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December 2008

With Data for September 2008

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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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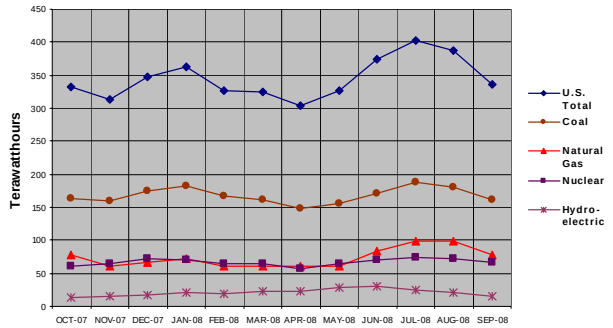
Generation: Data from the National Oceanic and Atmospheric Administration (NOAA) show that September 2008 was 1.7 percent "below average consumption." September 2007, in contrast, was the eighth warmest on record. Additionally, the Commerce Department reported that real gross domestic product decreased from the second quarter to the third quarter of 2008, and the manufacturing component of the Federal Reserve's Industrial Production Index was down 4.8 percent compared to the September 2007 value. The relatively normal 2008 weather compared to the hot September 2007 and the decline in economic activity contributed to a September 2008 net generation level that was 5.2 percent lower than the previous year.

Most (55.7 percent) of the 12-month decline in September levels is attributable to the fall in natural gas-fired generation. Gas-fired generation totals in two States – Texas and Mississippi – accounted for over half of this decline. Coal-fired generation in September 2008 was 4.5 percent lower than it was in September 2007. Drops in coal-fired generation in Ohio and West Virginia accounted for 37.3 percent of this decline. Net generation from conventional hydroelectric sources, however, was 12.7 percent higher than it had been in September 2007. This increase is primarily attributable to rises in Washington and New York, although Missouri's contribution was significant as easing drought conditions contributed to State-level generation that was 465.5 percent higher than it was in September 2007. Petroleum liquid-fired generation was 17.9 percent lower compared to a year ago, with its overall share of net generation continuing to shrink. As wind-powered generation has decreased in recent months, the September 2008 generation was total was 9.5 percent lower than it was in September 2007. The September-to-September decline in Texas accounted for 74.0 percent of the national fall for wind power.

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

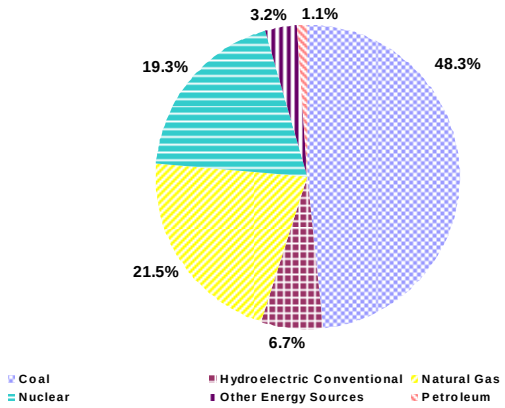


Year-to-date, net generation was down 0.8 percent from 2007 levels. Net generation attributable to coal-fired plants was down 0.5 percent. Nuclear generation was down 0.2 percent. Generation from petroleum liquids was down 41.4 percent, while natural gas-fired generation was down 2.0 percent. The September increase in conventional hydroelectric generation contributed to a year-to-date total that was up 5.2 percent.

Even with the decline in September wind generation, year-to-date wind generation was up 38.7 percent due primarily to increased generation in Texas and Colorado. Together, these States accounted for 54.8 percent of the year-to-date national rise in wind generation.

Coal-fired plants contributed 48.3 percent of the Nation's electric power, year-to-date. Nuclear plants contributed 19.3 percent, while 21.5 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 6.7 percent of the total, while other renewables (primarily biomass, but also geothermal, solar, and wind) and other miscellaneous energy sources generated the remaining electric power (Figure 2).

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



Consumption of Fuels: Consumption of coal for power generation in September 2008 was down by 3.0 percent compared to September 2007, a decrease that was in line with the fall in generation. For the same time period, consumption of petroleum liquids and petroleum coke decreased by 20.7 percent and 17.6 percent, respectively, while the consumption of natural gas decreased by 15.5 percent.

Year-to-date, consumption of coal increased by less than one-tenth of one percent. Natural gas consumption decreased by 6.8 percent, while the consumption of petroleum liquids and petroleum coke fell by 42.1 percent and 16.3 percent, respectively.

Fuel Stocks, Electric Power Sector, September 2008

Total electric power sector coal stocks increased between September 2007 and September 2008 by 1.1 million tons. Stocks of bituminous coal (including coal synfuel) decreased by 19.2 percent, or 13.0 million tons between September 2007 and September 2008 (from 68.0 to 54.9 million tons). Subbituminous coal stocks grew by a similar margin, 14.7 million tons, between September 2007 and September 2008 (from 71.2 to 85.8 million tons).

Electric power sector liquid petroleum stocks totaled 39.7 million barrels at the end of September 2008, a decrease of 8.7 percent (3.8 million barrels) from September 2007. September 2008 stocks were 1.3 percent (0.5 million barrels) lower than at the end of August 2008.

Fuel Receipts and Costs, All Sectors, September 2008

In September 2008, the price of coal to electricity generators maintained the August level, thereby breaking the recent upward trend. The downward trend in the prices of petroleum liquids and natural gas continued in September. Receipts of coal, petroleum liquids, and natural gas declined from their August 2008 level and from their September 2007 level.

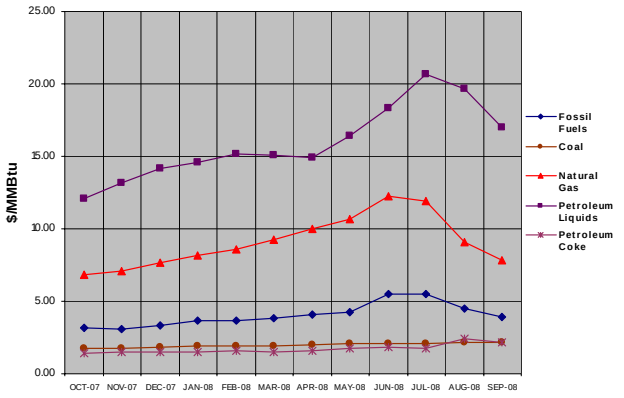
The average price paid for petroleum liquids decreased from $19.63 per MMBtu in August 2008 to $16.98 in September. This was a 13.5-percent decrease and a 77.8-percent increase from September 2007. Receipts of petroleum liquids in September 2008 were 4.3 million barrels, a 4.8-percent decrease from August 2008 and a 34.5-percent decrease from September 2007. This decrease is understandable when taking the aforementioned 77.8-percent price increase into consideration.

The average price paid for natural gas by electricity generators in September was $7.87 per MMBtu, a 13.6-percent decrease from the August 2008 level of $9.11. The September price was 28.2 percent higher than the September 2007 price of $6.14 per MMBtu. Receipts of natural gas were 672.4 million Mcf, down 19.6 percent from August 2008 and down 5.8 percent from September 2007.

The average price paid for coal in September 2008 was $2.18 per MMBtu, which was the same price paid in August. It was 22.5 percent higher when compared with the September 2007 price of $1.78 per MMBtu. Receipts of coal were 89.1 million tons, down 5.2 percent when compared with August 2008 data and down 1.1 percent from September 2007. The overall price for fossil fuels was $3.91 per MMBtu in September 2008, a 13.3-percent decrease from August 2008, and 24.9 percent higher than in September 2007.

Year-to-date (January through September) 2008 prices compared to the same period last year were up 39.6 percent for natural gas, 90.7 percent for petroleum liquids, and 15.3 percent for coal. Year-to-date 2008 receipts compared to the same period last year were up 4.2 percent for natural gas. Year-to-date receipts for petroleum liquids and coal were down 27.9 percent and 2.1 percent, respectively.

Figure 3: Electric Power Industry Fuel Costs, October 2007 through September 2008



Sales, Revenue, and Average Retail Price, September 2008

The average retail price of electricity for September 2008 was 10.31 cents per kilowatthour (kWh), 3.0 percent lower than August 2008 when the average retail price of electricity was 10.63 cents per kWh, and 9.2 percent higher than September 2007 when the price was 9.44 cents per kWh. The typical decrease in electricity demand due to more moderate temperatures at summer's end led to lower prices than in August 2008. Retail sales between September 2007 and September 2008 decreased 3.2 percent due to the slowing economy and comparably less cooling demand than September 2007. The average price of residential electricity for September 2008 decreased 0.16 cents to 11.94 cents per kWh, down from 12.10 cents per kWh in August 2008 when cooling demand was higher. At 11.94 cents per kWh, the average residential price of electricity increased by 9.1 percent from September 2007. These increases in the retail electricity prices are influenced by the increases in fossil fuel prices for the same period.

Sales: For September 2008, sales in the residential and industrial sectors decreased by 8.6 and 0.9 percent, respectively, while sales in the commercial sector increased by 0.9 percent as compared to September 2007. For the month, total retail sales were 325.4 billion kWh, a decrease of 29.4 billion kWh from August 2008, and a decrease of 10.8 billion kWh from September 2007, a 3.2 percent decrease. Year-to-date 2008, sales were 2,872.0 billion kWh, corresponding to a 0.7 percent increase over the same period in 2007.

Revenue: Total retail revenues in September 2008 were $33.6 billion, reflecting an increase in revenue of 5.7 percent from September 2007 and yet a $4.2 billion decrease from August 2008 reflecting continued higher prices of fossil fuels and slowing demand, respectively. Simply stated, the revenue increase year over year was related to higher fuel costs while seasonality influenced demand from month to month, August to September. For September 2008, residential sector retail revenues decreased 0.2 percent from September 2007, while the commercial and industrial sector retail revenues increased by 10.0 and 11.4 percent respectively reflecting the changes in weather which affect the residential consumer while yet higher fossil fuel prices affect commercial and industrial users more than weather. Year-to-date 2008, retail revenue increased to $281.2 billion, a 7.5-percent increase over the same period in 2007.

Average Retail Price: For the month, average residential retail prices slipped slightly to 11.94 cents per kWh from 12.1 cents per kWh in August 2008 although 9.1 percent higher than September 2007 when the price was 10.94 cents per kWh. The September 2008 average commercial retail price was 10.77 cents per kWh, a 9.0 percent increase from September 2007. The average industrial retail price for September 2008 rose to 7.36 cents per kWh, a 12.4-percent increase over the September 2007 value. Year-to-date September 2008 residential prices have increased by 6.0 percent when compared to the same period last year and the year-to-date average retail prices for all sectors increased to 9.79 cents per kWh, or 6.6 percent over the same period. (Figure 4).

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

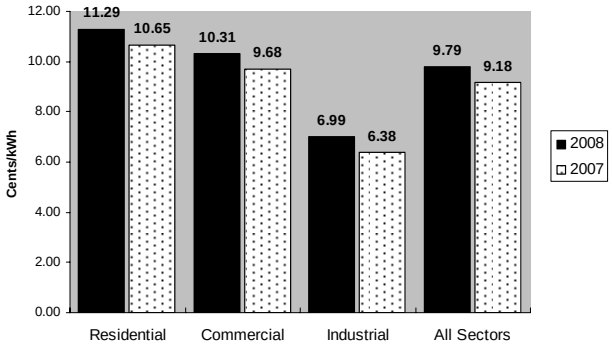


Table ES1.A. Total Electric Power Industry Summary Statistics, 2008 and 2007

September

Net Generation and Consumption of Fuels

Items	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	% Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
Net Generation (thousand megawatthours)											
Coal[1]	162,207	169,839	-4.5	119,792	126,029	40,808	42,278	112	104	1,494	1,428
Petroleum Liquids[2]	2,994	3,648	-17.9	2,295	2,818	542	695	8	8	150	126
Petroleum Coke	1,119	1,256	-10.9	481	552	538	572	*	1	101	132
Natural Gas[3]	77,490	87,741	-11.7	28,488	30,886	43,497	50,075	352	379	5,153	6,402
Other Gases[4]	791	1,266	-37.5	1	9	186	302	--	2	604	954
Nuclear	67,003	67,582	-.9	34,885	36,821	32,118	30,761	--	--	--	--
Hydroelectric Conventional	16,530	14,667	12.7	15,014	13,461	1,433	1,099	1	*	82	107
Other Renewables	8,172	8,618	-5.2	634	715	5,106	5,340	135	134	2,297	2,431
Wood[5]	3,167	3,247	-2.5	157	169	763	702	2	2	2,245	2,374
Waste[6]	1,303	1,432	-9.1	83	100	1,034	1,144	133	132	52	57
Geothermal	1,225	1,230	-.4	101	95	1,124	1,135	--	--	--	--
Solar/PV[7]	86	68	26.5	1	1	85	67	--	--	--	--
Wind	2,391	2,641	-9.5	291	350	2,100	2,291	--	--	--	--
Hydroelectric Pumped Storage	-513	-756	32.1	-409	-605	-104	-151	--	--	--	--
Other Energy Sources[8]	791	1,119	-29.3	39	50	499	530	69	62	184	478
All Energy Sources	**336,584**	**354,981**	**-5.2**	**201,218**	**210,734**	**124,624**	**131,500**	**678**	**690**	**10,064**	**12,057**
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)[1]	86,173	88,807	-3.0	62,579	64,620	22,892	23,415	33	63	669	710
Petroleum Liquids (1000 bbls)[2]	5,052	6,372	-20.7	3,980	4,825	851	1,259	12	17	209	271
Petroleum Coke (1000 tons)	426	517	-17.6	191	223	208	241	*	1	27	53
Natural Gas (1000 Mcf)[3]	622,656	736,495	-15.5	246,821	272,220	333,394	397,353	3,001	4,165	39,440	62,758
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)[1]	1,831	1,319	38.9	--	--	371	110	141	80	1,319	1,128
Petroleum Liquids (1000 bbls)[2]	609	575	5.9	--	--	132	41	14	12	463	522
Petroleum Coke (1000 tons)	64	87	-25.8	--	--	8	1	*	1	56	84
Natural Gas (1000 Mcf)[3]	55,626	59,773	-6.9	--	--	21,742	9,413	1,786	3,830	32,098	46,530
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)[1]	88,004	90,126	-2.4	62,579	64,620	23,263	23,524	175	143	1,987	1,839
Petroleum Liquids (1000 bbls)[2]	5,661	6,947	-18.5	3,980	4,825	982	1,300	26	28	672	793
Petroleum Coke (1000 tons)	490	604	-18.8	191	223	217	242	*	2	83	137
Natural Gas (1000 Mcf)[3]	678,282	796,269	-14.8	246,821	272,220	355,135	406,766	4,788	7,995	71,538	109,288
Fuel Stocks (end-of-month)											
Coal (1000 tons)[9]	147,534	146,535	.7	114,094	115,321	30,854	28,570	386	399	2,199	2,246
Petroleum Liquids (1000 bbls)[2]	43,607	44,973	-3.0	26,575	27,528	13,135	15,968	340	229	3,557	1,249
Petroleum Coke (1000 tons)	1,074	666	61.3	398	290	362	256	*	*	314	121

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)		
	Sep 2008	Sep 2007	% Change	Sep 2008	Sep 2007	% Change	Sep 2008	Sep 2007	% Change
Residential	118,343	129,475	-8.6	14,133	14,167	-.2	11.94	10.94	9.1
Commercial[11]	121,521	120,415	.9	13,087	11,902	10.0	10.77	9.88	9.0
Industrial[11]	84,899	85,675	-.9	6,249	5,608	11.4	7.36	6.55	12.4
Transportation[11]	625	648	-3.6	82	69	18.9	13.16	10.67	23.3
All Sectors	325,388	336,214	-3.2	33,550	31,746	5.7	10.31	9.44	9.2

[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. 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 and 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 September

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 megawatthours)											
Coal[1]	1,516,211	1,523,714	-.5	1,121,470	1,125,422	380,354	384,287	1,199	954	13,188	13,051
Petroleum Liquids[2]	24,434	41,671	-41.4	17,071	27,781	6,170	11,898	76	155	1,117	1,837
Petroleum Coke	10,221	12,131	-15.7	4,311	5,642	4,958	5,174	3	6	948	1,310
Natural Gas[3]	674,250	688,035	-2.0	241,790	240,336	373,616	388,705	3,263	3,400	55,581	55,594
Other Gases[4]	11,795	11,923	-1.1	18	54	3,866	2,896	--	16	7,911	8,956
Nuclear	606,491	607,846	-.2	320,913	336,198	285,578	271,648	--	--	--	--
Hydroelectric Conventional	209,702	199,261	5.2	190,634	181,560	17,337	15,760	61	59	1,671	1,882
Other Renewables	85,438	76,567	11.6	6,798	6,358	56,237	47,565	1,262	1,222	21,141	21,421
Wood[5]	28,602	28,729	-.4	1,415	1,505	6,584	6,263	14	15	20,590	20,946
Waste[6]	12,525	12,723	-1.6	842	894	9,883	10,146	1,248	1,208	551	475
Geothermal	10,967	11,060	-.8	889	840	10,078	10,220	--	--	--	--
Solar/PV[7]	717	532	34.6	12	10	704	523	--	--	--	--
Wind	32,627	23,522	38.7	3,640	3,109	28,987	20,413	--	--	--	--
Hydroelectric Pumped Storage	-4,668	-4,922	5.2	-3,820	-3,899	-848	-1,023	--	--	--	--
Other Energy Sources[8]	8,276	10,388	-20.3	451	508	4,997	4,830	570	575	2,258	4,475
All Energy Sources	**3,142,149**	**3,166,614**	**-.8**	**1,899,635**	**1,919,960**	**1,132,265**	**1,131,740**	**6,435**	**6,388**	**103,815**	**108,526**
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)[1]	793,576	793,934	.0	579,208	577,696	208,066	210,043	371	551	5,930	5,643
Petroleum Liquids (1000 bbls)[2]	41,945	72,400	-42.1	29,802	47,862	10,400	20,748	127	308	1,616	3,483
Petroleum Coke (1000 tons)	3,997	4,773	-16.3	1,745	2,143	2,002	2,153	1	3	250	474
Natural Gas (1000 Mcf)[3]	5,396,069	5,790,061	-6.8	2,103,287	2,113,610	2,839,257	3,093,672	28,147	37,333	425,378	545,446
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)[1]	16,237	13,621	19.2	--	--	3,236	1,089	1,250	874	11,751	11,658
Petroleum Liquids (1000 bbls)[2]	5,105	8,231	-38.0	--	--	605	155	185	290	4,315	7,786
Petroleum Coke (1000 tons)	823	784	4.9	--	--	93	3	4	5	725	777
Natural Gas (1000 Mcf)[3]	587,664	500,635	17.4	--	--	229,754	119,702	19,012	25,379	338,898	355,553
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)[1]	809,813	807,554	.3	579,208	577,696	211,302	211,132	1,622	1,425	17,681	17,301
Petroleum Liquids (1000 bbls)[2]	47,050	80,631	-41.6	29,802	47,862	11,004	20,903	312	598	5,931	11,268
Petroleum Coke (1000 tons)	4,820	5,557	-13.3	1,745	2,143	2,095	2,156	5	8	975	1,251
Natural Gas (1000 Mcf)[3]	5,983,733	6,290,696	-4.9	2,103,287	2,113,610	3,069,011	3,213,375	47,159	62,712	764,277	900,999

Retail Sales, Retail Revenue and Average Retail Price per Kilowatthour

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	1,069,051	1,074,882	-.5	120,671	114,455	5.4	11.29	10.65	6.0
Commercial[10]	1,031,729	1,016,602	1.5	106,407	98,451	8.1	10.31	9.68	6.5
Industrial[10]	765,484	753,291	1.6	53,477	48,039	11.3	6.99	6.38	9.6
Transportation[10]	5,734	5,865	-2.2	659	618	6.6	11.49	10.54	9.0
All Sectors	2,871,998	2,850,639	.7	281,214	261,564	7.5	9.79	9.18	6.6

[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. 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 and 2008 are preliminary. Values for January through July 2007 are revised. 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

September

Total (All Sectors)

Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants[1]		Year-to-Date Receipts (physical units)		Year-to-Date Cost (dollars/ physical unit)	
	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
Coal (1000 tons)[2]	89,071	90,019	43.05	35.77	489	479	787,181	804,071	40.45	35.63
Petroleum Liquids (1000 barrels)[3]	4,252	6,492	105.36	60.11	438	343	41,878	58,114	105.83	56.09
Petroleum Coke (1000 tons)	425	490	62.30	45.53	25	23	4,239	4,417	50.97	44.39
Natural Gas (1000 Mcf)[4]	672,394	713,828	8.10	6.32	1,116	889	5,841,577	5,606,663	10.14	7.27

Electric Utilities

Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date Receipts (physical units)		Year-to-Date Cost (dollars/ physical unit)	
	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
Coal (1000 tons)[2]	64,531	65,492	43.85	36.34	305	308	566,790	591,453	40.76	36.09
Petroleum Liquids (1000 barrels)[3]	3,175	4,931	103.57	57.25	244	220	29,184	37,465	104.35	55.02
Petroleum Coke (1000 tons)	229	192	66.33	50.49	10	8	2,064	1,974	57.93	51.11
Natural Gas (1000 Mcf)[4]	244,588	251,606	8.39	6.77	516	329	2,088,416	1,873,698	10.08	7.66

Independent Power Producers

Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date Receipts (physical units)		Year-to-Date Cost (dollars/ physical unit)	
	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
Coal (1000 tons)[2]	23,273	23,407	39.49	33.37	141	135	209,210	201,537	38.74	33.50
Petroleum Liquids (1000 barrels)[3]	696	1,204	116.50	71.89	151	93	9,251	16,335	114.56	60.58
Petroleum Coke (1000 tons)	151	228	45.69	35.85	12	10	1,695	1,919	34.99	34.85
Natural Gas (1000 Mcf)[4]	354,372	391,447	7.77	6.08	475	449	3,034,042	3,074,783	10.20	7.06

Commercial Sector

Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date Receipts (physical units)		Year-to-Date Cost (dollars/ physical unit)	
	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
Coal (1000 tons)[2]	50	43	94.54	66.19	3	3	371	414	71.85	62.69
Petroleum Liquids (1000 barrels)[3]	2	1	127.44	93.20	4	3	28	40	118.79	79.96
Petroleum Coke (1000 tons)	--	--	--	--	--	--	--	--	--	--
Natural Gas (1000 Mcf)[4]	1,599	1,696	8.79	7.02	8	8	16,053	16,236	10.28	8.20

Industrial Sector

Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date Receipts (physical units)		Year-to-Date Cost (dollars/ physical unit)	
	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
Coal (1000 tons)[2]	1,217	1,077	66.29	51.65	40	36	10,810	10,667	56.67	49.69
Petroleum Liquids (1000 barrels)[3]	380	356	99.83	59.69	39	30	3,416	4,274	94.78	48.04
Petroleum Coke (1000 tons)	45	69	97.65	63.61	3	5	481	524	77.48	54.06
Natural Gas (1000 Mcf)[4]	71,835	69,080	8.69	5.96	117	106	703,066	641,945	10.07	7.18

[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 and 2008 are preliminary. Values for January through July 2007 are revised. • 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

September

Total (All Sectors)

Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants[1]		Year-to-Date Receipts (billion Btu)		Year-to-Date Cost (dollars/million Btu)	
	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007
Coal[2]	1,761,901	1,808,813	2.18	1.78	489	479	15,646,713	16,190,584	2.04	1.77
Petroleum Liquids[3]	26,384	40,864	16.98	9.55	438	343	259,889	364,478	17.05	8.94
Petroleum Coke	12,184	13,997	2.17	1.59	25	23	120,443	125,664	1.79	1.56
Natural Gas[4]	691,820	733,683	7.87	6.14	1,116	889	5,998,096	5,761,291	9.88	7.08
Fossil Fuels	2,492,288	2,597,357	3.91	3.13	1,463	1,221	22,025,141	22,442,016	4.35	3.25

Electric Utilities

Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date Receipts (billion Btu)		Year-to-Date Cost (dollars/million Btu)	
	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007
Coal[2]	1,293,911	1,329,073	2.19	1.79	305	308	11,403,633	12,028,735	2.02	1.78
Petroleum Liquids[3]	19,949	31,362	16.48	9.00	244	220	182,742	237,717	16.67	8.67
Petroleum Coke	6,595	5,450	2.31	1.78	10	8	58,720	55,951	2.04	1.80
Natural Gas[4]	251,910	258,674	8.15	6.58	516	329	2,143,331	1,925,586	9.82	7.45
Fossil Fuels	1,572,364	1,624,560	3.32	2.69	720	528	13,788,426	14,247,988	3.43	2.66

Independent Power Producers

Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date Receipts (billion Btu)		Year-to-Date Cost (dollars/million Btu)	
	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007
Coal[2]	440,112	454,375	2.09	1.72	141	135	3,995,498	3,912,432	2.03	1.72
Petroleum Liquids[3]	4,113	7,284	19.70	11.88	151	93	55,682	100,614	19.03	9.83
Petroleum Coke	4,318	6,555	1.60	1.25	12	10	48,157	54,947	1.23	1.22
Natural Gas[4]	364,488	402,037	7.56	5.92	475	449	3,114,842	3,157,719	9.93	6.87
Fossil Fuels	813,030	870,252	4.63	3.74	602	567	7,214,179	7,225,712	5.57	4.08

Commercial Sector

Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date Receipts (billion Btu)		Year-to-Date Cost (dollars/million Btu)	
	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007
Coal[2]	1,203	1,019	3.91	2.78	3	3	8,811	9,703	3.03	2.67
Petroleum Liquids[3]	12	7	21.87	15.94	4	3	161	235	20.45	13.70
Petroleum Coke	--	--	--	--	--	--	--	--	--	--
Natural Gas[4]	1,634	1,736	8.60	6.86	8	8	16,487	16,645	10.01	8.00
Fossil Fuels	2,849	2,763	6.68	5.37	11	9	25,459	26,582	7.66	6.11

Industrial Sector

Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date Receipts (billion Btu)		Year-to-Date Cost (dollars/million Btu)	
	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007	September 2008	September 2007
Coal[2]	26,675	24,346	3.02	2.29	40	36	238,771	239,715	2.56	2.21
Petroleum Liquids[3]	2,310	2,210	16.42	9.62	39	30	21,304	25,911	15.20	7.92
Petroleum Coke	1,271	1,992	3.44	2.22	3	5	13,566	14,767	2.74	1.92
Natural Gas[4]	73,788	71,234	8.46	5.78	117	106	723,436	661,341	9.78	6.97
Fossil Fuels	104,045	99,782	7.18	4.94	130	123	997,077	941,734	8.08	5.71

[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 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 and 2008 are preliminary. Values for January through July 2007 are revised.

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
PacifiCorp	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	--	--	--	--	--	**1,005,424.7**	--	--
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	Coleto 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	Zeeland	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	Birchwoood Power	VA	54304	238	118	May 09, 2008	J-Power
Southhaven Operating Services	Southhaven 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 BH Investment
Black Hills	Fountain Valley	CO	55453	234	234	July 28, 2008	Hastings Funds Management and IIF BH Investment
Black Hills	Harbor Cogeneration	CA	50541	102	102	July 28, 2008	Hastings Funds Management and IIF BH Investment
Black Hills	Las Vegas Cogeneration	NV	10761	50	50	July 28, 2008	Hastings Funds Management and IIF BH Investment
Black Hills	Las Vegas Cogeneration II	NV	55952	220	220	July 28, 2008	Hastings Funds Management and IIF BH Investment
Black Hills	Valmont Combustion Turbine Project	CO	55207	80	80	July 28, 2008	Hastings Funds management and IIF BH Investment
Sumas Cogeneration	Sumas Power Plant	WA	54476	126	126	July 28, 2008	Puget Sound Energy
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
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 September 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	**1,990,926**	**44,655**	**19,709**	**813,044**	**16,060**	**787,219**	**289,246**	**96,423**	**-6,558**	**13,977**	**4,064,702**
2007											
January	175,919	4,438	1,547	59,653	1,322	74,006	26,405	8,512	-572	1,138	352,369
February	163,590	7,710	1,250	58,087	1,173	65,225	18,648	8,119	-447	1,061	324,415
March	159,904	4,081	1,252	56,363	1,419	64,305	24,272	8,890	-458	1,172	321,198
April	146,516	3,872	1,184	60,729	1,337	57,301	23,854	8,739	-374	1,151	304,309
May	157,841	3,540	1,343	66,469	1,341	65,025	25,930	8,557	-547	1,202	330,701
June	173,990	4,238	1,524	81,185	1,361	68,923	22,860	8,382	-523	1,142	363,084
July	185,433	4,268	1,325	97,046	1,366	72,729	22,623	8,118	-595	1,190	393,503
August	190,681	5,877	1,450	120,761	1,339	72,751	20,002	8,631	-651	1,213	422,053
September	169,839	3,648	1,256	87,741	1,266	67,582	14,667	8,618	-756	1,119	354,981
October	162,642	3,551	1,163	78,321	1,164	61,690	14,826	8,867	-786	1,171	332,609
November	159,525	1,969	1,073	60,159	1,168	64,969	15,727	8,607	-685	1,049	313,561
December	174,691	2,765	1,385	66,696	1,160	71,983	18,498	8,948	-601	1,206	346,731
Total	**2,020,572**	**49,956**	**15,752**	**893,211**	**15,414**	**806,487**	**248,312**	**102,988**	**-6,994**	**13,815**	**4,159,514**
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
Total	**1,516,211**	**24,434**	**10,221**	**674,250**	**11,795**	**606,491**	**209,702**	**85,438**	**-4,668**	**8,276**	**3,142,149**
Year-to-Date											
2006	1,496,473	34,802	15,318	633,703	12,273	597,827	230,324	71,345	-4,831	10,459	3,097,693
2007	1,523,714	41,671	12,131	688,035	11,923	607,846	199,261	76,567	-4,922	10,388	3,166,614
2008	1,516,211	24,434	10,221	674,250	11,795	606,491	209,702	85,438	-4,668	8,276	3,142,149
Rolling 12 Months Ending in September											
2007	2,018,052	51,485	16,527	868,098	15,201	797,238	258,184	101,670	-6,648	13,632	4,133,437
2008	2,013,069	32,719	13,841	879,426	15,287	805,131	258,754	111,859	-6,740	11,703	4,135,049

[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." • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 2008
(Thousand Megawatthours)

Period	Wood[1]	Waste[2]	Geothermal	Solar/PV[3]	Wind	Total
1994	**37,937**	**19,129**	**15,535**	**487**	**3,447**	**76,535**
1995	**36,521**	**20,405**	**13,378**	**497**	**3,164**	**73,965**
1996	**36,800**	**20,911**	**14,329**	**521**	**3,234**	**75,796**
1997	**36,948**	**21,709**	**14,726**	**511**	**3,288**	**77,183**
1998	**36,338**	**22,448**	**14,774**	**502**	**3,026**	**77,088**
1999	**37,041**	**22,572**	**14,827**	**495**	**4,488**	**79,423**
2000	**37,595**	**23,131**	**14,093**	**493**	**5,593**	**80,906**
2001	**35,200**	**14,548**	**13,741**	**543**	**6,737**	**70,769**
2002	**38,665**	**15,044**	**14,491**	**555**	**10,354**	**79,109**
2003	**37,529**	**15,812**	**14,424**	**534**	**11,187**	**79,487**
2004	**38,117**	**15,421**	**14,811**	**575**	**14,144**	**83,067**
2005	**38,856**	**15,420**	**14,692**	**550**	**17,811**	**87,329**
2006						
January	3,422	1,388	1,230	13	2,383	8,435
February	3,051	1,270	1,111	20	1,922	7,374
March	3,201	1,344	1,261	33	2,359	8,199
April	2,980	1,227	1,129	52	2,472	7,860
May	3,039	1,371	1,096	71	2,459	8,036
June	3,134	1,328	1,199	70	2,052	7,782
July	3,444	1,399	1,261	62	1,955	8,121
August	3,478	1,389	1,289	83	1,655	7,894
September	3,260	1,308	1,219	54	1,879	7,720
October	3,213	1,332	1,275	32	2,442	8,295
November	3,182	1,359	1,207	16	2,540	8,304
December	3,358	1,382	1,290	3	2,472	8,505
Total	**38,649**	**16,110**	**14,568**	**508**	**26,589**	**96,423**
2007						
January	3,288	1,446	1,306	13	2,459	8,512
February	3,046	1,320	1,193	19	2,541	8,119
March	3,100	1,465	1,216	48	3,061	8,890
April	3,043	1,283	1,165	54	3,194	8,739
May	3,070	1,376	1,168	84	2,858	8,557
June	3,204	1,449	1,250	84	2,395	8,382
July	3,349	1,491	1,264	86	1,928	8,118
August	3,382	1,461	1,267	75	2,446	8,631
September	3,247	1,432	1,230	68	2,641	8,618
October	3,223	1,261	1,278	48	3,056	8,867
November	3,239	1,416	1,223	23	2,705	8,607
December	3,324	1,485	1,278	3	2,859	8,948
Total	**38,515**	**16,885**	**14,839**	**606**	**32,143**	**102,988**
2008						
January	3,337	1,371	1,187	15	3,737	9,647
February	3,075	1,220	1,075	33	3,275	8,679
March	3,165	1,374	1,218	75	4,103	9,935
April	2,940	1,465	1,200	87	4,487	10,178
May	3,013	1,472	1,254	96	4,450	10,285
June	3,166	1,462	1,261	120	4,349	10,357
July	3,349	1,434	1,281	105	3,236	9,405
August	3,390	1,425	1,267	99	2,599	8,780
September	3,167	1,303	1,225	86	2,391	8,172
Total	**28,602**	**12,525**	**10,967**	**717**	**32,627**	**85,438**
Year-to-Date						
2006	28,929	12,029	10,795	457	19,135	71,345
2007	28,729	12,723	11,060	532	23,522	76,567
2008	28,602	12,525	10,967	717	32,627	85,438
Rolling 12 Months Ending in September						
2007	38,481	16,797	14,833	583	30,977	101,670
2008	38,388	16,687	14,746	790	41,248	111,859

[1] Wood, black liquor, and other wood waste.
[2] Biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, and other biomass.
[3] Solar thermal and photovoltaic energy.

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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	130,035	2,474	681	20,104	10	41,242	23,642	748	-452	59	218,542
February	120,423	3,932	655	20,106	3	36,257	16,954	685	-347	50	198,718
March	117,188	2,434	648	18,730	2	37,087	21,951	773	-359	58	198,512
April	107,068	2,787	505	20,746	8	32,045	21,442	744	-305	54	185,094
May	118,325	2,679	646	23,484	10	34,715	23,614	751	-443	62	203,843
June	128,622	3,067	716	28,557	3	37,310	20,989	664	-411	62	219,578
July	137,017	3,174	564	34,042	3	40,549	21,052	619	-458	55	236,617
August	140,716	4,417	675	43,681	7	40,173	18,455	660	-520	58	248,322
September	126,029	2,818	552	30,886	9	36,821	13,461	715	-605	50	210,734
October	120,142	2,813	514	28,375	9	32,752	13,548	748	-487	57	198,471
November	118,472	1,372	369	21,272	9	34,364	14,193	736	-572	42	190,257
December	128,648	1,585	551	22,846	11	38,170	16,515	748	-467	61	208,669
Total	**1,492,684**	**33,551**	**7,077**	**312,829**	**83**	**441,484**	**225,816**	**8,590**	**-5,425**	**668**	**2,517,356**
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
Total	**1,121,470**	**17,071**	**4,311**	**241,790**	**18**	**320,913**	**190,634**	**6,798**	**-3,820**	**451**	**1,899,635**
Year-to-Date											
2006	1,107,800	24,251	7,813	219,793	12	323,986	209,168	4,722	-3,894	545	1,894,195
2007	1,125,422	27,781	5,642	240,336	54	336,198	181,560	6,358	-3,899	508	1,919,960
2008	1,121,470	17,071	4,311	241,790	18	320,913	190,634	6,798	-3,820	451	1,899,635
Rolling 12 Months Ending in September											
2007	1,489,043	34,800	7,462	302,631	72	437,553	234,256	8,225	-5,285	663	2,509,420
2008	1,488,732	22,841	5,746	314,284	48	426,198	234,889	9,029	-5,347	611	2,497,031

[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 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	**498,355**	**10,620**	**8,402**	**452,356**	**3,910**	**361,877**	**24,390**	**59,343**	**-1,277**	**6,445**	**1,424,421**
2007											
January	44,328	1,692	734	32,705	344	32,764	2,346	5,213	-119	550	120,558
February	41,721	3,495	458	31,917	313	28,968	1,479	5,112	-100	482	113,846
March	41,105	1,386	457	31,421	336	27,218	2,101	5,661	-100	540	110,124
April	37,989	821	546	34,011	300	25,256	2,203	5,515	-69	512	107,085
May	37,955	617	551	36,625	295	30,310	2,126	5,348	-104	531	114,253
June	43,814	992	650	46,176	340	31,613	1,648	5,205	-112	563	130,890
July	46,789	924	597	56,073	328	32,180	1,430	4,834	-137	554	143,572
August	48,308	1,276	608	69,702	340	32,578	1,328	5,336	-131	569	159,913
September	42,278	695	572	50,075	302	30,761	1,099	5,340	-151	530	131,500
October	40,971	589	509	43,027	292	28,938	1,159	5,538	-299	544	121,269
November	39,631	430	554	32,334	305	30,605	1,418	5,305	-113	485	110,955
December	44,569	984	683	36,945	306	33,813	1,820	5,580	-134	596	125,161
Total	**509,457**	**13,901**	**6,920**	**501,011**	**3,800**	**365,003**	**20,157**	**63,988**	**-1,569**	**6,456**	**1,489,126**
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
Total	**380,354**	**6,170**	**4,958**	**373,616**	**3,866**	**285,578**	**17,337**	**56,237**	**-848**	**4,997**	**1,132,265**
Year-to-Date											
2006	372,661	8,461	6,237	355,112	2,972	273,841	19,089	43,819	-937	4,882	1,086,136
2007	384,287	11,898	5,174	388,705	2,896	271,648	15,760	47,565	-1,023	4,830	1,131,740
2008	380,354	6,170	4,958	373,616	3,866	285,578	17,337	56,237	-848	4,997	1,132,265
Rolling 12 Months Ending in September											
2007	509,967	14,003	7,341	485,972	3,880	359,684	21,062	63,094	-1,363	6,387	1,470,026
2008	505,525	8,173	6,705	485,922	4,770	378,933	21,733	72,661	-1,393	6,622	1,489,650

[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." • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	**1,289**	**235**	**7**	**4,345**	**24**	--	**93**	**1,595**	--	**783**	**8,371**
2007											
January	113	28	1	355	2	--	15	142	--	62	717
February	114	27	1	349	2	--	8	122	--	53	676
March	109	25	1	363	2	--	9	146	--	61	716
April	93	20	1	350	2	--	9	110	--	65	651
May	100	13	--	362	2	--	10	133	--	71	690
June	99	10	--	394	2	--	5	144	--	65	719
July	105	10	--	417	2	--	*	154	--	70	758
August	117	14	1	432	2	--	2	137	--	65	770
September	104	8	1	379	2	--	*	134	--	62	690
October	106	9	1	392	1	--	3	142	--	70	724
November	110	10	1	351	1	--	4	143	--	62	683
December	114	12	1	367	1	--	6	145	--	62	709
Total	**1,285**	**186**	**9**	**4,511**	**20**	--	**71**	**1,653**	--	**769**	**8,503**
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
Total	**1,199**	**76**	**3**	**3,263**	--	--	**61**	**1,262**	--	**570**	**6,435**
Year-to-Date											
2006	975	187	4	3,248	18	--	70	1,185	--	588	6,276
2007	954	155	6	3,400	16	--	59	1,222	--	575	6,388
2008	1,199	76	3	3,263	--	--	61	1,262	--	570	6,435
Rolling 12 Months Ending in September											
2007	1,274	202	9	4,498	16	--	82	1,638	--	764	8,483
2008	1,530	107	7	4,373	4	--	74	1,692	--	764	8,550

[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 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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.

