologies. The Form EIA-826 data are collected by end-use sector (residential, commercial, industrial, and transportation) and state. Form EIA-861 data are used as the frame from which the sample is selected and in some instances also as regressor data. Updates are made to the frame to reflect mergers that affect data processing.

ⁱ Data from 2007 will be finalized with the publication of the *Electric Power Annual 2007*.

ⁱⁱ If a census of schedules B and C is not available for the prior month, the most recent completely censused prior month is used.

With the revised definitions for the commercial and industrial sectors to include all data previously reported as ‘other’ data except transportation, and a separate transportation sector, all responses that would formerly have been reported under the “other” sector are now to be reported under one of the sectors that currently exist. This means there is probably a lower correlation, in general, between, say, commercial Form EIA-826 data for 2004 and commercial Form EIA-861 data for 2003 than there was between commercial Form EIA-826 data for 2003 and commercial Form EIA-861 data for 2002 or earlier years, although commercial and industrial definitions have always been somewhat nebulous due to power companies not having complete information on all customers.

Data submitted for January 2004 represent the first time respondents were to provide data specifically for the transportation end-use sector.

During 2003 transportation data were collected annually through Form EIA-861. Beginning in 2004 the transportation data were collected on a monthly basis via Form EIA-826. In order to develop an estimate of the monthly transportation data for 2003, values for both retail sales of electricity to ultimate customers and revenue from retail sales of electricity to ultimate customers were estimated using the 2004 monthly profile for the sales and revenues from the data collected via Form EIA-826. All monthly non-transportation data for 2003 (i.e. street lighting, etc.), which were previously reported in the “other” end-use sector on the Form EIA-826 have been prorated into the Commercial and Industrial end-use sectors based on the 2003 Form EIA-861 profile.

A monthly distribution factor was developed for the monthly data collected in 2004 (for the months of January through November). The transportation sales and revenues for December 2004 were assumed to be equivalent to the transportation sales and revenues for November 2004. The monthly distribution factors for January through November were applied to the annual values for transportation sales and revenues collected via Form EIA-861 to develop corresponding 2003 monthly values. The eleven month estimated totals from January through November 2003 were subtracted from the annual values obtained from Form EIA-861 in order to obtain the December 2003 values.

Data from the Form EIA-826 are used to determine estimates by sector at the State, Census Division, and national level. State level sales and revenues estimates are first calculated. Then the ratio of revenue divided by sales is calculated to estimate retail price of electricity at the State level. The estimates are accumulated separately to produce the Census Division and U.S. level estimates¹³.

Some electric utilities provide service in more than one State. To facilitate the estimation, the State-service area is actually used as the sampling unit. For each State served by each utility, there is a utility State-part, or “State-service area.” This approach allows for an explicit calculation of estimates for sales, revenue, and average retail price of electricity by end-use sector at State, Census

Division, and national level. Estimation procedures include imputation to account for nonresponse. Nonsampling error must also be considered. The nonsampling error is not estimated directly, although attempts are made to minimize the nonsampling error^{11,12,13,14,15,20}.

Average retail price of electricity represents the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average retail price of electricity is calculated for all consumers and for each end-use sector.

The electric revenue used to calculate the average retail price of electricity is the operating revenue reported by the electric utility. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges. Electric utility operating revenues also include State and Federal income taxes and taxes other than income taxes paid by the utility.

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales within sectors and across sectors for all consumers, and does not reflect the per kWh rate charged by the electric utility to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric utility for providing electrical service.

Adjusting Monthly Data to Annual Data. As a final adjustment based on our most complete data, use is made of final Form EIA-861 data, when available. The annual totals for Form EIA-826 data by State and end-use sector are compared to the corresponding Form EIA-861 values for sales and revenue. The ratio of these two values in each case is then used to adjust each corresponding monthly value.

Sensitive Data (Formerly identified as Data Confidentiality). Most of the data collected on the Form EIA-826 are not considered business sensitive. However, revenue, sales, and customer data collected from energy service providers (Schedule 1, Part B), which do not also provide energy delivery, are considered business sensitive and must adhere to EIA's “Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA” (45Federal Register 59812 (1980)).

Form EIA-860

The Form EIA-860, “Annual Electric Generator Report,” is a mandatory census of all existing and planned electric power plants in the United States with a total generator nameplate capacity of 1 or more megawatts. The survey is used to collect data on existing power plants and 5-year plans for constructing new plants, generating unit additions, modifications, and retirements in existing

plants. Data on the survey are collected at the generator level. Certain power plant environmental related data are collected at the boiler level. These data include environmental equipment design parameters and boiler air emission standards and boiler emission controls. The Form EIA-860 is made available in January to collect data related to the previous year. The completed survey is due to EIA by February 15 of each year.

Instrument and Design History. The Form EIA-860 was originally implemented in January 1985 to collect data as of year-end 1984. In January 1999, the Form EIA-860 was renamed the Form EIA-860A, “Annual Electric Generator Report – Utility” and was implemented to collect data from electric utilities as of January 1, 1999. At the same time, Form EIA-867, “Annual Nonutility Power Producer Report,” was renamed Form EIA-860B, “Annual Electric Generator Report – Nonutility” to collect data from nonutilities.

Beginning with data collected for the year 2001, the infrastructure data collected on the Form EIA-860A and the Form EIA-860B were combined into the new Form EIA-860 and the monthly and annual versions of the Form EIA-906.

Beginning with data collected for the calendar year ending December 31, 2007, Form EIA-860 is revised to include the collection of boiler level data related to air emission standards and emission controls along with design parameters of associated environmental related equipment.

The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Data Processing and Data System Editing.

Approximately 2,700 respondents are requested to provide data as of December 31 on the Form EIA-860. Computer programs containing edit checks are run to identify errors. Respondents are contacted to obtain correction or clarification of reported data and to obtain missing data, as a result of the editing process.

Sensitive Data (Formerly identified as Data Confidentiality). Tested heat rate data collected on Form EIA-860 are considered sensitive and must adhere to EIA's “Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA”. Plant latitude and longitude data provided prior to 2007 are considered sensitive (45Federal Register 59812 (1980)).

Form EIA-860M

The Form EIA-860M, “Monthly Update to the Annual Electric Generator Report,” is a mandatory monthly survey that collects data on the status of proposed new generators or changes to existing generators for plants that report on Form EIA-860.

The EIA-860M has a rolling frame based upon planned changes to capacity as reported on the previous Form EIA-

860. Respondents are added to the frame 12 months prior to expected effective date for all new units or uprates to nuclear units. For all other types of capacity changes (including uprates to non-nuclear generation), respondents are added one month prior to the anticipated on-line date. Respondents are removed from the frame at the completion of the changes or if the change date is moved back so that the plant no longer qualifies to be on the frame. Typically from about 75 to 110 respondents per month are required to report for 90 to 130 plants (including 200 to 300 units) on this form. The unit characteristics of interest are changes to the previously reported on-line month and year, prime mover type, capacity, and energy sources

Instrument and Design History. The data collected on Form EIA-860M was originally collected via phone calls at the end of each month. During 2005, the Form EIA-860M was introduced as a mandatory form using the Internet Data Collection (IDC) system.

The legislative authority to collect these data is defined in the Federal Energy Administration Act of 1974 (Public Law 93-275, Sec. 13(b), 5(a), 5(b), 52).