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Table 1.5. Net Generation by Energy Source: Industrial Combined Heat and Power Sector, 1994 through September 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	**19,861**	**2,531**	**1,666**	**74,255**	**12,096**	--	**2,899**	**28,897**	--	**6,049**	**148,254**
2007											
January	1,443	245	131	6,489	966	--	402	2,409	--	468	12,552
February	1,332	256	135	5,716	856	--	207	2,199	--	475	11,176
March	1,502	237	147	5,849	1,079	--	211	2,310	--	512	11,846
April	1,366	244	131	5,621	1,028	--	200	2,369	--	520	11,478
May	1,462	232	145	5,998	1,035	--	180	2,325	--	538	11,916
June	1,456	168	158	6,059	1,017	--	218	2,369	--	453	11,897
July	1,522	160	164	6,513	1,033	--	142	2,511	--	511	12,556
August	1,541	170	166	6,946	990	--	216	2,498	--	520	13,048
September	1,428	126	132	6,402	954	--	107	2,431	--	478	12,057
October	1,423	139	139	6,526	861	--	117	2,439	--	501	12,145
November	1,312	157	148	6,203	852	--	113	2,422	--	460	11,666
December	1,360	185	149	6,538	841	--	157	2,475	--	488	12,191
Total	**17,146**	**2,318**	**1,745**	**74,860**	**11,510**	--	**2,269**	**28,758**	--	**5,923**	**144,529**
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
Total	**13,188**	**1,117**	**948**	**55,581**	**7,911**	--	**1,671**	**21,141**	--	**2,258**	**103,815**
Year-to-Date											
2006	15,037	1,904	1,264	55,551	9,270	--	1,996	21,619	--	4,445	111,087
2007	13,051	1,837	1,310	55,594	8,956	--	1,882	21,421	--	4,475	108,526
2008	13,188	1,117	948	55,581	7,911	--	1,671	21,141	--	2,258	103,815
Rolling 12 Months Ending in September											
2007	17,768	2,481	1,715	74,996	11,233	--	2,785	28,713	--	5,818	145,508
2008	17,282	1,598	1,384	74,848	10,465	--	2,057	28,477	--	3,706	139,817

[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." • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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.

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

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**10,810**	**11,377**	**-5.0**	**426**	**454**	**9,873**	**10,402**	**69**	**62**	**441**	**460**
Connecticut	2,633	2,938	-10.4	NM	NM	2,603	2,905	NM	NM	NM	27
Maine	1,399	1,133	23.5	NM	NM	999	721	NM	16	383	396
Massachusetts	3,670	4,017	-8.6	NM	64	3,555	3,892	44	36	NM	24
New Hampshire	1,954	2,134	-8.4	317	338	1,624	1,783	NM	NM	NM	NM
Rhode Island	600	743	-19.3	NM	1	595	736	NM	NM	--	NM
Vermont	553	414	33.5	NM	48	NM	365	--	--	NM	NM
Middle Atlantic	**35,805**	**35,974**	**-.5**	**3,091**	**3,149**	**32,205**	**32,332**	**104**	**99**	**404**	**394**
New Jersey	6,013	5,713	5.2	NM	-13	5,955	5,645	NM	NM	61	70
New York	11,813	12,060	-2.0	3,077	3,144	8,580	8,775	60	54	96	87
Pennsylvania	17,979	18,201	-1.2	NM	19	17,670	17,912	34	34	248	236
East North Central	**52,885**	**55,964**	**-5.5**	**28,507**	**31,898**	**23,396**	**23,012**	**123**	**123**	**859**	**931**
Illinois	16,242	16,922	-4.0	352	824	15,635	15,823	40	44	215	231
Indiana	10,316	10,861	-5.0	9,258	9,781	767	789	20	15	NM	277
Michigan	9,074	9,458	-4.1	7,540	7,975	1,378	1,283	54	55	103	146
Ohio	12,100	13,561	-10.8	7,713	8,580	4,302	4,905	NM	--	85	76
Wisconsin	5,153	5,161	-.2	3,645	4,738	1,313	212	NM	9	NM	201
West North Central	**25,377**	**25,756**	**-1.5**	**23,854**	**24,276**	**1,204**	**1,145**	**50**	**52**	**269**	**283**
Iowa	3,966	4,340	-8.6	3,313	3,666	NM	538	25	24	104	113
Kansas	4,047	4,219	-4.1	3,953	4,144	92	72	NM	--	NM	NM
Minnesota	3,909	4,343	-10.0	3,397	3,846	374	356	NM	8	129	134
Missouri	7,503	7,148	5.0	7,362	6,999	109	115	16	19	NM	15
Nebraska	2,714	2,871	-5.4	2,709	2,865	NM	NM	NM	NM	NM	NM
North Dakota	2,663	2,302	15.7	2,551	2,236	98	50	--	--	NM	16
South Dakota	576	534	7.7	569	520	7	14	--	--	--	--
South Atlantic	**67,927**	**73,087**	**-7.1**	**56,745**	**60,535**	**9,739**	**10,922**	**53**	**51**	**1,391**	**1,580**
Delaware	617	723	-14.7	NM	NM	530	634	--	--	85	87
District of Columbia	1	6	-89.5	--	--	1	6	--	--	--	--
Florida	20,718	21,463	-3.5	18,791	19,142	1,642	1,912	NM	6	277	404
Georgia	11,830	12,870	-8.1	10,732	11,628	671	815	NM	*	427	426
Maryland	3,810	3,988	-4.5	NM	NM	3,759	3,933	NM	4	47	50
North Carolina	10,111	10,839	-6.7	9,456	10,175	529	494	3	5	NM	165
South Carolina	8,468	8,663	-2.3	8,214	8,347	NM	143	NM	7	146	167
Virginia	5,864	6,458	-9.2	4,683	5,226	923	980	NM	29	226	223
West Virginia	6,508	8,077	-19.4	4,867	6,013	1,583	2,006	--	--	58	58
East South Central	**31,537**	**33,115**	**-4.8**	**27,712**	**28,737**	**3,080**	**3,599**	**NM**	**11**	**NM**	**768**
Alabama	12,121	12,696	-4.5	10,448	10,729	1,296	1,577	--	--	NM	389
Kentucky	8,222	7,968	3.2	7,271	6,977	919	954	--	--	31	38
Mississippi	3,497	4,560	-23.3	2,491	3,355	860	1,061	NM	--	NM	145
Tennessee	7,697	7,890	-2.4	7,502	7,677	5	7	NM	11	181	196
West South Central	**49,325**	**56,542**	**-12.8**	**19,514**	**21,013**	**25,465**	**29,785**	**NM**	**51**	**4,297**	**5,694**
Arkansas	4,358	4,991	-12.7	3,732	4,056	NM	780	NM	NM	157	155
Louisiana	6,583	8,320	-20.9	3,263	3,885	1,658	2,191	NM	4	1,659	2,240
Oklahoma	6,137	6,467	-5.1	4,526	4,696	1,512	1,679	NM	NM	NM	91
Texas	32,247	36,764	-12.3	7,993	8,376	21,826	25,136	NM	45	2,384	3,207
Mountain	**32,064**	**31,913**	**.5**	**24,980**	**24,512**	**6,770**	**7,060**	**NM**	**13**	**298**	**328**
Arizona	11,117	10,413	6.8	8,371	7,874	2,699	2,497	NM	NM	NM	35
Colorado	3,969	4,356	-8.9	3,169	3,308	792	1,042	5	--	NM	NM
Idaho	851	827	2.9	NM	531	227	248	--	--	34	48
Montana	2,178	2,301	-5.3	NM	378	1,712	1,913	--	--	NM	NM
Nevada	3,166	2,937	7.8	2,170	1,908	970	994	--	--	NM	35
New Mexico	2,909	3,204	-9.2	2,764	3,025	NM	169	NM	NM	NM	NM
Utah	4,008	3,951	1.4	3,807	3,755	NM	81	NM	NM	125	112
Wyoming	3,866	3,924	-1.5	3,652	3,733	NM	115	--	--	56	77
Pacific Contiguous	**29,404**	**29,748**	**-1.2**	**15,364**	**15,074**	**12,536**	**12,893**	**160**	**196**	**1,344**	**1,583**
California	18,079	19,086	-5.3	7,144	7,389	9,614	10,091	NM	195	1,163	1,411
Oregon	4,185	3,832	9.2	2,997	2,741	1,066	974	NM	NM	121	116
Washington	7,140	6,830	4.5	5,222	4,944	1,856	1,828	NM	NM	59	56
Pacific Noncontiguous	**1,451**	**1,503**	**-3.5**	**1,025**	**1,086**	**356**	**349**	**43**	**32**	**NM**	**37**
Alaska	487	516	-5.6	447	466	NM	15	17	19	NM	16
Hawaii	964	987	-2.4	578	619	341	334	26	13	NM	21
U.S. Total	**336,584**	**354,981**	**-5.2**	**201,218**	**210,734**	**124,624**	**131,500**	**678**	**690**	**10,064**	**12,057**

* = 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 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 1.6.B. Net Generation by State by Sector, Year-to-Date through September 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	**94,518**	**101,051**	**-6.5**	**4,294**	**4,753**	**85,450**	**91,545**	**627**	**626**	**4,147**	**4,127**
Connecticut	23,500	25,459	-7.7	NM	NM	23,226	25,163	NM	31	NM	236
Maine	11,967	12,052	-.7	NM	NM	8,225	8,394	140	137	3,601	3,521
Massachusetts	31,565	36,023	-12.4	NM	573	30,434	34,827	405	395	NM	229
New Hampshire	16,762	17,626	-4.9	3,168	3,590	13,465	13,897	NM	15	NM	124
Rhode Island	5,515	5,254	5.0	NM	14	5,468	5,190	NM	49	*	NM
Vermont	5,209	4,637	12.3	NM	546	4,632	4,074	--	--	NM	17
Middle Atlantic	**324,050**	**332,825**	**-2.6**	**30,476**	**32,667**	**288,956**	**295,366**	**888**	**902**	**3,730**	**3,890**
New Jersey	49,871	47,699	4.6	NM	149	48,890	46,814	NM	94	NM	642
New York	105,932	112,262	-5.6	29,152	31,682	75,378	79,120	507	514	895	944
Pennsylvania	168,247	172,864	-2.7	NM	835	164,688	169,431	298	293	NM	2,304
East North Central	**499,741**	**507,232**	**-1.5**	**272,616**	**291,743**	**217,868**	**206,005**	**1,014**	**1,084**	**8,243**	**8,399**
Illinois	148,680	151,777	-2.0	3,140	7,803	143,216	141,477	351	406	NM	2,090
Indiana	98,514	99,506	-1.0	87,952	89,862	7,686	7,062	158	166	NM	2,417
Michigan	88,775	92,109	-3.6	72,709	76,045	14,708	14,338	411	421	947	1,305
Ohio	115,679	116,081	-.3	74,205	75,088	40,683	40,277	NM	--	791	716
Wisconsin	48,093	47,758	.7	34,610	42,946	11,575	2,850	NM	90	NM	1,871
West North Central	**238,345**	**236,350**	**.8**	**224,285**	**224,032**	**11,160**	**9,328**	**450**	**431**	**2,450**	**2,559**
Iowa	38,999	37,070	5.2	33,056	31,755	4,888	4,146	NM	185	833	984
Kansas	34,821	37,675	-7.6	33,917	37,041	881	621	NM	--	NM	13
Minnesota	40,453	40,478	-.1	35,505	35,814	3,610	3,340	NM	75	1,256	1,250
Missouri	70,906	69,054	2.7	69,597	68,064	1,034	700	137	157	NM	132
Nebraska	24,716	24,201	2.1	24,663	24,147	NM	NM	NM	13	NM	37
North Dakota	23,360	23,148	.9	22,537	22,597	662	408	--	--	NM	143
South Dakota	5,090	4,723	7.8	5,009	4,614	NM	109	--	--	--	--
South Atlantic	**621,388**	**638,715**	**-2.7**	**516,998**	**526,366**	**90,334**	**96,886**	**507**	**471**	**13,549**	**14,992**
Delaware	5,926	6,377	-7.1	NM	NM	5,262	5,502	--	--	649	859
District of Columbia	70	73	-4.5	--	--	70	73	--	--	--	--
Florida	169,349	173,158	-2.2	152,145	154,257	14,325	15,206	NM	65	2,801	3,630
Georgia	106,437	110,727	-3.9	98,005	100,609	4,587	6,231	NM	6	3,844	3,882
Maryland	36,225	37,803	-4.2	NM	NM	35,784	37,309	NM	37	395	438
North Carolina	96,908	98,648	-1.8	91,354	92,561	3,928	4,165	71	51	1,554	1,871
South Carolina	78,748	79,989	-1.6	76,221	77,223	1,038	1,210	NM	65	1,429	1,490
Virginia	56,546	60,689	-6.8	46,184	49,584	8,030	8,920	NM	247	2,074	1,937
West Virginia	71,180	71,252	-.1	53,066	52,097	17,311	18,271	--	--	803	884
East South Central	**292,918**	**297,190**	**-1.4**	**256,588**	**258,946**	**29,200**	**30,849**	**NM**	**106**	**7,038**	**7,288**
Alabama	111,663	110,986	.6	97,925	95,413	10,233	12,066	--	--	3,505	3,507
Kentucky	73,819	74,192	-.5	64,829	65,219	8,598	8,577	--	--	391	397
Mississippi	38,470	39,293	-2.1	26,791	27,811	10,315	10,096	NM	10	NM	1,375
Tennessee	68,967	72,718	-5.2	67,043	70,503	55	109	NM	96	1,783	2,010
West South Central	**484,104**	**478,910**	**1.1**	**185,726**	**183,569**	**249,142**	**244,529**	**NM**	**442**	**48,777**	**50,371**
Arkansas	41,990	42,574	-1.4	34,846	34,946	5,679	6,186	NM	NM	1,461	1,438
Louisiana	69,332	70,921	-2.2	32,244	32,985	17,715	17,799	NM	32	19,345	20,104
Oklahoma	58,657	56,434	3.9	44,350	41,391	13,415	14,265	NM	20	NM	758
Texas	314,124	308,982	1.7	74,285	74,247	212,333	206,278	NM	387	27,105	28,070
Mountain	**282,323**	**275,920**	**2.3**	**222,822**	**217,587**	**56,588**	**55,457**	**NM**	**141**	**2,772**	**2,735**
Arizona	90,005	86,914	3.6	71,908	68,604	17,732	17,960	NM	56	NM	294
Colorado	39,777	39,758	.0	31,151	31,528	8,571	8,146	33	26	NM	58
Idaho	9,871	9,176	7.6	NM	7,075	1,953	1,652	--	--	383	449
Montana	21,929	21,569	1.7	NM	5,163	16,362	16,319	--	--	NM	86
Nevada	25,303	24,994	1.2	16,802	16,436	8,223	8,271	--	--	NM	287
New Mexico	26,239	27,195	-3.5	24,545	25,742	NM	1,380	NM	39	NM	33
Utah	34,936	32,693	6.9	33,315	31,216	NM	679	NM	20	952	777
Wyoming	34,264	33,622	1.9	32,073	31,823	NM	1,049	--	--	706	749
Pacific Contiguous	**291,485**	**284,358**	**2.5**	**176,491**	**170,288**	**100,543**	**98,467**	**1,617**	**1,793**	**12,834**	**13,810**
California	163,794	162,750	.6	72,691	68,239	78,199	80,470	NM	1,738	11,341	12,304
Oregon	43,760	39,788	10.0	33,490	31,525	9,264	7,222	NM	NM	1,004	1,037
Washington	83,930	81,820	2.6	70,311	70,524	13,081	10,776	NM	51	489	469
Pacific Noncontiguous	**13,277**	**14,063**	**-5.6**	**9,340**	**10,010**	**3,022**	**3,309**	**639**	**390**	**277**	**355**
Alaska	5,014	5,182	-3.2	4,368	4,722	NM	139	382	174	NM	147
Hawaii	8,263	8,881	-7.0	4,972	5,288	2,876	3,170	257	215	158	207
U.S. Total	**3,142,149**	**3,166,614**	**-.8**	**1,899,635**	**1,919,960**	**1,132,265**	**1,131,740**	**6,435**	**6,388**	**103,815**	**108,526**

* = 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 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**1,571**	**1,527**	**2.8**	**254**	**299**	**1,291**	**1,207**	**--**	**--**	**NM**	**22**
Connecticut	397	331	19.9	--	--	397	331	--	--	--	--
Maine	27	28	-4.2	--	--	6	11	--	--	21	18
Massachusetts	893	870	2.7	--	--	889	865	--	--	NM	NM
New Hampshire	254	299	-15.1	254	299	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**11,834**	**12,253**	**-3.4**	**NM**	**128**	**11,669**	**12,001**	**NM**	**NM**	**143**	**123**
New Jersey	910	868	4.9	NM	NM	902	863	--	--	--	--
New York	1,785	1,687	5.8	NM	123	1,730	1,529	1	*	41	34
Pennsylvania	9,139	9,698	-5.8	--	--	9,036	9,609	NM	NM	NM	88
East North Central	**36,519**	**39,188**	**-6.8**	**25,721**	**28,052**	**10,404**	**10,725**	**51**	**42**	**343**	**368**
Illinois	7,777	8,019	-3.0	318	739	7,271	7,079	4	6	184	195
Indiana	9,754	10,153	-3.9	9,164	9,548	570	590	15	11	NM	NM
Michigan	5,445	6,134	-11.2	5,337	6,037	NM	39	28	21	39	36
Ohio	10,158	11,441	-11.2	7,611	8,395	2,513	3,014	NM	--	NM	32
Wisconsin	3,384	3,441	-1.7	3,291	3,333	NM	NM	NM	5	82	101
West North Central	**19,131**	**19,125**	**.0**	**18,881**	**18,872**	**4**	**2**	**37**	**37**	**210**	**215**
Iowa	3,190	3,485	-8.5	3,066	3,354	--	--	21	18	102	113
Kansas	2,893	3,060	-5.4	2,893	3,060	--	--	--	--	--	--
Minnesota	2,544	2,574	-1.1	2,461	2,496	4	2	--	--	NM	75
Missouri	6,049	5,750	5.2	6,019	5,719	--	--	16	18	NM	13
Nebraska	1,721	1,810	-4.9	1,717	1,807	--	--	--	--	NM	NM
North Dakota	2,454	2,151	14.1	2,444	2,141	--	--	--	--	NM	9
South Dakota	280	295	-5.2	280	295	--	--	--	--	--	--
South Atlantic	**33,986**	**37,939**	**-10.4**	**28,291**	**31,804**	**5,355**	**5,850**	**3**	**3**	**338**	**282**
Delaware	351	440	-20.3	--	--	342	433	--	--	NM	8
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	5,731	6,108	-6.2	5,224	5,637	482	448	--	--	NM	23
Georgia	7,493	7,742	-3.2	7,402	7,681	--	--	--	--	91	61
Maryland	2,236	2,326	-3.9	--	--	2,214	2,303	--	--	22	23
North Carolina	6,075	6,704	-9.4	5,725	6,396	NM	282	3	3	NM	23
South Carolina	3,280	3,568	-8.0	3,254	3,543	--	--	--	--	27	25
Virginia	2,430	3,100	-21.6	1,867	2,585	474	437	NM	--	89	78
West Virginia	6,389	7,951	-19.6	4,819	5,962	1,529	1,947	--	--	41	42
East South Central	**20,150**	**20,768**	**-3.0**	**19,039**	**19,708**	**951**	**908**	**NM**	**3**	**157**	**149**
Alabama	6,213	6,623	-6.2	6,178	6,586	14	17	--	--	NM	19
Kentucky	7,784	7,467	4.2	7,111	6,721	673	746	--	--	--	--
Mississippi	1,214	1,442	-15.8	951	1,297	263	145	--	--	NM	--
Tennessee	4,939	5,237	-5.7	4,799	5,103	--	--	NM	3	136	130
West South Central	**19,417**	**19,698**	**-1.4**	**11,061**	**10,942**	**8,288**	**8,700**	**--**	**--**	**NM**	**56**
Arkansas	2,009	2,322	-13.5	1,999	2,314	--	--	--	--	NM	8
Louisiana	1,657	2,105	-21.2	921	906	736	1,196	--	--	NM	2
Oklahoma	3,066	2,939	4.3	2,783	2,677	224	215	--	--	NM	46
Texas	12,686	12,333	2.9	5,357	5,044	7,328	7,288	--	--	--	--
Mountain	**17,900**	**17,733**	**.9**	**16,156**	**15,795**	**1,576**	**1,767**	**--**	**--**	**168**	**171**
Arizona	3,872	3,296	17.5	3,831	3,261	--	--	--	--	NM	35
Colorado	2,685	2,628	2.1	2,661	2,603	NM	25	--	--	--	--
Idaho	NM	7	--	--	--	--	--	--	--	NM	7
Montana	1,432	1,676	-14.5	NM	NM	1,401	1,646	--	--	--	--
Nevada	639	658	-3.0	639	658	--	--	--	--	--	--
New Mexico	2,265	2,402	-5.7	2,265	2,402	--	--	--	--	--	--
Utah	3,278	3,311	-1.0	3,142	3,163	NM	NM	--	--	102	112
Wyoming	3,722	3,755	-.9	3,587	3,678	NM	NM	--	--	18	18
Pacific Contiguous	**1,505**	**1,418**	**6.1**	**351**	**411**	**1,113**	**965**	**--**	**--**	**42**	**42**
California	213	206	3.2	--	--	175	166	--	--	38	40
Oregon	351	411	-14.6	351	411	--	--	--	--	--	--
Washington	942	801	17.5	--	--	938	798	--	--	4	3
Pacific Noncontiguous	**NM**	**190**	**--**	**18**	**18**	**NM**	**153**	**NM**	**18**	**--**	**--**
Alaska	NM	51	--	18	18	NM	15	NM	18	--	--
Hawaii	NM	138	--	--	--	NM	138	--	--	--	--
U.S. Total	**162,207**	**169,839**	**-4.5**	**119,792**	**126,029**	**40,808**	**42,278**	**112**	**104**	**1,494**	**1,428**

* = 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 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.B. Net Generation from Coal by State by Sector, Year-to-Date through September 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	**13,619**	**15,555**	**-12.4**	**2,491**	**2,838**	**10,923**	**12,499**	**--**	**--**	**NM**	**217**
Connecticut	3,286	3,190	3.0	--	--	3,286	3,190	--	--	--	--
Maine	309	289	7.0	--	--	145	110	--	--	164	179
Massachusetts	7,532	9,237	-18.5	--	--	7,491	9,199	--	--	NM	38
New Hampshire	2,491	2,838	-12.2	2,491	2,838	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**113,216**	**118,011**	**-4.1**	**NM**	**1,260**	**110,825**	**115,416**	**NM**	**22**	**1,296**	**1,313**
New Jersey	7,416	7,493	-1.0	NM	281	6,900	7,212	--	--	--	--
New York	15,377	16,360	-6.0	NM	979	14,439	14,959	17	14	368	408
Pennsylvania	90,423	94,157	-4.0	--	--	89,486	93,245	NM	7	NM	905
East North Central	**348,075**	**347,836**	**.1**	**244,955**	**249,507**	**99,471**	**94,626**	**389**	**394**	**3,259**	**3,309**
Illinois	72,499	71,900	.8	2,721	7,136	68,047	62,928	29	60	NM	1,776
Indiana	92,532	93,485	-1.0	86,696	87,707	5,672	5,614	121	124	NM	41
Michigan	52,535	52,853	-.6	51,615	52,006	NM	344	203	175	342	328
Ohio	98,798	99,548	-.8	73,170	73,533	25,284	25,703	NM	--	NM	313
Wisconsin	31,710	30,049	5.5	30,753	29,126	NM	NM	NM	35	828	852
West North Central	**179,132**	**175,420**	**2.1**	**176,957**	**173,169**	**24**	**24**	**NM**	**298**	**1,835**	**1,929**
Iowa	30,657	28,474	7.7	29,644	27,337	--	--	NM	153	828	984
Kansas	25,809	27,329	-5.6	25,809	27,329	--	--	--	--	--	--
Minnesota	24,750	24,618	.5	23,979	23,890	24	24	--	--	NM	703
Missouri	56,930	56,895	.1	56,669	56,631	--	--	132	145	NM	119
Nebraska	16,628	14,137	17.6	16,589	14,100	--	--	--	--	NM	37
North Dakota	21,625	21,615	.0	21,533	21,529	--	--	--	--	NM	87
South Dakota	2,734	2,353	16.2	2,734	2,353	--	--	--	--	--	--
South Atlantic	**329,875**	**335,436**	**-1.7**	**275,172**	**278,218**	**51,701**	**54,520**	**63**	**41**	**2,940**	**2,656**
Delaware	4,019	4,041	-.5	--	--	3,941	3,969	--	--	NM	72
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	50,213	51,354	-2.2	46,359	47,248	3,638	3,905	--	--	NM	201
Georgia	67,373	68,790	-2.1	66,669	68,221	--	--	--	--	704	569
Maryland	21,164	22,493	-5.9	--	--	20,988	22,293	--	--	177	200
North Carolina	59,510	60,664	-1.9	56,767	57,990	NM	2,378	63	41	NM	254
South Carolina	33,217	31,240	6.3	32,927	30,988	--	--	--	--	290	252
Virginia	24,679	27,188	-9.2	19,876	22,239	3,999	4,270	NM	--	803	678
West Virginia	69,699	69,667	.0	52,572	51,532	16,726	17,705	--	--	400	430
East South Central	**184,279**	**188,218**	**-2.1**	**173,959**	**177,778**	**8,864**	**8,971**	**NM**	**37**	**1,430**	**1,433**
Alabama	57,489	60,056	-4.3	57,179	59,748	128	138	--	--	NM	170
Kentucky	68,713	68,953	-.3	62,301	62,414	6,412	6,539	--	--	--	--
Mississippi	13,575	13,671	-.7	11,244	11,375	2,324	2,294	--	--	NM	3
Tennessee	44,502	45,537	-2.3	43,234	44,241	--	--	NM	37	1,241	1,260
West South Central	**177,691**	**173,319**	**2.5**	**101,747**	**97,555**	**75,339**	**75,248**	**--**	**--**	**NM**	**515**
Arkansas	19,190	19,738	-2.8	19,098	19,663	--	--	--	--	NM	76
Louisiana	18,193	17,274	5.3	8,668	7,539	9,505	9,712	--	--	NM	24
Oklahoma	28,220	26,245	7.5	26,127	24,113	1,599	1,716	--	--	NM	416
Texas	112,088	110,061	1.8	47,854	46,241	64,234	63,820	--	--	--	--
Mountain	**158,006**	**157,295**	**.5**	**142,149**	**141,814**	**14,580**	**14,197**	**--**	**--**	**1,277**	**1,284**
Arizona	32,525	31,017	4.9	32,227	30,733	--	--	--	--	NM	284
Colorado	26,443	27,110	-2.5	26,294	26,900	NM	210	--	--	--	--
Idaho	NM	61	--	--	--	--	--	--	--	NM	61
Montana	13,474	13,401	.6	NM	265	13,188	13,135	--	--	--	--
Nevada	5,121	5,116	.1	5,121	5,116	--	--	--	--	--	--
New Mexico	19,532	20,953	-6.8	19,532	20,953	--	--	--	--	--	--
Utah	28,449	27,859	2.1	27,406	26,765	NM	319	--	--	735	774
Wyoming	32,397	31,778	1.9	31,283	31,082	NM	532	--	--	178	164
Pacific Contiguous	**10,392**	**10,914**	**-4.8**	**2,807**	**3,120**	**7,245**	**7,400**	**--**	**--**	**340**	**394**
California	1,687	1,739	-3.0	--	--	1,375	1,384	--	--	312	354
Oregon	2,807	3,120	-10.0	2,807	3,120	--	--	--	--	--	--
Washington	5,898	6,056	-2.6	--	--	5,870	6,016	--	--	28	40
Pacific Noncontiguous	**NM**	**1,712**	**12.4**	**164**	**163**	**1,382**	**1,386**	**NM**	**163**	**--**	**--**
Alaska	NM	465	--	164	163	NM	139	NM	163	--	--
Hawaii	1,236	1,247	-.9	--	--	1,236	1,247	--	--	--	--
U.S. Total	**1,516,211**	**1,523,714**	**-.5**	**1,121,470**	**1,125,422**	**380,354**	**384,287**	**1,199**	**954**	**13,188**	**13,051**

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

Notes: • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**245**	**297**	**-17.5**	**NM**	**5**	**212**	**259**	**NM**	**4**	**23**	**29**
Connecticut	12	72	-83.2	NM	NM	10	71	NM	NM	NM	NM
Maine	17	26	-33.0	NM	NM	NM	4	NM	*	16	22
Massachusetts	203	180	13.2	NM	NM	195	172	NM	NM	NM	NM
New Hampshire	NM	16	--	NM	1	NM	12	NM	NM	NM	NM
Rhode Island	NM	2	--	NM	1	NM	NM	NM	NM	--	NM
Vermont	NM	1	--	NM	1	--	--	--	--	--	--
Middle Atlantic	**178**	**426**	**-58.2**	**77**	**226**	**89**	**185**	**NM**	**3**	**NM**	**12**
New Jersey	NM	22	--	NM	NM	NM	20	NM	NM	NM	NM
New York	125	340	-63.1	76	224	41	104	NM	3	6	9
Pennsylvania	39	64	-38.7	NM	NM	36	61	NM	NM	NM	3
East North Central	**70**	**94**	**-25.3**	**54**	**78**	**13**	**11**	**NM**	**NM**	**NM**	**5**
Illinois	12	10	19.2	NM	NM	11	8	NM	NM	NM	NM
Indiana	11	12	-15.0	9	10	NM	NM	NM	*	NM	2
Michigan	21	43	-50.9	20	42	NM	NM	NM	NM	NM	1
Ohio	22	19	15.2	20	15	NM	3	--	--	NM	*
Wisconsin	NM	10	--	NM	8	NM	NM	NM	--	NM	NM
West North Central	**29**	**29**	**.9**	**29**	**28**	**NM**	*****	**NM**	**NM**	**NM**	**NM**
Iowa	NM	11	--	NM	11	NM	*	NM	*	NM	NM
Kansas	NM	3	--	NM	3	--	--	NM	--	--	--
Minnesota	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM
Missouri	NM	5	--	NM	5	--	--	NM	NM	--	--
Nebraska	NM	NM	--	NM	NM	--	--	--	*	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	*
South Dakota	NM	NM	--	NM	NM	--	--	--	--	--	--
South Atlantic	**1,438**	**1,857**	**-22.6**	**1,309**	**1,724**	**58**	**81**	**NM**	**NM**	**70**	**51**
Delaware	44	7	582.5	NM	NM	NM	NM	--	--	42	5
District of Columbia	1	6	-89.5	--	--	1	6	--	--	--	--
Florida	1,266	1,688	-25.0	1,234	1,660	NM	18	NM	--	NM	11
Georgia	13	11	16.9	2	4	NM	NM	NM	*	11	7
Maryland	26	50	-48.6	NM	NM	24	48	NM	NM	NM	NM
North Carolina	20	27	-25.4	14	18	NM	NM	NM	NM	NM	9
South Carolina	9	26	-66.6	8	14	--	--	NM	NM	1	12
Virginia	52	24	116.2	43	11	6	7	--	*	NM	6
West Virginia	8	18	-55.1	8	16	--	2	--	--	--	--
East South Central	**52**	**24**	**118.3**	**45**	**19**	**NM**	**1**	**--**	**--**	**NM**	**4**
Alabama	NM	8	--	9	4	NM	NM	--	--	NM	4
Kentucky	7	7	13.7	6	6	NM	1	--	--	--	--
Mississippi	21	1	NM	20	1	--	--	--	--	NM	*
Tennessee	10	9	10.8	10	8	--	--	--	--	NM	NM
West South Central	**149**	**24**	**510.3**	**134**	**18**	**NM**	**2**	**NM**	**NM**	**NM**	**5**
Arkansas	NM	NM	--	NM	NM	--	--	--	--	NM	NM
Louisiana	138	6	NM	132	4	2	*	--	--	NM	1
Oklahoma	NM	2	--	NM	1	--	--	NM	--	NM	1
Texas	NM	5	--	NM	NM	NM	1	NM	NM	NM	1
Mountain	**16**	**19**	**-16.7**	**10**	**15**	**NM**	**NM**	**NM**	**--**	**NM**	**NM**
Arizona	NM	5	--	NM	5	--	--	NM	--	NM	*
Colorado	NM	NM	--	NM	NM	NM	NM	--	--	NM	--
Idaho	NM	NM	--	NM	NM	--	--	--	--	--	--
Montana	3	NM	--	NM	NM	3	NM	--	--	--	--
Nevada	NM	*	--	NM	*	*	--	--	--	--	--
New Mexico	NM	3	--	NM	3	NM	NM	--	--	NM	--
Utah	NM	NM	--	NM	NM	NM	NM	--	--	--	--
Wyoming	NM	NM	--	1	NM	NM	NM	--	--	NM	*
Pacific Contiguous	**19**	**10**	**82.6**	**NM**	**4**	**NM**	**NM**	**NM**	**NM**	**10**	**2**
California	16	8	112.2	6	4	NM	NM	NM	NM	NM	*
Oregon	NM	*	--	*	*	--	--	--	--	NM	--
Washington	NM	2	--	NM	NM	1	*	NM	NM	NM	2
Pacific Noncontiguous	**798**	**867**	**-8.0**	**624**	**700**	**156**	**148**	**NM**	*****	**NM**	**19**
Alaska	50	86	-42.6	47	82	--	--	NM	*	NM	4
Hawaii	748	781	-4.2	577	618	156	148	*	*	NM	14
U.S. Total	**2,994**	**3,648**	**-17.9**	**2,295**	**2,818**	**542**	**695**	**8**	**8**	**150**	**126**