Data Processing and Data System Editing.

Approximate 75-110 respondents are requested to provide data each month on the EIA-860M. This data is collected via the IDC system and automatically checked for certain errors. Most of the quality assurance issues are addressed by the respondents as part of the automatic edit check process. In some cases, respondents are subsequently contacted about their explanatory overrides to the edit checks.

Sensitive Data (Formerly identified as Data Confidentiality). Data collected on the Form EIA-860M are not considered to be sensitive.

Form EIA-861

The Form EIA-861, “Annual Electric Power Industry Report,” is a mandatory census of electric power industry participants in the United States. The survey is used to collect information on power production and sales data from approximately 3,300 respondents. These include electric utilities, other electricity distributors, and power marketers. The data collected are used to maintain and update the EIA's electric power industry participant frame database. These include electric utilities, other electricity distributors, and power marketers.

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

Data Processing and Data System Editing. The Form EIA-861 is made available to the respondents in January of each year to collect data as of the end of the preceding calendar year. The data are edited when entered into the interactive on-line system. Internal edit checks are per-

formed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA-861 and similar data reported on the Forms EIA-826. Respondents are telephoned to obtain clarification of reported data and to obtain missing data.

Data for the Form EIA-861 are collected at the owner level from all electric utilities including energy service providers in the United States, its territories, and Puerto Rico. Form EIA-861 data in this report are for the United States only.

Average retail price of electricity represents the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average retail price of electricity is calculated for all consumers and for each end-use sector. A ratio estimation procedure is used for estimation of retail price of electricity at the State level.

The electric revenue used to calculate the average retail price of electricity is the operating revenue reported by the electric power industry participant. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges. Electric power industry participant operating revenues also include State and Federal income taxes and taxes other than income taxes paid by the utility.

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales within sectors and across sectors for all consumers, and does not reflect the per kWh rate charged by the electric power industry participant to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric power industry participant for providing electrical service.

Sensitive Data (Formerly identified as Data Confidentiality). Data collected on the Form EIA-861 are not considered to be sensitive.

Form EIA-923

Form EIA-923, "Power Plant Operations Report," is a monthly collection of data on receipts and cost of fossil fuels, fuel stocks, generation, consumption of fuel for generation, and environmental data (e.g. emission controls and cooling systems). Data are collected from a monthly sample of approximately 1,600 plants, which includes a census of nuclear and pumped storage hydroelectric plants. In addition approximately 3,700 plants, representing all other generators 1 MW or greater, are collected annually. In addition to electric power generating plants, respondents include fuel storage terminals without generating capacity that receive shipments of fossil fuels for eventual use in electric power

generation. The monthly data are due by the last day of the month following the reporting period.

Receipts of fossil fuels, fuel cost and quality information, and fuel stocks at the end of the reporting period are all reported at the plant level. Plants that burn organic fuels and have a steam turbine capacity of at least 10 megawatts report consumption at the boiler level and generation at the generator level. For all other plants, consumption is reported at the prime-mover level. For these plants, generation is reported either at the prime-mover level or, for noncombustible sources (e.g. wind, nuclear), at the prime-mover and energy source level. The source and disposition of electricity is reported annually for nonutilities at the plant level as is revenue from sales for resale. Environmental data are collected annually from facilities that have a steam turbine capacity of at least 10 megawatts.

Instrument and Design History.

Receipts and Cost and Quality of Fossil Fuels

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.

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 above) 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 non-regulated power producers. Its design closely followed that of the FERC Form 423.

Both the Form EIA-423 and FERC-423 were superseded by Form EIA-923 (Schedule 2) in January of 2008. The EIA-923 maintains the 50 megawatt threshold for these data. However, not all data are collected monthly on the new form. Beginning with 2008 data, a sample of the

respondents will report monthly, with the remainder reporting annually (monthly values will be imputed via regression). For 2007, Schedule 2 annual data will not be collected or imputed. Most of the plants required to report on Schedule 2 already submitted their 2007 receipts data on a monthly basis.

Generation, Consumption, and Stocks

The Bureau of Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 defined the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities¹⁰. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data¹¹. In 2000, the form was modified to include the production of useful thermal output data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Forms EIA-906 and EIA-920 were superseded by survey form EIA-923 beginning in January 2008 with the collection of annual 2007 data and monthly 2008 data.

Data Processing and Data System Editing. Respondents are encouraged to enter data directly into a computerized database via the Internet Data Collection (IDC) system. A variety of automated quality control mechanisms are run during this process, such as range checks and comparisons with historical data. These edit checks were performed as the data were provided, and many problems that are encountered are resolved during the reporting process. Those plants that are unable to use the electronic reporting medium provide the data in hard copy, typically via fax. These data were manually entered into the computerized database. The data were subjected to the same edits as those that were electronically submitted.

If the reported data appeared to be in error and the data issue could not be resolved by follow up contact with the respondent, or if a facility was a nonrespondent, a regression methodology was used to impute for the facility.

Imputation. Regression prediction, or imputation, is done for all missing data including non-sampled units and any nonrespondents. Imputation is done for gross generation,

total fuel consumption, receipts of fossil fuels, cost of fossil fuel shipments, and stocks. Multiple regression is used for gross generation and total fuel consumption. For gross generation, the regressors are prior year average generation for the same fuel, prior year average generation from other fuels, and nameplate capacity. Regressors for total fuel consumption are prior year average fuel consumption from the same fuel, prior year average consumption from other fuels, and nameplate capacity. Average consumption from the previous year for the same fuel is used as the lone regressor for receipts of fossil fuels and for the cost of fossil fuel shipments. For stocks, a linear combination of the prior month's ending stocks value, and the current month's consumption and receipts values.

Several additional fields are estimated by means other than regression. These include net generation and fuel quality information such as sulfur and Btu (British thermal unit) content. Net generation is computed by a fixed ratio to gross generation by prime-mover type. For fuel quality variables, the observed state average is used for all missing records. In the event that no value is available at the state level, the national average is used. Should the national average also be unavailable, the midpoint of the acceptable range of valuesⁱⁱⁱ is used.

Receipts of Fossil Fuels. Receipts data, including cost and quality of fuels, are collected at the plant level from selected electric generating plants and fossil-fuel storage terminals in the United States. These plants include independent power producers, electric utilities, and commercial and industrial combined heat and power producers whose total fossil-fueled nameplate capacity is 50 megawatts or more (excluding storage terminals, which do not produce electricity). The data on cost and quality of fuel shipments are then used in the following formulas to produce aggregates and averages for each fuel type at the State, Census Division, and U.S. level. For these formulas, receipts and average heat content are at the plant level. For each geographic region, the summation sign, Σ , 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 foot.

ⁱⁱⁱ The ranges used are the same as are used for range checks during data collection.

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 .

Power Production, Fuel Stocks, and Fuel Consumption Data. The Bureau of Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 defined the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end user data. In 1999, the form was modified

to collect net generation, consumption, and ending stock data. In 2000, the form was modified to include the production of useful thermal output data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906

In January 2008, Form EIA-923 superseded both the EIA-906 and EIA-920 forms for the collection of these data.