* = 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 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 1.8.B. Net Generation from Petroleum Liquids by State by Sector, Year-to-Date through September 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	**2,638**	**4,721**	**-44.1**	**160**	**331**	**2,150**	**3,879**	**NM**	**62**	**292**	**448**
Connecticut	417	1,060	-60.6	NM	1	394	1,030	NM	NM	NM	29
Maine	333	592	-43.9	NM	NM	123	258	NM	2	208	332
Massachusetts	1,613	2,532	-36.3	NM	41	1,519	2,403	NM	33	NM	56
New Hampshire	249	494	-49.6	108	267	NM	182	NM	15	NM	31
Rhode Island	NM	33	--	NM	14	NM	7	NM	11	*	NM
Vermont	NM	8	--	NM	8	--	--	--	--	--	--
Middle Atlantic	**3,140**	**8,669**	**-63.8**	**1,204**	**3,953**	**1,791**	**4,502**	**23**	**59**	**NM**	**155**
New Jersey	NM	452	--	NM	53	NM	397	NM	NM	NM	NM
New York	2,188	7,079	-69.1	1,181	3,897	905	3,007	19	54	83	122
Pennsylvania	669	1,138	-41.2	NM	NM	627	1,099	NM	5	NM	31
East North Central	**857**	**988**	**-13.3**	**666**	**767**	**143**	**140**	**NM**	**2**	**43**	**80**
Illinois	124	104	18.9	NM	NM	101	79	NM	1	NM	*
Indiana	139	128	8.5	130	101	NM	NM	NM	1	NM	26
Michigan	293	399	-26.6	274	370	NM	NM	NM	*	NM	28
Ohio	227	225	.6	183	166	38	54	--	--	NM	5
Wisconsin	74	131	-43.3	56	105	NM	NM	NM	*	NM	21
West North Central	**335**	**525**	**-36.3**	**325**	**508**	**NM**	**7**	**NM**	**4**	**NM**	**NM**
Iowa	NM	157	--	NM	152	NM	5	NM	*	NM	NM
Kansas	39	39	-1.1	39	39	--	--	NM	--	--	--
Minnesota	NM	154	--	NM	145	NM	2	NM	3	NM	NM
Missouri	61	56	10.6	61	55	--	--	NM	*	--	--
Nebraska	24	NM	--	24	NM	--	--	--	*	--	--
North Dakota	38	37	1.6	36	35	--	--	--	--	NM	2
South Dakota	NM	47	--	NM	47	--	--	--	--	--	--
South Atlantic	**9,441**	**16,988**	**-44.4**	**8,379**	**14,745**	**682**	**1,631**	**NM**	**NM**	**378**	**603**
Delaware	176	212	-16.9	NM	NM	95	184	--	--	82	28
District of Columbia	70	73	-4.5	--	--	70	73	--	--	--	--
Florida	7,542	12,992	-42.0	7,424	12,629	54	238	NM	--	NM	124
Georgia	162	146	11.3	47	65	NM	NM	NM	6	108	73
Maryland	346	871	-60.3	NM	NM	322	831	NM	NM	NM	21
North Carolina	227	365	-37.8	156	183	NM	NM	NM	NM	68	167
South Carolina	97	258	-62.3	82	148	*	*	NM	NM	14	108
Virginia	712	1,909	-62.7	552	1,562	135	284	--	1	25	63
West Virginia	109	162	-32.5	109	138	*	6	--	--	--	17
East South Central	**429**	**740**	**-42.1**	**353**	**631**	**31**	**20**	**--**	**--**	**45**	**90**
Alabama	129	126	2.4	76	NM	14	3	--	--	39	65
Kentucky	89	85	5.0	72	68	17	17	--	--	--	--
Mississippi	46	396	-88.3	42	394	--	--	--	--	NM	2
Tennessee	165	134	23.3	163	111	--	--	--	--	NM	23
West South Central	**427**	**672**	**-36.4**	**271**	**522**	**90**	**74**	**NM**	**NM**	**65**	**74**
Arkansas	31	130	-76.2	26	115	--	--	--	--	NM	NM
Louisiana	239	241	-.6	205	206	10	10	--	--	NM	25
Oklahoma	NM	160	--	11	141	--	--	NM	*	NM	18
Texas	124	141	-12.1	30	60	80	65	NM	NM	NM	NM
Mountain	**203**	**206**	**-1.4**	**147**	**149**	**NM**	**54**	**--**	**--**	**NM**	**NM**
Arizona	42	35	18.2	41	33	--	--	NM	--	NM	2
Colorado	NM	37	--	NM	22	NM	NM	--	--	NM	NM
Idaho	NM	NM	--	NM	NM	--	--	--	--	NM	--
Montana	12	NM	--	NM	NM	12	NM	--	--	--	--
Nevada	NM	NM	--	NM	NM	*	--	--	--	--	--
New Mexico	34	29	18.5	34	27	NM	NM	--	--	NM	*
Utah	NM	52	--	NM	NM	NM	26	--	--	--	--
Wyoming	36	32	11.9	35	31	NM	NM	--	--	NM	1
Pacific Contiguous	**126**	**346**	**-63.6**	**NM**	**53**	**30**	**100**	**NM**	**NM**	**37**	**188**
California	87	308	-71.9	46	45	NM	92	NM	NM	NM	166
Oregon	NM	12	--	9	3	--	--	NM	--	NM	9
Washington	25	26	-2.3	NM	NM	9	7	NM	NM	NM	13
Pacific Noncontiguous	**6,838**	**7,816**	**-12.5**	**5,507**	**6,121**	**1,196**	**1,491**	**NM**	**12**	**131**	**192**
Alaska	581	906	-35.9	550	848	--	--	NM	11	NM	47
Hawaii	6,257	6,910	-9.5	4,957	5,273	1,196	1,491	1	1	104	145
U.S. Total	**24,434**	**41,671**	**-41.4**	**17,071**	**27,781**	**6,170**	**11,898**	**76**	**155**	**1,117**	**1,837**

* = 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 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**NM**	**45**	--	--	--	**11**	**39**	--	--	**NM**	**6**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	11	38	-71.6	--	--	11	38	--	--	--	--
Pennsylvania	NM	NM	--	--	--	NM	NM	--	--	NM	6
East North Central	**158**	**116**	**36.3**	**40**	**39**	**95**	**59**	--	--	**24**	**18**
Illinois	NM	--	--	NM	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	7	7	-6.7	--	2	7	6	--	--	--	--
Ohio	90	55	64.1	--	--	88	54	--	--	NM	NM
Wisconsin	62	54	14.2	40	38	--	--	--	--	22	17
West North Central	**23**	**NM**	--	**23**	**NM**	--	--	*	**1**	--	--
Iowa	1	NM	--	1	NM	--	--	*	1	--	--
Kansas	6	--	--	6	--	--	--	--	--	--	--
Minnesota	16	11	39.1	16	11	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**315**	**384**	**-17.8**	**277**	**346**	--	--	--	--	**38**	**37**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	259	346	-25.3	259	346	--	--	--	--	--	--
Georgia	38	37	2.3	--	--	--	--	--	--	38	37
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	19	--	--	19	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**233**	**204**	**14.2**	--	--	**233**	**204**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	233	204	14.2	--	--	233	204	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**218**	**276**	**-21.2**	**140**	**152**	**62**	**88**	--	--	**NM**	**36**
Arkansas	NM	--	--	--	--	--	--	--	--	NM	--
Louisiana	149	177	-15.7	140	152	--	--	--	--	NM	25
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	69	100	-31.0	--	--	62	88	--	--	NM	12
Mountain	**27**	**34**	**-20.3**	--	--	**27**	**34**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	27	34	-20.3	--	--	27	34	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**120**	**181**	**-33.6**	--	--	**109**	**147**	--	--	**NM**	**35**
California	120	181	-33.6	--	--	109	147	--	--	NM	35
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**1,119**	**1,256**	**-10.9**	**481**	**552**	**538**	**572**	*	**1**	**101**	**132**

* = 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 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.B. Net Generation from Petroleum Coke by State by Sector, Year-to-Date through September 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**	**354**	--	--	--	**120**	**220**	--	--	**NM**	**134**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	96	207	-53.7	--	--	96	207	--	--	--	--
Pennsylvania	NM	146	--	--	--	NM	NM	--	--	NM	134
East North Central	**1,464**	**1,402**	**4.4**	**438**	**431**	**822**	**768**	--	--	**204**	**203**
Illinois	NM	--	--	NM	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	56	76	-26.6	--	16	56	60	--	--	--	--
Ohio	780	717	8.8	--	--	766	708	--	--	NM	9
Wisconsin	628	609	3.1	438	416	--	--	--	--	190	193
West North Central	**230**	**186**	**23.2**	**227**	**181**	--	--	**3**	**6**	--	--
Iowa	78	NM	--	75	NM	--	--	3	6	--	--
Kansas	58	--	--	58	--	--	--	--	--	--	--
Minnesota	93	138	-32.1	93	138	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**2,767**	**4,199**	**-34.1**	**2,407**	**3,782**	--	--	--	--	**360**	**417**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,388	3,782	-36.8	2,388	3,782	--	--	--	--	--	--
Georgia	360	417	-13.7	--	--	--	--	--	--	360	417
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	19	--	--	19	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**2,060**	**1,937**	**6.4**	--	--	**2,060**	**1,937**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	2,060	1,937	6.4	--	--	2,060	1,937	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**2,128**	**2,199**	**-3.2**	**1,239**	**1,248**	**736**	**702**	--	--	**NM**	**248**
Arkansas	*	NM	--	--	--	--	--	--	--	*	NM
Louisiana	1,314	1,381	-4.9	1,239	1,248	--	--	--	--	NM	133
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	813	816	-.3	--	--	736	702	--	--	NM	114
Mountain	**270**	**288**	**-6.0**	--	--	**270**	**288**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	270	288	-6.0	--	--	270	288	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**1,059**	**1,567**	**-32.4**	--	--	**950**	**1,259**	--	--	**NM**	**307**
California	1,059	1,567	-32.4	--	--	950	1,259	--	--	NM	307
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**10,221**	**12,131**	**-15.7**	**4,311**	**5,642**	**4,958**	**5,174**	**3**	**6**	**948**	**1,310**

* = 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 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**4,345**	**5,208**	**-16.6**	**NM**	**36**	**4,120**	**4,948**	**47**	**41**	**171**	**183**
Connecticut	627	932	-32.7	*	--	603	904	NM	NM	NM	24
Maine	656	449	45.9	--	--	528	317	NM	NM	128	132
Massachusetts	1,867	2,323	-19.6	NM	36	1,808	2,238	40	32	NM	NM
New Hampshire	608	776	-21.6	*	*	599	766	--	--	NM	NM
Rhode Island	587	728	-19.4	--	--	583	723	NM	NM	--	--
Vermont	*	*	39.9	*	*	--	--	--	--	--	--
Middle Atlantic	**8,513**	**8,141**	**4.6**	**1,350**	**1,326**	**6,973**	**6,625**	**61**	**55**	**129**	**135**
New Jersey	2,056	1,886	9.0	NM	NM	1,991	1,817	NM	NM	NM	54
New York	4,218	4,325	-2.5	1,346	1,321	2,812	2,950	36	30	NM	24
Pennsylvania	2,239	1,929	16.1	NM	NM	2,169	1,857	NM	14	53	56
East North Central	**1,793**	**2,910**	**-38.4**	**365**	**678**	**1,312**	**2,099**	**43**	**46**	**73**	**87**
Illinois	328	671	-51.0	NM	78	244	529	35	38	NM	NM
Indiana	260	390	-33.2	42	177	197	198	NM	1	21	14
Michigan	662	1,042	-36.4	65	107	586	910	NM	NM	NM	NM
Ohio	194	427	-54.6	42	133	149	289	--	--	NM	NM
Wisconsin	348	380	-8.4	189	183	137	173	NM	4	NM	NM
West North Central	**753**	**1,073**	**-29.9**	**576**	**839**	**165**	**212**	**NM**	**6**	**NM**	**NM**
Iowa	82	NM	--	81	NM	NM	NM	NM	NM	*	--
Kansas	NM	205	--	NM	203	--	--	--	--	NM	NM
Minnesota	153	223	-31.5	77	110	67	97	NM	5	NM	NM
Missouri	309	479	-35.4	211	362	98	115	*	*	NM	NM
Nebraska	27	56	-52.5	26	55	NM	NM	--	NM	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	1
South Dakota	NM	NM	--	NM	NM	--	--	--	--	--	--
South Atlantic	**14,033**	**15,071**	**-6.9**	**11,409**	**11,787**	**2,541**	**3,161**	**NM**	**5**	**79**	**118**
Delaware	177	203	-12.8	NM	NM	175	200	--	--	NM	NM
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	10,151	10,370	-2.1	9,240	9,173	869	1,121	NM	3	38	73
Georgia	1,488	1,769	-15.9	798	938	669	813	--	--	NM	18
Maryland	189	259	-26.9	--	--	182	251	NM	NM	NM	NM
North Carolina	433	600	-27.7	281	462	150	133	*	2	NM	NM
South Carolina	509	658	-22.6	411	517	NM	140	NM	NM	*	1
Virginia	1,071	1,174	-8.7	675	686	386	475	--	--	NM	NM
West Virginia	13	38	-64.7	2	9	11	28	--	--	NM	NM
East South Central	**3,490**	**5,033**	**-30.7**	**1,535**	**2,473**	**1,876**	**2,463**	**NM**	**7**	**NM**	**90**
Alabama	1,845	2,209	-16.5	542	624	1,267	1,541	--	--	NM	44
Kentucky	69	184	-62.3	45	166	12	4	--	--	NM	NM
Mississippi	1,519	2,562	-40.7	902	1,622	597	915	NM	--	NM	25
Tennessee	56	78	-27.9	47	61	--	3	NM	7	NM	NM
West South Central	**22,061**	**27,580**	**-20.0**	**5,522**	**6,610**	**12,922**	**16,392**	**45**	**47**	**3,572**	**4,531**
Arkansas	NM	964	--	NM	172	NM	778	NM	NM	17	14
Louisiana	3,567	4,025	-11.4	1,352	1,382	839	893	NM	4	1,373	1,746
Oklahoma	2,741	3,217	-14.8	1,538	1,855	1,190	1,346	NM	NM	NM	NM
Texas	15,206	19,374	-21.5	2,569	3,201	10,426	13,375	40	41	2,171	2,757
Mountain	**8,784**	**8,966**	**-2.0**	**4,315**	**4,274**	**4,376**	**4,603**	**NM**	**12**	**78**	**77**
Arizona	4,129	3,944	4.7	1,424	1,440	2,699	2,497	NM	NM	NM	--
Colorado	1,046	1,510	-30.8	427	547	611	960	5	--	NM	NM
Idaho	160	197	-18.4	NM	NM	150	183	--	--	4	NM
Montana	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada	2,228	2,017	10.5	1,369	1,118	833	865	--	--	NM	35
New Mexico	533	668	-20.2	485	610	NM	48	NM	NM	NM	NM
Utah	646	580	11.5	597	537	NM	NM	NM	NM	NM	*
Wyoming	34	NM	--	NM	NM	NM	NM	--	--	26	31
Pacific Contiguous	**13,409**	**13,454**	**-.3**	**3,104**	**2,568**	**9,213**	**9,572**	**124**	**159**	**968**	**1,155**
California	10,785	10,973	-1.7	2,302	1,913	7,462	7,806	122	156	899	1,097
Oregon	1,627	1,354	20.2	615	438	944	859	NM	NM	67	56
Washington	997	1,127	-11.5	187	217	807	906	NM	NM	2	1
Pacific Noncontiguous	**309**	**306**	**1.1**	**304**	**295**	**--**	**--**	**--**	**--**	**NM**	**NM**
Alaska	309	306	1.1	304	295	--	--	--	--	NM	NM
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**77,490**	**87,741**	**-11.7**	**28,488**	**30,886**	**43,497**	**50,075**	**352**	**379**	**5,153**	**6,402**

* = 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 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 1.10.B. Net Generation from Natural Gas by State by Sector, Year-to-Date through September 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	**37,846**	**41,066**	**-7.8**	**NM**	**251**	**35,707**	**38,975**	**414**	**407**	**1,547**	**1,432**
Connecticut	6,128	7,784	-21.3	1	--	5,918	7,556	NM	31	NM	197
Maine	4,947	5,060	-2.2	--	--	3,778	4,043	NM	NM	1,169	1,016
Massachusetts	16,092	18,676	-13.8	NM	237	15,454	17,969	350	338	NM	133
New Hampshire	5,292	4,442	19.1	5	13	5,204	4,343	--	--	NM	86
Rhode Island	5,385	5,102	5.5	--	--	5,352	5,065	NM	37	--	--
Vermont	2	1	22.4	2	1	--	--	--	--	--	--
Middle Atlantic	**64,638**	**64,403**	**.4**	**11,446**	**11,328**	**51,526**	**51,429**	**510**	**476**	**1,156**	**1,171**
New Jersey	16,785	14,392	16.6	NM	NM	16,208	13,786	NM	94	NM	485
New York	33,656	35,213	-4.4	11,409	11,286	21,749	23,486	288	252	211	188
Pennsylvania	14,197	14,798	-4.1	NM	NM	13,569	14,157	NM	129	NM	498
East North Central	**21,137**	**28,424**	**-25.6**	**4,242**	**6,677**	**15,877**	**20,581**	**393**	**420**	**624**	**747**
Illinois	3,514	6,177	-43.1	335	583	2,663	5,035	322	345	NM	214
Indiana	2,884	3,196	-9.8	681	1,592	2,012	1,444	NM	11	182	149
Michigan	8,388	10,582	-20.7	777	971	7,517	9,397	NM	19	NM	195
Ohio	2,149	3,281	-34.5	455	1,034	1,668	2,216	--	--	NM	NM
Wisconsin	4,203	5,189	-19.0	1,994	2,497	2,017	2,489	NM	45	NM	158
West North Central	**9,640**	**12,106**	**-20.4**	**7,789**	**10,079**	**1,728**	**1,852**	**NM**	**57**	**NM**	**119**
Iowa	1,604	2,384	-32.7	1,598	2,380	NM	NM	NM	NM	1	--
Kansas	1,857	1,733	7.2	1,835	1,720	--	--	--	--	NM	13
Minnesota	1,814	2,830	-35.9	957	1,552	772	1,150	NM	40	NM	NM
Missouri	3,598	3,942	-8.7	2,639	3,226	954	700	1	9	NM	NM
Nebraska	598	928	-35.5	597	923	NM	NM	NM	NM	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	12
South Dakota	162	273	-40.7	162	273	--	--	--	--	--	--
South Atlantic	**108,876**	**110,609**	**-1.6**	**87,970**	**86,264**	**19,937**	**23,375**	**NM**	**43**	**919**	**927**
Delaware	1,191	1,371	-13.2	NM	NM	1,143	1,348	--	--	33	NM
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	80,406	75,888	6.0	71,988	67,022	7,916	8,266	NM	38	NM	562
Georgia	10,240	13,461	-23.9	5,482	7,115	4,544	6,213	--	--	214	134
Maryland	1,299	1,677	-22.6	--	--	1,232	1,609	NM	1	NM	67
North Carolina	3,334	3,914	-14.8	2,607	3,088	695	807	1	3	NM	NM
South Carolina	4,542	5,392	-15.8	3,543	4,215	994	1,169	NM	NM	3	6
Virginia	7,727	8,589	-10.0	4,298	4,701	3,316	3,772	--	--	NM	115
West Virginia	138	317	-56.4	37	106	98	191	--	--	NM	20
East South Central	**33,821**	**38,557**	**-12.3**	**14,955**	**18,021**	**18,004**	**19,699**	**NM**	**70**	**797**	**768**
Alabama	16,449	18,939	-13.2	6,044	6,787	9,955	11,762	--	--	450	389
Kentucky	862	1,489	-42.1	633	1,280	110	85	--	--	NM	124
Mississippi	16,098	17,514	-8.1	7,954	9,491	7,937	7,793	NM	10	NM	220
Tennessee	413	614	-32.8	324	462	2	58	NM	59	NM	NM
West South Central	**221,317**	**222,789**	**-.7**	**53,226**	**53,401**	**127,533**	**129,240**	**NM**	**408**	**40,138**	**39,739**
Arkansas	6,820	7,458	-8.6	1,022	1,150	5,641	6,166	NM	NM	NM	142
Louisiana	33,062	32,961	.3	11,569	10,768	5,994	6,798	NM	32	15,472	15,362
Oklahoma	26,075	26,410	-1.3	15,396	14,828	10,543	11,464	NM	20	NM	98
Texas	155,360	155,960	-.4	25,239	26,654	105,355	104,813	NM	355	24,399	24,137
Mountain	**68,643**	**67,175**	**2.2**	**34,850**	**32,277**	**32,853**	**34,047**	**NM**	**133**	**NM**	**718**
Arizona	28,740	28,800	-.2	10,947	10,780	17,732	17,958	NM	53	NM	8
Colorado	9,901	10,807	-8.4	3,638	3,455	6,208	7,302	33	26	NM	25
Idaho	1,248	1,018	22.5	NM	102	1,121	894	--	--	NM	22
Montana	NM	NM	--	NM	NM	NM	38	--	--	NM	NM
Nevada	17,538	16,858	4.0	10,220	9,465	7,040	7,106	--	--	NM	287
New Mexico	5,264	5,084	3.5	4,803	4,611	NM	400	NM	39	NM	33
Utah	5,502	4,144	32.8	5,084	3,807	NM	320	NM	15	NM	2
Wyoming	381	392	-2.9	NM	NM	NM	NM	--	--	308	319
Pacific Contiguous	**105,486**	**100,076**	**5.4**	**24,373**	**19,303**	**70,451**	**69,508**	**NM**	**1,388**	**9,432**	**9,877**
California	86,322	86,121	.2	18,690	15,561	57,564	59,858	NM	1,369	8,854	9,333
Oregon	12,407	8,915	39.2	4,253	2,262	7,596	6,122	NM	NM	554	527
Washington	6,758	5,040	34.1	1,430	1,480	5,291	3,528	NM	15	24	17
Pacific Noncontiguous	**2,845**	**2,831**	**.5**	**2,761**	**2,735**	**--**	**--**	**--**	**--**	**NM**	**96**
Alaska	2,845	2,831	.5	2,761	2,735	--	--	--	--	NM	96
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**674,250**	**688,035**	**-2.0**	**241,790**	**240,336**	**373,616**	**388,705**	**3,263**	**3,400**	**55,581**	**55,594**

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

Notes: • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	--	*	--	--	--	--	*	--	--	--	--
Connecticut	--	*	--	--	--	--	*	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**50**	**67**	**-26.2**	--	--	**NM**	**10**	--	--	**50**	**57**
New Jersey	NM	20	--	--	--	--	9	--	--	NM	NM
New York	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania	42	48	-12.7	--	--	NM	NM	--	--	42	47
East North Central	**267**	**289**	**-7.5**	*	**8**	**35**	**36**	--	--	**232**	**245**
Illinois	NM	11	--	--	--	1	2	--	--	NM	9
Indiana	212	222	-4.5	--	--	NM	NM	--	--	211	221
Michigan	33	32	3.0	--	8	33	22	--	--	--	NM
Ohio	NM	24	--	*	--	--	13	--	--	NM	11
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	**NM**	**5**	--	*	*	--	--	--	--	**NM**	**5**
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	*	*	-50.3	*	*	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	NM	5	--	--	--	--	--	--	--	NM	5
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**68**	**110**	**-37.5**	--	--	**30**	**31**	--	--	**39**	**79**
Delaware	33	73	-54.7	--	--	--	--	--	--	33	73
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1	1	32.9	--	--	*	*	--	--	1	1
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	30	31	-4.3	--	--	30	31	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	5	5	-1.1	--	--	--	--	--	--	5	5
East South Central	**NM**	**17**	--	**1**	*	--	--	--	--	**NM**	**16**
Alabama	12	13	-5.9	--	--	--	--	--	--	12	13
Kentucky	1	*	51.5	1	*	--	--	--	--	--	--
Mississippi	NM	3	--	--	--	--	--	--	--	NM	3
Tennessee	1	--	--	--	--	--	--	--	--	1	--
West South Central	**232**	**573**	**-59.6**	--	--	**118**	**192**	--	--	**NM**	**382**
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	NM	144	--	--	--	22	50	--	--	NM	94
Oklahoma	NM	NM	--	--	--	--	--	--	--	NM	NM
Texas	189	428	-55.9	--	--	96	142	--	--	93	286
Mountain	**NM**	**27**	--	--	*	*	**3**	--	--	**NM**	**24**
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	*	--	--	*	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	*	2	-99.2	--	--	*	2	--	--	--	--
Nevada	*	2	-76.8	--	--	*	2	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	--	--	--	--	--	--	--	--	NM	--
Wyoming	NM	24	--	--	--	--	--	--	--	NM	24
Pacific Contiguous	**140**	**173**	**-19.1**	--	--	**NM**	**29**	**NM**	**NM**	**137**	**143**
California	139	144	-3.7	--	--	NM	--	NM	NM	137	143
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	1	29	-95.0	--	--	1	29	--	--	--	--
Pacific Noncontiguous	**NM**	**4**	--	--	--	--	--	--	--	**NM**	**4**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	NM	4	--	--	--	--	--	--	--	NM	4
U.S. Total	**791**	**1,266**	**-37.5**	**1**	**9**	**186**	**302**	--	**2**	**604**	**954**

* = 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 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 1.11.B. Net Generation from Other Gases by State by Sector, Year-to-Date through September 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	--	1	--	--	--	--	1	--	--	--	--
Connecticut	--	1	--	--	--	--	1	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	479	520	-7.9	--	--	NM	NM	--	--	478	497
New Jersey	NM	112	--	--	--	--	9	--	--	NM	103
New York	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania	396	408	-2.9	--	--	NM	NM	--	--	395	394
East North Central	2,869	2,673	7.3	5	44	446	508	--	--	2,418	2,121
Illinois	75	101	-25.5	--	--	8	16	--	--	67	85
Indiana	2,193	1,892	15.9	--	--	NM	NM	--	--	2,192	1,889
Michigan	328	451	-27.2	--	44	328	374	--	--	--	32
Ohio	273	230	18.6	5	--	108	115	--	--	160	115
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	NM	44	--	2	4	--	--	--	--	NM	40
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	2	4	-58.0	2	4	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	NM	40	--	--	--	--	--	--	--	NM	40
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	812	1,102	-26.3	--	--	319	297	--	--	493	805
Delaware	446	752	-40.7	--	--	--	--	--	--	446	752
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	7	6	20.2	--	--	*	*	--	--	7	6
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	319	297	7.3	--	--	319	297	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	40	47	-14.3	--	--	--	--	--	--	40	47
East South Central	173	158	9.9	3	3	--	--	--	--	170	155
Alabama	140	124	13.4	--	--	--	--	--	--	140	124
Kentucky	3	3	2.9	3	3	--	--	--	--	--	--
Mississippi	NM	31	--	--	--	--	--	--	--	NM	31
Tennessee	9	--	--	--	--	--	--	--	--	9	--
West South Central	5,592	5,547	.8	--	--	2,855	1,780	--	--	NM	3,766
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	NM	1,795	--	--	--	1,235	498	--	--	NM	1,297
Oklahoma	NM	12	--	--	--	--	--	--	--	NM	12
Texas	3,119	3,739	-16.6	--	--	1,620	1,282	--	--	1,499	2,458
Mountain	NM	254	--	1	2	14	23	--	--	NM	229
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	1	2	-72.9	1	2	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	10	10	-8.0	--	--	10	10	--	--	--	--
Nevada	5	13	-64.5	--	--	5	13	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	--	--	--	--	--	--	--	--	NM	--
Wyoming	215	229	-6.1	--	--	--	--	--	--	215	229
Pacific Contiguous	1,558	1,596	-2.4	8	--	232	263	NM	NM	1,318	1,317
California	1,352	1,342	.8	8	--	NM	9	NM	NM	1,318	1,317
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	206	254	-19.1	--	--	206	254	--	--	--	--
Pacific Noncontiguous	NM	27	--	--	--	--	--	--	--	NM	27
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	NM	27	--	--	--	--	--	--	--	NM	27
U.S. Total	11,795	11,923	-1.1	18	54	3,866	2,896	--	16	7,911	8,956

* = 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 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**3,241**	**3,133**	**3.4**	**--**	**--**	**3,241**	**3,133**	**--**	**--**	**--**	**--**
Connecticut	1,440	1,447	-.4	--	--	1,440	1,447	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	488	487	.2	--	--	488	487	--	--	--	--
New Hampshire	897	897	.0	--	--	897	897	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	416	303	37.4	--	--	416	303	--	--	--	--
Middle Atlantic	**12,529**	**12,635**	**-.8**	**--**	**--**	**12,529**	**12,635**	**--**	**--**	**--**	**--**
New Jersey	2,930	2,806	4.4	--	--	2,930	2,806	--	--	--	--
New York	3,382	3,635	-7.0	--	--	3,382	3,635	--	--	--	--
Pennsylvania	6,216	6,194	.4	--	--	6,216	6,194	--	--	--	--
East North Central	**13,309**	**12,634**	**5.3**	**2,044**	**2,873**	**11,265**	**9,761**	**--**	**--**	**--**	**--**
Illinois	8,016	8,084	-.8	--	--	8,016	8,084	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	2,611	1,954	33.6	2,044	1,805	567	149	--	--	--	--
Ohio	1,545	1,528	1.1	--	--	1,545	1,528	--	--	--	--
Wisconsin	1,137	1,068	6.5	--	1,068	1,137	--	--	--	--	--
West North Central	**3,852**	**4,227**	**-8.9**	**3,420**	**3,797**	**432**	**430**	**--**	**--**	**--**	**--**
Iowa	432	430	.5	--	--	432	430	--	--	--	--
Kansas	848	848	-.1	848	848	--	--	--	--	--	--
Minnesota	780	1,166	-33.1	780	1,166	--	--	--	--	--	--
Missouri	869	869	.0	869	869	--	--	--	--	--	--
Nebraska	924	913	1.2	924	913	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**16,257**	**15,842**	**2.6**	**15,044**	**14,619**	**1,213**	**1,223**	**--**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,813	2,308	21.9	2,813	2,308	--	--	--	--	--	--
Georgia	2,385	2,869	-16.9	2,385	2,869	--	--	--	--	--	--
Maryland	1,213	1,223	-.8	--	--	1,213	1,223	--	--	--	--
North Carolina	3,233	3,200	1.0	3,233	3,200	--	--	--	--	--	--
South Carolina	4,524	4,259	6.2	4,524	4,259	--	--	--	--	--	--
Virginia	2,089	1,982	5.4	2,089	1,982	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**6,332**	**6,066**	**4.4**	**6,332**	**6,066**	**--**	**--**	**--**	**--**	**--**	**--**
Alabama	3,409	3,283	3.8	3,409	3,283	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	617	435	42.1	617	435	--	--	--	--	--	--
Tennessee	2,306	2,348	-1.8	2,306	2,348	--	--	--	--	--	--
West South Central	**5,491**	**6,348**	**-13.5**	**2,053**	**2,769**	**3,438**	**3,579**	**--**	**--**	**--**	**--**
Arkansas	1,335	1,328	.5	1,335	1,328	--	--	--	--	--	--
Louisiana	718	1,441	-50.2	718	1,441	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	3,438	3,579	-3.9	--	--	3,438	3,579	--	--	--	--
Mountain	**2,577**	**2,666**	**-3.3**	**2,577**	**2,666**	**--**	**--**	**--**	**--**	**--**	**--**
Arizona	2,577	2,666	-3.3	2,577	2,666	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**3,414**	**4,032**	**-15.3**	**3,414**	**4,032**	**--**	**--**	**--**	**--**	**--**	**--**
California	2,625	3,248	-19.2	2,625	3,248	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	789	784	.7	789	784	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**67,003**	**67,582**	**-.9**	**34,885**	**36,821**	**32,118**	**30,761**	**--**	**--**	**--**	**--**

Notes: • See Glossary for definitions. • Values for 2007 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 1.12.B. Net Generation from Nuclear Energy by State by Sector, Year-to-Date through September 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	**27,074**	**26,957**	**.4**	**--**	**--**	**27,074**	**26,957**	**--**	**--**	**--**	**--**
Connecticut	12,156	11,931	1.9	--	--	12,156	11,931	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	4,432	3,655	21.3	--	--	4,432	3,655	--	--	--	--
New Hampshire	6,603	8,015	-17.6	--	--	6,603	8,015	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	3,883	3,356	15.7	--	--	3,883	3,356	--	--	--	--
Middle Atlantic	**114,484**	**114,480**	**.0**	**--**	**--**	**114,484**	**114,480**	**--**	**--**	**--**	**--**
New Jersey	24,411	24,293	.5	--	--	24,411	24,293	--	--	--	--
New York	31,977	31,633	1.1	--	--	31,977	31,633	--	--	--	--
Pennsylvania	58,096	58,554	-.8	--	--	58,096	58,554	--	--	--	--
East North Central	**117,954**	**118,733**	**-.7**	**19,760**	**32,045**	**98,194**	**86,688**	**--**	**--**	**--**	**--**
Illinois	71,228	72,513	-1.8	--	--	71,228	72,513	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	24,814	25,292	-1.9	19,760	22,552	5,055	2,740	--	--	--	--
Ohio	12,778	11,434	11.8	--	--	12,778	11,434	--	--	--	--
Wisconsin	9,134	9,493	-3.8	--	9,493	9,134	--	--	--	--	--
West North Central	**34,150**	**35,242**	**-3.1**	**30,193**	**32,060**	**3,956**	**3,182**	**--**	**--**	**--**	**--**
Iowa	3,956	3,182	24.3	--	--	3,956	3,182	--	--	--	--
Kansas	5,870	7,741	-24.2	5,870	7,741	--	--	--	--	--	--
Minnesota	9,765	9,460	3.2	9,765	9,460	--	--	--	--	--	--
Missouri	7,946	6,657	19.4	7,946	6,657	--	--	--	--	--	--
Nebraska	6,612	8,203	-19.4	6,612	8,203	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**148,525**	**148,742**	**-.1**	**137,686**	**138,229**	**10,839**	**10,513**	**--**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	23,773	23,380	1.7	23,773	23,380	--	--	--	--	--	--
Georgia	23,551	23,567	-.1	23,551	23,567	--	--	--	--	--	--
Maryland	10,839	10,513	3.1	--	--	10,839	10,513	--	--	--	--
North Carolina	29,798	29,297	1.7	29,798	29,297	--	--	--	--	--	--
South Carolina	39,177	41,028	-4.5	39,177	41,028	--	--	--	--	--	--
Virginia	21,388	20,957	2.1	21,388	20,957	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**57,020**	**53,769**	**6.0**	**57,020**	**53,769**	**--**	**--**	**--**	**--**	**--**	**--**
Alabama	29,849	24,865	20.0	29,849	24,865	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	7,550	6,552	15.2	7,550	6,552	--	--	--	--	--	--
Tennessee	19,621	22,353	-12.2	19,621	22,353	--	--	--	--	--	--
West South Central	**52,727**	**54,412**	**-3.1**	**21,697**	**24,585**	**31,030**	**29,828**	**--**	**--**	**--**	**--**
Arkansas	11,134	11,360	-2.0	11,134	11,360	--	--	--	--	--	--
Louisiana	10,563	13,224	-20.1	10,563	13,224	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	31,030	29,828	4.0	--	--	31,030	29,828	--	--	--	--
Mountain	**22,768**	**21,867**	**4.1**	**22,768**	**21,867**	**--**	**--**	**--**	**--**	**--**	**--**
Arizona	22,768	21,867	4.1	22,768	21,867	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**31,788**	**33,643**	**-5.5**	**31,788**	**33,643**	**--**	**--**	**--**	**--**	**--**	**--**
California	24,802	28,002	-11.4	24,802	28,002	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	6,987	5,642	23.8	6,987	5,642	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**606,491**	**607,846**	**-.2**	**320,913**	**336,198**	**285,578**	**271,648**	**--**	**--**	**--**	**--**