Methodology to Estimate Biogenic and Non-biogenic Municipal Solid Waste. Municipal Solid Waste (MSW) consumption for generation of electric power is split into its biogenic and non-biogenic components beginning with 2001 data by the following methodology:

The tonnage of MSW consumed is reported on the Form EIA-923. The composition of MSW and categorization of the components were obtained from the Environmental Protection Agency publication, *Municipal Solid Waste in the United States: 2005 Facts and Figures*. The Btu contents of the components of MSW were obtained from various sources^{1,4,22,24}.

The potential quantities of combustible MSW discards (which include all MSW material available for combustion with energy recovery, discards to landfill, and other disposal) were multiplied by their respective Btu contents. The EPA-based categories of MSW were then classified into renewable and non-renewable groupings. From this, EIA calculated how much of the energy potentially consumed from MSW was attributed to biogenic components and how much to non-biogenic components (see Table 1 and 2, below)^v.

These values are used to allocate the net and gross generation published in the *Electric Power Monthly* and *Electric Power Annual* generation tables. The tons of biogenic and non-biogenic components were estimated with the assumption that glass and metals were removed prior to combustion. The average Btu/ton for the biogenic and non-biogenic components is estimated by dividing the total Btu consumption by the total tons. Published net generation attributed to biogenic MSW and non-biogenic MSW is classified under Other Renewables and Other, respectively

^{iv} Biogenic components include newsprint, paper, containers and packaging, leather, textiles, yard trimmings, food wastes, and wood. Non-biogenic components include plastics, rubber and other miscellaneous non-biogenic waste.

Table 1. Btu Consumption for Biogenic and Non-biogenic Municipal Solid Waste (percent)

	2001	2002	2003	2004	2005	2006
Biogenic	57	56	55	55	56	56
Non-biogenic	43	44	45	45	44	44

Table 2. Tonnage Consumption for Biogenic and Non-biogenic Municipal Solid Waste (percent)

	2001	2002	2003	2004	2005	2006
Biogenic	77	77	76	76	75	75
Non-biogenic	23	23	24	24	25	25

Useful Thermal Output. With the implementation of the Form EIA-923, “Power Plant Operations Report,” in 2008, combined heat and power (CHP) plants are required to report total fuel consumed and electric power generation^v. Beginning with the January 2008 data, EIA will estimate the allocation of the total fuel consumed at CHP plants between electric power generation and useful thermal output.

First, an efficiency factor is determined for each plant and prime mover type. Based on data for electric power generation and useful thermal output collected in 2003 (on Form EIA-906, “Power Plant Report”) efficiency was calculated for each prime mover type at a plant. The efficiency factor is the total output in Btu, including electric power and useful thermal output (UTO), divided by the total input in Btu. Electric power is converted to Btu at 3,412 Btu per kilowatt-hour.

Second, to calculate the amount of fuel for electric power, the gross generation in Btu is multiplied by the efficiency factor. The fuel for UTO is the difference between the total fuel reported and the fuel for electric power generation. UTO is calculated by multiplying the fuel for UTO by the efficiency factor.

In addition, if the total fuel reported is less than the estimated fuel for electric power generation, then the fuel for electric power generation is equal to the total fuel consumed, and the UTO will be zero.

Conversion of Petroleum Coke to Liquid Petroleum. The quantity conversion is 5 barrels (of 42 U.S. gallons each) per short ton (2,000 pounds). Coke from petroleum has a heating value of 6.024 million Btus per barrel.

Issues within Historical Data Series.

Receipts and Cost and Quality of Fossil Fuels

Values for receipts of natural gas for 2001 forward do not include blast furnace gas or other gas.

Historical data collected on FERC Form 423 and published by EIA have been reviewed for consistency

^v See the section “Issues within Historical Data Series” for information on the handling of CHP plants prior to 2008.

between volumes and prices and for their consistency over time. However, these data were collected by FERC for regulatory rather than statistical and publication purposes. EIA did not attempt to resolve any late filing issues in the FERC Form 423 data. In 2003, EIA introduced a procedure to estimate for late or non-responding entities due to report on the FERC Form 423. Due to the introduction of this procedure, 2003 and later data cannot be directly compared to previous years’ data.

Prior to 2008, regulated plants reported receipts data on the FERC Form 423. These plants, along with unregulated plants, now report receipts data on Schedule 2 of Form EIA-923. Because FERC issued waivers to Form 423 filing requirements to some plants who met certain criteria, and because not all types of generators were required to report (only steam turbines and combined-cycle units reported), a significant number of plants either did not submit fossil fuel receipts data or submitted only a portion of their fossil fuel receipts. Since Form EIA-923 does not have exemptions based on generator type or reporting waivers, receipts data from 2008 and later cannot be directly compared to previous years’ data for the regulated sector. Furthermore, there may be a notable increase in fuel receipts beginning with January 2008 data.

Generation and Consumption

Beginning in 2008, a new method of allocating fuel consumption between electric power generation and useful thermal output (UTO) was implemented. This new methodology evenly distributes a combined heat and power (CHP) plant’s losses between the two output products (electric power and UTO). In the historical data, UTO was consistently assumed to be 80 percent efficient and all other losses at the plant were allocated to electric power. This change causes the fuel for electric power to be decreased while the fuel for UTO is increased as both are given the same efficiency. This results in the appearance of an increase in efficiency of production of electric power between periods.

Sensitive Data (Formerly identified as Data Confidentiality). Most of the data collected on the Form EIA-923 are not considered business sensitive. However, the cost of fuel delivered to nonutilities, commodity cost of fossil fuels, and reported fuel stocks at the end of the reporting period are considered business sensitive and must adhere to EIA’s “Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA” (45Federal Register 59812 (1980)).

NERC Classification

The Florida Reliability Coordinating Council (FRCC) separated itself from the Southeastern Electric Reliability Council (SERC) in the mid-1990s. In 1998, several utilities realigned from Southwest Power Pool (SPP) to SERC. Name changes altered both the Mid-Continent Area Power Pool (MAPP) to the Midwest Reliability Organization (MRO) and the Western Systems

Coordinating Council (WSCC) to the Western Energy Coordinating Council (WECC). The MRO membership boundaries have altered over time, but WECC membership boundaries have not. The utilities in the associated regional entity identified as the Alaska System Coordination Council (ASCC) dropped their formal participation in NERC. Both the States of Alaska and Hawaii are not contiguous with the other continental States and have no electrical interconnections. At the close of calendar year 2005, the follow reliability regional councils were dissolved: East Central Area Reliability Coordinating Agreement (ECAR), Mid-Atlantic Area Council (MAAC), and Mid-America Interconnected Network (MAIN).

On January 1, 2006, the ReliabilityFirst Corporation (RFC) came into existence as a new regional reliability council. Individual utility membership in the former ECAR, MAAC, and MAIN councils mostly shifted to RFC. However, adjustments in membership as utilities joined or left various reliability councils impacted MRO, SERC, and SPP. The Texas Regional Entity (TRE) was formed from a delegation of authority from NERC to handle the regional responsibilities of the Electric Reliability Council of Texas (ERCOT). The revised delegation agreements covering all the regions were approved by the Federal Energy Regulatory Commission on March 21, 2008. Reliability Councils that are unchanged include: Florida Reliability Coordinating Council (FRCC), Northeast Power Coordinating Council (NPCC), and the Western Energy Coordinating Council (WECC)

The new NERC Regional Council names are as follows:

- Florida Reliability Coordinating Council (FRCC),
- Midwest Reliability Organization (MRO),
- Northeast Power Coordinating Council (NPCC),
- ReliabilityFirst Corporation (RFC),
- Southeastern Electric Reliability Council (SERC),
- Southwest Power Pool (SPP),
- Texas Regional Entity (TRE), and
- Western Energy Coordinating Council (WECC).

Business Classification

Nonutility power producers consist of corporations, persons, agencies, authorities, or other legal entities that own or operate facilities for electric generation but are not electric utilities. This includes qualifying cogenerators, small power producer, and independent power producers. Furthermore, nonutility power producers do not have a designated franchised service area. In addition to entities whose primary business is the production and sale of electric power, entities with other primary business classifications can and do sell electric power. These can consist of manufacturing, agricultural, forestry, transportation, finance, service and administrative industries, based on the Office of Management and Budget's Standard Industrial Classification (SIC)

Manual.17 In 1997, the SIC Manual name was changed to North American Industry Classification System (NAICS). The following is a list of the main classifications and the category of primary business activity within each classification.

Agriculture, Forestry, and Fishing

- 111 Agriculture production-crops
- 112 Agriculture production, livestock and animal specialties
- 113 Forestry
- 114 Fishing, hunting, and trapping
- 115 Agricultural services

Mining

- 211 Oil and gas extraction
- 2121 Coal mining
- 2122 Metal mining
- 2123 Mining and quarrying of nonmetallic minerals except fuels

Construction

23

Manufacturing

- 311 Food and kindred products
- 3122 Tobacco products
- 314 Textile and mill products
- 315 Apparel and other finished products made from fabrics and similar materials
- 316 Leather and leather products
- 321 Lumber and wood products, except furniture
- 322 Paper and allied products (other than 322122 or 32213)
- 322122 Paper mills, except building paper
- 32213 Paperboard mills
- 323 Printing and publishing
- 324 Petroleum refining and related industries (other than 32411)
- 32411 Petroleum refining
- 325 Chemicals and allied products (other than 325188, 325211, 32512, or 325311)
- 32512 Industrial organic chemicals
- 325188 Industrial Inorganic Chemicals
- 325211 Plastics materials and resins
- 325311 Nitrogenous fertilizers
- 326 Rubber and miscellaneous plastic products
- 327 Stone, clay, glass, and concrete products (other than 32731)
- 32731 Cement, hydraulic
- 331 Primary metal industries (other than 331111 or 331312)
- 331111 Blast furnaces and steel mills
- 331312 Primary aluminum
- 332 Fabricated metal products, except machinery and transportation equipment
- 333 Industrial and commercial equipment and components except computer equipment
- 3345 Measuring, analyzing, and controlling instruments, photographic, medical, and optical goods, watches and clocks

- 335 Electronic and other electrical equipment and components except computer equipment
- 336 Transportation equipment
- 337 Furniture and fixtures
- 339 Miscellaneous manufacturing industries

Transportation and Public Utilities

- 22 Electric, gas, and sanitary services
- 2212 Natural gas transmission
- 2213 Water supply
- 22131 Irrigation systems
- 22132 Sewerage systems
- 481 Transportation by air
- 482 Railroad transportation
- 483 Water transportation
- 484 Motor freight transportation and warehousing
- 485 Local and suburban transit and interurban highway passenger transport
- 486 Pipelines, except natural gas
- 487 Transportation services
- 491 United States Postal Service
- 513 Communications
- 562212 Refuse systems

Wholesale Trade

421 to 422

Retail Trade

441 to 454

Finance, Insurance, and Real Estate

521 to 533

Services

- 512 Motion pictures
- 514 Business services
- 514199 Miscellaneous services
- 541 Legal services
- 561 Engineering, accounting, research, management, and related services
- 611 Education services
- 622 Health services
- 624 Social services
- 712 Museums, art galleries, and botanical and zoological gardens
- 713 Amusement and recreation services
- 721 Hotels
- 811 Miscellaneous repair services
- 8111 Automotive repair, services, and parking
- 812 Personal services
- 813 Membership organizations
- 814 Private households

Public Administration

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Table C1. Average Heat Content of Fossil-Fuel Receipts, November 2008

Census Division and State	Coal (Million Btu per Ton) ¹	Petroleum Liquids (Million Btu per Barrel) ²	Petroleum Coke (Million Btu per Ton)	Natural Gas (Million Btu per Thousand Cubic Feet) ³
New England	23.21	6.23	--	1.03
Connecticut	20.16	5.89	--	1.02
Maine.....	26.19	6.32	--	1.05
Massachusetts.....	23.30	6.16	--	1.03
New Hampshire.....	25.86	5.81	--	1.04
Rhode Island.....	--	5.82	--	1.02
Vermont.....	--	--	--	1.01
Middle Atlantic	22.01	5.93	28.46	1.02
New Jersey.....	23.95	5.48	--	1.03
New York.....	22.53	5.95	28.50	1.02
Pennsylvania.....	21.74	6.35	28.43	1.03
East North Central	19.87	5.82	28.18	1.02
Illinois.....	17.76	5.77	--	1.01
Indiana.....	20.67	5.84	--	1.01
Michigan.....	19.42	5.90	27.87	1.01
Ohio.....	22.68	5.82	28.17	1.04
Wisconsin.....	17.90	5.80	28.25	1.02
West North Central	16.67	5.80	27.97	1.01
Iowa.....	17.30	5.76	26.55	1.01
Kansas.....	17.12	5.78	29.14	1.01
Minnesota.....	17.64	5.94	27.46	1.01
Missouri.....	17.51	5.67	--	1.02
Nebraska.....	17.05	5.76	--	1.00
North Dakota.....	13.13	5.90	--	1.03
South Dakota.....	16.79	5.78	--	1.01
South Atlantic	23.79	6.05	28.43	1.03
Delaware.....	25.16	6.14	--	1.03
District of Columbia.....	--	--	--	--
Florida.....	23.86	5.85	28.50	1.03
Georgia.....	22.14	6.09	27.91	1.04
Maryland.....	24.52	6.05	--	1.04
North Carolina.....	24.40	5.95	--	1.04
South Carolina.....	24.82	6.06	--	1.03
Virginia.....	25.26	6.38	--	1.05
West Virginia.....	23.84	5.74	--	1.01
East South Central	22.08	5.70	27.97	1.03
Alabama.....	21.17	5.72	--	1.03
Kentucky.....	22.93	5.81	27.97	1.03
Mississippi.....	19.28	6.19	--	1.02
Tennessee.....	22.41	5.67	--	1.03
West South Central	15.93	6.20	29.05	1.03
Arkansas.....	17.33	6.35	--	1.02
Louisiana.....	16.21	6.38	29.05	1.04
Oklahoma.....	17.40	6.20	--	1.03
Texas.....	15.28	5.80	--	1.02
Mountain	18.88	5.80	29.20	1.03
Arizona.....	19.43	5.82	--	1.03
Colorado.....	19.42	5.69	--	1.03
Idaho.....	--	--	--	1.02
Montana.....	16.68	5.92	29.20	1.03
Nevada.....	19.80	5.85	--	1.03
New Mexico.....	18.13	5.66	--	1.03
Utah.....	21.62	5.88	--	1.04
Wyoming.....	17.37	5.82	--	.99
Pacific Contiguous	17.69	5.80	28.31	1.02
California.....	22.98	5.62	28.31	1.03
Oregon.....	16.70	5.78	--	1.02
Washington.....	16.79	5.83	--	1.03
Pacific Noncontiguous	--	5.99	--	1.01
Alaska.....	--	5.16	--	1.01
Hawaii.....	--	6.05	--	--
U.S. Total	19.76	6.00	28.43	1.03

¹ Anthracite, bituminous, subbituminous, lignite, waste coal and coal synfuel.

² Includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

³ Natural gas includes a small amount of supplemental gaseous fuels.

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2008 are preliminary. • Data represent weighted values.

Sources: Energy Information Administration, Form EIA-423 "Monthly Report of Cost and Quality of Fuels for Electric Plants;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table C2. Comparison of Preliminary Monthly Data Versus Final Monthly Data at the U.S. Level, 2005 Through 2007

Item	Mean Absolute Value of Change (Percent)		
	Total (All Sectors)		
	2005	2006	2007
Net Generation			
Coal ¹.....	.09	.17	.20
Petroleum Liquids ².....	.60	2.78	1.29
Petroleum Coke.....	4.36	1.02	3.16
Natural Gas ³	1.38	1.29	.69
Other Gases.....	13.52	11.24	12.61
Hydroelectric ⁴	2.02	1.51	.46
Nuclear.....	.20	--	.01
Other ⁵	4.59	1.03	2.25
Total.....	.42	.29	.17
Consumption of Fossil Fuels for Electric Generation			
Coal ¹.....	.93	.48	.62
Petroleum Liquids ²	4.54	2.73	5.15
Petroleum Coke.....	3.18	3.56	2.96
Natural Gas ³	7.03	6.18	5.80
Fuel Stocks⁶			
Coal ¹.....	.16	.65	.85
Petroleum Liquids ²	--	--	--
Petroleum Coke.....	--	--	--
Retail Sales			
Residential.....	5.50	2.39	.50
Commercial ⁷	9.18	3.76	3.16
Industrial ⁷	2.86	11.47	19.96
Transportation ⁷	111.01	107.71	12.40
Total.....	2.50	1.99	4.35
Revenue			
Residential ⁷	3.87	2.32	2.60
Commercial ⁷	2.44	11.93	8.01
Industrial.....	33.15	25.53	32.57
Transportation ⁷	58.37	49.90	43.53
Total.....	6.19	8.31	3.95
Average Retail Price			
Residential.....	2.43	1.78	2.66
Commercial ⁷	6.60	12.85	5.14
Industrial ⁷	35.80	14.07	12.45
Transportation ⁷	186.74	63.70	46.57
Total.....	6.12	6.90	1.23
Receipts of Fossil Fuels			
Coal ¹.....	.07	.31	.22
Petroleum Liquids ².....	.31	.39	1.70
Petroleum Coke.....	.36	.22	.44
Natural Gas ³.....	.38	.09	.13
Cost of Fossil Fuels⁸			
Coal ¹.....	.06	.02	.04
Petroleum Liquids ².....	.13	.14	.36
Petroleum Coke.....	.37	.29	.23
Natural Gas ³.....	.04	.03	.02

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil. In 2004 petroleum stocks exclude waste oil.

³ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.

⁴ Includes conventional hydroelectric and hydroelectric pumped storage facilities.

⁵ Includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

⁶ Stocks are end-of-month values.

⁷ See technical notes (<http://www.eia.doe.gov/cneaf/electricity/epm/appenc.pdf>) for additional information on the Commercial, Industrial and Transportation sectors.

⁸ Data represent weighted values.

Notes: • Change refers to the difference between estimates or preliminary monthly data published in the Electric Power Monthly (EPM) and the final monthly data published in the EPM. • Values for 2007 are final.

Sources: • Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table C3. Comparison of Annual Monthly Estimates Versus Annual Data at the U.S. Level, All Sectors 2005 Through 2007

Item	2005			2006			2007		
	Annual Monthly Estimates	Annual Final	Change (percent)	Annual Monthly Estimates	Annual Final	Change (percent)	Annual Monthly Estimates	Annual Final	Change (Percent)
Net Generation (thousand megawatthours)									
Coal ¹	2,014,173	2,012,873	-1	1,987,224	1,990,511	.2	2,020,572	2,016,456	-2
Petroleum Liquids ²	100,282	99,840	-4	43,343	44,460	2.6	49,956	49,505	-9
Petroleum Coke.....	21,628	22,385	3.5	19,861	19,706	-8	15,752	16,234	3.1
Natural Gas ³	751,549	760,960	1.3	807,597	816,441	1.1	893,211	896,590	.4
Other Gases.....	15,644	13,464	-13.9	15,970	14,177	-11.2	15,414	13,453	-12.7
Hydroelectric ⁴	258,510	263,763	2.0	281,397	282,689	.5	241,319	240,614	-.3
Nuclear.....	780,465	781,986	.2	787,219	787,219	--	806,487	806,425	*
Other ⁵	95,739	100,150	4.6	110,358	109,500	-8	116,803	117,469	.6
Total.....	4,037,989	4,055,423	.4	4,052,968	4,064,702	.3	4,159,514	4,156,745	-.1
Consumption of Fossil Fuels for Electric Generation									
Coal (1,000 tons) ¹	1,051,177	1,041,448	-9	1,035,469	1,030,556	-5	1,053,346	1,046,795	-6
Petroleum Liquids (1,000 barrels) ²	172,407	165,137	-4.2	75,634	73,821	-2.4	87,005	82,433	-5.3
Petroleum Coke (1,000 tons).....	8,510	8,330	-2.1	7,634	7,363	-3.6	6,222	6,036	-3.0
Natural Gas (1,000 Mcf) ³	6,465,972	6,036,370	-6.6	6,878,086	6,461,615	-6.1	7,507,446	7,089,342	-5.6
Fuel Stocks for Electric Power Sector⁶									
Coal (1,000 tons) ¹	101,237	101,137	-1	139,679	140,964	.9	151,127	151,221	.1
Petroleum Liquids (1,000 barrels) ²	48,274	47,414	-1.8	49,189	48,216	-2.0	42,984	44,433	3.4
Petroleum Coke (1,000 tons).....	531	530	-.3	704	674	-4.3	550	554	.7
Retail Sales (Million kWh)									
Residential.....	1,364,788	1,359,227	-.4	1,354,232	1,351,520	-.2	1,391,911	1,391,807	*
Commercial ⁷	1,265,155	1,275,079	.8	1,300,851	1,299,744	-.1	1,342,673	1,339,596	-.2
Industrial ⁷	1,021,313	1,019,156	-.2	1,001,929	1,011,298	.9	1,005,828	1,022,567	1.7
Transportation ⁷	8,271	7,506	-9.3	8,086	7,358	-9.0	7,738	7,724	-.2
Total.....	3,659,527	3,660,969	*	3,665,099	3,669,919	.1	3,748,149	3,761,695	.4
Retail Revenue (Million Dollars)									
Residential.....	128,666	128,393	-.2	140,838	140,582	-.2	148,027	148,299	.2
Commercial ⁷	110,287	110,522	.2	121,728	122,914	1.0	129,765	128,899	-.7
Industrial ⁷	56,867	58,445	2.8	61,010	62,308	2.1	63,972	65,712	2.7
Transportation ⁷	613	643	4.9	732	702	-4.1	805	793	-1.5
Total.....	296,434	298,003	.5	324,308	326,506	.7	342,569	343,703	.3
Average Retail Price (Cents/kWh)									
Residential.....	9.43	9.45	.2	10.40	10.40	--	10.64	10.66	.2
Commercial ⁷	8.72	8.67	-.6	9.36	9.46	1.1	9.67	9.62	-.5
Industrial ⁷	5.57	5.73	2.9	6.09	6.16	1.2	6.36	6.43	1.1
Transportation ⁷	7.42	8.57	15.5	9.06	9.54	5.3	10.40	10.26	-1.4
Total.....	8.10	8.14	.5	8.85	8.90	.6	9.14	9.14	--
Receipts of Fossil Fuels									
Coal (1,000 tons) ¹	1,026,185	1,021,437	-5	1,052,605	1,079,943	2.6	1,072,997	1,054,664	-1.7
Petroleum Liquids (1,000 barrels) ²	154,902	157,221	1.5	65,771	65,002	-1.2	69,524	60,068	-13.6
Petroleum Coke (1,000 tons).....	7,519	7,502	-.2	7,256	7,193	-.9	5,784	5,656	-2.2
Natural Gas (1,000 Mcf) ³	5,984,524	6,181,717	3.3	6,691,179	6,675,246	-.2	7,291,211	7,200,316	-1.3
Cost of Fossil Fuels (Dollars per million Btu)⁸									
Coal ¹	1.54	1.54	--	1.69	1.69	--	1.78	1.77	-.6
Petroleum Liquids ²	7.65	7.59	-.8	8.72	8.68	-.5	9.62	9.59	-.3
Petroleum Coke.....	1.12	1.11	-.9	1.30	1.33	2.3	1.54	1.51	-2.0
Natural Gas ³	8.20	8.21	.1	6.92	6.94	.3	7.10	7.11	.1