Notes: • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007

(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**611**	**438**	**39.5**	**NM**	**NM**	**455**	**335**	**--**	**NM**	**52**	**40**
Connecticut	NM	NM	--	NM	NM	NM	NM	--	--	--	--
Maine	NM	228	--	--	--	NM	189	--	--	51	39
Massachusetts	NM	NM	--	NM	NM	NM	NM	--	NM	--	NM
New Hampshire	NM	51	--	NM	11	NM	NM	--	--	NM	NM
Rhode Island	NM	NM	--	--	--	NM	NM	--	--	--	--
Vermont	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Middle Atlantic	**2,134**	**1,857**	**14.9**	**1,706**	**1,545**	**NM**	**312**	**--**	*****	**4**	*****
New Jersey	NM	NM	--	--	--	NM	NM	--	--	--	--
New York	2,028	1,779	14.0	1,681	1,528	NM	251	--	*	4	*
Pennsylvania	NM	76	--	NM	17	NM	NM	--	--	--	--
East North Central	**NM**	**245**	**--**	**NM**	**222**	**NM**	**NM**	**--**	**--**	**NM**	**NM**
Illinois	NM	NM	--	NM	NM	NM	NM	--	--	--	--
Indiana	NM	31	--	NM	31	--	--	--	--	--	--
Michigan	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Ohio	NM	NM	--	NM	NM	--	--	--	--	--	--
Wisconsin	NM	89	--	NM	80	NM	NM	--	--	NM	NM
West North Central	**693**	**517**	**33.9**	**688**	**509**	**NM**	**NM**	**--**	**--**	**NM**	**NM**
Iowa	NM	86	--	NM	86	NM	NM	--	--	--	--
Kansas	NM	1	--	--	--	NM	1	--	--	--	--
Minnesota	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Missouri	197	35	465.5	197	35	--	--	--	--	--	--
Nebraska	NM	71	--	NM	71	--	--	--	--	--	--
North Dakota	105	90	15.9	105	90	--	--	--	--	--	--
South Dakota	275	204	35.0	275	204	--	--	--	--	--	--
South Atlantic	**763**	**613**	**24.4**	**663**	**503**	**NM**	**80**	*****	**NM**	**13**	**30**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	NM	NM	--	NM	NM	--	--	--	--	--	--
Georgia	197	187	5.1	196	186	NM	NM	--	--	NM	NM
Maryland	40	27	47.4	--	--	40	27	--	--	--	--
North Carolina	238	136	75.4	218	93	NM	NM	*	*	--	18
South Carolina	NM	101	--	NM	98	NM	NM	--	NM	--	--
Virginia	NM	92	--	NM	88	NM	NM	--	--	NM	NM
West Virginia	NM	59	--	NM	NM	NM	22	--	--	12	11
East South Central	**818**	**563**	**45.3**	**818**	**541**	**--**	**--**	**--**	**--**	**--**	**22**
Alabama	310	232	34.0	310	232	--	--	--	--	--	--
Kentucky	NM	73	--	NM	73	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	406	258	57.3	406	236	--	--	--	--	--	22
West South Central	**626**	**537**	**16.4**	**570**	**489**	**56**	**48**	**--**	**--**	**--**	**--**
Arkansas	328	229	43.3	328	229	--	--	--	--	--	--
Louisiana	53	44	19.1	--	--	53	44	--	--	--	--
Oklahoma	193	159	21.6	193	159	--	--	--	--	--	--
Texas	NM	105	--	NM	101	NM	4	--	--	--	--
Mountain	**2,219**	**1,980**	**12.1**	**1,898**	**1,738**	**321**	**242**	**--**	**--**	**--**	**--**
Arizona	515	481	6.9	515	481	--	--	--	--	--	--
Colorado	109	174	-37.3	102	167	NM	NM	--	--	--	--
Idaho	644	562	14.5	582	518	61	44	--	--	--	--
Montana	677	538	26.0	426	347	252	191	--	--	--	--
Nevada	162	132	22.6	162	132	--	--	--	--	--	--
New Mexico	NM	NM	--	NM	NM	--	--	--	--	--	--
Utah	43	40	9.1	43	39	NM	NM	--	--	--	--
Wyoming	NM	43	--	NM	43	--	--	--	--	--	--
Pacific Contiguous	**8,293**	**7,839**	**5.8**	**8,223**	**7,779**	**68**	**61**	**1**	**NM**	**NM**	**NM**
California	2,117	2,152	-1.6	2,071	2,113	46	40	--	NM	--	--
Oregon	2,001	1,874	6.8	1,988	1,861	NM	13	--	--	--	--
Washington	4,174	3,812	9.5	4,164	3,805	NM	NM	1	-1	NM	NM
Pacific Noncontiguous	**82**	**78**	**5.8**	**78**	**72**	**NM**	**NM**	**--**	**--**	**NM**	**NM**
Alaska	77	71	8.2	77	71	--	--	--	--	--	--
Hawaii	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
U.S. Total	**16,530**	**14,667**	**12.7**	**15,014**	**13,461**	**1,433**	**1,099**	**1**	*****	**82**	**107**

* = 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 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.B. Net Generation from Hydroelectric (Conventional) Power by State by Sector, Year-to-Date through September 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	**6,615**	**5,811**	**13.8**	**986**	**890**	**5,048**	**4,384**	**4**	**NM**	**578**	**535**
Connecticut	NM	340	--	NM	NM	NM	312	--	--	--	--
Maine	3,001	2,686	11.7	--	--	2,444	2,171	--	--	557	515
Massachusetts	1,003	870	15.3	NM	295	679	570	4	NM	3	2
New Hampshire	1,254	993	26.2	283	243	966	746	--	--	NM	NM
Rhode Island	NM	NM	--	--	--	NM	NM	--	--	--	--
Vermont	NM	918	--	NM	323	NM	581	--	--	NM	14
Middle Atlantic	**22,181**	**21,279**	**4.2**	**17,504**	**16,941**	**4,620**	**4,287**	**3**	**3**	**54**	**48**
New Jersey	NM	NM	--	--	--	NM	NM	--	--	--	NM
New York	20,117	19,479	3.3	16,536	16,123	3,524	3,306	3	3	54	48
Pennsylvania	2,035	1,772	14.8	968	818	NM	954	--	--	--	--
East North Central	**3,174**	**2,979**	**6.6**	**2,856**	**2,670**	**NM**	**152**	**1**	**2**	**NM**	**155**
Illinois	NM	115	--	NM	NM	NM	66	--	--	--	--
Indiana	320	327	-2.1	320	327	--	--	--	--	--	--
Michigan	1,081	1,006	7.5	NM	916	NM	NM	--	--	NM	22
Ohio	NM	341	--	NM	341	--	--	--	--	--	--
Wisconsin	1,276	1,190	7.3	1,118	1,036	NM	NM	1	2	NM	133
West North Central	**6,458**	**5,851**	**10.4**	**6,338**	**5,742**	**NM**	**NM**	**--**	**--**	**NM**	**62**
Iowa	NM	706	--	NM	701	NM	NM	--	--	--	--
Kansas	NM	9	--	--	--	NM	9	--	--	--	--
Minnesota	NM	405	--	NM	311	NM	NM	--	--	NM	62
Missouri	1,778	1,081	64.5	1,778	1,081	--	--	--	--	--	--
Nebraska	NM	689	--	NM	689	--	--	--	--	--	--
North Dakota	961	1,024	-6.1	961	1,024	--	--	--	--	--	--
South Dakota	2,065	1,936	6.7	2,065	1,936	--	--	--	--	--	--
South Atlantic	**9,671**	**9,608**	**.7**	**6,760**	**6,812**	**2,344**	**2,096**	**9**	**7**	**558**	**692**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	NM	139	--	NM	139	--	--	--	--	--	--
Georgia	1,950	2,007	-2.8	1,927	1,984	NM	NM	--	--	NM	19
Maryland	1,580	1,255	25.9	--	--	1,580	1,255	--	--	--	--
North Carolina	2,664	2,667	-.1	2,113	1,873	NM	490	7	6	175	298
South Carolina	1,258	1,469	-14.3	1,212	1,426	NM	NM	1	1	--	--
Virginia	1,073	1,124	-4.6	1,013	1,069	NM	NM	--	--	NM	NM
West Virginia	NM	946	--	NM	320	291	256	--	--	359	370
East South Central	**11,539**	**9,582**	**20.4**	**11,316**	**9,223**	**--**	**--**	**--**	**--**	**223**	**360**
Alabama	4,778	3,955	20.8	4,778	3,955	--	--	--	--	--	--
Kentucky	1,746	1,369	27.5	1,746	1,369	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	5,016	4,259	17.8	4,793	3,899	--	--	--	--	223	360
West South Central	**7,966**	**6,616**	**20.4**	**7,021**	**5,860**	**945**	**756**	**--**	**--**	**--**	**--**
Arkansas	3,525	2,631	34.0	3,525	2,631	--	--	--	--	--	--
Louisiana	912	717	27.2	--	--	912	717	--	--	--	--
Oklahoma	2,520	2,192	15.0	2,520	2,192	--	--	--	--	--	--
Texas	1,008	1,076	-6.3	975	1,037	NM	39	--	--	--	--
Mountain	**25,938**	**24,488**	**5.9**	**22,716**	**21,321**	**3,222**	**3,167**	**--**	**--**	**--**	**--**
Arizona	5,797	5,041	15.0	5,797	5,041	--	--	--	--	--	--
Colorado	1,459	1,353	7.8	1,351	1,261	NM	92	--	--	--	--
Idaho	8,061	7,542	6.9	7,433	6,973	628	568	--	--	--	--
Montana	7,672	7,384	3.9	5,193	4,883	2,479	2,501	--	--	--	--
Nevada	1,453	1,846	-21.3	1,453	1,846	--	--	--	--	--	--
New Mexico	NM	151	--	NM	151	--	--	--	--	--	--
Utah	NM	515	--	NM	509	NM	NM	--	--	--	--
Wyoming	NM	656	--	NM	656	--	--	--	--	--	--
Pacific Contiguous	**115,237**	**111,999**	**2.9**	**114,275**	**111,116**	**917**	**838**	**44**	**44**	**NM**	**NM**
California	28,235	23,686	19.2	27,617	23,127	NM	551	8	NM	--	--
Oregon	26,225	26,051	.7	26,046	25,876	NM	175	--	--	--	--
Washington	60,778	62,262	-2.4	60,612	62,113	NM	112	36	36	NM	NM
Pacific Noncontiguous	**923**	**1,049**	**-12.0**	**861**	**985**	**NM**	**34**	**--**	**--**	**NM**	**29**
Alaska	846	970	-12.8	846	970	--	--	--	--	--	--
Hawaii	NM	79	--	NM	NM	NM	34	--	--	NM	29
U.S. Total	**209,702**	**199,261**	**5.2**	**190,634**	**181,560**	**17,337**	**15,760**	**61**	**59**	**1,671**	**1,882**

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

Notes: • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**687**	**692**	**-.7**	**55**	**50**	**455**	**453**	**11**	**11**	**165**	**178**
Connecticut	65	68	-3.5	--	--	65	68	--	--	--	--
Maine	373	371	.5	--	--	200	184	9	9	163	178
Massachusetts	105	112	-6.5	--	--	103	110	NM	2	--	--
New Hampshire	97	90	7.1	35	28	61	63	--	--	NM	NM
Rhode Island	11	13	-11.5	--	--	11	13	--	--	--	--
Vermont	36	38	-5.4	21	23	NM	15	--	--	NM	NM
Middle Atlantic	**487**	**505**	**-3.7**	**--**	**--**	**409**	**427**	**21**	**22**	**57**	**57**
New Jersey	76	84	-10.1	--	--	76	84	--	--	NM	NM
New York	222	225	-1.5	--	--	190	194	11	12	21	20
Pennsylvania	189	196	-3.6	--	--	143	149	10	10	36	36
East North Central	**434**	**499**	**-13.1**	**35**	**43**	**242**	**294**	**16**	**20**	**140**	**142**
Illinois	84	113	-25.4	NM	NM	84	113	NM	NM	--	--
Indiana	17	19	-8.8	13	15	--	--	NM	2	NM	2
Michigan	189	221	-14.6	--	--	123	141	14	17	52	62
Ohio	38	33	14.9	NM	NM	NM	5	--	--	32	26
Wisconsin	105	113	-6.6	20	26	31	35	NM	1	54	52
West North Central	**806**	**729**	**10.7**	**165**	**195**	**592**	**488**	**5**	**5**	**45**	**40**
Iowa	189	234	-19.2	93	123	91	107	NM	4	2	--
Kansas	124	101	22.8	33	30	92	71	--	--	--	--
Minnesota	355	305	16.2	19	21	293	245	NM	1	42	39
Missouri	15	NM	--	2	NM	12	--	--	--	NM	NM
Nebraska	17	20	-13.8	16	19	NM	NM	NM	1	--	--
North Dakota	99	51	92.3	NM	1	98	50	--	--	*	*
South Dakota	8	15	-48.0	NM	1	7	14	--	--	--	--
South Atlantic	**1,169**	**1,238**	**-5.6**	**86**	**82**	**310**	**331**	**27**	**27**	**746**	**799**
Delaware	10	NM	--	--	--	10	NM	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	335	375	-10.6	8	7	169	215	NM	3	NM	150
Georgia	257	293	-12.2	--	--	NM	NM	--	--	256	292
Maryland	52	50	4.5	--	--	32	28	NM	4	16	17
North Carolina	NM	136	--	--	--	NM	46	--	--	NM	90
South Carolina	152	164	-7.5	36	35	--	--	4	4	112	125
Virginia	216	214	1.0	42	39	32	34	17	16	125	124
West Virginia	24	6	278.2	--	--	24	6	--	--	--	--
East South Central	**510**	**514**	**-.8**	**7**	**8**	**19**	**22**	**--**	**--**	**484**	**484**
Alabama	NM	327	--	--	--	14	18	--	--	NM	309
Kentucky	25	31	-20.2	7	8	--	--	--	--	18	23
Mississippi	NM	116	--	--	--	--	--	--	--	NM	116
Tennessee	45	39	14.6	NM	NM	5	4	--	--	40	35
West South Central	**NM**	**1,323**	**--**	**30**	**33**	**576**	**784**	**NM**	**3**	**NM**	**503**
Arkansas	129	131	-1.6	--	--	3	2	NM	*	126	128
Louisiana	NM	272	--	--	--	6	7	--	--	NM	265
Oklahoma	NM	179	--	29	32	97	117	--	--	NM	29
Texas	NM	742	--	NM	*	470	658	NM	3	NM	81
Mountain	**524**	**473**	**10.9**	**31**	**22**	**463**	**408**	**NM**	**1**	**29**	**42**
Arizona	NM	3	--	2	NM	--	--	NM	NM	--	--
Colorado	NM	54	--	NM	4	NM	50	--	--	--	--
Idaho	40	56	-29.6	--	--	17	21	--	--	23	35
Montana	31	43	-28.2	--	--	25	35	--	--	NM	7
Nevada	137	128	6.7	--	--	137	128	--	--	--	--
New Mexico	NM	121	--	--	--	NM	121	--	--	--	--
Utah	NM	15	--	23	13	NM	1	NM	1	--	--
Wyoming	39	52	-25.8	NM	1	38	51	--	--	--	--
Pacific Contiguous	**2,437**	**2,594**	**-6.1**	**224**	**282**	**2,002**	**2,091**	**35**	**36**	**NM**	**185**
California	2,006	2,135	-6.0	100	112	1,802	1,911	35	36	NM	75
Oregon	202	190	6.3	42	31	105	99	--	--	54	60
Washington	229	269	-15.0	82	139	95	80	--	--	52	50
Pacific Noncontiguous	**54**	**51**	**5.6**	**NM**	**NM**	**39**	**42**	**14**	**7**	**NM**	**1**
Alaska	NM	NM	--	NM	NM	--	--	--	--	NM	NM
Hawaii	53	50	6.5	*	*	39	42	14	7	NM	1
U.S. Total	**8,172**	**8,618**	**-5.2**	**634**	**715**	**5,106**	**5,340**	**135**	**134**	**2,297**	**2,431**

* = 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 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 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 September 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	**5,954**	**6,006**	**-.9**	**478**	**442**	**3,876**	**4,022**	**114**	**96**	**1,486**	**1,447**
Connecticut	609	604	.8	1	--	608	604	--	--	--	--
Maine	3,108	3,167	-1.9	--	--	1,556	1,652	80	75	1,472	1,440
Massachusetts	982	975	.7	--	--	947	954	35	21	--	--
New Hampshire	826	793	4.2	281	228	536	561	--	--	NM	NM
Rhode Island	106	115	-7.3	--	--	106	115	--	--	--	--
Vermont	323	353	-8.4	197	214	123	137	--	--	NM	NM
Middle Atlantic	**4,891**	**4,723**	**3.6**	**--**	**--**	**4,201**	**4,006**	**187**	**195**	**502**	**522**
New Jersey	709	722	-1.7	--	--	706	719	--	--	NM	NM
New York	2,316	2,134	8.5	--	--	2,032	1,847	105	109	180	178
Pennsylvania	1,865	1,867	-.1	--	--	1,464	1,440	83	85	319	342
East North Central	**4,369**	**4,212**	**3.7**	**368**	**379**	**2,648**	**2,429**	**132**	**152**	**1,222**	**1,252**
Illinois	1,104	838	31.8	NM	10	1,094	828	NM	NM	1	--
Indiana	173	171	1.0	125	135	--	--	17	17	NM	19
Michigan	1,802	1,882	-4.2	--	--	1,206	1,253	104	128	492	501
Ohio	289	304	-4.9	NM	15	42	47	--	--	233	242
Wisconsin	1,001	1,017	-1.5	219	219	306	301	NM	6	465	491
West North Central	**7,582**	**6,300**	**20.4**	**1,817**	**1,758**	**5,320**	**4,136**	**48**	**41**	**396**	**364**
Iowa	2,063	2,110	-2.2	NM	1,133	922	953	29	24	4	--
Kansas	1,181	824	43.3	307	211	874	613	--	--	--	--
Minnesota	3,277	2,611	25.5	198	195	2,698	2,051	NM	9	373	355
Missouri	99	18	454.1	12	12	80	--	--	--	NM	6
Nebraska	193	208	-7.1	181	197	NM	2	NM	9	--	--
North Dakota	681	416	63.7	NM	5	662	408	--	--	NM	3
South Dakota	NM	113	--	NM	4	NM	109	--	--	--	--
South Atlantic	**11,226**	**11,063**	**1.5**	**744**	**709**	**3,067**	**2,981**	**248**	**238**	**7,167**	**7,135**
Delaware	84	NM	--	--	--	84	NM	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	3,359	3,246	3.5	64	57	1,783	1,830	31	27	1,481	1,333
Georgia	2,374	2,582	-8.1	--	--	NM	12	--	--	2,363	2,570
Maryland	457	473	-3.4	--	--	284	287	37	36	136	149
North Carolina	1,376	1,345	2.3	--	--	387	400	--	--	NM	945
South Carolina	1,395	1,417	-1.5	290	300	--	--	33	35	1,072	1,082
Virginia	1,986	1,887	5.2	390	352	322	339	147	140	1,127	1,057
West Virginia	196	113	73.2	--	--	196	113	--	--	--	--
East South Central	**4,613**	**4,756**	**-3.0**	**68**	**74**	**188**	**212**	**--**	**--**	**4,356**	**4,469**
Alabama	2,824	2,910	-3.0	--	--	136	161	--	--	2,688	2,749
Kentucky	339	344	-1.5	66	71	--	--	--	--	273	273
Mississippi	1,124	1,115	.8	--	--	--	--	--	--	1,124	1,115
Tennessee	327	387	-15.5	NM	3	53	51	--	--	271	333
West South Central	**15,032**	**11,454**	**31.2**	**313**	**261**	**10,462**	**6,861**	**36**	**32**	**4,220**	**4,301**
Arkansas	1,218	1,193	2.1	--	--	37	21	NM	2	1,177	1,170
Louisiana	NM	2,282	--	--	--	59	64	--	--	NM	2,218
Oklahoma	NM	1,556	--	311	260	1,273	1,085	--	--	NM	210
Texas	NM	6,423	--	NM	1	9,092	5,691	33	29	NM	703
Mountain	**6,227**	**4,250**	**46.5**	**NM**	**186**	**5,591**	**3,677**	**NM**	**9**	**341**	**378**
Arizona	NM	31	--	NM	26	--	NM	NM	3	--	--
Colorado	2,136	567	276.3	NM	40	2,084	527	--	--	--	--
Idaho	491	502	-2.1	--	--	204	190	--	--	287	312
Montana	421	402	4.6	--	--	367	336	--	--	NM	66
Nevada	1,178	1,152	2.3	--	--	1,178	1,152	--	--	--	--
New Mexico	NM	978	--	--	--	NM	978	--	--	--	--
Utah	200	119	68.0	187	109	NM	5	NM	5	--	--
Wyoming	539	499	8.0	NM	12	521	487	--	--	--	--
Pacific Contiguous	**24,981**	**23,280**	**7.3**	**2,719**	**2,544**	**20,485**	**18,855**	**341**	**340**	**1,436**	**1,542**
California	19,500	19,142	1.9	1,093	1,006	17,498	17,153	341	340	NM	642
Oregon	2,280	1,661	37.3	374	264	1,461	896	--	--	445	501
Washington	3,200	2,477	29.2	1,252	1,273	1,525	805	--	--	423	399
Pacific Noncontiguous	**563**	**522**	**7.8**	**NM**	**NM**	**398**	**386**	**144**	**120**	**15**	**11**
Alaska	NM	NM	--	NM	NM	--	--	--	*	NM	5
Hawaii	551	512	7.6	*	*	398	386	144	120	NM	6
U.S. Total	**85,438**	**76,567**	**11.6**	**6,798**	**6,358**	**56,237**	**47,565**	**1,262**	**1,222**	**21,141**	**21,421**

* = 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 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007

(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**-40**	**-80**	**50.4**	**--**	**--**	**-40**	**-80**	**--**	**--**	**--**	**--**
Connecticut	1	*	777.8	--	--	1	*	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	-40	-80	49.2	--	--	-40	-80	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**-127**	**-146**	**13.4**	**-63**	**-75**	**-64**	**-71**	**--**	**--**	**--**	**--**
New Jersey	-23	-23	-3.0	-23	-23	--	--	--	--	--	--
New York	-39	-53	25.6	-39	-53	--	--	--	--	--	--
Pennsylvania	-64	-71	9.7	--	--	-64	-71	--	--	--	--
East North Central	**-22**	**-100**	**77.8**	**-22**	**-100**	**--**	**--**	**--**	**--**	**--**	**--**
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	-22	-100	77.8	-22	-100	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	**57**	**5**	**NM**	**57**	**5**	**--**	**--**	**--**	**--**	**--**	**--**
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	57	5	NM	57	5	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**-335**	**-330**	**-1.5**	**-335**	**-330**	**--**	**--**	**--**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--	--	--
Georgia	-51	-50	-2.0	-51	-50	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	-15	7	-320.0	-15	7	--	--	--	--	--	--
South Carolina	-137	-120	-13.9	-137	-120	--	--	--	--	--	--
Virginia	-132	-166	20.6	-132	-166	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**-65**	**-79**	**17.2**	**-65**	**-79**	**--**	**--**	**--**	**--**	**--**	**--**
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	-65	-79	17.2	-65	-79	--	--	--	--	--	--
West South Central	**-14**	**-27**	**47.7**	**-14**	**-27**	**--**	**--**	**--**	**--**	**--**	**--**
Arkansas	5	2	145.0	5	2	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--	--	--
Oklahoma	-19	-29	33.2	-19	-29	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	**-7**	**2**	**-436.1**	**-7**	**2**	**--**	**--**	**--**	**--**	**--**	**--**
Arizona	20	18	9.3	20	18	--	--	--	--	--	--
Colorado	-27	-16	-65.0	-27	-16	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**40**	**-1**	**NM**	**40**	**-1**	**--**	**--**	**--**	**--**	**--**	**--**
California	40	-1	NM	40	-1	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**-513**	**-756**	**32.1**	**-409**	**-605**	**-104**	**-151**	**--**	**--**	**--**	**--**

* = 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 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 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector, Year-to-Date through September 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	**-668**	**-505**	**-32.4**	**--**	**--**	**-668**	**-505**	**--**	**--**	**--**	**--**
Connecticut	*	-13	100.4	--	--	*	-13	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	-668	-491	-36.0	--	--	-668	-491	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**-927**	**-1,334**	**30.5**	**-748**	**-816**	**-179**	**-518**	**--**	**--**	**--**	**--**
New Jersey	-221	-213	-3.7	-221	-213	--	--	--	--	--	--
New York	-527	-603	12.5	-527	-603	--	--	--	--	--	--
Pennsylvania	-179	-518	65.4	--	--	-179	-518	--	--	--	--
East North Central	**-733**	**-859**	**14.7**	**-733**	**-859**	**--**	**--**	**--**	**--**	**--**	**--**
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	-733	-859	14.7	-733	-859	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	**479**	**373**	**28.7**	**479**	**373**	**--**	**--**	**--**	**--**	**--**	**--**
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	479	373	28.7	479	373	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**-2,123**	**-2,392**	**11.3**	**-2,123**	**-2,392**	**--**	**--**	**--**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--	--	--
Georgia	328	-343	195.7	328	-343	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	-86	130	-166.5	-86	130	--	--	--	--	--	--
South Carolina	-1,031	-883	-16.8	-1,031	-883	--	--	--	--	--	--
Virginia	-1,334	-1,296	-2.9	-1,334	-1,296	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**-1,094**	**-566**	**-93.4**	**-1,094**	**-566**	**--**	**--**	**--**	**--**	**--**	**--**
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	-1,094	-566	-93.4	-1,094	-566	--	--	--	--	--	--
West South Central	**27**	**-116**	**123.4**	**27**	**-116**	**--**	**--**	**--**	**--**	**--**	**--**
Arkansas	41	28	47.8	41	28	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--	--	--
Oklahoma	-14	-144	90.5	-14	-144	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	**-92**	**-30**	**-207.5**	**-92**	**-30**	**--**	**--**	**--**	**--**	**--**	**--**
Arizona	102	123	-17.3	102	123	--	--	--	--	--	--
Colorado	-194	-153	-26.6	-194	-153	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**462**	**508**	**-8.9**	**462**	**508**	**--**	**--**	**--**	**--**	**--**	**--**
California	435	498	-12.5	435	498	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	27	10	160.5	27	10	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**-4,668**	**-4,922**	**5.2**	**-3,820**	**-3,899**	**-848**	**-1,023**	**--**	**--**	**--**	**--**

* = 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. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**150**	**163**	**-7.7**	**--**	**--**	**138**	**147**	**NM**	**7**	**5**	**9**
Connecticut	55	62	-11.6	--	--	54	61	--	--	NM	NM
Maine	29	31	-6.3	--	--	17	16	NM	7	4	8
Massachusetts	62	65	-4.8	--	--	62	65	--	--	--	--
New Hampshire	5	5	-4.7	--	--	5	5	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**183**	**191**	**-4.2**	**--**	**--**	**166**	**170**	**18**	**17**	**NM**	**5**
New Jersey	41	49	-16.6	--	--	41	43	--	--	NM	5
New York	81	83	-2.7	--	--	71	74	10	9	--	--
Pennsylvania	62	60	3.9	--	--	54	52	8	8	--	--
East North Central	**65**	**90**	**-27.6**	**5**	**5**	**12**	**12**	**12**	**15**	**35**	**58**
Illinois	2	3	-22.8	--	--	NM	1	--	--	2	2
Indiana	33	34	-5.1	--	--	--	--	NM	NM	31	33
Michigan	26	46	-44.4	3	1	12	11	11	13	--	21
Ohio	1	*	316.0	--	--	--	--	--	--	1	*
Wisconsin	3	6	-44.4	2	4	--	--	NM	*	1	2
West North Central	**29**	**31**	**-5.5**	**16**	**16**	**8**	**9**	**NM**	**2**	**NM**	**4**
Iowa	NM	1	--	NM	1	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	25	27	-8.5	12	13	8	9	NM	2	NM	4
Missouri	1	2	-52.2	1	2	--	--	*	*	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	3	--	--	3	--	--	--	--	--	--	--
South Atlantic	**231**	**363**	**-36.5**	**--**	**--**	**145**	**164**	**17**	**15**	**68**	**185**
Delaware	1	--	--	--	--	--	--	--	--	1	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	148	256	-42.3	--	--	96	110	--	--	51	146
Georgia	9	11	-12.4	--	--	--	--	--	--	9	11
Maryland	25	22	12.1	--	--	25	22	NM	--	--	--
North Carolina	NM	31	--	--	--	NM	9	--	--	--	21
South Carolina	9	7	27.2	--	--	--	--	NM	NM	6	5
Virginia	34	36	-6.7	--	--	20	22	14	12	--	2
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**2**	**5**	**-66.0**	**1**	**2**	**NM**	**1**	**--**	**--**	**NM**	**2**
Alabama	NM	1	--	--	--	NM	NM	--	--	NM	1
Kentucky	1	2	-52.1	1	2	--	--	--	--	--	--
Mississippi	NM	2	--	--	--	NM	1	--	--	NM	1
Tennessee	*	--	--	--	--	--	--	--	--	*	--
West South Central	**81**	**208**	**-61.3**	**17**	**27**	**--**	*****	**--**	**--**	**63**	**181**
Arkansas	4	3	47.9	--	--	--	--	--	--	4	3
Louisiana	21	107	-80.8	--	--	--	--	--	--	21	107
Oklahoma	--	*	--	--	--	--	--	--	--	--	*
Texas	56	98	-43.4	17	27	--	*	--	--	38	71
Mountain	**NM**	**13**	**--**	**--**	**--**	**NM**	**NM**	**--**	**--**	**10**	**13**
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	NM	3	--	--	--	--	--	--	--	NM	3
Idaho	NM	6	--	--	--	--	--	--	--	NM	6
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	NM	--	--	--	NM	NM	--	--	10	--
Wyoming	NM	4	--	--	--	--	--	--	--	NM	4
Pacific Contiguous	**26**	**47**	**-44.1**	**--**	**--**	**26**	**26**	**--**	**--**	**--**	**22**
California	17	39	-54.8	--	--	17	17	--	--	--	22
Oregon	NM	NM	--	--	--	NM	NM	--	--	--	--
Washington	5	6	-5.9	--	--	5	6	--	--	--	--
Pacific Noncontiguous	**14**	**7**	**86.8**	**--**	**--**	**NM**	**1**	**11**	**6**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	14	7	86.8	--	--	NM	1	11	6	--	--
U.S. Total	**791**	**1,119**	**-29.3**	**39**	**50**	**499**	**530**	**69**	**62**	**184**	**478**

* = 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 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 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 September 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	**1,440**	**1,438**	**.1**	**--**	**--**	**1,341**	**1,331**	**59**	**59**	**40**	**48**
Connecticut	544	561	-3.1	--	--	535	552	--	--	NM	9
Maine	269	258	4.2	--	--	179	160	59	59	31	39
Massachusetts	580	571	1.7	--	--	580	571	--	--	--	--
New Hampshire	47	49	-3.4	--	--	47	49	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**1,706**	**1,720**	**-.8**	**--**	**--**	**1,566**	**1,522**	**140**	**149**	**NM**	**50**
New Jersey	377	421	-10.5	--	--	377	371	--	--	NM	50
New York	731	758	-3.5	--	--	656	676	75	82	--	--
Pennsylvania	598	541	10.5	--	--	533	474	65	67	--	--
East North Central	**575**	**844**	**-31.9**	**59**	**82**	**109**	**114**	**93**	**115**	**314**	**533**
Illinois	15	29	-47.5	--	--	NM	13	--	--	9	15
Indiana	274	307	-10.7	--	--	--	--	NM	13	262	294
Michigan	210	428	-51.1	27	29	103	101	80	99	--	199
Ohio	10	1	587.6	--	--	--	--	--	--	10	1
Wisconsin	66	79	-16.5	32	53	--	--	NM	2	NM	24
West North Central	**290**	**302**	**-4.0**	**157**	**158**	**76**	**81**	**NM**	**26**	**27**	**37**
Iowa	NM	9	--	NM	9	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	243	264	-7.7	113	123	76	81	NM	23	27	37
Missouri	14	29	-53.0	11	26	--	--	3	3	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	26	*	NM	26	*	--	--	--	--	--	--
South Atlantic	**2,318**	**3,362**	**-31.1**	**2**	*****	**1,446**	**1,473**	**135**	**132**	**734**	**1,756**
Delaware	11	--	--	--	--	--	--	--	--	11	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,511	2,371	-36.3	--	--	933	967	--	--	579	1,404
Georgia	99	100	-1.4	--	--	22	--	--	--	77	100
Maryland	221	224	-1.3	--	--	220	224	NM	--	--	--
North Carolina	86	267	-67.8	--	--	67	76	--	--	19	191
South Carolina	73	69	6.6	--	--	--	--	24	26	49	43
Virginia	315	331	-4.6	--	--	205	206	111	107	--	18
West Virginia	2	*	606.4	2	*	--	--	--	--	--	--
East South Central	**78**	**39**	**100.2**	**8**	**14**	**NM**	**11**	**--**	**--**	**NM**	**14**
Alabama	NM	12	--	--	--	NM	2	--	--	NM	10
Kentucky	8	14	-42.4	8	14	--	--	--	--	--	--
Mississippi	NM	14	--	--	--	NM	9	--	--	NM	4
Tennessee	8	--	--	--	--	--	--	--	--	8	--
West South Central	**1,196**	**2,020**	**-40.8**	**185**	**254**	**152**	**39**	**--**	**--**	**859**	**1,727**
Arkansas	31	33	-8.4	--	--	--	--	--	--	31	33
Louisiana	427	1,046	-59.1	--	--	--	--	--	--	427	1,046
Oklahoma	--	3	--	--	--	--	--	--	--	--	3
Texas	738	937	-21.2	185	254	152	39	--	--	401	644
Mountain	**NM**	**127**	**--**	**--**	**--**	**NM**	**NM**	**--**	**--**	**108**	**123**
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	NM	33	--	--	--	--	--	--	--	NM	33
Idaho	6	54	-89.5	--	--	--	--	--	--	6	54
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	101	NM	--	--	--	NM	NM	--	--	98	--
Wyoming	4	36	-89.6	--	--	--	--	--	--	4	36
Pacific Contiguous	**394**	**429**	**-8.0**	**--**	**--**	**234**	**245**	**--**	**--**	**160**	**184**
California	316	346	-8.6	--	--	157	162	--	--	160	184
Oregon	NM	29	--	--	--	NM	29	--	--	--	--
Washington	51	53	-5.0	--	--	51	53	--	--	--	--
Pacific Noncontiguous	**168**	**106**	**58.1**	**41**	**--**	**14**	**12**	**113**	**94**	**--**	**--**
Alaska	41	--	--	41	--	--	--	--	--	--	--
Hawaii	127	106	19.5	--	--	14	12	113	94	--	--
U.S. Total	**8,276**	**10,388**	**-20.3**	**451**	**508**	**4,997**	**4,830**	**570**	**575**	**2,258**	**4,475**

* = 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 and 2008 are preliminary. Values for January through July 2007 are revised. - 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 September 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	**1,035,346**	**753,390**	**271,716**	**743**	**9,496**
2007					
January	92,245	67,243	24,321	69	612
February	84,496	61,369	22,497	67	563
March	82,300	59,412	22,195	64	629
April	76,357	54,974	20,747	52	585
May	81,774	60,334	20,765	56	618
June	90,592	65,957	23,957	57	620
July	97,419	70,968	25,745	59	646
August	99,944	72,820	26,401	64	660
September	88,807	64,620	23,415	63	710
October	84,679	61,109	22,801	64	705
November	82,928	60,510	21,727	62	628
December	91,805	66,458	24,651	68	629
Total	**1,053,346**	**765,773**	**279,222**	**745**	**7,606**
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
Total	**793,576**	**579,208**	**208,066**	**371**	**5,930**
Year-to-Date					
2006	777,514	566,885	202,861	561	7,207
2007	793,934	577,696	210,043	551	5,643
2008	793,576	579,208	208,066	371	5,930
Rolling 12 Months Ending in September					
2007	1,050,580	764,201	278,326	637	7,416
2008	1,052,988	767,285	277,245	565	7,893

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 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	1,600
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	**18,437**	--	**1,529**	**1,143**	**15,765**
2007					
January	1,680	--	140	123	1,417
February	1,572	--	121	118	1,333
March	1,582	--	136	106	1,339
April	1,435	--	94	93	1,248
May	1,481	--	122	88	1,272
June	1,499	--	133	80	1,286
July	1,498	--	112	90	1,295
August	1,556	--	121	96	1,340
September	1,319	--	110	80	1,128
October	1,394	--	106	82	1,205
November	1,376	--	107	108	1,161
December	2,694	--	126	115	2,453
Total	**19,084**	--	**1,429**	**1,179**	**16,477**
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
Total	**16,237**	--	**3,236**	**1,250**	**11,751**
Year-to-Date					
2006	13,802	--	1,130	847	11,825
2007	13,621	--	1,089	874	11,658
2008	16,237	--	3,236	1,250	11,751
Rolling 12 Months Ending in September					
2007	19,441	--	2,060	1,267	16,114
2008	21,700	--	3,575	1,556	16,570

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 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	93,925	67,243	24,461	192	2,030
February	86,068	61,369	22,619	185	1,895
March	83,881	59,412	22,331	171	1,968
April	77,792	54,974	20,841	145	1,832
May	83,254	60,334	20,887	144	1,889
June	92,090	65,957	24,090	137	1,906
July	98,917	70,968	25,858	149	1,942
August	101,500	72,820	26,522	160	1,999
September	90,126	64,620	23,524	143	1,839
October	86,073	61,109	22,907	146	1,910
November	84,304	60,510	21,834	170	1,790
December	94,499	66,458	24,777	183	3,081
Total	**1,072,430**	**765,773**	**280,650**	**1,924**	**24,082**
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
Total	**809,813**	**579,208**	**211,302**	**1,622**	**17,681**
Year-to-Date					
2006	791,317	566,885	203,992	1,407	19,033
2007	807,554	577,696	211,132	1,425	17,301
2008	809,813	579,208	211,302	1,622	17,681
Rolling 12 Months Ending in September					
2007	1,070,021	764,201	280,386	1,904	23,530
2008	1,074,688	767,285	280,820	2,120	24,462