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil. In 2004 petroleum stocks exclude waste oil.

³ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.

⁴ Includes conventional hydroelectric and hydroelectric pumped storage facilities.

⁵ Includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

⁶ Stocks are end-of-month values.

⁷ See technical notes (<http://www.eia.doe.gov/cneaf/electricity/epm/appenc.pdf>) for additional information on the Commercial, Industrial and Transportation sectors.

⁸ Data represent weighted values.

* = Value is less than 0.05.

Notes: • The average revenue per kilowatthour is calculated by dividing revenue by sales. • Mean absolute value of change is the unweighted average of the absolute changes. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-900, "Monthly Nonutility Power Report;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-759, "Monthly Power Plant Report;" Form EIA-861, "Annual Electric Utility Report;" and Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table C4. Unit-of-Measure Equivalents for Electricity

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

Source: Energy Information Administration.

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Glossary

Anthracite: The highest rank of coal; used primarily for residential and commercial space heating. It is a hard, brittle, and black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. The moisture content of fresh-mined anthracite generally is less than 15 percent. The heat content of anthracite ranges from 22 to 28 million Btu per ton on a moist, mineral-matter-free basis. The heat content of anthracite coal consumed in the United States averages 25 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter). *Note:* Since the 1980's, anthracite refuse or mine waste has been used for steam electric power generation. This fuel typically has a heat content of 15 million Btu per ton or less.

Ash: Impurities consisting of silica, iron, aluminum, and other noncombustible matter that are contained in coal. Ash increases the weight of coal, adds to the cost of handling, and can affect its burning characteristics. Ash content is measured as a percent by weight of coal on a "received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Ash Content: The amount of ash contained in the fuel (except gas) in terms of percent by weight.

Average Retail Price of Electricity (formerly known as Average Revenue per Kilowatthour): The average revenue per kilowatthour of electricity sold by sector (residential, commercial, industrial, or other) and geographic area (State, Census division, and national), is calculated by dividing the total monthly revenue by the corresponding total monthly sales for each sector and geographic area.

Barrel: A unit of volume equal to 42 U.S. gallons.

Biomass: Organic non-fossil material of biological origin constituting a renewable energy resource.

Bituminous Coal: A dense coal, usually black, sometimes dark brown, often with well-defined bands of bright and dull material, used primarily as fuel in steam-electric power generation, with substantial quantities also used for heat and power applications in manufacturing and to make coke. Bituminous coal is the most abundant coal in active U.S. mining regions. Its moisture content usually is less than 20 percent. The heat content of bituminous coal ranges from 21 to 30 million Btu per ton on a moist, mineral-matter-free basis. The heat content of bituminous coal consumed in the United States averages 24 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

British Thermal Unit: The quantity of heat required to raise the temperature of 1 pound of liquid water by 1 degree Fahrenheit at the temperature at which water

has its greatest density (approximately 39 degrees Fahrenheit).

Btu: The abbreviation for British thermal unit(s).

Capacity: See Generator Capacity and Generator Name Plate Capacity (Installed).

Census Divisions: Any of nine geographic areas of the United States as defined by the U.S. Department of Commerce, Bureau of the Census. The divisions, each consisting of several States, are defined as follows:

- 1) *New England:* Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont;
- 2) *Middle Atlantic:* New Jersey, New York, and Pennsylvania;
- 3) *East North Central:* Illinois, Indiana, Michigan, Ohio, and Wisconsin;
- 4) *West North Central:* Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota;
- 5) *South Atlantic:* Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia;
- 6) *East South Central:* Alabama, Kentucky, Mississippi, and Tennessee;
- 7) *West South Central:* Arkansas, Louisiana, Oklahoma, and Texas;
- 8) *Mountain:* Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming;
- 9) *Pacific:* Alaska, California, Hawaii, Oregon, and Washington.

Note: Each division is a sub-area within a broader Census Region. In some cases, the Pacific division is subdivided into the Pacific Contiguous area (California, Oregon, and Washington) and the Pacific Noncontiguous area (Alaska and Hawaii).

Coal: A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Coal Synfuel: Coal-based solid fuel that has been processed by a coal synfuel plant; and coal-based fuels such as briquettes, pellets, or extrusions, which are formed from fresh or recycled coal and binding materials.

Coke (Petroleum): A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Combined Cycle: An electric generating technology in which electricity is produced from otherwise lost waste heat exiting from one or more gas (combustion) turbine-generators. The exiting heat from the combustion turbine(s) is routed to a conventional boiler or to a heat recovery steam generator for utilization by a steam turbine in the production of additional electricity.

Combined Heat and Power (CHP): Includes plants designed to produce both heat and electricity from a single heat source. *Note:* This term is being used in place of the term "cogenerator" that was used by EIA in the past. CHP better describes the facilities because some of the plants included do not produce heat and power in a sequential fashion and, as a result, do not meet the legal definition of cogeneration specified in the Public Utility Regulatory Policies Act (PURPA).

Commercial Sector: An energy-consuming sector that consists of service-providing facilities and equipment of: businesses; Federal, State, and local governments; and other private and public organizations, such as religious, social, or fraternal groups. The commercial sector includes institutional living quarters. It also includes sewage treatment facilities. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a wide variety of other equipment. *Note:* This sector includes generators that produce electricity and/or useful thermal output primarily to support the activities of the above-mentioned commercial establishments.

Consumption (Fuel): The use of energy as a source of heat or power or as a raw material input to a manufacturing process.