Notes: • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	**77,003**	**53,529**	**18,249**	**463**	**4,761**
2007					
January	7,763	4,305	2,921	57	480
February	13,228	6,776	5,927	56	469
March	7,053	4,176	2,383	50	443
April	6,561	4,664	1,407	41	450
May	6,068	4,567	1,080	23	398
June	7,432	5,284	1,798	19	331
July	7,493	5,528	1,633	19	313
August	10,430	7,737	2,339	26	328
September	6,372	4,825	1,259	17	271
October	6,176	4,788	1,087	17	284
November	3,519	2,436	752	17	314
December	4,911	2,781	1,722	20	387
Total	**87,005**	**57,866**	**24,309**	**363**	**4,467**
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
Total	**41,945**	**29,802**	**10,400**	**127**	**1,616**
Year-to-Date					
2006	59,941	41,471	14,478	372	3,620
2007	72,400	47,862	20,748	308	3,483
2008	41,945	29,802	10,400	127	1,616
Rolling 12 Months Ending in September					
2007	88,687	59,920	24,238	375	4,154
2008	56,550	39,807	13,961	181	2,601

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 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	**10,895**	--	**83**	**423**	**10,389**
2007					
January	1,199	--	10	62	1,127
February	1,384	--	46	69	1,269
March	1,149	--	16	56	1,077
April	1,038	--	14	35	990
May	941	--	10	18	913
June	690	--	5	13	671
July	600	--	4	12	584
August	655	--	9	13	633
September	575	--	41	12	522
October	614	--	4	11	599
November	609	--	5	19	585
December	784	--	6	30	747
Total	**10,238**	--	**171**	**351**	**9,717**
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
Total	**5,105**	--	**605**	**185**	**4,315**
Year-to-Date					
2006	8,124	--	66	325	7,733
2007	8,231	--	155	290	7,786
2008	5,105	--	605	185	4,315
Rolling 12 Months Ending in September					
2007	11,777	--	453	413	10,912
2008	7,111	--	620	245	6,246

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Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1994 through September 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	8,962	4,305	2,930	120	1,607
February	14,612	6,776	5,973	125	1,737
March	8,202	4,176	2,399	106	1,521
April	7,600	4,664	1,421	75	1,439
May	7,010	4,567	1,091	41	1,310
June	8,121	5,284	1,803	33	1,002
July	8,093	5,528	1,637	31	898
August	11,085	7,737	2,349	39	961
September	6,947	4,825	1,300	28	793
October	6,789	4,788	1,091	28	882
November	4,128	2,436	757	36	898
December	5,695	2,781	1,729	50	1,135
Total	**97,243**	**57,866**	**24,480**	**713**	**14,184**
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
Total	**47,050**	**29,802**	**11,004**	**312**	**5,931**
Year-to-Date					
2006	68,065	41,471	14,544	697	11,353
2007	80,631	47,862	20,903	598	11,268
2008	47,050	29,802	11,004	312	5,931
Rolling 12 Months Ending in September					
2007	100,464	59,920	24,691	788	15,066
2008	63,662	39,807	14,581	427	8,847

Notes: • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	**7,673**	**3,619**	**3,473**	**4**	**578**
2007					
January	605	253	304	*	49
February	484	246	189	*	49
March	492	247	190	*	55
April	471	196	226	*	49
May	520	239	230	--	51
June	597	269	272	--	56
July	528	226	250	--	53
August	558	245	253	*	60
September	517	223	241	1	53
October	467	199	216	1	51
November	439	153	233	1	52
December	543	208	285	*	49
Total	**6,222**	**2,703**	**2,888**	**5**	**627**
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
Total	**3,997**	**1,745**	**2,002**	**1**	**250**
Year-to-Date					
2006	5,915	2,901	2,578	2	434
2007	4,773	2,143	2,153	3	474
2008	3,997	1,745	2,002	1	250
Rolling 12 Months Ending in September					
2007	6,447	2,860	3,000	3	583
2008	5,446	2,305	2,736	3	402

* = 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. See the technical notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	**948**	--	**9**	**6**	**933**
2007					
January	83	--	*	1	83
February	74	--	*	1	73
March	80	--	*	1	79
April	80	--	*	1	79
May	79	--	*	--	79
June	98	--	*	--	98
July	96	--	1	--	95
August	107	--	*	1	107
September	87	--	1	1	84
October	90	--	*	1	89
November	87	--	*	1	86
December	102	--	*	1	101
Total	**1,063**	--	**3**	**7**	**1,053**
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
Total	**823**	--	**93**	**4**	**725**
Year-to-Date					
2006	717	--	7	4	706
2007	784	--	3	5	777
2008	823	--	93	4	725
Rolling 12 Months Ending in September					
2007	1,100	--	52	8	1,040
2008	1,102	--	93	7	1,001

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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 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	689	253	304	1	131
February	558	246	189	1	122
March	572	247	190	1	134
April	550	196	226	1	128
May	599	239	230	--	130
June	695	269	272	--	154
July	625	226	251	--	149
August	665	245	253	1	166
September	604	223	242	2	137
October	557	199	216	2	140
November	526	153	233	2	138
December	645	208	285	1	150
Total	**7,285**	**2,703**	**2,891**	**12**	**1,679**
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
Total	**4,820**	**1,745**	**2,095**	**5**	**975**
Year-to-Date					
2006	6,632	2,901	2,586	6	1,139
2007	5,557	2,143	2,156	8	1,251
2008	4,820	1,745	2,095	5	975
Rolling 12 Months Ending in September					
2007	7,547	2,860	3,052	12	1,623
2008	6,548	2,305	2,829	10	1,404

* = 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 September 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	**6,869,624**	**2,478,396**	**3,618,585**	**48,384**	**724,259**
2007					
January	500,112	171,796	261,598	4,062	62,656
February	477,522	168,318	248,735	3,951	56,519
March	469,050	159,624	246,844	4,043	58,539
April	507,358	179,774	267,596	3,754	56,234
May	561,469	208,175	291,342	3,891	58,061
June	681,652	250,372	368,244	4,290	58,745
July	818,582	303,229	447,915	4,510	62,928
August	1,037,821	400,102	564,045	4,667	69,006
September	736,495	272,220	397,353	4,165	62,758
October	663,528	252,009	343,477	4,294	63,749
November	500,908	178,791	257,973	3,851	60,293
December	552,948	193,136	292,467	4,173	63,171
Total	**7,507,446**	**2,737,547**	**3,987,590**	**49,651**	**732,658**
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
Total	**5,396,069**	**2,103,287**	**2,839,257**	**28,147**	**425,378**
Year-to-Date					
2006	5,364,475	1,942,102	2,845,291	36,223	540,859
2007	5,790,061	2,113,610	3,093,672	37,333	545,446
2008	5,396,069	2,103,287	2,839,257	28,147	425,378
Rolling 12 Months Ending in September					
2007	7,190,216	2,649,904	3,814,791	46,117	679,404
2008	7,113,454	2,727,223	3,733,174	40,465	612,591

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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;" 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 September 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	**549,335**	--	**125,119**	**33,877**	**390,338**
2007					
January	44,121	--	8,299	1,808	34,014
February	44,628	--	10,174	2,627	31,827
March	42,696	--	10,815	1,900	29,981
April	40,323	--	9,369	1,608	29,346
May	41,759	--	8,817	1,380	31,563
June	51,763	--	8,808	2,320	40,635
July	61,303	--	11,030	4,258	46,015
August	114,269	--	42,978	5,649	65,642
September	59,773	--	9,413	3,830	46,530
October	55,520	--	9,228	3,346	42,947
November	42,029	--	9,137	1,738	31,153
December	53,890	--	10,879	3,244	39,767
Total	**652,073**	--	**148,946**	**33,708**	**469,420**
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
Total	**587,664**	--	**229,754**	**19,012**	**338,898**
Year-to-Date					
2006	417,629	--	96,224	28,948	292,457
2007	500,635	--	119,702	25,379	355,553
2008	587,664	--	229,754	19,012	338,898
Rolling 12 Months Ending in September					
2007	737,334	--	200,772	33,685	502,877
2008	739,103	--	258,998	27,340	452,765

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 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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;" 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.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1994 through September 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	**7,418,959**	**2,478,396**	**3,743,704**	**82,261**	**1,114,597**
2007					
January	544,233	171,796	269,897	5,871	96,670
February	522,150	168,318	258,908	6,578	88,346
March	511,745	159,624	257,659	5,942	88,520
April	547,680	179,774	276,965	5,362	85,579
May	603,228	208,175	300,159	5,270	89,623
June	733,415	250,372	377,052	6,610	99,380
July	879,885	303,229	458,945	8,768	108,943
August	1,152,090	400,102	607,023	10,316	134,649
September	796,269	272,220	406,766	7,995	109,288
October	719,049	252,009	352,705	7,639	106,695
November	542,937	178,791	267,110	5,590	91,446
December	606,838	193,136	303,346	7,417	102,939
Total	**8,159,519**	**2,737,547**	**4,136,536**	**83,358**	**1,202,079**
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
Total	**5,983,733**	**2,103,287**	**3,069,011**	**47,159**	**764,277**
Year-to-Date					
2006	5,782,104	1,942,102	2,941,515	65,171	833,316
2007	6,290,696	2,113,610	3,213,375	62,712	900,999
2008	5,983,733	2,103,287	3,069,011	47,159	764,277
Rolling 12 Months Ending in September					
2007	7,927,550	2,649,904	4,015,563	79,802	1,182,280
2008	7,852,556	2,727,223	3,992,172	67,805	1,065,356

Notes: • See Glossary for definitions. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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, September 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**703**	**683**	**2.9**	**112**	**128**	**586**	**549**	**--**	**--**	**NM**	**6**
Connecticut	194	166	16.5	--	--	194	166	--	--	--	--
Maine	6	7	-24.5	--	--	1	4	--	--	4	4
Massachusetts	392	381	2.7	--	--	391	379	--	--	NM	NM
New Hampshire	112	128	-12.5	112	128	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**5,503**	**5,688**	**-3.2**	**NM**	**60**	**5,433**	**5,535**	**NM**	**NM**	**61**	**91**
New Jersey	414	396	4.6	NM	NM	411	393	--	--	--	--
New York	819	796	2.9	NM	58	804	705	*	*	8	33
Pennsylvania	4,271	4,496	-5.0	--	--	4,218	4,437	NM	NM	NM	58
East North Central	**19,423**	**20,295**	**-4.3**	**13,031**	**13,971**	**6,129**	**6,136**	**13**	**15**	**250**	**174**
Illinois	4,887	4,860	.6	211	449	4,478	4,333	1	1	197	76
Indiana	4,916	5,034	-2.3	4,601	4,727	308	300	5	5	NM	NM
Michigan	2,931	3,232	-9.3	2,886	3,172	NM	26	6	7	14	27
Ohio	4,635	5,064	-8.5	3,311	3,575	1,315	1,475	NM	--	NM	15
Wisconsin	2,053	2,105	-2.5	2,021	2,048	NM	NM	NM	2	28	53
West North Central	**12,310**	**12,235**	**.6**	**12,200**	**12,135**	**3**	**3**	**11**	**24**	**96**	**73**
Iowa	1,972	2,133	-7.6	1,928	2,091	--	--	6	10	38	32
Kansas	1,841	1,926	-4.4	1,841	1,926	--	--	--	--	--	--
Minnesota	1,553	1,577	-1.5	1,509	1,548	3	3	--	--	NM	26
Missouri	3,631	3,443	5.5	3,621	3,426	--	--	5	14	NM	4
Nebraska	1,069	1,115	-4.1	1,068	1,114	--	--	--	--	NM	NM
North Dakota	2,066	1,852	11.6	2,055	1,841	--	--	--	--	NM	11
South Dakota	178	188	-5.5	178	188	--	--	--	--	--	--
South Atlantic	**14,623**	**16,143**	**-9.4**	**12,259**	**13,477**	**2,255**	**2,497**	**1**	**2**	**107**	**168**
Delaware	159	205	-22.5	--	--	157	199	--	--	NM	6
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,503	2,614	-4.2	2,313	2,405	185	183	--	--	NM	26
Georgia	3,461	3,554	-2.6	3,440	3,507	--	--	--	--	20	47
Maryland	939	925	1.6	--	--	934	915	--	--	5	10
North Carolina	2,490	2,784	-10.5	2,354	2,630	NM	135	1	2	NM	18
South Carolina	1,361	1,436	-5.2	1,336	1,425	--	--	--	--	25	10
Virginia	991	1,337	-25.8	776	1,079	184	227	NM	--	31	30
West Virginia	2,719	3,289	-17.3	2,039	2,430	669	838	--	--	11	21
East South Central	**9,635**	**9,767**	**-1.3**	**8,965**	**9,155**	**629**	**556**	**NM**	**4**	**40**	**52**
Alabama	3,020	3,177	-5.0	3,000	3,164	8	7	--	--	NM	7
Kentucky	3,592	3,411	5.3	3,263	3,037	329	374	--	--	--	--
Mississippi	727	757	-3.9	434	581	293	175	--	--	NM	--
Tennessee	2,296	2,422	-5.2	2,268	2,373	--	--	NM	4	28	45
West South Central	**13,164**	**13,286**	**-.9**	**7,103**	**6,975**	**6,035**	**6,280**	**--**	**--**	**NM**	**31**
Arkansas	1,244	1,414	-12.0	1,242	1,411	--	--	--	--	NM	2
Louisiana	1,141	1,395	-18.2	656	646	486	749	--	--	NM	1
Oklahoma	1,863	1,798	3.6	1,698	1,638	142	133	--	--	NM	27
Texas	8,916	8,680	2.7	3,508	3,281	5,408	5,399	--	--	--	--
Mountain	**9,786**	**9,698**	**.9**	**8,678**	**8,459**	**1,032**	**1,146**	**--**	**--**	**76**	**92**
Arizona	1,990	1,692	17.6	1,977	1,675	--	--	--	--	NM	18
Colorado	1,430	1,399	2.2	1,424	1,386	NM	12	--	--	--	--
Idaho	NM	4	--	--	--	--	--	--	--	NM	4
Montana	939	1,085	-13.4	NM	NM	911	1,056	--	--	--	--
Nevada	310	320	-3.3	310	320	--	--	--	--	--	--
New Mexico	1,287	1,392	-7.5	1,287	1,392	--	--	--	--	--	--
Utah	1,487	1,529	-2.8	1,395	1,423	NM	NM	--	--	57	66
Wyoming	2,342	2,277	2.8	2,256	2,234	NM	NM	--	--	4	4
Pacific Contiguous	**908**	**903**	**.5**	**204**	**243**	**696**	**636**	**--**	**--**	**9**	**24**
California	85	107	-20.6	--	--	77	84	--	--	8	23
Oregon	204	243	-16.3	204	243	--	--	--	--	--	--
Washington	619	553	12.0	--	--	619	552	--	--	1	1
Pacific Noncontiguous	**NM**	**109**	**--**	**17**	**16**	**NM**	**76**	**NM**	**17**	**--**	**--**
Alaska	NM	47	--	17	16	NM	15	NM	17	--	--
Hawaii	NM	62	--	--	--	NM	62	--	--	--	--
U.S. Total	**86,173**	**88,807**	**-3.0**	**62,579**	**64,620**	**22,892**	**23,415**	**33**	**63**	**669**	**710**

* = 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 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	**5,986**	**6,899**	**-13.2**	**1,071**	**1,172**	**4,868**	**5,646**	**--**	**--**	**NM**	**81**
Connecticut	1,607	1,667	-3.6	--	--	1,607	1,667	--	--	--	--
Maine	69	90	-23.7	--	--	29	34	--	--	40	56
Massachusetts	3,240	3,969	-18.4	--	--	3,232	3,944	--	--	NM	25
New Hampshire	1,071	1,172	-8.6	1,071	1,172	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**51,178**	**53,392**	**-4.1**	**NM**	**606**	**50,058**	**52,194**	**NM**	**17**	**658**	**575**
New Jersey	3,230	3,327	-2.9	NM	146	3,011	3,181	--	--	--	--
New York	7,134	7,357	-3.0	NM	461	6,700	6,786	3	4	192	106
Pennsylvania	40,815	42,708	-4.4	--	--	40,347	42,227	NM	12	NM	469
East North Central	**182,019**	**180,052**	**1.1**	**122,382**	**124,213**	**57,414**	**54,237**	**106**	**153**	**2,118**	**1,450**
Illinois	44,683	43,286	3.2	1,747	4,255	41,323	38,311	13	14	NM	706
Indiana	46,073	46,180	-.2	43,051	43,272	2,968	2,825	42	57	NM	26
Michigan	27,556	27,986	-1.5	27,175	27,466	NM	218	45	64	119	238
Ohio	44,561	44,479	.2	31,599	31,474	12,869	12,862	NM	--	NM	142
Wisconsin	19,146	18,121	5.7	18,809	17,745	NM	NM	NM	18	293	338
West North Central	**114,056**	**112,340**	**1.5**	**113,118**	**111,461**	**17**	**39**	**NM**	**174**	**829**	**666**
Iowa	18,901	17,675	6.9	18,545	17,316	--	--	NM	82	303	278
Kansas	16,405	17,213	-4.7	16,405	17,213	--	--	--	--	--	--
Minnesota	14,802	14,974	-1.1	14,403	14,694	17	39	--	--	NM	241
Missouri	33,786	33,616	.5	33,697	33,491	--	--	39	92	NM	33
Nebraska	10,311	8,861	16.4	10,299	8,850	--	--	--	--	NM	10
North Dakota	18,106	18,517	-2.2	18,024	18,414	--	--	--	--	NM	104
South Dakota	1,746	1,483	17.7	1,746	1,483	--	--	--	--	--	--
South Atlantic	**140,364**	**142,079**	**-1.2**	**117,933**	**117,624**	**21,363**	**23,174**	**17**	**22**	**1,051**	**1,258**
Delaware	1,776	1,825	-2.7	--	--	1,757	1,768	--	--	NM	57
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	21,422	21,584	-.7	19,979	19,960	1,399	1,533	--	--	NM	91
Georgia	31,195	31,424	-.7	30,946	31,084	--	--	--	--	249	340
Maryland	8,601	9,041	-4.9	--	--	8,559	8,959	--	--	42	83
North Carolina	24,225	24,807	-2.3	23,299	23,518	NM	1,146	17	22	NM	121
South Carolina	13,588	12,549	8.3	13,337	12,384	--	--	--	--	251	164
Virginia	10,195	11,701	-12.9	8,296	9,296	1,625	2,206	NM	--	274	199
West Virginia	29,363	29,147	.7	22,077	21,382	7,186	7,562	--	--	100	203
East South Central	**87,802**	**88,646**	**-1.0**	**81,550**	**82,137**	**5,887**	**5,954**	**NM**	**32**	**360**	**522**
Alabama	27,603	28,641	-3.6	27,423	28,512	74	54	--	--	NM	75
Kentucky	31,559	31,224	1.1	28,388	27,925	3,171	3,299	--	--	--	--
Mississippi	7,800	7,750	.7	5,157	5,147	2,642	2,601	--	--	NM	1
Tennessee	20,840	21,031	-.9	20,581	20,553	--	--	NM	32	253	446
West South Central	**118,526**	**116,472**	**1.8**	**64,605**	**62,111**	**53,697**	**54,080**	**--**	**--**	**NM**	**281**
Arkansas	11,565	12,044	-4.0	11,542	12,019	--	--	--	--	NM	25
Louisiana	12,339	11,469	7.6	6,291	5,388	6,044	6,073	--	--	NM	8
Oklahoma	17,572	16,052	9.5	16,397	14,723	978	1,081	--	--	NM	248
Texas	77,050	76,907	.2	30,375	29,981	46,675	46,926	--	--	--	--
Mountain	**86,412**	**86,333**	**.1**	**76,282**	**76,387**	**9,566**	**9,279**	**--**	**--**	**563**	**667**
Arizona	16,759	16,097	4.1	16,665	15,944	--	--	--	--	NM	153
Colorado	14,181	14,572	-2.7	14,143	14,468	NM	104	--	--	--	--
Idaho	NM	40	--	--	--	--	--	--	--	NM	40
Montana	8,811	8,739	.8	NM	260	8,557	8,480	--	--	--	--
Nevada	2,511	2,492	.7	2,511	2,492	--	--	--	--	--	--
New Mexico	11,152	12,001	-7.1	11,152	12,001	--	--	--	--	--	--
Utah	13,014	12,826	1.5	12,284	12,040	NM	347	--	--	419	440
Wyoming	19,971	19,565	2.1	19,273	19,182	NM	348	--	--	38	35
Pacific Contiguous	**6,193**	**6,730**	**-8.0**	**1,655**	**1,844**	**4,460**	**4,742**	**--**	**--**	**78**	**143**
California	658	831	-20.8	--	--	593	698	--	--	65	133
Oregon	1,655	1,844	-10.3	1,655	1,844	--	--	--	--	--	--
Washington	3,880	4,055	-4.3	--	--	3,867	4,044	--	--	13	10
Pacific Noncontiguous	**NM**	**992**	**--**	**155**	**141**	**737**	**698**	**NM**	**154**	**--**	**--**
Alaska	NM	431	--	155	141	NM	137	NM	154	--	--
Hawaii	579	561	3.1	--	--	579	561	--	--	--	--
U.S. Total	**793,576**	**793,934**	**.0**	**579,208**	**577,696**	**208,066**	**210,043**	**371**	**551**	**5,930**	**5,643**

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 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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, September 2008 and 2007

(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**434**	**530**	**-18.0**	**NM**	**12**	**383**	**460**	**NM**	**6**	**40**	**51**
Connecticut	27	133	-79.6	NM	NM	25	128	NM	NM	NM	NM
Maine	35	53	-35.1	NM	NM	NM	16	NM	1	32	37
Massachusetts	353	310	14.1	NM	NM	346	295	NM	NM	NM	NM
New Hampshire	NM	27	--	NM	3	NM	20	NM	NM	NM	NM
Rhode Island	NM	5	--	NM	2	NM	NM	NM	NM	--	NM
Vermont	NM	2	--	NM	2	--	--	--	--	--	--
Middle Atlantic	**347**	**792**	**-56.2**	**144**	**397**	**178**	**365**	**NM**	**7**	**NM**	**22**
New Jersey	NM	52	--	NM	NM	NM	47	NM	NM	NM	NM
New York	234	603	-61.2	142	392	77	187	NM	7	11	17
Pennsylvania	86	136	-37.1	NM	NM	76	130	NM	NM	NM	5
East North Central	**132**	**190**	**-30.7**	**103**	**152**	**25**	**25**	**NM**	**NM**	**NM**	**14**
Illinois	22	18	22.2	NM	NM	20	14	NM	NM	NM	NM
Indiana	20	24	-18.9	18	20	NM	NM	NM	*	NM	4
Michigan	40	80	-49.5	39	78	NM	NM	NM	NM	NM	2
Ohio	40	39	2.8	35	28	NM	10	--	--	NM	*
Wisconsin	NM	29	--	NM	21	NM	NM	NM	--	NM	NM
West North Central	**58**	**65**	**-11.5**	**57**	**64**	**NM**	*****	**NM**	**NM**	**NM**	**NM**
Iowa	NM	26	--	NM	25	NM	*	NM	*	NM	NM
Kansas	NM	6	--	NM	6	--	--	NM	--	--	--
Minnesota	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM
Missouri	NM	12	--	NM	12	--	--	NM	NM	--	--
Nebraska	NM	NM	--	NM	NM	--	--	--	*	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	*
South Dakota	NM	NM	--	NM	NM	--	--	--	--	--	--
South Atlantic	**2,435**	**3,161**	**-23.0**	**2,230**	**2,860**	**114**	**172**	**NM**	**NM**	**90**	**127**
Delaware	64	24	169.2	NM	NM	NM	NM	--	--	59	18
District of Columbia	2	14	-84.3	--	--	2	14	--	--	--	--
Florida	2,138	2,769	-22.8	2,088	2,723	NM	26	NM	--	NM	21
Georgia	15	31	-51.0	5	11	NM	NM	NM	*	9	19
Maryland	54	112	-52.4	NM	NM	51	109	NM	NM	NM	NM
North Carolina	33	69	-52.3	27	37	NM	NM	NM	NM	NM	33
South Carolina	23	59	-61.9	16	40	--	--	NM	NM	6	19
Virginia	93	51	80.7	78	20	11	13	--	*	NM	17
West Virginia	14	32	-55.4	14	28	--	4	--	--	--	--
East South Central	**97**	**45**	**113.3**	**81**	**36**	**NM**	**2**	**--**	**--**	**NM**	**7**
Alabama	NM	14	--	17	8	NM	NM	--	--	NM	7
Kentucky	14	13	4.6	10	11	NM	2	--	--	--	--
Mississippi	37	2	NM	37	2	--	--	--	--	NM	*
Tennessee	18	16	12.2	18	15	--	--	--	--	NM	NM
West South Central	**270**	**50**	**443.3**	**249**	**38**	**NM**	**3**	**NM**	**NM**	**NM**	**8**
Arkansas	NM	NM	--	NM	NM	--	--	--	--	NM	NM
Louisiana	253	15	NM	244	10	3	1	--	--	NM	5
Oklahoma	NM	3	--	NM	2	--	--	NM	--	NM	1
Texas	NM	10	--	NM	NM	NM	3	NM	NM	NM	2
Mountain	**32**	**41**	**-20.9**	**20**	**32**	**NM**	**NM**	**NM**	**--**	**NM**	**NM**
Arizona	NM	9	--	NM	9	--	--	NM	--	NM	*
Colorado	NM	NM	--	NM	NM	NM	NM	--	--	NM	--
Idaho	NM	NM	--	NM	NM	--	--	--	--	--	--
Montana	6	NM	--	NM	NM	6	NM	--	--	--	--
Nevada	NM	1	--	NM	1	*	--	--	--	--	--
New Mexico	NM	5	--	NM	5	NM	NM	--	--	NM	--
Utah	NM	NM	--	NM	NM	NM	NM	--	--	--	--
Wyoming	NM	NM	--	2	NM	NM	NM	--	--	NM	*
Pacific Contiguous	**32**	**16**	**96.4**	**NM**	**8**	**NM**	**NM**	**NM**	**NM**	**12**	**5**
California	29	10	194.2	15	7	NM	NM	NM	NM	NM	*
Oregon	NM	*	--	1	*	--	--	--	--	NM	--
Washington	NM	6	--	NM	NM	1	*	NM	NM	NM	5
Pacific Noncontiguous	**1,216**	**1,482**	**-17.9**	**1,073**	**1,226**	**123**	**220**	**NM**	**1**	**NM**	**35**
Alaska	81	151	-46.5	76	142	--	--	NM	1	NM	8
Hawaii	1,135	1,331	-14.7	997	1,083	123	220	*	*	NM	27
U.S. Total	**5,052**	**6,372**	**-20.7**	**3,980**	**4,825**	**851**	**1,259**	**12**	**17**	**209**	**271**

* = 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 2006 are final. Values for 2007 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 September 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	**4,484**	**8,059**	**-44.4**	**308**	**631**	**3,783**	**6,614**	**NM**	**110**	**341**	**705**
Connecticut	800	1,882	-57.5	NM	3	777	1,804	NM	NM	NM	76
Maine	498	956	-47.9	NM	NM	248	486	NM	5	246	464
Massachusetts	2,768	4,264	-35.1	NM	78	2,643	4,014	NM	52	NM	120
New Hampshire	366	852	-57.0	220	494	NM	299	NM	15	NM	44
Rhode Island	NM	79	--	NM	28	NM	11	NM	38	*	NM
Vermont	NM	26	--	NM	26	--	--	--	--	--	--
Middle Atlantic	**5,731**	**15,204**	**-62.3**	**2,169**	**6,657**	**3,269**	**8,097**	**48**	**137**	**NM**	**313**
New Jersey	NM	951	--	NM	126	NM	820	NM	NM	NM	NM
New York	3,956	12,101	-67.3	2,121	6,526	1,646	5,188	40	127	149	261
Pennsylvania	1,237	2,152	-42.5	NM	NM	1,132	2,088	NM	9	NM	50
East North Central	**1,602**	**2,128**	**-24.7**	**1,264**	**1,538**	**273**	**325**	**NM**	**4**	**58**	**261**
Illinois	236	202	17.0	NM	NM	190	144	NM	1	NM	5
Indiana	251	250	.5	240	199	NM	NM	NM	2	NM	49
Michigan	556	807	-31.1	519	716	NM	NM	NM	1	NM	90
Ohio	415	492	-15.6	332	312	77	169	--	--	NM	10
Wisconsin	144	378	-61.8	128	259	NM	NM	NM	*	NM	108
West North Central	**680**	**1,207**	**-43.6**	**665**	**1,179**	**NM**	**14**	**NM**	**6**	**NM**	**NM**
Iowa	NM	366	--	NM	357	NM	9	NM	*	NM	NM
Kansas	82	85	-4.0	82	85	--	--	NM	--	--	--
Minnesota	NM	343	--	NM	328	NM	5	NM	5	NM	NM
Missouri	131	140	-6.5	130	139	--	--	NM	1	--	--
Nebraska	52	NM	--	52	NM	--	--	--	1	--	--
North Dakota	71	76	-5.9	70	74	--	--	--	--	NM	2
South Dakota	NM	114	--	NM	114	--	--	--	--	--	--
South Atlantic	**16,318**	**28,585**	**-42.9**	**14,476**	**24,441**	**1,256**	**2,950**	**NM**	**NM**	**580**	**1,174**
Delaware	277	425	-34.8	NM	NM	134	337	--	--	143	88
District of Columbia	155	185	-16.1	--	--	155	185	--	--	--	--
Florida	12,875	21,172	-39.2	12,672	20,627	106	303	NM	--	NM	242
Georgia	225	307	-26.6	114	151	NM	NM	NM	12	96	139
Maryland	656	1,661	-60.5	NM	NM	627	1,607	NM	NM	NM	17
North Carolina	412	844	-51.2	309	415	NM	NM	NM	NM	100	401
South Carolina	267	526	-49.3	171	338	*	*	NM	NM	95	185
Virginia	1,261	3,196	-60.6	1,008	2,628	218	475	--	5	34	88
West Virginia	191	270	-29.6	188	244	2	12	--	--	--	14
East South Central	**822**	**1,369**	**-40.0**	**649**	**1,170**	**63**	**41**	**--**	**--**	**110**	**158**
Alabama	274	253	8.1	146	NM	26	5	--	--	101	132
Kentucky	169	169	-.1	132	134	37	35	--	--	--	--
Mississippi	83	717	-88.5	79	715	--	--	--	--	NM	2
Tennessee	297	230	29.1	292	206	--	--	--	--	NM	24
West South Central	**751**	**1,307**	**-42.5**	**525**	**995**	**149**	**167**	**NM**	**NM**	**76**	**140**
Arkansas	53	242	-78.3	47	221	--	--	--	--	NM	NM
Louisiana	469	534	-12.3	424	447	16	17	--	--	NM	71
Oklahoma	NM	240	--	19	222	--	--	NM	*	NM	17
Texas	193	292	-33.9	35	105	133	150	NM	NM	NM	NM
Mountain	**367**	**463**	**-20.6**	**275**	**336**	**NM**	**120**	**--**	**--**	**NM**	**NM**
Arizona	72	70	2.4	70	66	--	--	NM	--	NM	4
Colorado	NM	126	--	NM	96	NM	NM	--	--	NM	NM
Idaho	NM	NM	--	NM	NM	--	--	--	--	NM	--
Montana	30	NM	--	NM	NM	29	NM	--	--	--	--
Nevada	NM	NM	--	NM	NM	*	--	--	--	--	--
New Mexico	64	51	26.3	63	47	NM	NM	--	--	NM	*
Utah	NM	110	--	NM	NM	NM	61	--	--	--	--
Wyoming	64	59	8.5	63	57	NM	NM	--	--	NM	1
Pacific Contiguous	**263**	**584**	**-55.0**	**NM**	**125**	**69**	**113**	**NM**	**NM**	**62**	**341**
California	194	481	-59.6	104	103	NM	100	NM	NM	NM	274
Oregon	NM	15	--	20	6	--	--	NM	--	NM	9
Washington	37	88	-57.6	NM	NM	18	13	NM	NM	NM	58
Pacific Noncontiguous	**10,927**	**13,494**	**-19.0**	**9,340**	**10,790**	**1,441**	**2,308**	**NM**	**20**	**138**	**376**
Alaska	973	1,667	-41.6	918	1,566	--	--	NM	17	NM	84
Hawaii	9,954	11,826	-15.8	8,422	9,223	1,441	2,308	3	3	88	292
U.S. Total	**41,945**	**72,400**	**-42.1**	**29,802**	**47,862**	**10,400**	**20,748**	**127**	**308**	**1,616**	**3,483**

* = 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 2006 are final. Values for 2007 are preliminary estimates based on a sample. Values for January through July 2007 are revised. - 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, September 2008 and 2007

(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**NM**	**18**	--	--	--	**5**	**15**	--	--	**NM**	**3**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	5	14	-66.7	--	--	5	14	--	--	--	--
Pennsylvania	NM	NM	--	--	--	NM	NM	--	--	NM	3
East North Central	**58**	**50**	**16.9**	**19**	**20**	**35**	**21**	--	--	**5**	**9**
Illinois	NM	--	--	NM	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	3	4	-10.7	--	1	3	3	--	--	--	--
Ohio	32	20	63.7	--	--	32	19	--	--	NM	NM
Wisconsin	23	27	-13.6	19	19	--	--	--	--	4	8
West North Central	**11**	**NM**	--	**11**	**NM**	--	--	*	**1**	--	--
Iowa	*	NM	--	*	NM	--	--	*	1	--	--
Kansas	4	--	--	4	--	--	--	--	--	--	--
Minnesota	7	4	47.9	7	4	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**111**	**146**	**-23.7**	**105**	**132**	--	--	--	--	**6**	**13**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	97	132	-26.4	97	132	--	--	--	--	--	--
Georgia	6	13	-51.9	--	--	--	--	--	--	6	13
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	7	--	--	7	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**92**	**79**	**16.1**	--	--	**92**	**79**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	92	79	16.1	--	--	92	79	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**90**	**122**	**-26.2**	**56**	**65**	**26**	**40**	--	--	**NM**	**18**
Arkansas	NM	--	--	--	--	--	--	--	--	NM	--
Louisiana	62	76	-18.5	56	65	--	--	--	--	NM	11
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	29	47	-38.7	--	--	26	40	--	--	NM	7
Mountain	**10**	**22**	**-53.2**	--	--	**10**	**22**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	10	22	-53.2	--	--	10	22	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**45**	**74**	**-39.1**	--	--	**40**	**64**	--	--	**NM**	**10**
California	45	74	-39.1	--	--	40	64	--	--	NM	10
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**426**	**517**	**-17.6**	**191**	**223**	**208**	**241**	*	**1**	**27**	**53**

* = 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 2006 are final. Values for 2007 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.

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Table 2.7.B. Consumption of Petroleum Coke for Electricity Generation by State by Sector, Year-to-Date through September 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**	**136**	--	--	--	**54**	**87**	--	--	**NM**	**49**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	44	81	-44.9	--	--	44	81	--	--	--	--
Pennsylvania	NM	56	--	--	--	NM	NM	--	--	NM	49
East North Central	**539**	**548**	**-1.7**	**195**	**218**	**305**	**275**	--	--	**39**	**55**
Illinois	NM	--	--	NM	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	26	36	-28.1	--	7	26	29	--	--	--	--
Ohio	281	255	10.3	--	--	279	246	--	--	NM	9
Wisconsin	232	257	-9.9	195	211	--	--	--	--	37	46
West North Central	**115**	**73**	**56.3**	**114**	**70**	--	--	**1**	**3**	--	--
Iowa	31	NM	--	30	NM	--	--	1	3	--	--
Kansas	40	--	--	40	--	--	--	--	--	--	--
Minnesota	43	53	-17.9	43	53	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**989**	**1,454**	**-32.0**	**929**	**1,317**	--	--	--	--	**60**	**137**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	921	1,317	-30.1	921	1,317	--	--	--	--	--	--
Georgia	60	137	-56.0	--	--	--	--	--	--	60	137
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	7	--	--	7	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**823**	**771**	**6.7**	--	--	**823**	**771**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	823	771	6.7	--	--	823	771	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**902**	**987**	**-8.6**	**507**	**537**	**331**	**297**	--	--	**NM**	**153**
Arkansas	*	NM	--	--	--	--	--	--	--	*	NM
Louisiana	544	620	-12.3	507	537	--	--	--	--	NM	84
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	358	366	-2.2	--	--	331	297	--	--	NM	69
Mountain	**104**	**182**	**-43.2**	--	--	**104**	**182**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	104	182	-43.2	--	--	104	182	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**442**	**621**	**-28.8**	--	--	**385**	**541**	--	--	**NM**	**80**
California	442	621	-28.8	--	--	385	541	--	--	NM	80
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**3,997**	**4,773**	**-16.3**	**1,745**	**2,143**	**2,002**	**2,153**	**1**	**3**	**250**	**474**

* = 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 2006 are final. Values for 2007 are preliminary estimates based on a sample. Values for January through July 2007 are revised. - 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, September 2008 and 2007
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**32,913**	**39,255**	**-16.2**	**NM**	**497**	**31,021**	**36,614**	**410**	**463**	**1,427**	**1,681**
Connecticut	4,573	7,039	-35.0	4	--	4,431	6,726	NM	NM	NM	286
Maine	4,737	3,303	43.4	--	--	3,615	2,233	NM	NM	1,121	1,062
Massachusetts	13,677	18,195	-24.8	NM	493	13,194	17,159	344	339	NM	NM
New Hampshire	4,541	5,216	-13.0	*	2	4,443	5,086	--	--	NM	NM
Rhode Island	5,381	5,499	-2.1	--	--	5,337	5,410	NM	NM	--	--
Vermont	4	3	33.1	4	3	--	--	--	--	--	--
Middle Atlantic	**69,201**	**70,283**	**-1.5**	**13,501**	**12,664**	**54,288**	**55,203**	**508**	**668**	**904**	**1,748**
New Jersey	15,924	16,107	-1.1	NM	NM	15,422	15,241	NM	NM	NM	656
New York	37,026	39,257	-5.7	13,462	12,614	23,100	25,794	302	375	NM	474
Pennsylvania	16,252	14,920	8.9	NM	NM	15,766	14,168	NM	119	324	618
East North Central	**15,417**	**27,772**	**-44.5**	**3,781**	**7,322**	**10,550**	**18,989**	**371**	**479**	**714**	**982**
Illinois	3,139	6,541	-52.0	NM	905	2,376	5,003	328	409	NM	NM
Indiana	2,587	3,857	-32.9	451	1,512	1,780	2,106	NM	7	352	232
Michigan	5,166	9,792	-47.2	793	1,406	4,271	8,123	NM	NM	NM	NM
Ohio	1,697	3,988	-57.5	544	1,418	1,134	2,444	--	--	NM	NM
Wisconsin	2,828	3,593	-21.3	1,693	2,081	990	1,312	NM	36	NM	NM
West North Central	**7,640**	**10,575**	**-27.8**	**6,251**	**8,768**	**1,304**	**1,641**	**NM**	**43**	**NM**	**NM**
Iowa	1,192	NM	--	1,189	NM	NM	NM	NM	NM	*	--
Kansas	NM	2,519	--	NM	2,483	--	--	--	--	NM	NM
Minnesota	1,430	2,220	-35.6	831	1,340	546	777	NM	30	NM	NM
Missouri	2,647	4,027	-34.3	1,879	3,157	757	860	7	4	NM	NM
Nebraska	297	612	-51.5	296	601	NM	NM	--	NM	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	7
South Dakota	NM	NM	--	NM	NM	--	--	--	--	--	--
South Atlantic	**107,614**	**120,081**	**-10.4**	**86,548**	**92,228**	**20,544**	**26,688**	**NM**	**77**	**499**	**1,088**
Delaware	1,428	1,606	-11.1	NM	NM	1,411	1,562	--	--	NM	NM
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	76,843	80,547	-4.6	69,422	70,361	7,125	9,526	NM	43	276	617
Georgia	10,693	13,603	-21.4	5,731	6,905	4,860	6,424	--	--	NM	274
Maryland	1,851	2,746	-32.6	--	--	1,810	2,707	NM	NM	NM	NM
North Carolina	3,534	5,613	-37.0	2,479	4,468	1,038	1,085	*	29	NM	NM
South Carolina	4,086	5,448	-25.0	3,130	4,269	NM	1,172	NM	NM	15	4
Virginia	9,015	10,094	-10.7	5,747	6,101	3,223	3,900	--	--	NM	NM
West Virginia	163	423	-61.4	26	103	135	313	--	--	NM	NM
East South Central	**30,521**	**44,097**	**-30.8**	**15,942**	**24,748**	**13,681**	**18,047**	**NM**	**105**	**NM**	**1,197**
Alabama	13,882	17,599	-21.1	4,334	5,594	8,937	11,365	--	--	NM	640
Kentucky	783	2,122	-63.1	556	1,986	126	39	--	--	NM	NM
Mississippi	15,218	23,333	-34.8	10,483	16,431	4,617	6,606	NM	--	NM	296
Tennessee	639	1,044	-38.8	568	738	--	38	NM	105	NM	NM
West South Central	**185,307**	**244,096**	**-24.1**	**56,139**	**65,848**	**99,857**	**133,066**	**454**	**585**	**28,856**	**44,597**
Arkansas	NM	7,400	--	NM	1,653	NM	5,635	NM	NM	98	109
Louisiana	33,009	38,750	-14.8	15,416	15,152	6,625	6,671	NM	51	10,954	16,877
Oklahoma	23,520	27,515	-14.5	14,786	17,651	8,658	9,588	NM	NM	NM	NM
Texas	123,520	170,431	-27.5	25,135	31,393	80,218	111,172	423	509	17,744	27,358
Mountain	**68,053**	**70,179**	**-3.0**	**34,755**	**35,745**	**32,604**	**33,564**	**NM**	**142**	**572**	**727**
Arizona	30,217	28,615	5.6	11,185	11,607	18,988	16,931	NM	NM	NM	--
Colorado	9,262	12,706	-27.1	3,341	4,745	5,852	7,921	39	--	NM	NM
Idaho	1,140	1,409	-19.1	NM	NM	1,016	1,231	--	--	49	NM
Montana	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada	17,089	15,657	9.1	10,746	8,889	6,130	6,470	--	--	NM	298
New Mexico	4,726	6,231	-24.2	4,406	5,532	NM	587	NM	NM	NM	NM
Utah	5,336	5,080	5.0	4,939	4,716	NM	NM	NM	NM	NM	2
Wyoming	223	NM	--	NM	NM	NM	NM	--	--	144	230
Pacific Contiguous	**102,148**	**106,298**	**-3.9**	**26,070**	**20,767**	**69,544**	**73,540**	**1,015**	**1,604**	**5,518**	**10,386**
California	83,005	87,693	-5.3	20,118	15,738	56,913	60,581	1,006	1,570	4,969	9,803
Oregon	11,697	9,874	18.5	4,539	3,321	6,618	5,957	NM	NM	537	574
Washington	7,445	8,731	-14.7	1,413	1,708	6,013	7,002	NM	NM	12	9
Pacific Noncontiguous	**3,842**	**3,860**	**-.5**	**3,776**	**3,632**	**--**	**--**	**--**	**--**	**NM**	**NM**
Alaska	3,842	3,860	-.5	3,776	3,632	--	--	--	--	NM	NM
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**622,656**	**736,495**	**-15.5**	**246,821**	**272,220**	**333,394**	**397,353**	**3,001**	**4,165**	**39,440**	**62,758**

* = 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 2006 are final. Values for 2007 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 September 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	**280,225**	**307,927**	**-9.0**	**NM**	**3,999**	**262,000**	**286,539**	**3,498**	**4,493**	**12,996**	**12,897**
Connecticut	45,461	58,753	-22.6	16	--	44,241	56,150	NM	231	NM	2,372
Maine	36,241	34,551	4.9	--	--	25,935	26,712	NM	NM	10,296	7,788
Massachusetts	117,920	144,393	-18.3	NM	3,769	112,574	135,522	2,921	3,485	NM	1,618
New Hampshire	37,646	31,366	20.0	64	210	36,700	30,036	--	--	NM	1,119
Rhode Island	42,934	38,845	10.5	--	--	42,550	38,119	NM	726	--	--
Vermont	23	19	19.2	23	19	--	--	--	--	--	--
Middle Atlantic	**538,903**	**548,937**	**-1.8**	**115,489**	**108,596**	**410,378**	**422,276**	**4,509**	**5,358**	**8,526**	**12,708**
New Jersey	130,421	119,510	9.1	NM	NM	125,957	112,858	NM	1,496	NM	4,875
New York	302,934	314,176	-3.6	115,146	108,190	183,259	200,852	2,669	2,876	1,861	2,257
Pennsylvania	105,547	115,252	-8.4	NM	NM	101,162	108,565	NM	985	NM	5,576
East North Central	**175,448**	**263,736**	**-33.5**	**41,974**	**68,101**	**123,587**	**182,414**	**3,285**	**4,442**	**6,601**	**8,780**
Illinois	32,613	58,234	-44.0	3,697	6,965	24,818	45,645	2,900	3,663	NM	1,961
Indiana	27,887	31,588	-11.7	6,791	13,617	17,637	15,593	NM	100	3,407	2,278
Michigan	63,248	98,333	-35.7	9,075	12,390	53,441	83,189	NM	180	NM	2,575
Ohio	18,139	30,843	-41.2	4,824	10,844	13,117	19,277	--	--	NM	NM
Wisconsin	33,561	44,738	-25.0	17,588	24,286	14,576	18,711	NM	499	NM	1,243
West North Central	**88,527**	**115,172**	**-23.1**	**74,550**	**99,782**	**13,182**	**14,109**	**NM**	**417**	**NM**	**864**
Iowa	14,426	21,166	-31.8	14,395	21,135	NM	NM	NM	NM	5	--
Kansas	21,371	21,192	.8	21,217	20,984	--	--	--	--	NM	207
Minnesota	16,044	26,780	-40.1	9,468	17,168	6,073	8,802	NM	258	NM	NM
Missouri	29,196	33,120	-11.8	22,013	27,733	7,102	5,277	47	71	NM	NM
Nebraska	5,653	9,453	-40.2	5,648	9,367	NM	NM	NM	NM	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	66
South Dakota	1,789	3,334	-46.4	1,789	3,334	--	--	--	--	--	--
South Atlantic	**854,031**	**876,024**	**-2.5**	**686,421**	**672,816**	**161,272**	**194,983**	**NM**	**587**	**6,083**	**7,638**
Delaware	9,723	11,127	-12.6	NM	NM	9,402	10,840	--	--	188	NM
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	625,979	587,725	6.5	558,341	514,531	64,155	68,431	NM	523	NM	4,239
Georgia	75,913	104,763	-27.5	40,530	53,023	34,130	49,919	--	--	1,253	1,821
Maryland	12,234	16,451	-25.6	--	--	11,866	16,116	NM	8	NM	326
North Carolina	28,585	35,195	-18.8	23,101	28,613	5,190	6,389	3	40	NM	NM
South Carolina	35,958	45,446	-20.9	27,110	34,367	8,737	10,978	NM	NM	100	85
Virginia	64,116	72,070	-11.0	36,769	40,854	26,720	30,463	--	--	NM	753
West Virginia	1,524	3,246	-53.0	438	1,270	1,070	1,846	--	--	NM	130
East South Central	**287,471**	**330,893**	**-13.1**	**144,240**	**175,513**	**133,936**	**144,057**	**NM**	**1,073**	**8,779**	**10,251**
Alabama	130,228	150,210	-13.3	50,037	57,403	73,797	86,555	--	--	6,394	6,252
Kentucky	9,872	17,400	-43.3	7,649	15,751	1,195	909	--	--	NM	740
Mississippi	142,799	155,142	-8.0	82,662	96,595	58,914	55,915	NM	151	NM	2,482
Tennessee	4,572	8,141	-43.8	3,892	5,764	29	678	NM	922	NM	NM
West South Central	**1,820,487**	**1,984,797**	**-8.3**	**532,232**	**532,009**	**965,241**	**1,055,379**	**NM**	**5,227**	**318,486**	**392,182**
Arkansas	51,982	58,100	-10.5	10,622	11,529	40,464	45,461	NM	NM	NM	1,097
Louisiana	288,537	318,377	-9.4	124,768	118,482	41,228	51,274	NM	408	122,390	148,214
Oklahoma	218,548	226,168	-3.4	143,575	142,317	74,182	82,111	NM	291	NM	1,449
Texas	1,261,421	1,382,152	-8.7	253,267	259,681	809,368	876,534	NM	4,515	194,568	241,422
Mountain	**532,657**	**526,778**	**1.1**	**276,615**	**265,441**	**249,213**	**252,668**	**NM**	**1,658**	**NM**	**7,010**
Arizona	219,209	212,145	3.3	85,422	85,859	133,326	125,527	NM	663	NM	96
Colorado	81,400	89,033	-8.6	28,820	29,691	52,010	58,584	279	412	NM	346
Idaho	9,091	7,956	14.3	NM	1,161	7,636	6,065	--	--	NM	730
Montana	NM	NM	--	NM	NM	NM	341	--	--	NM	NM
Nevada	131,559	132,037	-.4	78,440	75,279	50,957	54,279	--	--	NM	2,478
New Mexico	46,605	46,770	-.4	43,797	41,011	NM	4,934	NM	404	NM	421
Utah	41,763	34,621	20.6	38,502	31,738	NM	2,657	NM	180	NM	45
Wyoming	2,447	3,088	-20.8	NM	NM	NM	NM	--	--	1,719	2,348
Pacific Contiguous	**785,905**	**803,754**	**-2.2**	**198,485**	**157,268**	**520,449**	**541,247**	**NM**	**14,080**	**56,874**	**91,159**
California	646,763	697,289	-7.2	157,897	128,395	426,545	468,704	NM	13,840	52,301	86,349
Oregon	86,806	65,769	32.0	29,728	16,956	52,750	43,990	NM	NM	4,310	4,670
Washington	52,337	40,696	28.6	10,860	11,917	41,155	28,553	NM	86	263	140
Pacific Noncontiguous	**32,414**	**32,043**	**1.2**	**31,550**	**30,085**	**--**	**--**	**--**	**--**	**NM**	**1,958**
Alaska	32,414	32,043	1.2	31,550	30,085	--	--	--	--	NM	1,958
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**5,396,069**	**5,790,061**	**-6.8**	**2,103,287**	**2,113,610**	**2,839,257**	**3,093,672**	**28,147**	**37,333**	**425,378**	**545,446**

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 2006 are final. Values for 2007 are preliminary estimates based on a sample. Values for January through July 2007 are revised. - 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 September 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	137,606	45,961	703	107,929	28,640	495	29,677	17,322	208
February	135,096	42,048	730	106,512	26,645	499	28,583	15,403	230
March	142,986	41,323	649	113,017	26,714	419	29,969	14,609	230
April	151,296	41,965	683	120,161	26,745	448	31,135	15,220	235
May	156,354	44,046	668	123,803	28,067	419	32,551	15,979	249
June	156,412	44,443	552	124,511	28,752	319	31,901	15,692	232
July	147,047	43,839	677	118,186	27,591	407	28,861	16,248	270
August	142,067	42,588	582	114,643	26,699	317	27,424	15,888	265
September	143,890	43,496	546	115,321	27,528	290	28,570	15,968	256
October	151,141	42,254	545	120,182	26,062	261	30,959	16,192	284
November	154,551	43,566	610	122,491	27,313	320	32,060	16,253	291
December	151,127	42,984	550	120,385	27,283	268	30,742	15,701	282
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

[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 2005, values represent December end-of-month stocks. For 2005 forward, values represent end-of-month stocks. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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, September 2008

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Percent Change
New England	**895**	**1,217**	**-26.4**	**3,679**	**4,196**	**-12.3**	**--**	**--**	**--**
Connecticut, Maine, New Hampshire, Rhode Island, Vermont[1]	267	575	-53.6	2,318	2,952	-21.5	--	--	--
Massachusetts	629	642	-2.1	1,361	1,243	9.5	--	--	--
Middle Atlantic	**5,981**	**5,704**	**4.9**	**8,683**	**9,762**	**-11.1**	**33**	**W**	**W**
New Jersey	511	654	-21.9	1,296	1,090	18.9	--	--	--
New York	759	1,046	-27.5	5,615	6,230	-9.9	W	W	W
Pennsylvania	4,712	4,004	17.7	1,771	2,441	-27.5	W	--	--
East North Central	**34,204**	**37,643**	**-9.1**	**2,021**	**2,262**	**-10.7**	**99**	**61**	**63.8**
Illinois	8,226	8,729	-5.8	215	259	-17.0	W	--	--
Indiana	8,032	8,419	-4.6	102	122	-16.5	--	--	--
Michigan	6,897	8,625	-20.0	1,003	1,061	-5.5	W	W	W
Ohio	6,580	7,861	-16.3	354	462	-23.5	--	--	--
Wisconsin	4,469	4,008	11.5	347	357	-2.7	W	W	W
West North Central	**27,066**	**23,921**	**13.1**	**1,480**	**1,805**	**-18.0**	**W**	**W**	**W**
Iowa	5,966	4,731	26.1	156	171	-8.7	W	W	W
Kansas	4,169	3,949	5.6	432	695	-37.8	W	--	--
Minnesota	3,026	2,634	14.9	268	287	-6.4	W	W	W
Missouri	8,096	7,874	2.8	311	336	-7.6	--	--	--
Nebraska	3,867	2,863	35.1	200	197	1.6	--	--	--
North Dakota, South Dakota[1]	1,941	1,870	3.8	112	118	-5.0	--	--	--
South Atlantic	**21,257**	**28,097**	**-24.3**	**16,450**	**16,471**	**-.1**	**281**	**205**	**37.2**
Delaware, District of Columbia, Maryland[1]	1,522	1,811	-15.9	1,997	2,389	-16.4	--	--	--
Florida	3,495	4,627	-24.5	8,283	8,683	-4.6	W	W	W
Georgia	5,853	6,604	-11.4	943	872	8.1	--	--	--
North Carolina	3,457	5,085	-32.0	1,033	949	8.9	--	--	--
South Carolina	2,198	4,484	-51.0	823	859	-4.2	W	W	W
Virginia	1,747	1,552	12.6	3,214	2,567	25.2	--	--	--
West Virginia	2,985	3,934	-24.1	156	151	3.1	--	--	--
East South Central	**12,982**	**12,025**	**8.0**	**2,034**	**2,484**	**-18.1**	**W**	**W**	**W**
Alabama	3,686	3,603	2.3	147	670	-78.1	--	--	--
Kentucky	5,388	5,131	5.0	273	277	-1.2	W	W	W
Mississippi	1,067	1,009	5.7	929	963	-3.5	--	--	--
Tennessee	2,840	2,282	24.5	684	575	19.1	--	--	--
West South Central	**24,099**	**19,462**	**23.8**	**2,311**	**3,190**	**-27.5**	**W**	**W**	**W**
Arkansas	2,420	1,954	23.8	203	72	181.1	--	--	--
Louisiana	2,218	2,398	-7.5	807	1,552	-48.0	W	W	W
Oklahoma	4,657	3,152	47.7	223	250	-10.8	--	--	--
Texas	14,804	11,958	23.8	1,079	1,316	-18.1	W	--	--
Mountain	**15,880**	**14,517**	**9.4**	**755**	**860**	**-12.1**	**W**	**W**	**W**
Arizona	2,834	2,957	-4.2	322	344	-6.5	--	--	--
Colorado	2,910	3,349	-13.1	92	137	-33.1	--	--	--
Idaho	--	--	--	--	W	W	--	--	--
Montana, New Mexico[1]	W	W	W	69	89	-22.5	W	W	W
Nevada	W	W	W	176	202	-13.0	--	--	--
Utah	3,920	3,825	2.5	60	60	-.7	--	--	--
Wyoming	3,601	2,168	66.1	38	W	W	--	--	--
Pacific[2]	**W**	**W**	**W**	**2,296**	**2,467**	**-6.9**	**81**	**25**	**220.0**
California, Oregon, Washington, Hawaii, Alaska[1]	W	W	W	2,296	2,467	-6.9	81	25	W
U.S. Total	**144,948**	**143,890**	**.7**	**39,710**	**43,496**	**-8.7**	**760**	**546**	**39.2**

[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 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. • 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, September 2008

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007
Coal (thousand tons)							
New England	895	1,217	-26.4	W	W	W	W
Middle Atlantic	5,981	5,704	4.9	W	W	W	W
East North Central	34,204	37,643	-9.1	23,369	27,993	10,835	9,650
West North Central	27,066	23,921	13.1	27,066	W	--	W
South Atlantic	21,257	28,097	-24.3	18,959	25,177	2,298	2,920
East South Central	12,982	12,025	8.0	12,231	10,995	751	1,030
West South Central	24,099	19,462	23.8	16,028	11,972	8,071	7,490
Mountain	15,880	14,517	9.4	15,016	W	864	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	W	--	172	W
U.S. Total	**144,948**	**143,890**	**.7**	**114,094**	**115,321**	**30,854**	**28,570**
Petroleum Liquids (thousand barrels)							
New England	3,679	4,196	-12.3	566	789	3,113	3,406
Middle Atlantic	8,683	9,762	-11.1	3,284	3,139	5,399	6,623
East North Central	2,021	2,262	-10.7	1,648	1,828	372	433
West North Central	1,480	1,805	-18.0	1,441	1,786	39	19
South Atlantic	16,450	16,471	-.1	12,919	12,436	3,531	4,035
East South Central	2,034	2,484	-18.1	1,985	W	49	W
West South Central	2,311	3,190	-27.5	2,243	2,933	69	257
Mountain	755	860	-12.1	W	772	W	87
Pacific Contiguous	780	1,019	-23.5	332	464	448	554
Pacific Noncontiguous	1,517	1,448	4.7	W	W	W	W
U.S. Total	**39,710**	**43,496**	**-8.7**	**26,575**	**27,528**	**13,135**	**15,968**
Petroleum Coke (thousand tons)							
New England	--	--	--	--	--	--	--
Middle Atlantic	33	W	W	--	--	33	W
East North Central	99	61	63.8	W	W	W	W
West North Central	W	W	W	W	W	--	--
South Atlantic	281	205	37.2	281	205	--	--
East South Central	W	W	W	--	--	W	W
West South Central	W	W	W	W	W	W	--
Mountain	W	W	W	--	--	W	W
Pacific Contiguous	81	25	220.0	--	--	81	25
Pacific Noncontiguous	--	--	--	--	--	--	--
U.S. Total	**760**	**546**	**39.2**	**398**	**290**	**362**	**256**

W = Withheld to avoid disclosure of individual company data.

Notes: • See Glossary for definitions. • Values for 2007 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. • 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 September 2008

Period	Electric Power Sector (Thousand Tons)			
	Bituminous Coal[1]	Sub-Bituminous Coal	Lignite Coal	Total
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	67,417	65,626	4,563	137,606
February	65,792	64,624	4,680	135,096
March	69,945	68,125	4,916	142,986
April	75,386	71,121	4,789	151,296
May	77,158	74,123	5,073	156,354
June	75,826	75,512	5,074	156,412
July	70,685	71,598	4,763	147,047
August	67,674	69,732	4,660	142,067
September	67,970	71,157	4,763	143,890
October	70,028	76,487	4,626	151,141
November	68,307	81,833	4,411	154,551
December	64,297	82,244	4,585	151,127
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

[1] Includes bituminous, anthracite, and coal synfuel.

NA = Not available.

Notes: • See Glossary for definitions. • Data excludes all waste coal. • Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. Values for 2006 and prior years are final. - 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 September 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	1,796,216	89,595	1.75	35.01	1.0	95.4	31,084	4,988	8.13	50.65	.7	55.7
February	1,643,360	81,690	1.75	35.20	1.0	94.9	45,635	7,293	8.14	50.92	.7	49.9
March	1,834,415	90,498	1.77	35.86	1.0	107.9	32,548	5,191	8.03	50.35	.7	63.3
April	1,783,131	88,212	1.78	36.08	1.0	113.4	37,739	6,024	8.62	54.02	.8	79.3
May	1,796,375	88,551	1.78	36.14	1.0	106.4	47,323	7,477	8.91	56.41	.7	106.7
June	1,826,856	90,830	1.77	35.54	1.0	98.6	42,432	6,778	9.87	61.80	.7	83.5
July	1,784,846	89,228	1.77	35.33	.9	90.2	39,633	6,325	9.11	57.08	.7	78.2
August	1,916,572	95,448	1.78	35.73	1.0	94.0	47,220	7,546	9.67	60.51	.7	68.1
September	1,808,813	90,019	1.78	35.77	1.0	99.9	40,864	6,492	9.55	60.11	.7	93.5
October	1,859,131	92,817	1.78	35.56	1.0	107.8	24,130	3,904	12.07	74.59	.7	57.5
November	1,729,185	87,001	1.78	35.47	.9	103.2	24,925	4,009	13.14	81.71	.8	97.1
December	1,765,600	89,107	1.82	36.07	.9	94.3	21,557	3,496	14.19	87.46	.6	61.4
Total	**21,544,500**	**1,072,997**	**1.78**	**35.65**	**1.0**	**100.1**	**435,090**	**69,524**	**9.62**	**60.18**	**.7**	**71.5**
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
Total	**15,646,713**	**787,181**	**2.04**	**40.45**	**1.0**	**97.2**	**259,889**	**41,878**	**17.05**	**105.83**	**.7**	**89.0**
Year to Date												
2006	16,287,167	807,952	1.69	34.14	1.0	102.1	323,985	51,709	8.82	55.24	.8	76.0
2007	16,190,584	804,071	1.77	35.63	1.0	99.6	364,478	58,114	8.94	56.09	.7	72.1
2008	15,646,713	787,181	2.04	40.45	1.0	97.2	259,889	41,878	17.05	105.83	.7	89.0
Rolling 12 Months Ending in September												
2007	21,638,518	1,076,062	1.75	35.20	1.0	100.6	447,362	71,408	8.80	55.12	.7	71.1
2008	21,000,629	1,056,107	1.97	39.24	1.0	98.3	330,502	53,288	16.21	100.52	.7	83.7

[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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 2008 (Continued)

Period	Petroleum Coke						Natural Gas[1]				All Fossil Fuels
	Receipts		Average Cost		Avg. Sulfur %	Percentage of Consump-tion[2]	Receipts		Average Cost	Percentage of Consump-tion[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)
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	16,026	566	1.54	43.67	4.9	82.2	515,192	501,489	6.78	92.2	2.93
February	14,351	504	1.65	46.95	5.2	90.3	477,613	464,392	7.86	88.9	3.22
March	9,686	341	1.51	43.00	5.4	59.6	475,694	463,219	7.44	90.5	3.00
April	13,133	463	1.54	43.52	4.8	84.2	515,734	502,321	7.54	91.7	3.16
May	13,534	472	1.58	45.16	5.0	78.9	567,763	552,355	7.73	91.6	3.31
June	12,300	432	1.58	45.06	5.3	62.2	680,380	661,885	7.60	90.3	3.45
July	18,315	643	1.44	41.02	5.1	103.0	804,503	782,810	6.85	89.0	3.42
August	14,323	505	1.63	46.30	4.6	75.9	990,728	964,364	6.60	83.7	3.51
September	13,997	490	1.59	45.53	5.1	81.1	733,683	713,828	6.14	89.7	3.13
October	12,912	456	1.44	40.72	5.0	82.0	663,734	646,442	6.82	89.9	3.18
November	13,626	478	1.51	42.95	4.8	90.8	504,833	492,098	7.11	90.6	3.09
December	12,350	433	1.47	42.08	5.0	67.1	560,199	546,009	7.68	90.0	3.32
Total	**164,552**	**5,784**	**1.54**	**43.81**	**5.0**	**79.4**	**7,490,056**	**7,291,211**	**7.10**	**89.4**	**3.24**
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
Total	**120,443**	**4,239**	**1.79**	**50.97**	**5.3**	**88.0**	**5,998,096**	**5,841,577**	**9.88**	**97.6**	**4.35**
Year to Date											
2006	156,716	5,547	1.30	36.67	5.2	83.6	5,343,409	5,202,553	7.02	90.2	3.08
2007	125,664	4,417	1.56	44.39	5.0	79.5	5,761,291	5,606,663	7.08	89.1	3.25
2008	120,443	4,239	1.79	50.97	5.3	88.0	5,998,096	5,841,577	9.88	97.6	4.35
Rolling 12 Months Ending in September											
2007	172,218	6,063	1.52	43.24	5.0	80.3	7,273,562	7,079,356	6.99	89.3	3.15
2008	159,330	5,606	1.72	48.77	5.2	85.6	7,726,862	7,526,125	9.27	95.8	4.06

[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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	1,331,095	65,862	1.75	35.39	.9	15,761	2,500	7.67	48.35	.7
February	1,230,530	60,536	1.76	35.74	.9	23,511	3,719	8.04	50.85	.7
March	1,367,829	66,909	1.78	36.37	.9	20,270	3,203	7.85	49.68	.6
April	1,295,771	63,271	1.79	36.63	.9	21,873	3,441	8.64	54.95	.9
May	1,351,638	66,113	1.79	36.61	1.0	32,377	5,106	8.68	55.04	.8
June	1,365,038	67,091	1.77	35.95	.9	30,230	4,762	9.67	61.38	.8
July	1,340,396	66,307	1.77	35.74	.9	27,235	4,287	8.40	53.34	.7
August	1,417,362	69,871	1.78	36.02	1.0	35,097	5,518	9.09	57.80	.7
September	1,329,073	65,492	1.79	36.34	.9	31,362	4,931	9.00	57.25	.8
October	1,373,187	67,728	1.78	36.13	.9	14,273	2,256	10.79	68.27	.8
November	1,290,220	64,191	1.79	35.92	.9	16,476	2,604	13.03	82.43	.8
December	1,323,051	66,006	1.82	36.47	.9	10,815	1,727	13.06	81.78	.6
Total	**16,015,192**	**789,377**	**1.78**	**36.11**	**.9**	**279,281**	**44,053**	**9.21**	**58.37**	**.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
Total	**11,403,633**	**566,790**	**2.02**	**40.76**	**.9**	**182,742**	**29,184**	**16.67**	**104.35**	**.7**
Year to Date										
2006	12,121,806	595,866	1.68	34.27	.9	218,157	34,375	8.44	53.55	.8
2007	12,028,735	591,453	1.78	36.09	.9	237,717	37,465	8.67	55.02	.8
2008	11,403,633	566,790	2.02	40.76	.9	182,742	29,184	16.67	104.35	.7
Rolling 12 Months Ending in September										
2007	16,104,781	792,948	1.75	35.61	.9	288,593	45,505	8.52	54.07	.8
2008	15,390,091	764,714	1.97	39.57	.9	224,306	35,771	15.85	99.39	.7

[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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	7,986	283	1.79	50.42	4.5	164,781	160,305	7.28	2.41
February	8,032	284	1.95	55.16	4.9	148,875	144,824	8.28	2.55
March	3,782	134	1.77	49.87	5.1	148,544	144,887	7.85	2.44
April	5,536	196	1.71	48.29	4.3	166,940	162,849	7.82	2.57
May	6,309	221	1.83	52.30	4.4	190,667	185,510	7.98	2.68
June	4,051	143	1.91	54.26	5.4	234,997	228,481	7.85	2.79
July	8,741	305	1.67	47.79	4.8	272,104	264,681	7.32	2.79
August	6,065	217	1.86	51.96	3.8	340,002	330,556	7.01	2.91
September	5,450	192	1.78	50.49	4.8	258,674	251,606	6.58	2.69
October	4,584	165	1.74	48.38	4.4	239,866	233,753	7.08	2.64
November	5,717	202	1.70	48.30	3.9	168,375	164,476	7.44	2.56
December	2,991	106	1.72	48.33	3.8	182,580	178,326	7.96	2.64
Total	**69,242**	**2,446**	**1.79**	**50.57**	**4.5**	**2,516,407**	**2,450,253**	**7.45**	**2.65**
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
Total	**58,720**	**2,064**	**2.04**	**57.93**	**5.4**	**2,143,331**	**2,088,416**	**9.82**	**3.43**
Year to Date									
2006	79,888	2,823	1.46	41.36	5.2	1,742,557	1,695,601	7.42	2.49
2007	55,951	1,974	1.80	51.11	4.6	1,925,586	1,873,698	7.45	2.66
2008	58,720	2,064	2.04	57.93	5.4	2,143,331	2,088,416	9.82	3.43
Rolling 12 Months Ending in September									
2007	75,533	2,666	1.75	49.69	4.7	2,405,317	2,341,210	7.38	2.57
2008	72,011	2,536	1.98	56.14	5.2	2,734,152	2,664,971	9.31	3.23

[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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	441,264	22,679	1.70	33.14	1.1	11,789	1,924	9.08	55.65	.5
February	388,796	20,102	1.69	32.71	1.1	18,858	3,053	8.44	52.13	.5
March	439,721	22,382	1.71	33.65	1.1	8,388	1,360	8.82	54.40	.5
April	460,183	23,730	1.75	33.99	1.1	12,370	1,993	8.90	55.22	.5
May	417,271	21,218	1.72	33.86	1.1	12,102	1,878	9.74	62.77	.5
June	434,550	22,520	1.74	33.60	1.0	9,813	1,613	10.74	65.30	.4
July	416,287	21,662	1.73	33.29	1.0	10,098	1,654	11.03	67.36	.4
August	459,985	23,836	1.75	33.74	1.1	9,911	1,655	11.91	71.34	.3
September	454,375	23,407	1.72	33.37	1.1	7,284	1,204	11.88	71.89	.4
October	460,609	23,954	1.73	33.29	1.1	7,795	1,316	14.85	87.95	.2
November	413,006	21,641	1.75	33.39	1.0	6,465	1,088	13.98	83.10	.4
December	416,548	21,929	1.80	34.14	1.0	8,205	1,362	16.32	98.32	.3
Total	**5,202,595**	**269,062**	**1.73**	**33.52**	**1.1**	**123,079**	**20,102**	**10.80**	**66.15**	**.4**
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
Total	**3,995,498**	**209,210**	**2.03**	**38.74**	**1.1**	**55,682**	**9,251**	**19.03**	**114.56**	**.4**
Year to Date										
2006	3,916,922	200,357	1.70	33.20	1.1	90,131	14,722	9.89	60.53	.5
2007	3,912,432	201,537	1.72	33.50	1.1	100,614	16,335	9.83	60.58	.5
2008	3,995,498	209,210	2.03	38.74	1.1	55,682	9,251	19.03	114.56	.4
Rolling 12 Months Ending in September										
2007	5,199,912	268,036	1.71	33.26	1.1	128,008	20,850	9.63	59.14	.4
2008	5,285,661	276,735	1.96	37.48	1.1	78,146	13,017	17.91	107.54	.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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	6,564	231	1.17	33.15	5.1	269,168	262,280	6.61	3.63
February	5,039	175	1.12	32.36	5.5	257,402	250,372	7.74	4.20
March	4,678	163	1.22	35.05	5.5	253,077	246,217	7.19	3.76
April	6,083	213	1.25	35.71	5.0	276,631	269,277	7.40	3.93
May	5,624	195	1.19	34.43	5.3	300,696	292,689	7.60	4.25
June	6,499	227	1.27	36.31	5.3	371,380	361,702	7.42	4.41
July	7,529	265	1.20	33.95	5.3	456,346	444,282	6.53	4.29
August	6,376	222	1.27	36.50	5.3	570,982	556,517	6.40	4.38
September	6,555	228	1.25	35.85	5.3	402,037	391,447	5.92	3.74
October	7,085	248	1.12	32.15	5.4	347,920	338,833	6.71	3.95
November	6,419	223	1.18	33.99	5.4	262,032	255,224	6.87	3.81
December	7,159	249	1.19	34.32	5.5	296,660	288,902	7.59	4.31
Total	**75,610**	**2,639**	**1.20**	**34.47**	**5.3**	**4,064,331**	**3,957,742**	**6.91**	**4.07**
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
Total	**48,157**	**1,695**	**1.23**	**34.99**	**5.1**	**3,114,842**	**3,034,042**	**9.93**	**5.57**
Year to Date									
2006	63,338	2,234	1.04	29.36	5.1	2,943,897	2,868,838	6.74	3.91
2007	54,947	1,919	1.22	34.85	5.3	3,157,719	3,074,783	6.87	4.08
2008	48,157	1,695	1.23	34.99	5.1	3,114,842	3,034,042	9.93	5.57
Rolling 12 Months Ending in September									
2007	77,533	2,717	1.20	34.33	5.2	3,956,687	3,853,047	6.78	3.96
2008	68,820	2,415	1.21	34.53	5.2	4,021,453	3,917,001	9.28	5.20

[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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	*
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	.1
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
Total	**8,811**	**371**	**3.03**	**71.85**	**2.3**	**161**	**28**	**20.45**	**118.79**	**.1**
Year to Date										
2006	8,852	376	2.56	60.31	2.6	668	115	13.55	78.94	.2
2007	9,703	414	2.67	62.69	2.6	235	40	13.70	79.96	.2
2008	8,811	371	3.03	71.85	2.3	161	28	20.45	118.79	.1
Rolling 12 Months Ending in September										
2007	13,057	556	2.71	63.62	2.5	365	63	13.54	79.08	.1
2008	11,527	489	2.94	69.41	2.4	176	30	20.36	118.37	.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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	--	--	--	--	--	1,985	1,936	8.82	6.42
February	--	--	--	--	--	2,093	2,036	9.39	6.88
March	--	--	--	--	--	1,949	1,898	8.76	6.74
April	--	--	--	--	--	1,714	1,670	7.96	6.16
May	--	--	--	--	--	1,701	1,658	7.74	5.98
June	--	--	--	--	--	1,684	1,646	7.87	6.44
July	--	--	--	--	--	1,791	1,749	7.11	5.26
August	--	--	--	--	--	1,992	1,946	7.16	5.59
September	--	--	--	--	--	1,736	1,696	6.86	5.37
October	--	--	--	--	--	1,768	1,730	7.35	5.75
November	--	--	--	--	--	1,611	1,574	7.71	5.84
December	--	--	--	--	--	1,904	1,858	9.11	7.23
Total	--	--	--	--	--	**21,928**	**21,398**	**8.02**	**6.15**
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
Total	--	--	--	--	--	**16,487**	**16,053**	**10.01**	**7.66**
Year to Date									
2006	--	--	--	--	--	16,034	15,623	8.43	6.53
2007	--	--	--	--	--	16,645	16,236	8.00	6.11
2008	--	--	--	--	--	16,487	16,053	10.01	7.66
Rolling 12 Months Ending in September									
2007	--	--	--	--	--	21,980	21,432	8.01	6.11
2008	--	--	--	--	--	21,770	21,215	9.54	7.33