Cost: The amount paid to acquire resources, such as plant and equipment, fuel, or labor services.

Demand (Electric): The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

Diesel: A distillate fuel oil that is used in diesel engines such as those used for transportation and for electric power generation.

Distillate Fuel Oil: A general classification for one of the petroleum fractions produced in conventional

distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

1) *No. 1 Distillate:* A light petroleum distillate that can be used as either a diesel fuel (see No. 1 Diesel Fuel) or a fuel oil. See No. 1 Fuel Oil.

- *No. 1 Diesel Fuel:* A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in city buses and similar vehicles. See No. 1 Distillate above.
- *No. 1 Fuel Oil:* A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See No. 1 Distillate above.

2) *No. 2 Distillate:* A petroleum distillate that can be used as either a diesel fuel (see No. 2 Diesel Fuel definition below) or a fuel oil. See No. 2 Fuel oil below.

- *No. 2 Diesel Fuel:* A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See No. 2 Distillate above.

3) *No. 4 Fuel:* A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

- *No. 4 Diesel Fuel and No. 4 Fuel Oil:* See No. 4 Fuel above.

Electric Industry Restructuring: The process of replacing a monopolistic system of electric utility suppliers with competing sellers, allowing individual retail customers to choose their supplier but still receive delivery over the power lines of the local utility. It includes the reconfiguration of vertically integrated electric utilities.

Electric Plant (Physical): A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

Electric Power Sector: An energy-consuming sector that consists of electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public-- i. e., North American Industry Classification System 22 plants.

Electric Utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. *Note:* Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, "electric utility" currently has inconsistent interpretations from State to State.

Electricity: A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.

Electricity Generation: The process of producing electric energy or the amount of electric energy produced by transforming other forms of energy, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Electricity Generators: The facilities that produce only electricity, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Energy: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while

heat energy is usually measured in British thermal units.

Energy Conservation Features: This includes building shell conservation features, HVAC conservation features, lighting conservation features, any conservation features, and other conservation features incorporated by the building. However, this category does not include any demand-side management (DSM) program participation by the building. Any DSM program participation is included in the DSM Programs.

Energy Efficiency: Refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided. These programs reduce overall electricity consumption (reported in megawatthours), often without explicit consideration for the timing of program-induced savings. Such savings are generally achieved by substituting technically more advanced equipment to produce the same level of end-use services (e.g. lighting, heating, motor drive) with less electricity. Examples include high-efficiency appliances, efficient lighting programs, high-efficiency heating, ventilating and air conditioning (HVAC) systems or control modifications, efficient building design, advanced electric motor drives, and heat recovery systems.

Energy Service Provider: An energy entity that provides service to a retail or end-use customer.

Energy Source: Any substance or natural phenomenon that can be consumed or transformed to supply heat or power. Examples include petroleum, coal, natural gas, nuclear, biomass, electricity, wind, sunlight, geothermal, water movement, and hydrogen in fuel cells.

Energy-Only Service: Retail sales services for which the company provided only the energy consumed, where another entity provides delivery services.

Fossil Fuel: An energy source formed in the earth's crust from decayed organic material. The common fossil fuels are petroleum, coal, and natural gas.

Franchised Service Area: A specified geographical area in which a utility has been granted the exclusive right to serve customers. A franchise allows an entity to use city streets, alleys and other public lands in order to provide, distribute, and sell services to the community.

Fuel: Any material substance that can be consumed to supply heat or power. Included are petroleum, coal, and natural gas (the fossil fuels), and other consumable materials, such as uranium, biomass, and hydrogen.

Gas: A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

Gas Turbine Plant: An electric generating facility in which the prime mover is a gas (combustion) turbine. A gas turbine typically consists of an air compressor and one or more combustion chambers where either liquid or gaseous fuel is burned. The resulting hot gases are passed through the turbine where they expand to drive both an electric generator and the compressor.

Generating Unit: Any combination of physically connected generators, reactors, boilers, combustion turbines, or other prime movers operated together to produce electric power.

Generator: A machine that converts mechanical energy into electrical energy.

Generator Capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, adjusted for ambient conditions.

Generator Nameplate Capacity (Installed): The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.

Geothermal: Pertaining to heat within the Earth.

Geothermal Energy: Hot water or steam extracted from geothermal reservoirs in the earth's crust. Water or steam extracted from geothermal reservoirs can be used for geothermal heat pumps, water heating, or electricity generation.

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

Gross Generation: The total amount of electric energy produced by generating units and measured at the generating terminal in kilowatthours (kWh) or megawatthours (MWh).

Heat Content: The amount or number of British thermal units (Btu) produced by the combustion of fuel, measured in Btu/unit of measure.

Hydroelectric Power: The production of electricity from the kinetic energy of falling water.

Hydroelectric Power Generation: Electricity generated by an electric power plant whose turbines are driven by falling water. It includes electric utility and industrial generation of hydroelectricity, unless

otherwise specified. Generation is reported on a net basis, i.e., on the amount of electric energy generated after the electric energy consumed by station auxiliaries and the losses in the transformers that are considered integral parts of the station are deducted.

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

Hydrogen: A colorless, odorless, highly flammable gaseous element. It is the lightest of all gases and the most abundant element in the universe, occurring chiefly in combination with oxygen in water and also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Independent Power Producer: A corporation, person, agency, authority, or other legal entity or instrumentality that owns or operates facilities for the generation of electricity for use primarily by the public, and that is not an electric utility.

Industrial Sector: An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing (NAICS codes 31-33); agriculture, forestry, and hunting (NAICS code 11); mining, including oil and gas extraction (NAICS code 21); natural gas distribution (NAICS code 2212); and construction (NAICS code 23). Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products. *Note:* This sector includes generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities.

Interdepartmental Service (Electric): Interdepartmental service includes amounts charged by the electric department at tariff or other specified rates for electricity supplied by it to other utility departments.

Internal Combustion Plant: A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric

plants. The plant is usually operated during periods of high demand for electricity.

Investor-Owned Utility (IOU): A privately-owned electric utility whose stock is publicly traded. It is rate regulated and authorized to achieve an allowed rate of return.

Jet Fuel: A refined petroleum product used in jet aircraft engines. It includes kerosene-type jet fuel and naphtha-type jet fuel.

Kerosene: A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil.

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

Light Oil: Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

Lignite: The lowest rank of coal, often referred to as brown coal, used almost exclusively as fuel for steam-electric power generation. It is brownish-black and has a high inherent moisture content, sometimes as high as 45 percent. The heat content of lignite ranges from 9 to 17 million Btu per ton on a moist, mineral-matter-free basis. The heat content of lignite consumed in the United States averages 13 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

Manufactured Gas: A gas obtained by destructive distillation of coal, or by thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, and carbureted water gas

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts of electricity.

Megawatthour (MWh): One million watthours.

Municipal Utility: A nonprofit utility, owned by a local municipality and operated as a department thereof, governed by a city council or an independently

electd or appointed board; primarily involved in the distribution and/or sale of retail electric power.

Natural Gas: A gaseous mixture of hydrocarbon compounds, the primary one being methane. *Note:* The Energy Information Administration measures wet natural gas and its two sources of production, associated/dissolved natural gas and nonassociated natural gas, and dry natural gas, which is produced from wet natural gas.