[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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	3,486	556	6.94	43.53	1.4
February	22,716	997	2.25	51.34	1.5	3,248	518	7.06	44.27	1.4
March	25,818	1,162	2.14	47.62	1.4	3,857	622	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	2,820	489	7.98	46.03	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	2,294	384	9.12	54.48	1.2
August	38,197	1,695	2.29	51.50	1.1	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	1.3
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	2,529	406	12.05	75.11	1.5
Total	**314,294**	**14,027**	**2.21**	**49.51**	**1.3**	**32,481**	**5,327**	**8.61**	**52.49**	**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
Total	**238,771**	**10,810**	**2.56**	**56.67**	**1.4**	**21,304**	**3,416**	**15.20**	**94.78**	**1.3**
Year to Date										
2006	239,587	11,352	2.03	42.84	1.5	15,029	2,497	7.67	46.16	1.3
2007	239,715	10,667	2.21	49.69	1.3	25,911	4,274	7.92	48.04	1.3
2008	238,771	10,810	2.56	56.67	1.4	21,304	3,416	15.20	94.78	1.3
Rolling 12 Months Ending in September										
2007	320,768	14,523	2.16	47.79	1.4	30,396	4,992	7.82	47.64	1.3
2008	313,351	14,169	2.48	54.84	1.4	27,873	4,469	14.28	89.06	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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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 September 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	79,258	76,968	6.29	5.40
February	1,280	46	1.85	51.86	5.7	69,243	67,160	7.36	6.07
March	1,226	44	1.84	51.68	5.7	72,125	70,217	7.42	6.02
April	1,514	54	2.04	57.05	5.8	70,449	68,525	7.39	5.96
May	1,601	57	1.92	54.19	5.9	74,699	72,499	7.60	6.17
June	1,751	62	1.99	55.88	5.3	72,319	70,056	7.66	6.18
July	2,046	73	1.37	38.38	5.2	74,263	72,097	7.07	5.75
August	1,882	67	2.14	60.57	4.4	77,751	75,344	6.26	4.98
September	1,992	69	2.22	63.61	5.2	71,234	69,080	5.78	4.94
October	1,244	44	2.13	60.27	5.6	74,180	72,126	6.47	5.47
November	1,489	53	2.14	60.43	5.6	72,815	70,824	7.17	5.95
December	2,200	77	2.05	58.49	5.3	79,055	76,923	7.33	6.15
Total	**19,700**	**698**	**1.96**	**55.42**	**5.4**	**887,391**	**861,818**	**6.98**	**5.74**
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
Total	**13,566**	**481**	**2.74**	**77.48**	**5.4**	**723,436**	**703,066**	**9.78**	**8.08**
Year to Date									
2006	13,490	490	1.56	42.95	5.4	640,920	622,490	7.20	5.76
2007	14,767	524	1.92	54.06	5.4	661,341	641,945	6.97	5.71
2008	13,566	481	2.74	77.48	5.4	723,436	703,066	9.78	8.08
Rolling 12 Months Ending in September									
2007	19,152	680	1.90	53.50	5.4	889,578	863,666	6.85	5.61
2008	18,498	654	2.57	72.71	5.4	949,486	922,939	9.12	7.55

[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 2006 and prior years are final. Values for 2007 and 2008 are preliminary. Values for January through July 2007 are revised. • 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, September 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**474**	**820**	**-42.3**	**58**	**132**	**407**	**679**	**--**	**--**	**9**	**10**
Connecticut	103	232	-55.5	--	--	103	232	--	--	--	--
Maine	14	20	-32.6	--	--	4	10	--	--	9	10
Massachusetts	299	437	-31.5	--	--	299	437	--	--	--	--
New Hampshire	58	132	-56.1	58	132	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**5,555**	**5,588**	**-.6**	**9**	**126**	**5,428**	**5,347**	**--**	**--**	**119**	**115**
New Jersey	341	351	-2.9	2	69	339	282	--	--	--	--
New York	832	806	3.2	7	58	806	715	--	--	20	34
Pennsylvania	4,382	4,431	-1.1	--	--	4,283	4,350	--	--	99	81
East North Central	**21,140**	**20,280**	**4.2**	**14,148**	**13,347**	**6,615**	**6,571**	**33**	**26**	**345**	**336**
Illinois	5,499	5,481	.3	195	494	5,033	4,763	8	6	263	217
Indiana	5,314	4,806	10.6	4,983	4,559	330	246	--	--	--	--
Michigan	3,372	3,036	11.1	3,301	2,963	33	43	25	20	13	11
Ohio	4,606	4,623	-.4	3,364	3,092	1,217	1,510	--	--	25	21
Wisconsin	2,351	2,334	.7	2,304	2,239	2	9	--	--	45	86
West North Central	**12,623**	**13,027**	**-3.1**	**12,476**	**12,914**	**--**	**--**	**17**	**17**	**130**	**97**
Iowa	2,177	2,202	-1.1	2,088	2,105	--	--	--	--	89	97
Kansas	1,712	2,054	-16.7	1,712	2,054	--	--	--	--	--	--
Minnesota	1,650	1,683	-1.9	1,609	1,683	--	--	--	--	41	--
Missouri	3,721	3,844	-3.2	3,704	3,827	--	--	17	17	--	--
Nebraska	1,204	1,175	2.5	1,204	1,175	--	--	--	--	--	--
North Dakota	1,979	1,862	6.3	1,979	1,862	--	--	--	--	--	--
South Dakota	180	208	-13.3	180	208	--	--	--	--	--	--
South Atlantic	**15,048**	**16,680**	**-9.8**	**12,438**	**13,672**	**2,358**	**2,809**	**--**	**--**	**253**	**199**
Delaware	147	169	-12.8	--	--	147	169	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,070	2,733	-24.3	1,837	2,439	213	272	--	--	20	23
Georgia	3,381	3,569	-5.3	3,321	3,498	--	--	--	--	59	71
Maryland	996	1,057	-5.8	--	--	959	1,057	--	--	37	--
North Carolina	2,650	2,682	-1.2	2,485	2,500	112	141	--	--	54	40
South Carolina	1,494	1,553	-3.8	1,453	1,536	--	--	--	--	40	17
Virginia	1,216	1,315	-7.5	966	1,063	232	231	--	--	18	21
West Virginia	3,094	3,602	-14.1	2,375	2,636	695	938	--	--	24	28
East South Central	**10,102**	**10,273**	**-1.7**	**9,301**	**9,632**	**649**	**512**	**--**	**--**	**153**	**129**
Alabama	3,247	3,301	-1.7	3,231	3,290	--	--	--	--	15	11
Kentucky	3,683	3,271	12.6	3,327	2,934	356	337	--	--	--	--
Mississippi	851	750	13.4	558	575	293	175	--	--	--	--
Tennessee	2,322	2,951	-21.3	2,185	2,834	--	--	--	--	137	118
West South Central	**13,400**	**12,807**	**4.6**	**7,212**	**6,452**	**6,143**	**6,310**	**--**	**--**	**45**	**44**
Arkansas	1,330	1,199	10.9	1,330	1,199	--	--	--	--	--	--
Louisiana	1,108	1,316	-15.8	519	648	590	669	--	--	--	--
Oklahoma	1,920	1,791	7.2	1,744	1,630	132	117	--	--	45	44
Texas	9,041	8,499	6.4	3,619	2,976	5,422	5,524	--	--	--	--
Mountain	**9,847**	**9,431**	**4.4**	**8,640**	**8,855**	**1,107**	**489**	**--**	**--**	**100**	**87**
Arizona	2,041	1,676	21.8	2,009	1,655	--	--	--	--	32	21
Colorado	1,291	1,590	-18.8	1,291	1,590	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	1,007	854	18.0	28	442	979	412	--	--	--	--
Nevada	358	449	-20.3	358	449	--	--	--	--	--	--
New Mexico	1,301	1,379	-5.7	1,301	1,379	--	--	--	--	--	--
Utah	1,347	1,425	-5.5	1,242	1,320	37	38	--	--	68	67
Wyoming	2,502	2,058	21.6	2,411	2,020	91	39	--	--	--	--
Pacific Contiguous	**829**	**931**	**-10.9**	**251**	**237**	**516**	**634**	**--**	**--**	**63**	**60**
California	118	137	-13.4	--	--	63	81	--	--	55	56
Oregon	251	237	5.6	251	237	--	--	--	--	--	--
Washington	460	557	-17.4	--	--	453	553	--	--	7	4
Pacific Noncontiguous	**52**	**57**	**-9.3**	**--**	**--**	**52**	**57**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	52	57	-9.3	--	--	52	57	--	--	--	--
U.S. Total	**89,071**	**90,019**	**-1.1**	**64,531**	**65,492**	**23,273**	**23,407**	**50**	**43**	**1,217**	**1,077**

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 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 September 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	**5,850**	**6,679**	**-12.4**	**956**	**1,182**	**4,797**	**5,395**	**--**	**--**	**97**	**101**
Connecticut	1,484	1,706	-13.0	--	--	1,484	1,706	--	--	--	--
Maine	207	203	2.0	--	--	110	101	--	--	97	101
Massachusetts	3,203	3,621	-11.5	--	33	3,203	3,588	--	--	--	--
New Hampshire	956	1,149	-16.8	956	1,149	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**55,606**	**51,039**	**8.9**	**334**	**906**	**54,070**	**48,902**	**--**	**--**	**1,202**	**1,232**
New Jersey	3,294	3,371	-2.3	165	502	3,129	2,869	--	--	--	--
New York	6,844	7,592	-9.9	169	404	6,308	6,828	--	--	367	361
Pennsylvania	45,468	40,075	13.5	--	--	44,633	39,205	--	--	835	871
East North Central	**176,856**	**181,293**	**-2.4**	**117,576**	**122,852**	**56,046**	**55,159**	**229**	**275**	**3,005**	**3,006**
Illinois	43,993	43,331	1.5	1,369	4,228	40,388	36,900	63	77	2,172	2,126
Indiana	43,941	44,968	-2.3	40,828	41,999	3,113	2,969	--	--	--	--
Michigan	27,194	28,460	-4.4	26,776	28,007	140	136	166	199	112	118
Ohio	42,921	46,767	-8.2	30,296	31,428	12,387	15,114	--	--	237	226
Wisconsin	18,807	17,766	5.9	18,306	17,190	18	40	--	--	483	536
West North Central	**113,587**	**113,174**	**.4**	**112,235**	**111,844**	**--**	**--**	**142**	**138**	**1,210**	**1,192**
Iowa	20,176	16,893	19.4	19,335	16,023	--	--	--	--	840	871
Kansas	16,233	18,186	-10.7	16,233	18,186	--	--	--	--	--	--
Minnesota	12,944	14,787	-12.5	12,574	14,466	--	--	--	--	369	321
Missouri	32,906	33,970	-3.1	32,764	33,831	--	--	142	138	--	--
Nebraska	10,994	9,233	19.1	10,994	9,233	--	--	--	--	--	--
North Dakota	18,456	18,667	-1.1	18,456	18,667	--	--	--	--	--	--
South Dakota	1,877	1,437	30.6	1,877	1,437	--	--	--	--	--	--
South Atlantic	**136,874**	**147,587**	**-7.3**	**113,097**	**122,999**	**21,586**	**22,732**	**--**	**--**	**2,191**	**1,856**
Delaware	1,691	1,850	-8.6	--	--	1,691	1,850	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	22,660	26,858	-15.6	20,733	24,770	1,748	1,909	--	--	179	178
Georgia	29,769	31,253	-4.7	29,186	30,691	--	--	--	--	583	562
Maryland	8,424	8,665	-2.8	--	--	8,100	8,665	--	--	324	--
North Carolina	23,075	24,511	-5.9	21,671	23,027	979	1,048	--	--	425	435
South Carolina	12,034	13,535	-11.1	11,806	13,288	--	--	--	--	228	247
Virginia	10,664	10,920	-2.3	8,520	8,672	1,986	2,099	--	--	158	149
West Virginia	28,557	29,994	-4.8	21,181	22,550	7,082	7,161	--	--	294	284
East South Central	**86,495**	**94,607**	**-8.6**	**79,739**	**87,704**	**5,401**	**5,635**	**--**	**--**	**1,354**	**1,267**
Alabama	27,111	28,344	-4.4	26,973	28,227	--	--	--	--	138	117
Kentucky	30,204	30,368	-.5	27,444	27,334	2,759	3,034	--	--	--	--
Mississippi	7,728	7,989	-3.3	5,086	5,388	2,642	2,601	--	--	--	--
Tennessee	21,453	27,905	-23.1	20,237	26,755	--	--	--	--	1,216	1,150
West South Central	**116,783**	**114,923**	**1.6**	**64,095**	**59,343**	**52,292**	**55,166**	**--**	**--**	**395**	**414**
Arkansas	11,444	11,164	2.5	11,444	11,164	--	--	--	--	--	--
Louisiana	11,937	12,115	-1.5	6,313	5,579	5,624	6,536	--	--	--	--
Oklahoma	17,534	16,146	8.6	16,025	14,603	1,114	1,130	--	--	395	414
Texas	75,868	75,498	.5	30,313	27,998	45,555	47,500	--	--	--	--
Mountain	**87,174**	**87,243**	**-.1**	**76,776**	**82,414**	**9,655**	**4,132**	**--**	**--**	**744**	**696**
Arizona	16,623	16,496	.8	16,308	16,209	--	--	--	--	316	287
Colorado	13,734	14,987	-8.4	13,734	14,987	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	8,817	8,384	5.2	251	4,942	8,566	3,443	--	--	--	--
Nevada	2,664	2,703	-1.5	2,664	2,703	--	--	--	--	--	--
New Mexico	11,317	11,828	-4.3	11,317	11,828	--	--	--	--	--	--
Utah	13,688	13,654	.2	12,899	12,938	361	307	--	--	429	409
Wyoming	20,331	19,190	5.9	19,603	18,808	727	383	--	--	--	--
Pacific Contiguous	**7,614**	**6,341**	**20.1**	**1,981**	**1,545**	**5,021**	**3,892**	**--**	**--**	**612**	**904**
California	1,153	1,320	-12.7	--	--	629	474	--	--	524	846
Oregon	1,981	1,545	28.2	1,981	1,545	--	--	--	--	--	--
Washington	4,480	3,476	28.9	--	--	4,392	3,418	--	--	89	58
Pacific Noncontiguous	**341**	**523**	**-34.8**	**--**	**--**	**341**	**523**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	341	523	-34.8	--	--	341	523	--	--	--	--
U.S. Total	**787,181**	**804,071**	**-2.1**	**566,790**	**591,453**	**209,210**	**201,537**	**371**	**414**	**10,810**	**10,667**

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 2008 are preliminary. Values for January through July 2007 are revised. • 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, September 2008 and 2007

(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**264**	**604**	**-56.3**	**5**	**3**	**196**	**512**	**1**	*	**62**	**90**
Connecticut	61	78	-22.2	--	--	61	78	--	--	--	--
Maine	51	91	-43.4	--	--	*	1	--	--	51	90
Massachusetts	151	433	-65.0	5	1	134	432	1	*	11	--
New Hampshire	*	2	-95.4	*	2	--	--	--	--	--	--
Rhode Island	*	--	--	--	--	*	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**383**	**1,303**	**-70.6**	**228**	**1,092**	**154**	**209**	**--**	**--**	**2**	**2**
New Jersey	9	308	-96.9	1	292	8	16	--	--	--	--
New York	301	902	-66.7	227	800	73	102	--	--	1	--
Pennsylvania	73	93	-21.8	--	--	72	91	--	--	1	2
East North Central	**126**	**228**	**-44.8**	**91**	**180**	**25**	**33**	*	*	**9**	**15**
Illinois	23	12	86.4	1	2	22	10	*	*	--	--
Indiana	19	22	-11.0	15	18	--	--	--	--	4	4
Michigan	30	152	-80.3	26	143	--	--	--	--	4	9
Ohio	48	36	34.6	44	11	3	22	--	--	1	2
Wisconsin	5	6	-11.3	5	6	*	--	--	--	*	*
West North Central	**54**	**66**	**-18.6**	**54**	**65**	**--**	**--**	**--**	**--**	*	**1**
Iowa	18	19	-6.5	18	19	--	--	--	--	--	--
Kansas	7	15	-53.6	7	15	--	--	--	--	--	--
Minnesota	5	7	-26.8	5	7	--	--	--	--	*	1
Missouri	11	10	3.3	11	10	--	--	--	--	--	--
Nebraska	9	3	205.4	9	3	--	--	--	--	--	--
North Dakota	4	9	-49.9	4	9	--	--	--	--	--	--
South Dakota	*	3	-98.0	*	3	--	--	--	--	--	--
South Atlantic	**2,009**	**3,755**	**-46.5**	**1,729**	**3,363**	**38**	**199**	*	**1**	**242**	**192**
Delaware	67	24	182.8	--	1	8	5	--	--	59	18
District of Columbia	3	21	-86.2	--	--	3	21	--	--	--	--
Florida	1,685	3,164	-46.7	1,659	3,138	1	12	--	--	25	14
Georgia	61	52	17.0	6	5	*	--	--	--	55	47
Maryland	23	158	-85.7	--	--	22	158	--	--	1	--
North Carolina	81	90	-10.5	14	17	*	*	--	--	67	73
South Carolina	44	67	-33.6	29	48	--	--	--	--	15	19
Virginia	33	167	-80.3	8	143	3	3	*	1	21	21
West Virginia	13	12	7.5	13	12	*	*	--	--	--	--
East South Central	**65**	**73**	**-10.6**	**57**	**59**	**1**	**5**	**--**	**--**	**8**	**9**
Alabama	16	9	79.8	9	5	--	--	--	--	7	4
Kentucky	11	49	-76.6	11	44	1	5	--	--	--	--
Mississippi	37	11	230.0	36	6	--	--	--	--	1	5
Tennessee	1	4	-68.7	1	4	--	--	--	--	--	--
West South Central	**312**	**151**	**106.9**	**274**	**146**	**9**	**3**	**--**	**--**	**30**	**2**
Arkansas	*	*	NM	*	*	--	--	--	--	--	--
Louisiana	277	141	96.9	273	140	3	1	--	--	--	--
Oklahoma	30	3	750.3	*	1	--	--	--	--	30	2
Texas	6	7	-19.4	*	4	5	3	--	--	--	--
Mountain	**33**	**24**	**34.9**	**18**	**22**	**14**	**2**	**--**	**--**	*	**--**
Arizona	2	7	-77.3	1	7	--	--	--	--	*	--
Colorado	5	5	-3.1	5	5	*	1	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	8	2	311.4	*	1	8	1	--	--	--	--
Nevada	1	1	47.3	1	1	--	--	--	--	--	--
New Mexico	3	1	175.1	3	1	*	--	--	--	--	--
Utah	8	4	104.8	2	4	6	--	--	--	--	--
Wyoming	7	5	37.4	7	5	--	--	--	--	--	--
Pacific Contiguous	**30**	**49**	**-38.3**	*	**1**	**3**	**4**	**--**	**--**	**27**	**45**
California	23	4	475.7	--	*	2	4	--	--	22	*
Oregon	--	*	-100.0	--	*	--	--	--	--	--	--
Washington	7	45	-84.5	*	*	2	--	--	--	5	45
Pacific Noncontiguous	**976**	**239**	**309.0**	**719**	*	**256**	**239**	**1**	**--**	**--**	**--**
Alaska	50	*	NM	50	*	--	--	--	--	--	--
Hawaii	926	239	288.1	669	--	256	239	1	--	--	--
U.S. Total	**4,252**	**6,492**	**-34.5**	**3,175**	**4,931**	**696**	**1,204**	**2**	**1**	**380**	**356**

* = 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 and 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 September 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	**4,006**	**6,785**	**-41.0**	**138**	**378**	**2,941**	**5,531**	**19**	**33**	**909**	**844**
Connecticut	665	1,543	-56.9	2	--	663	1,543	--	--	--	--
Maine	764	972	-21.5	--	--	9	273	--	--	755	699
Massachusetts	2,440	3,928	-37.9	10	36	2,257	3,714	19	33	154	145
New Hampshire	135	342	-60.4	125	342	10	--	--	--	--	--
Rhode Island	2	--	--	--	--	2	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**5,151**	**14,945**	**-65.5**	**2,704**	**9,193**	**2,417**	**5,709**	**--**	**--**	**30**	**43**
New Jersey	428	1,369	-68.7	158	1,200	270	168	--	--	--	--
New York	3,982	12,306	-67.6	2,547	7,993	1,424	4,306	--	--	12	8
Pennsylvania	741	1,270	-41.7	--	--	723	1,235	--	--	18	36
East North Central	**1,536**	**1,632**	**-5.9**	**1,137**	**1,197**	**281**	**247**	*****	**1**	**118**	**188**
Illinois	206	184	11.6	8	31	197	153	*	1	--	--
Indiana	262	263	-.4	221	215	--	--	--	--	41	48
Michigan	510	711	-28.4	446	587	*	--	--	--	64	125
Ohio	433	392	10.4	341	287	80	93	--	--	12	13
Wisconsin	126	81	55.9	121	77	4	1	--	--	1	2
West North Central	**550**	**503**	**9.3**	**531**	**467**	**14**	**33**	**--**	**--**	**4**	**4**
Iowa	138	125	10.2	138	125	--	--	--	--	--	--
Kansas	71	60	17.3	71	60	--	--	--	--	--	--
Minnesota	99	145	-31.9	81	109	14	33	--	--	4	4
Missouri	102	62	63.0	102	62	--	--	--	--	--	--
Nebraska	33	43	-23.5	33	43	--	--	--	--	--	--
North Dakota	70	59	19.5	70	59	--	--	--	--	--	--
South Dakota	37	8	384.1	37	8	--	--	--	--	--	--
South Atlantic	**18,192**	**28,111**	**-35.3**	**15,198**	**23,507**	**1,243**	**2,404**	**6**	**7**	**1,745**	**2,193**
Delaware	350	290	20.7	--	48	232	156	--	--	118	86
District of Columbia	158	183	-14.0	--	--	158	183	--	--	--	--
Florida	13,706	20,530	-33.2	13,263	20,075	181	196	--	--	262	259
Georgia	817	563	45.2	382	76	34	--	--	--	400	487
Maryland	493	1,443	-65.9	--	--	485	1,443	--	--	8	--
North Carolina	874	1,057	-17.3	275	328	3	2	--	--	596	727
South Carolina	415	429	-3.4	238	249	--	--	--	--	177	180
Virginia	1,201	3,113	-61.4	865	2,491	146	420	6	7	184	195
West Virginia	179	502	-64.4	174	240	5	4	--	--	--	259
East South Central	**588**	**1,462**	**-59.8**	**386**	**1,219**	**45**	**44**	**--**	**--**	**158**	**199**
Alabama	254	244	4.2	79	99	26	--	--	--	149	145
Kentucky	162	280	-42.2	144	236	18	44	--	--	--	--
Mississippi	81	825	-90.2	71	771	--	--	--	--	9	54
Tennessee	91	112	-18.8	91	112	--	--	--	--	--	--
West South Central	**898**	**1,110**	**-19.2**	**495**	**767**	**97**	**161**	**--**	**--**	**306**	**182**
Arkansas	51	70	-27.0	51	70	--	--	--	--	--	--
Louisiana	435	446	-2.5	417	429	17	17	--	--	--	--
Oklahoma	307	208	47.8	1	26	--	--	--	--	306	182
Texas	105	387	-72.8	26	242	80	145	--	--	--	--
Mountain	**560**	**390**	**43.7**	**457**	**362**	**102**	**28**	**--**	**--**	**2**	**--**
Arizona	254	72	250.4	252	72	--	--	--	--	2	--
Colorado	32	83	-60.8	32	71	1	12	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	46	29	56.8	1	16	45	14	--	--	--	--
Nevada	5	43	-88.6	5	43	--	--	--	--	--	--
New Mexico	72	39	82.2	70	37	2	3	--	--	--	--
Utah	87	52	66.8	32	52	55	--	--	--	--	--
Wyoming	65	71	-8.6	65	71	--	--	--	--	--	--
Pacific Contiguous	**245**	**815**	**-70.0**	**30**	**95**	**70**	**99**	**--**	**--**	**144**	**621**
California	130	613	-78.9	27	64	53	99	--	--	50	451
Oregon	--	9	-100.0	--	9	--	--	--	--	--	--
Washington	115	192	-40.0	4	22	17	*	--	--	95	170
Pacific Noncontiguous	**10,152**	**2,080**	**388.1**	**8,108**	*****	**2,042**	**2,080**	**3**	**--**	**--**	**--**
Alaska	610	*	NM	610	*	--	--	--	--	--	--
Hawaii	9,543	2,080	358.8	7,498	--	2,042	2,080	3	--	--	--
U.S. Total	**41,878**	**58,114**	**-27.9**	**29,184**	**37,465**	**9,251**	**16,335**	**28**	**40**	**3,416**	**4,274**

* = 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 and 2008 are preliminary. Values for January through July 2007 are revised. • 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, September 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**25**	**12**	**110.4**	--	--	**16**	**8**	--	--	**9**	**4**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	14	8	78.8	--	--	14	8	--	--	--	--
Pennsylvania	11	4	174.8	--	--	2	--	--	--	9	4
East North Central	**86**	**52**	**66.2**	**36**	**33**	**37**	**6**	--	--	**13**	**12**
Illinois	1	--	--	1	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	5	7	-24.8	--	1	5	6	--	--	--	--
Ohio	32	--	--	--	--	32	--	--	--	--	--
Wisconsin	48	45	7.8	35	32	--	--	--	--	13	12
West North Central	**13**	**12**	**6.2**	**13**	**12**	--	--	--	--	--	--
Iowa	2	1	93.6	2	1	--	--	--	--	--	--
Kansas	5	6	-19.5	5	6	--	--	--	--	--	--
Minnesota	5	5	18.3	5	5	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**139**	**161**	**-13.3**	**116**	**147**	--	--	--	--	**23**	**14**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	116	147	-20.7	116	147	--	--	--	--	--	--
Georgia	23	14	65.0	--	--	--	--	--	--	23	14
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**44**	**88**	**-49.4**	--	--	**44**	**88**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	44	88	-49.4	--	--	44	88	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**99**	**144**	**-31.5**	**64**	--	**34**	**104**	--	--	--	**39**
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	64	103	-37.9	64	--	--	65	--	--	--	39
Oklahoma	--	1	--	--	--	--	--	--	--	--	1
Texas	34	40	-13.4	--	--	34	40	--	--	--	--
Mountain	**9**	**7**	**42.9**	--	--	**9**	**7**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	9	7	42.9	--	--	9	7	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**10**	**15**	**-35.3**	--	--	**10**	**15**	--	--	--	--
California	10	15	-35.3	--	--	10	15	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**425**	**490**	**-13.2**	**229**	**192**	**151**	**228**	--	--	**45**	**69**

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 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 September 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	**165**	**121**	**35.9**	--	--	**70**	**31**	--	--	**95**	**91**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	52	31	69.7	--	--	52	31	--	--	--	--
Pennsylvania	113	91	24.5	--	--	18	--	--	--	95	91
East North Central	**524**	**412**	**27.1**	**235**	**263**	**174**	**28**	--	--	**115**	**121**
Illinois	4	--	--	4	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	23	36	-35.0	--	8	23	28	--	--	--	--
Ohio	151	--	--	--	--	151	--	--	--	--	--
Wisconsin	346	376	-8.0	231	255	--	--	--	--	115	121
West North Central	**120**	**157**	**-23.8**	**120**	**157**	--	--	--	--	--	--
Iowa	38	49	-22.5	38	49	--	--	--	--	--	--
Kansas	40	55	-27.7	40	55	--	--	--	--	--	--
Minnesota	42	53	-20.4	42	53	--	--	--	--	--	--
Missouri	--	*	--	--	*	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**1,434**	**1,759**	**-18.5**	**1,163**	**1,553**	--	--	--	--	**271**	**206**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,163	1,541	-24.5	1,163	1,541	--	--	--	--	--	--
Georgia	271	206	31.6	--	--	--	--	--	--	271	206
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	12	-100.0	--	12	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**787**	**841**	**-6.4**	--	--	**787**	**841**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	787	841	-6.4	--	--	787	841	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**949**	**939**	**1.0**	**546**	--	**403**	**833**	--	--	--	**106**
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	546	634	-13.9	546	--	--	535	--	--	--	98
Oklahoma	--	8	--	--	--	--	--	--	--	--	8
Texas	403	297	35.4	--	--	403	297	--	--	--	--
Mountain	**183**	**67**	**170.7**	--	--	**183**	**67**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	183	67	170.7	--	--	183	67	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**78**	**119**	**-34.5**	--	--	**78**	**119**	--	--	--	--
California	78	119	-34.5	--	--	78	119	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**4,239**	**4,417**	**-4.0**	**2,064**	**1,974**	**1,695**	**1,919**	--	--	**481**	**524**

* = 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 2008 are preliminary. Values for January through July 2007 are revised. • 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, September 2008 and 2007
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**32,882**	**39,017**	**-15.7**	**47**	**316**	**31,234**	**36,283**	**280**	**322**	**1,321**	**2,097**
Connecticut	4,611	6,790	-32.1	4	--	4,607	6,790	--	--	--	--
Maine	4,827	4,174	15.6	--	--	3,613	2,220	--	--	1,213	1,954
Massachusetts	13,655	15,312	-10.8	39	311	13,228	14,536	280	322	108	142
New Hampshire	4,443	5,088	-12.7	*	2	4,443	5,086	--	--	--	--
Rhode Island	5,343	7,651	-30.2	--	--	5,343	7,651	--	--	--	--
Vermont	4	3	18.4	4	3	--	--	--	--	--	--
Middle Atlantic	**71,191**	**71,915**	**-1.0**	**13,038**	**12,152**	**56,150**	**57,705**	**283**	**212**	**1,720**	**1,845**
New Jersey	16,873	15,990	5.5	26	--	16,184	15,488	--	--	663	502
New York	37,162	40,626	-8.5	13,012	12,152	23,791	28,191	283	212	76	71
Pennsylvania	17,156	15,299	12.1	--	--	16,175	14,026	--	--	981	1,272
East North Central	**17,305**	**23,967**	**-27.8**	**3,665**	**5,539**	**11,941**	**16,873**	**340**	**420**	**1,359**	**1,135**
Illinois	3,307	5,307	-37.7	287	7	2,208	4,845	285	384	527	72
Indiana	3,387	4,297	-21.2	448	2,702	2,345	743	--	--	594	853
Michigan	6,097	8,721	-30.1	753	992	5,137	7,597	54	36	153	97
Ohio	1,600	3,053	-47.6	524	904	1,076	2,115	--	--	--	33
Wisconsin	2,914	2,588	12.6	1,654	935	1,175	1,572	--	--	85	81
West North Central	**7,509**	**6,329**	**18.6**	**5,824**	**4,016**	**1,551**	**2,162**	**7**	**6**	**127**	**145**
Iowa	1,184	185	541.8	1,183	185	--	--	--	--	1	--
Kansas	1,816	2,011	-9.7	1,816	2,011	--	--	--	--	--	--
Minnesota	1,681	1,708	-1.5	709	240	847	1,322	--	--	125	145
Missouri	2,484	2,384	4.2	1,773	1,538	703	840	7	6	--	--
Nebraska	283	42	565.6	283	42	--	--	--	--	--	--
North Dakota	*	*	92.3	*	*	--	--	--	--	--	--
South Dakota	61	--	--	61	--	--	--	--	--	--	--
South Atlantic	**108,183**	**122,611**	**-11.8**	**85,640**	**93,433**	**21,561**	**26,989**	**--**	**--**	**982**	**2,189**
Delaware	1,415	2,309	-38.7	--	3	1,395	1,546	--	--	20	760
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	76,559	89,613	-14.6	68,394	79,324	7,961	9,688	--	--	205	601
Georgia	11,185	11,743	-4.8	5,814	4,894	4,895	6,488	--	--	476	362
Maryland	1,860	2,721	-31.6	--	--	1,766	2,721	--	--	95	--
North Carolina	3,575	3,425	4.4	2,466	2,178	1,036	1,077	--	--	73	171
South Carolina	4,168	3,354	24.3	3,100	2,051	1,035	1,291	--	--	34	12
Virginia	9,243	8,942	3.4	5,840	4,973	3,322	3,872	--	--	81	97
West Virginia	177	503	-64.7	26	10	152	307	--	--	--	186
East South Central	**35,258**	**39,338**	**-10.4**	**16,092**	**18,159**	**18,173**	**20,498**	**--**	**--**	**992**	**681**
Alabama	13,763	17,800	-22.7	4,248	5,837	8,660	11,384	--	--	855	578
Kentucky	732	278	163.7	605	231	126	47	--	--	--	--
Mississippi	20,282	21,208	-4.4	10,772	12,091	9,387	9,029	--	--	123	87
Tennessee	480	53	813.1	467	--	--	38	--	--	13	15
West South Central	**219,037**	**247,142**	**-11.4**	**55,705**	**61,438**	**109,465**	**133,984**	**337**	**348**	**53,530**	**51,372**
Arkansas	5,364	6,075	-11.7	765	287	4,599	5,788	--	--	--	--
Louisiana	40,999	41,753	-1.8	15,346	14,410	7,695	7,606	--	--	17,959	19,737
Oklahoma	23,966	27,262	-12.1	14,603	16,439	8,717	10,251	--	--	645	572
Texas	148,708	172,052	-13.6	24,992	30,303	88,454	110,339	337	348	34,926	31,063
Mountain	**69,016**	**66,573**	**3.7**	**34,088**	**33,576**	**33,658**	**32,995**	**--**	**--**	**1,271**	**2**
Arizona	30,368	27,847	9.1	11,166	11,576	19,200	16,270	--	--	2	--
Colorado	8,749	13,001	-32.7	3,355	4,794	5,394	8,207	--	--	--	--
Idaho	1,036	1,196	-13.4	92	--	944	1,196	--	--	--	--
Montana	46	55	-15.0	11	*	36	54	--	--	--	--
Nevada	18,104	15,377	17.7	10,804	9,319	6,969	6,058	--	--	332	--
New Mexico	4,098	3,769	8.7	3,342	3,209	754	561	--	--	3	--
Utah	5,679	5,282	7.5	5,284	4,634	360	645	--	--	36	2
Wyoming	935	46	NM	35	44	2	3	--	--	898	--
Pacific Contiguous	**108,785**	**93,840**	**15.9**	**27,260**	**19,881**	**70,639**	**63,958**	**352**	**388**	**10,533**	**9,613**
California	88,330	75,831	16.5	21,327	14,225	57,157	52,387	352	388	9,495	8,831
Oregon	12,176	11,876	2.5	4,486	5,209	6,796	5,992	--	--	894	676
Washington	8,279	6,133	35.0	1,447	447	6,686	5,579	--	--	145	107
Pacific Noncontiguous	**3,228**	**3,096**	**4.2**	**3,228**	**3,096**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	3,228	3,096	4.2	3,228	3,096	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**672,394**	**713,828**	**-5.8**	**244,588**	**251,606**	**354,372**	**391,447**	**1,599**	**1,696**	**71,835**	**69,080**