1) *Wet Natural Gas:* A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in porous rock formations at reservoir conditions. The principal hydrocarbons normally contained in the mixture are methane, ethane, propane, butane, and pentane. Typical nonhydrocarbon gases that may be present in reservoir natural gas are water vapor, carbon dioxide, hydrogen sulfide, nitrogen and trace amounts of helium. Under reservoir conditions, natural gas and its associated liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil and are not distinguishable at the time as separate substances. *Note:* The Securities and Exchange Commission and the Financial Accounting Standards Board refer to this product as natural gas.

- Associated-dissolved natural gas: Natural gas that occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved gas).
- Nonassociated natural gas: Natural gas that is not in contact with significant quantities of crude oil in the reservoir.

2) *Dry Natural Gas:* Natural gas which remains after: 1) the liquefiable hydrocarbon portion has been removed from the gas stream (i.e., gas after lease, field, and/or plant separation); and 2) any volumes of nonhydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable. *Note:* Dry natural gas is also known as consumer-grade natural gas. The parameters for measurement are cubic feet at 60 degrees Fahrenheit and 14.73 pounds per square inch absolute.

Net Generation: The amount of gross generation less the electrical energy consumed at the generating station(s) for station service or auxiliaries. *Note:* Electricity required for pumping at pumped-storage plants is regarded as electricity for station service and is deducted from gross generation.

Net Summer Capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of summer peak demand (period of May 1 through October 31). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

Net Winter Capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of peak winter demand (period of November 1 through April 30). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

North American Electric Reliability Council (NERC): A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. The NERC Regions are:

- 1) Texas Regional Entity (TRE),
- 2) Florida Reliability Coordinating Council (FRCC),
- 3) Midwest Reliability Organization (MRO),
- 4) Northeast Power Coordinating Council (NPCC),
- 5) ReliabilityFirst Corporation (RFC),
- 6) Southeastern Electric Reliability Council (SERC),
- 7) Southwest Power Pool (SPP), and the
- 8) Western Energy Coordinating Council (WECC).

North American Industry Classification System (NAICS): A set of codes that describes the possible purposes of a facility.

Nuclear Electric Power: Electricity generated by an electric power plant whose turbines are driven by steam produced by the heat from the fission of nuclear fuel in a reactor.

Other Customers: Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Other Generation: Electricity originating from these sources: manufactured, supplemental gaseous fuel, propane, and waste gasses, excluding natural gas; biomass; geothermal; wind; solar thermal; photovoltaic; synthetic fuel; purchased steam; and waste oil energy sources.

Percent Change: The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted

from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

Petroleum: A broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids. *Note:* Volumes of finished petroleum products include nonhydrocarbon compounds, such as additives and detergents, after they have been blended into the products.

Petroleum Coke: See Coke (Petroleum).

Photovoltaic Energy: Direct-current electricity generated from sunlight through solid-state semiconductor devices that have no moving parts.

Plant: A term commonly used either as a synonym for an industrial establishment or a generation facility or to refer to a particular process within an establishment.

Power: The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

Power Production Plant: All the land and land rights, structures and improvements, boiler or reactor vessel equipment, engines and engine-driven generator, turbo generator units, accessory electric equipment, and miscellaneous power plant equipment are grouped together for each individual facility.

Production (Electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

Propane: A normally gaseous straight-chain hydrocarbon, (C₃H₈). It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products covered by Gas Processors Association Specifications for commercial propane and HD-5 propane and ASTM Specification D 1835.

Public Street and Highway Lighting Service: Includes electricity supplied and services rendered for the purpose of lighting streets, highways, parks and other public places; or for traffic or other signal system service, for municipalities, or other divisions or agencies of State or Federal governments.

Railroad and Railway Electric Service: Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

Receipts: Purchases of fuel.

Relative Standard Error: The standard deviation of a distribution divided by the arithmetic mean, sometimes multiplied by 100. It is used for the purpose of comparing the variabilities of frequency distributions but is sensitive to errors in the means.

Residential: An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. The residential sector excludes institutional living quarters.

Residual Fuel Oil: A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Retail: Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

Revenues: The total amount of money received by a firm from sales of its products and/or services, gains from the sales or exchange of assets, interest and dividends earned on investments, and other increases in the owner's equity except those arising from capital adjustments.

Sales: The transfer of title to an energy commodity from a seller to a buyer for a price or the quantity transferred during a specified period.

Service Classifications (Sectors): Consumers grouped by similar characteristics in order to be identified for the purpose of setting a common rate for electric service. Usually classified into groups identified as residential, commercial, industrial and other.

Service to Public Authorities: Public authority service includes electricity supplied and services rendered to municipalities or divisions or agencies of State and Federal governments, under special contracts or agreements or service classifications applicable only to public authorities.

Solar Energy: The radiant energy of the sun that can be converted into other forms of energy, such as heat or electricity. Electricity produced from solar energy heats a medium that powers an electricity-generating device.

State Power Authority: A nonprofit utility owned and operated by a state government agency, primarily involved in the generation, marketing, and/or transmission of wholesale electric power.

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

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

Subbituminous Coal: A coal whose properties range from those of lignite to those of bituminous coal and used primarily as fuel for steam-electric power generation. It may be dull, dark brown to black, soft and crumbly, at the lower end of the range, to bright, jet black, hard, and relatively strong, at the upper end. Subbituminous coal contains 20 to 30 percent inherent moisture by weight. The heat content of subbituminous coal ranges from 17 to 24 million Btu per ton on a moist, mineral-matter-free basis. The heat content of subbituminous coal consumed in the United States averages 17 to 18 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

Sulfur: A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. *Note:* No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Sulfur Content: The amount of sulfur contained in the fuel (except gas) in terms of percent by weight.

Supplemental Gaseous Fuel Supplies: Synthetic natural gas, propane-air, coke oven gas, refinery gas,

biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Synthetic Fuel: A gaseous, liquid, or solid fuel that does not occur naturally. Synfuels can be made from coal (coal gasification or coal liquefaction), petroleum products, oil shale, tar sands, or plant products. Among the synfuels are various fuel gases, including but not restricted to substitute natural gas, liquid fuels for engines (e.g., gasoline, diesel fuel, and alcohol fuels) and burner fuels (e.g., fuel heating oils).

Terrawatt: One trillion watts.

Terrawatthour: One trillion kilowatthours.

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

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

Ultimate Consumer: A consumer that purchases electricity for its own use and not for resale.

Useful Thermal Output: The thermal energy made

available in a combined heat or power system for use in any industrial or commercial process, heating or cooling application, or delivered to other end users, i.e., total thermal energy made available for processes and applications other than electrical generation.

Waste Coal: As a fuel for electric power generation, waste coal includes anthracite refuse or mine waste, waste from anthracite preparation plants, and coal recovered from previously mined sites.

Waste Gases: As a fuel for electric power generation, waste gasses are those gasses that are produced from gasses recovered from a solid-waste or wastewater treatment facility, or the gaseous by-products of oil-refining processes.

Waste Oil: As a fuel for electric power generation, waste oil includes recycled motor oil, and waste oil from transformers.

Watt (W): The unit of electrical power equal to one ampere under a pressure of one volt. A Watt is equal to 1/746 horsepower.

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

Wind Energy: The kinetic energy of wind converted into mechanical energy by wind turbines (i.e., blades rotating from the hub) that drive generators to produce electricity.

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