* = 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 and 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 September 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	**281,803**	**320,718**	**-12.1**	**1,681**	**2,129**	**265,033**	**300,944**	**2,920**	**3,158**	**12,169**	**14,486**
Connecticut	46,409	58,136	-20.2	29	--	46,381	58,136	--	--	--	--
Maine	37,081	40,323	-8.0	--	--	25,901	26,562	--	--	11,179	13,761
Massachusetts	119,169	136,315	-12.6	1,565	1,899	113,695	130,533	2,920	3,158	990	725
New Hampshire	36,854	29,819	23.6	64	210	36,790	29,609	--	--	--	--
Rhode Island	42,267	56,104	-24.7	--	--	42,267	56,104	--	--	--	--
Vermont	23	20	14.1	23	20	--	--	--	--	--	--
Middle Atlantic	**573,937**	**566,030**	**1.4**	**114,164**	**103,454**	**441,176**	**441,265**	**2,345**	**2,302**	**16,251**	**19,010**
New Jersey	140,171	123,521	13.5	241	--	133,837	117,674	--	--	6,094	5,847
New York	318,042	319,353	-.4	113,923	103,454	200,997	212,693	2,345	2,302	777	904
Pennsylvania	115,723	123,156	-6.0	--	--	106,342	110,897	--	--	9,381	12,259
East North Central	**195,293**	**237,995**	**-17.9**	**40,336**	**53,212**	**138,490**	**167,314**	**3,867**	**3,796**	**12,599**	**13,674**
Illinois	34,293	48,436	-29.2	3,424	171	22,529	43,260	3,461	3,414	4,879	1,590
Indiana	34,584	36,804	-6.0	6,686	20,666	22,052	6,413	--	--	5,846	9,724
Michigan	74,848	92,408	-19.0	8,425	8,846	65,063	82,046	405	381	955	1,135
Ohio	17,546	24,714	-29.0	4,641	8,075	12,823	16,484	--	--	81	155
Wisconsin	34,022	35,634	-4.5	17,159	15,453	16,024	19,111	--	--	839	1,070
West North Central	**85,635**	**56,349**	**52.0**	**69,357**	**39,307**	**14,827**	**15,429**	**60**	**118**	**1,392**	**1,495**
Iowa	14,495	1,898	663.7	14,470	1,898	--	--	--	--	24	--
Kansas	17,983	17,161	4.8	17,983	17,161	--	--	--	--	--	--
Minnesota	17,624	16,334	7.9	8,441	4,493	7,815	10,347	--	--	1,368	1,495
Missouri	28,571	20,142	41.8	21,500	14,942	7,012	5,082	60	118	--	--
Nebraska	5,422	798	579.6	5,422	798	--	--	--	--	--	--
North Dakota	1	16	-91.3	1	16	--	--	--	--	--	--
South Dakota	1,540	--	--	1,540	--	--	--	--	--	--	--
South Atlantic	**867,458**	**852,716**	**1.7**	**686,860**	**641,977**	**169,261**	**193,487**	**--**	**--**	**11,337**	**17,253**
Delaware	10,279	17,157	-40.1	--	61	9,245	10,556	--	--	1,034	6,539
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	633,306	607,518	4.2	558,443	533,770	71,498	69,001	--	--	3,366	4,746
Georgia	79,826	94,106	-15.2	40,954	41,694	34,647	48,902	--	--	4,225	3,509
Maryland	12,274	15,222	-19.4	--	--	11,324	15,222	--	--	950	--
North Carolina	29,119	18,373	58.5	23,299	11,644	5,172	6,337	--	--	648	392
South Carolina	37,068	31,408	18.0	27,246	20,363	9,671	10,910	--	--	150	135
Virginia	63,986	65,746	-2.7	36,451	34,381	26,572	30,544	--	--	963	822
West Virginia	1,600	3,186	-49.8	467	63	1,133	2,014	--	--	--	1,110
East South Central	**287,147**	**284,335**	**1.0**	**140,846**	**128,815**	**136,477**	**148,679**	**--**	**--**	**9,824**	**6,841**
Alabama	128,464	143,833	-10.7	47,880	54,933	72,300	83,534	--	--	8,284	5,366
Kentucky	9,341	4,330	115.7	7,748	3,411	1,594	920	--	--	--	--
Mississippi	145,723	135,352	7.7	81,956	70,471	62,500	63,597	--	--	1,268	1,284
Tennessee	3,619	821	341.1	3,263	--	84	629	--	--	272	191
West South Central	**2,174,497**	**2,070,214**	**5.0**	**534,140**	**497,932**	**1,093,689**	**1,085,658**	**3,649**	**3,398**	**543,019**	**483,227**
Arkansas	55,941	50,140	11.6	11,014	4,732	44,927	45,408	--	--	--	--
Louisiana	375,374	359,736	4.3	124,782	113,247	59,839	60,488	--	--	190,753	186,000
Oklahoma	227,345	220,972	2.9	146,287	131,825	75,005	82,935	--	--	6,053	6,211
Texas	1,515,837	1,439,367	5.3	252,056	248,128	913,918	896,826	3,649	3,398	346,213	291,015
Mountain	**528,723**	**490,132**	**7.9**	**268,574**	**237,863**	**253,556**	**249,097**	**--**	**--**	**6,594**	**3,172**
Arizona	220,075	203,869	7.9	85,057	85,693	135,005	118,176	--	--	13	--
Colorado	75,673	88,273	-14.3	28,601	25,745	47,072	62,527	--	--	--	--
Idaho	7,921	6,632	19.4	927	--	6,995	6,632	--	--	--	--
Montana	427	501	-14.7	99	8	328	493	--	--	--	--
Nevada	136,705	131,501	4.0	78,343	79,242	55,855	52,259	--	--	2,507	--
New Mexico	43,439	26,405	64.5	37,862	21,742	5,555	4,607	--	--	23	57
Utah	40,148	29,714	35.1	37,358	25,280	2,717	4,386	--	--	73	48
Wyoming	4,334	3,236	33.9	327	152	29	16	--	--	3,979	3,068
Pacific Contiguous	**818,117**	**702,405**	**16.5**	**203,493**	**143,242**	**521,531**	**472,911**	**3,212**	**3,465**	**89,881**	**82,788**
California	672,690	600,261	12.1	163,818	116,951	424,492	404,616	3,212	3,465	81,168	75,229
Oregon	90,301	72,880	23.9	29,193	23,327	54,031	43,786	--	--	7,076	5,767
Washington	55,126	29,265	88.4	10,482	2,964	43,007	24,509	--	--	1,637	1,793
Pacific Noncontiguous	**28,967**	**25,767**	**12.4**	**28,967**	**25,767**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	28,967	25,767	12.4	28,967	25,767	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**5,841,577**	**5,606,663**	**4.2**	**2,088,416**	**1,873,698**	**3,034,042**	**3,074,783**	**16,053**	**16,236**	**703,066**	**641,945**

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 2008 are preliminary. Values for January through July 2007 are revised. • 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, September 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**2.73**	**2.84**	**-4.0**	**3.11**	**2.88**	**2.67**	**2.84**
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	2.80	W	--	--	W	2.80
New Hampshire	3.11	2.88	8.0	3.11	2.88	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**2.44**	**1.87**	**30.5**	**1.91**	**2.38**	**2.45**	**1.86**
New Jersey	3.45	2.62	31.7	1.96	2.55	3.46	2.63
New York	2.57	2.36	8.9	1.89	2.22	2.58	2.38
Pennsylvania	2.33	1.73	34.7	--	--	2.33	1.73
East North Central	**1.95**	**1.60**	**21.6**	**2.02**	**1.65**	**1.78**	**1.49**
Illinois	1.64	1.34	22.4	2.06	1.52	1.63	1.32
Indiana	W	W	W	2.00	1.59	W	W
Michigan	W	W	W	1.96	1.67	W	W
Ohio	2.08	1.72	20.9	2.04	1.66	2.23	1.85
Wisconsin	2.14	W	W	2.14	1.77	1.76	W
West North Central	**1.37**	**1.22**	**12.2**	**1.37**	**1.22**	**--**	**--**
Iowa	1.23	1.07	15.0	1.23	1.07	--	--
Kansas	1.42	1.24	14.5	1.42	1.24	--	--
Minnesota	1.62	1.48	9.5	1.62	1.48	--	--
Missouri	1.52	1.33	14.3	1.52	1.33	--	--
Nebraska	.95	.93	2.2	.95	.93	--	--
North Dakota	1.15	1.02	12.7	1.15	1.02	--	--
South Dakota	1.86	1.53	21.6	1.86	1.53	--	--
South Atlantic	**3.08**	**2.36**	**30.4**	**3.05**	**2.43**	**3.22**	**2.06**
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	2.98	2.62	13.7	2.93	2.61	3.45	2.73
Georgia	3.15	2.63	19.8	3.15	2.63	--	--
Maryland	4.07	2.06	97.6	--	--	4.07	2.06
North Carolina	3.51	2.73	28.6	3.55	2.74	2.66	2.63
South Carolina	3.14	2.33	34.8	3.14	2.33	--	--
Virginia	2.80	2.49	12.4	2.78	2.42	2.88	2.81
West Virginia	W	W	W	2.55	1.78	W	W
East South Central	**2.70**	**1.95**	**38.3**	**2.75**	**1.96**	**1.79**	**1.57**
Alabama	3.40	2.03	67.5	3.40	2.03	--	--
Kentucky	W	W	W	2.50	1.79	W	W
Mississippi	W	W	W	2.90	2.93	W	W
Tennessee	2.17	1.88	15.4	2.17	1.88	--	--
West South Central	**1.69**	**1.52**	**11.2**	**1.83**	**1.59**	**1.49**	**1.44**
Arkansas	1.80	1.81	-.6	1.80	1.81	--	--
Louisiana	W	W	W	2.44	1.79	W	W
Oklahoma	W	W	W	1.37	1.21	W	W
Texas	W	W	W	2.00	1.67	W	W
Mountain	**1.50**	**1.38**	**8.9**	**1.55**	**1.41**	**1.05**	**.81**
Arizona	1.76	1.57	12.1	1.76	1.57	--	--
Colorado	1.53	1.32	15.9	1.53	1.32	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	2.00	.92	W	W
Nevada	2.44	1.86	31.2	2.44	1.86	--	--
New Mexico	2.13	1.83	16.4	2.13	1.83	--	--
Utah	W	W	W	1.24	1.30	W	W
Wyoming	W	W	W	1.09	1.09	W	W
Pacific	**2.10**	**1.91**	**10.3**	**1.44**	**1.40**	**2.39**	**2.06**
California	W	W	W	--	--	W	W
Oregon	1.44	1.40	2.9	1.44	1.40	--	--
Washington	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	**2.16**	**1.77**	**22.0**	**2.19**	**1.79**	**2.09**	**1.72**

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 and 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 September 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	**2.86**	**2.79**	**2.3**	**3.40**	**2.81**	**2.73**	**2.79**
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	2.52	2.75	-8.4	--	2.65	2.52	2.75
New Hampshire	3.40	2.81	21.0	3.40	2.81	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**2.21**	**1.90**	**15.9**	**2.27**	**2.53**	**2.20**	**1.89**
New Jersey	3.11	2.84	9.5	2.47	2.76	3.14	2.85
New York	2.34	2.39	-2.1	2.08	2.26	2.35	2.40
Pennsylvania	2.11	1.73	22.0	--	--	2.11	1.73
East North Central	**1.90**	**1.60**	**18.9**	**1.90**	**1.63**	**1.90**	**1.52**
Illinois	1.77	1.32	34.1	1.93	1.40	1.76	1.31
Indiana	W	W	W	1.85	1.57	W	W
Michigan	W	W	W	1.93	1.69	W	W
Ohio	2.01	1.72	16.9	1.92	1.65	2.25	1.89
Wisconsin	W	W	W	1.90	1.68	W	W
West North Central	**1.39**	**1.21**	**14.5**	**1.39**	**1.21**	**--**	**--**
Iowa	1.19	1.08	10.2	1.19	1.08	--	--
Kansas	1.40	1.22	14.8	1.40	1.22	--	--
Minnesota	1.67	1.50	11.3	1.67	1.50	--	--
Missouri	1.62	1.32	22.7	1.62	1.32	--	--
Nebraska	.93	.89	4.5	.93	.89	--	--
North Dakota	1.13	.96	17.7	1.13	.96	--	--
South Dakota	1.78	1.55	14.8	1.78	1.55	--	--
South Atlantic	**2.80**	**2.36**	**18.5**	**2.79**	**2.41**	**2.84**	**2.10**
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	2.87	2.53	13.4	2.85	2.50	3.19	2.86
Georgia	2.98	2.60	14.6	2.98	2.60	--	--
Maryland	3.68	2.10	75.2	--	--	3.68	2.10
North Carolina	3.10	2.74	13.1	3.13	2.74	2.37	2.65
South Carolina	2.68	2.31	16.0	2.68	2.31	--	--
Virginia	2.64	2.48	6.5	2.62	2.39	2.73	2.82
West Virginia	W	W	W	2.29	1.81	W	W
East South Central	**2.27**	**1.95**	**16.7**	**2.30**	**1.96**	**1.71**	**1.60**
Alabama	2.53	2.08	21.6	2.53	2.08	--	--
Kentucky	W	W	W	2.10	1.77	W	W
Mississippi	W	W	W	2.97	2.89	W	W
Tennessee	2.11	1.85	14.1	2.11	1.85	--	--
West South Central	**1.64**	**1.48**	**11.2**	**1.76**	**1.53**	**1.49**	**1.41**
Arkansas	1.72	1.60	7.5	1.72	1.60	--	--
Louisiana	W	W	W	2.38	2.10	W	W
Oklahoma	W	W	W	1.40	1.16	W	W
Texas	W	W	W	1.84	1.60	W	W
Mountain	**1.48**	**1.37**	**8.6**	**1.53**	**1.39**	**1.10**	**.85**
Arizona	1.69	1.55	9.0	1.69	1.55	--	--
Colorado	1.43	1.27	12.6	1.43	1.27	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	1.92	.97	W	W
Nevada	2.22	1.87	18.7	2.22	1.87	--	--
New Mexico	1.97	1.84	7.1	1.97	1.84	--	--
Utah	W	W	W	1.38	1.36	W	W
Wyoming	W	W	W	1.18	1.08	W	W
Pacific	**2.05**	**1.81**	**13.4**	**1.44**	**1.36**	**2.27**	**1.95**
California	W	W	W	--	--	W	W
Oregon	1.44	1.36	5.9	1.44	1.36	--	--
Washington	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	**2.03**	**1.76**	**15.3**	**2.02**	**1.78**	**2.03**	**1.72**

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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 2008 are preliminary. Values for January through July 2007 are revised. • 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, September 2008 and 2007

(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**15.32**	**W**	**W**	**6.10**	**12.23**	**15.57**	**W**
Connecticut	16.53	W	W	--	--	16.53	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	5.83	10.88	W	W
New Hampshire	22.73	12.70	79.0	22.73	12.70	--	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**16.35**	**6.55**	**149.5**	**14.82**	**5.43**	**18.75**	**12.89**
New Jersey	20.18	5.08	297.2	18.93	4.86	20.35	10.57
New York	14.96	6.27	138.6	14.80	5.63	15.47	11.52
Pennsylvania	22.04	14.80	48.9	--	--	22.04	14.80
East North Central	**23.26**	**12.41**	**87.5**	**22.42**	**11.62**	**26.36**	**16.99**
Illinois	25.96	19.07	36.1	23.43	18.52	26.06	19.16
Indiana	23.64	17.38	36.0	23.64	17.38	--	--
Michigan	21.09	10.36	103.6	21.09	10.36	--	--
Ohio	W	15.77	W	22.64	15.37	W	15.97
Wisconsin	W	17.63	W	23.69	17.63	W	--
West North Central	**24.05**	**16.96**	**41.8**	**24.05**	**16.96**	**--**	**--**
Iowa	23.72	17.37	36.6	23.72	17.37	--	--
Kansas	23.62	17.78	32.8	23.62	17.78	--	--
Minnesota	24.43	10.51	132.4	24.43	10.51	--	--
Missouri	23.95	18.31	30.8	23.95	18.31	--	--
Nebraska	24.63	18.03	36.6	24.63	18.03	--	--
North Dakota	24.77	18.70	32.5	24.77	18.70	--	--
South Dakota	18.67	14.25	31.0	18.67	14.25	--	--
South Atlantic	**15.11**	**9.97**	**51.6**	**15.04**	**9.75**	**18.80**	**13.94**
Delaware	22.51	W	W	--	8.70	22.51	W
District of Columbia	W	W	W	--	--	W	W
Florida	W	W	W	14.85	9.48	W	W
Georgia	18.64	17.26	8.0	18.68	17.26	14.42	--
Maryland	16.42	13.36	22.9	--	--	16.42	13.36
North Carolina	W	W	W	23.45	16.97	W	W
South Carolina	15.92	16.85	-5.5	15.92	16.85	--	--
Virginia	W	W	W	21.51	12.05	W	W
West Virginia	W	W	W	24.40	17.22	W	W
East South Central	**W**	**W**	**W**	**13.61**	**16.68**	**W**	**W**
Alabama	22.97	16.17	42.1	22.97	16.17	--	--
Kentucky	W	W	W	24.40	16.95	W	W
Mississippi	8.41	15.10	-44.3	8.41	15.10	--	--
Tennessee	22.59	16.64	35.8	22.59	16.64	--	--
West South Central	**W**	**8.15**	**W**	**9.73**	**8.05**	**W**	**13.88**
Arkansas	17.42	15.04	15.8	17.42	15.04	--	--
Louisiana	W	W	W	9.72	7.83	W	W
Oklahoma	5.72	14.25	-59.9	5.72	14.25	--	--
Texas	W	W	W	18.81	14.38	W	W
Mountain	**W**	**W**	**W**	**23.90**	**16.40**	**W**	**W**
Arizona	25.06	17.72	41.4	25.06	17.72	--	--
Colorado	23.04	W	W	23.72	11.60	2.00	W
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	18.53	17.93	W	W
Nevada	23.56	14.25	65.3	23.56	14.25	--	--
New Mexico	18.74	16.23	15.5	18.42	16.23	23.73	--
Utah	24.51	17.04	43.8	23.89	17.04	24.67	--
Wyoming	25.98	18.70	38.9	25.98	18.70	--	--
Pacific	**W**	**W**	**W**	**22.28**	**14.14**	**W**	**W**
California	W	W	W	--	14.05	W	W
Oregon	--	14.25	-100.0	--	14.25	--	--
Washington	23.22	14.25	62.9	13.93	14.25	23.92	--
Alaska	21.83	14.25	53.2	21.83	14.25	--	--
Hawaii	W	W	W	22.31	--	W	W
U.S. Total	**17.03**	**9.54**	**78.5**	**16.48**	**9.00**	**19.70**	**11.88**

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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 September 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	**16.08**	**8.77**	**83.3**	**17.86**	**8.90**	**16.00**	**8.77**
Connecticut	18.83	9.36	101.2	24.58	--	18.81	9.36
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	12.87	10.89	W	W
New Hampshire	W	8.70	W	18.15	8.70	W	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**18.26**	**7.51**	**143.3**	**16.29**	**6.30**	**20.57**	**9.50**
New Jersey	20.73	5.48	278.3	19.07	4.42	21.82	14.27
New York	17.57	7.40	137.4	16.12	6.58	20.22	8.95
Pennsylvania	20.84	10.91	91.0	--	--	20.84	10.91
East North Central	**22.54**	**13.16**	**71.3**	**22.22**	**12.72**	**23.92**	**15.36**
Illinois	22.85	15.65	46.0	22.58	16.35	22.86	15.50
Indiana	24.93	12.75	95.5	24.93	12.75	--	--
Michigan	20.77	11.19	85.6	20.77	11.19	30.12	--
Ohio	W	W	W	22.60	14.67	W	W
Wisconsin	W	W	W	21.48	16.11	W	W
West North Central	**W**	**W**	**W**	**21.94**	**14.62**	**W**	**W**
Iowa	23.10	16.35	41.3	23.10	16.35	--	--
Kansas	24.47	16.18	51.2	24.47	16.18	--	--
Minnesota	W	W	W	16.04	9.29	W	W
Missouri	23.75	16.02	48.3	23.75	16.02	--	--
Nebraska	22.87	16.84	35.8	22.87	16.84	--	--
North Dakota	22.69	16.38	38.5	22.69	16.38	--	--
South Dakota	18.29	13.21	38.5	18.29	13.21	--	--
South Atlantic	**15.12**	**9.12**	**65.7**	**14.74**	**8.95**	**20.08**	**10.84**
Delaware	W	W	W	--	7.46	W	W
District of Columbia	W	W	W	--	--	W	W
Florida	14.32	8.82	62.4	14.30	8.79	15.72	12.02
Georgia	16.73	14.32	16.8	16.19	14.32	22.66	--
Maryland	21.28	10.02	112.4	--	--	21.28	10.02
North Carolina	W	W	W	21.87	14.22	W	W
South Carolina	14.76	14.03	5.2	14.76	14.03	--	--
Virginia	17.48	9.00	94.2	17.09	8.59	19.97	11.66
West Virginia	W	W	W	24.57	14.38	W	W
East South Central	**W**	**W**	**W**	**20.77**	**11.25**	**W**	**W**
Alabama	22.28	13.94	59.8	22.77	13.94	20.85	--
Kentucky	W	W	W	24.60	15.16	W	W
Mississippi	9.59	9.38	2.2	9.59	9.38	--	--
Tennessee	22.74	14.85	53.1	22.74	14.85	--	--
West South Central	**12.01**	**10.66**	**12.7**	**10.36**	**10.38**	**21.32**	**12.08**
Arkansas	14.80	14.53	1.9	14.80	14.53	--	--
Louisiana	W	W	W	9.05	8.14	W	W
Oklahoma	25.63	13.49	90.0	25.63	13.49	--	--
Texas	W	W	W	24.78	13.23	W	W
Mountain	**20.94**	**13.99**	**49.7**	**20.63**	**13.93**	**22.43**	**14.77**
Arizona	20.77	15.35	35.3	20.77	15.35	--	--
Colorado	W	W	W	23.23	9.39	W	W
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	18.69	15.98	W	W
Nevada	25.09	9.96	151.9	25.09	9.96	--	--
New Mexico	W	W	W	13.70	16.81	W	W
Utah	22.89	16.54	38.4	24.32	16.54	22.06	--
Wyoming	24.08	15.89	51.5	24.08	15.89	--	--
Pacific	**W**	**W**	**W**	**19.43**	**12.17**	**W**	**W**
California	W	W	W	24.32	12.85	W	W
Oregon	--	8.37	-100.0	--	8.37	--	--
Washington	W	W	W	13.54	11.84	W	W
Alaska	23.26	14.25	63.2	23.26	14.25	--	--
Hawaii	W	W	W	19.15	--	W	W
U.S. Total	**17.22**	**9.02**	**90.9**	**16.67**	**8.67**	**19.03**	**9.83**

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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 2008 are preliminary. Values for January through July 2007 are revised. • 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, September 2008 and 2007

(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**2.49**	**W**	**W**	**--**	**--**	**2.49**	**W**
New Jersey	--	--	--	--	--	--	--
New York	2.55	W	W	--	--	2.55	W
Pennsylvania	1.97	--	--	--	--	1.97	--
East North Central	**W**	**W**	**W**	**1.48**	**1.38**	**W**	**W**
Illinois	2.36	--	--	2.36	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	W	W	W	--	1.85	W	W
Ohio	1.95	--	--	--	--	1.95	--
Wisconsin	1.46	1.37	6.6	1.46	1.37	--	--
West North Central	**1.55**	**1.33**	**16.5**	**1.55**	**1.33**	**--**	**--**
Iowa	1.99	1.95	2.1	1.99	1.95	--	--
Kansas	1.56	1.41	10.6	1.56	1.41	--	--
Minnesota	1.34	1.05	27.6	1.34	1.05	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	**2.37**	**1.90**	**24.7**	**2.37**	**1.90**	**--**	**--**
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.37	1.90	24.7	2.37	1.90	--	--
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**	**2.79**	**--**	**W**	**W**
Arkansas	--	--	--	--	--	--	--
Louisiana	2.79	W	W	2.79	--	--	W
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	**1.72**	**1.61**	**6.8**	**--**	**--**	**1.72**	**1.61**
California	1.72	1.61	6.8	--	--	1.72	1.61
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	**2.03**	**1.49**	**36.2**	**2.31**	**1.78**	**1.60**	**1.25**

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 and 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 September 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	1.46	--	--	--	--	1.46	--
East North Central	**W**	**W**	**W**	**1.47**	**1.33**	**W**	**W**
Illinois	1.97	--	--	1.97	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	W	W	W	--	1.79	W	W
Ohio	1.48	--	--	--	--	1.48	--
Wisconsin	1.46	1.32	10.6	1.46	1.32	--	--
West North Central	**1.57**	**1.37**	**14.1**	**1.57**	**1.37**	--	--
Iowa	2.07	1.71	21.1	2.07	1.71	--	--
Kansas	1.60	1.39	15.1	1.60	1.39	--	--
Minnesota	1.09	1.04	4.8	1.09	1.04	--	--
Missouri	--	1.40	--	--	1.40	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	**2.16**	**1.93**	**12.1**	**2.16**	**1.93**	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.16	1.93	11.9	2.16	1.93	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	1.45	-100.0	--	1.45	--	--
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**	**2.12**	--	**W**	**W**
Arkansas	--	--	--	--	--	--	--
Louisiana	2.12	W	W	2.12	--	--	W
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	**1.72**	**1.81**	**-5.0**	--	--	**1.72**	**1.81**
California	1.72	1.81	-5.0	--	--	1.72	1.81
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	**1.67**	**1.51**	**10.6**	**2.04**	**1.80**	**1.23**	**1.22**

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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, September 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Sep 2008	Sep 2007	Percent Change	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**8.18**	**6.48**	**26.3**	**8.65**	**6.75**	**8.18**	**6.48**
Connecticut	8.25	6.51	26.7	17.06	--	8.24	6.51
Maine	W	W	W	--	--	W	W
Massachusetts	8.11	6.59	23.1	7.69	6.76	8.11	6.59
New Hampshire	W	W	W	11.37	6.29	W	W
Rhode Island	8.31	6.41	29.6	--	--	8.31	6.41
Vermont	8.66	6.43	34.7	8.66	6.43	--	--
Middle Atlantic	**8.64**	**6.56**	**31.7**	**8.54**	**6.37**	**8.66**	**6.60**
New Jersey	9.02	6.58	37.1	8.51	--	9.02	6.58
New York	8.62	6.58	31.0	8.54	6.37	8.66	6.68
Pennsylvania	8.29	6.47	28.1	--	--	8.29	6.47
East North Central	**8.29**	**6.15**	**34.9**	**9.10**	**6.84**	**8.04**	**5.93**
Illinois	8.73	6.18	41.3	7.69	6.21	8.86	6.18
Indiana	7.83	6.50	20.5	9.48	6.49	7.51	6.53
Michigan	8.15	5.77	41.2	9.54	7.06	7.94	5.61
Ohio	8.60	6.62	29.9	8.55	6.60	8.62	6.62
Wisconsin	8.49	6.33	34.1	9.21	7.86	7.49	5.44
West North Central	**W**	**5.62**	**W**	**7.17**	**5.64**	**W**	**5.60**
Iowa	8.61	6.27	37.3	8.61	6.27	--	--
Kansas	6.38	5.32	19.9	6.38	5.32	--	--
Minnesota	W	W	W	8.91	6.28	W	W
Missouri	5.85	W	W	6.25	5.85	4.87	W
Nebraska	7.32	6.89	6.2	7.32	6.89	--	--
North Dakota	8.71	4.48	94.4	8.71	4.48	--	--
South Dakota	8.72	--	--	8.72	--	--	--
South Atlantic	**W**	**8.00**	**W**	**10.23**	**8.34**	**W**	**6.81**
Delaware	W	W	W	--	6.90	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	10.45	8.41	24.3	10.64	8.65	8.84	6.46
Georgia	8.65	6.33	36.7	8.34	6.12	9.02	6.49
Maryland	8.88	6.73	31.9	--	--	8.88	6.73
North Carolina	W	W	W	10.32	7.71	W	W
South Carolina	W	6.31	W	8.41	6.26	W	6.39
Virginia	7.50	7.69	-2.5	8.32	6.84	6.07	8.78
West Virginia	11.63	W	W	8.01	8.12	12.26	W
East South Central	**8.72**	**6.21**	**40.5**	**8.80**	**6.29**	**8.65**	**6.13**
Alabama	8.81	6.24	41.2	8.87	6.30	8.79	6.21
Kentucky	W	W	W	11.50	6.28	W	W
Mississippi	W	6.18	W	8.66	6.29	W	6.04
Tennessee	8.05	W	W	8.05	--	--	W
West South Central	**7.24**	**5.76**	**25.6**	**7.40**	**5.78**	**7.16**	**5.75**
Arkansas	7.29	5.91	23.4	8.63	7.72	7.06	5.82
Louisiana	8.55	6.11	39.9	8.60	6.17	8.44	5.98
Oklahoma	6.62	5.52	19.9	6.52	5.56	6.80	5.45
Texas	7.10	5.75	23.5	7.13	5.70	7.09	5.76
Mountain	**5.77**	**4.58**	**26.0**	**5.52**	**4.63**	**6.03**	**4.54**
Arizona	6.74	5.51	22.3	7.05	5.55	6.55	5.48
Colorado	3.46	2.06	68.0	3.32	1.75	3.55	2.24
Idaho	W	W	W	6.04	--	W	W
Montana	W	W	W	8.47	6.99	W	W
Nevada	6.18	5.32	16.2	5.93	5.40	6.59	5.21
New Mexico	W	W	W	6.47	5.55	W	W
Utah	W	W	W	2.17	3.06	W	W
Wyoming	W	W	W	6.97	3.46	W	W
Pacific	**6.86**	**5.43**	**26.4**	**6.16**	**4.82**	**7.16**	**5.64**
California	7.01	5.56	26.1	6.12	4.97	7.34	5.72
Oregon	6.00	5.23	14.7	6.21	5.10	5.85	5.35
Washington	7.46	5.22	42.9	9.98	4.92	6.92	5.25
Alaska	4.58	3.64	25.8	4.58	3.64	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	**7.80**	**6.18**	**26.2**	**8.15**	**6.58**	**7.56**	**5.92**

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 and 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 September 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	**10.88**	**7.68**	**41.8**	**12.27**	**7.52**	**10.88**	**7.68**
Connecticut	11.25	7.71	45.9	24.37	--	11.24	7.71
Maine	W	W	W	--	--	W	W
Massachusetts	10.87	7.69	41.4	12.07	7.48	10.86	7.69
New Hampshire	W	W	W	12.18	7.90	W	W
Rhode Island	11.03	7.77	42.0	--	--	11.03	7.77
Vermont	10.64	7.53	41.3	10.64	7.53	--	--
Middle Atlantic	**11.24**	**7.73**	**45.4**	**11.28**	**7.89**	**11.23**	**7.69**
New Jersey	11.42	7.73	47.7	10.68	--	11.42	7.73
New York	11.20	7.74	44.7	11.28	7.89	11.16	7.66
Pennsylvania	11.12	7.70	44.4	--	--	11.12	7.70
East North Central	**10.37**	**7.05**	**47.0**	**11.05**	**7.82**	**10.17**	**6.81**
Illinois	11.75	7.11	65.3	14.23	7.02	11.37	7.11
Indiana	10.09	7.44	35.6	10.63	7.52	9.92	7.18
Michigan	10.00	6.56	52.4	11.09	8.04	9.86	6.41
Ohio	10.91	7.84	39.2	11.14	8.25	10.82	7.64
Wisconsin	10.06	7.40	35.9	10.54	7.89	9.54	7.01
West North Central	**9.51**	**6.73**	**41.5**	**9.57**	**6.78**	**9.25**	**6.60**
Iowa	10.16	7.51	35.3	10.16	7.51	--	--
Kansas	9.13	6.15	48.5	9.13	6.15	--	--
Minnesota	W	W	W	9.84	7.61	W	W
Missouri	W	W	W	9.36	7.02	W	W
Nebraska	9.57	9.34	2.5	9.57	9.34	--	--
North Dakota	10.95	7.13	53.6	10.95	7.13	--	--
South Dakota	10.74	--	--	10.74	--	--	--
South Atlantic	**10.71**	**8.62**	**24.3**	**10.59**	**8.99**	**11.21**	**7.42**
Delaware	W	W	W	--	7.93	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	10.51	8.97	17.2	10.50	9.26	10.60	6.80
Georgia	11.21	7.21	55.5	10.70	6.99	11.82	7.39
Maryland	12.44	7.55	64.8	--	--	12.44	7.55
North Carolina	W	W	W	10.95	8.73	W	W
South Carolina	11.57	W	W	10.94	8.01	13.33	W
Virginia	11.24	8.34	34.8	11.34	7.93	11.11	8.80
West Virginia	W	7.59	W	10.86	9.09	W	7.55
East South Central	**10.27**	**7.06**	**45.5**	**10.24**	**6.89**	**10.30**	**7.21**
Alabama	10.32	6.93	48.9	9.95	6.45	10.56	7.25
Kentucky	W	W	W	11.40	7.69	W	W
Mississippi	10.16	7.18	41.5	10.31	7.19	9.97	7.16
Tennessee	W	W	W	10.21	--	W	W
West South Central	**9.64**	**6.68**	**44.4**	**9.65**	**6.81**	**9.64**	**6.63**
Arkansas	9.78	6.86	42.6	10.70	7.01	9.56	6.84
Louisiana	10.75	7.30	47.3	10.65	7.37	10.96	7.17
Oklahoma	9.13	6.51	40.2	8.89	6.58	9.61	6.39
Texas	9.56	6.61	44.6	9.55	6.67	9.56	6.60
Mountain	**8.74**	**5.91**	**47.7**	**8.68**	**6.04**	**8.80**	**5.80**
Arizona	9.39	6.72	39.7	9.70	6.93	9.19	6.57
Colorado	7.57	4.25	78.1	7.60	4.23	7.55	4.27
Idaho	W	W	W	8.90	--	W	W
Montana	W	W	W	10.64	6.78	W	W
Nevada	8.64	5.98	44.5	8.34	5.99	9.07	5.97
New Mexico	W	W	W	9.44	6.57	W	W
Utah	W	W	W	7.14	4.54	W	W
Wyoming	W	W	W	10.10	6.37	W	W
Pacific	**8.71**	**6.23**	**39.9**	**8.13**	**5.68**	**8.96**	**6.42**
California	9.13	6.44	41.8	8.77	6.02	9.26	6.56
Oregon	7.40	5.82	27.1	8.09	6.21	7.03	5.61
Washington	8.58	5.59	53.5	9.19	5.56	8.43	5.59
Alaska	4.14	3.60	15.0	4.14	3.60	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	**9.89**	**7.09**	**39.5**	**9.82**	**7.45**	**9.93**	**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 and 2008 are preliminary. Values for January through July 2007 are revised. • 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, September 2008

(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	**418**	**.7**	**7.1**	**56**	**.1**	**1.8**	**--**	**--**	**--**
Connecticut	48	1.0	11.8	56	.1	1.8	--	--	--
Maine	13	.7	6.3	--	--	--	--	--	--
Massachusetts	299	.5	6.4	--	--	--	--	--	--
New Hampshire	58	1.1	6.9	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	**4,015**	**2.1**	**10.7**	**625**	**.3**	**4.6**	**--**	**--**	**--**
New Jersey	263	1.4	7.3	78	.1	1.9	--	--	--
New York	460	2.1	7.8	372	.3	4.9	--	--	--
Pennsylvania	3,292	2.2	11.4	175	.3	5.2	--	--	--
East North Central	**8,367**	**2.3**	**10.0**	**12,705**	**.3**	**4.9**	**--**	**--**	**--**
Illinois	419	3.2	9.0	5,011	.2	4.9	--	--	--
Indiana	3,474	2.4	9.4	1,840	.2	4.9	--	--	--
Michigan	754	1.2	9.5	2,618	.3	5.0	--	--	--
Ohio	3,413	2.6	10.9	1,193	.3	5.1	--	--	--
Wisconsin	307	1.0	9.2	2,043	.3	5.0	--	--	--
West North Central	**224**	**2.7**	**9.3**	**10,483**	**.3**	**5.4**	**1,916**	**.7**	**10.0**
Iowa	67	2.8	6.4	2,110	.3	5.2	--	--	--
Kansas	11	4.2	15.5	1,700	.4	5.2	--	--	--
Minnesota	13	1.7	10.9	1,637	.4	6.5	--	--	--
Missouri	133	2.5	10.1	3,589	.3	5.1	--	--	--
Nebraska	--	--	--	1,204	.3	5.2	--	--	--
North Dakota	--	--	--	63	.3	5.6	1,916	.7	10.0
South Dakota	--	--	--	180	.3	5.4	--	--	--
South Atlantic	**13,384**	**1.4**	**11.0**	**1,557**	**.3**	**4.5**	**--**	**--**	**--**
Delaware	147	.7	10.8	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	2,039	1.6	9.5	31	.3	4.8	--	--	--
Georgia	2,115	1.1	11.1	1,266	.3	4.5	--	--	--
Maryland	957	1.1	10.6	38	.2	4.6	--	--	--
North Carolina	2,650	1.0	12.1	--	--	--	--	--	--
South Carolina	1,494	1.4	11.0	--	--	--	--	--	--
Virginia	1,216	1.0	10.2	--	--	--	--	--	--
West Virginia	2,766	2.0	11.7	221	.3	5.0	--	--	--
East South Central	**7,571**	**1.8**	**10.4**	**2,239**	**.3**	**5.0**	**293**	**.5**	**15.4**
Alabama	2,070	1.2	10.4	1,177	.3	5.0	--	--	--
Kentucky	3,496	2.4	11.2	187	.2	5.1	--	--	--
Mississippi	463	.6	7.3	95	.2	4.8	293	.5	15.4
Tennessee	1,542	1.8	9.7	780	.3	4.9	--	--	--
West South Central	**9**	**4.6**	**28.6**	**9,751**	**.3**	**5.2**	**3,640**	**1.0**	**16.6**
Arkansas	--	--	--	1,330	.3	5.0	--	--	--
Louisiana	--	--	--	881	.3	4.8	228	.8	11.1
Oklahoma	9	4.6	28.6	1,911	.4	5.5	--	--	--
Texas	--	--	--	5,628	.3	5.1	3,413	1.0	17.0
Mountain	**3,802**	**.6**	**13.8**	**5,980**	**.5**	**8.8**	**28**	**.9**	**14.4**
Arizona	1,147	.6	11.2	894	.6	8.1	--	--	--
Colorado	313	.5	10.8	978	.3	5.9	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	979	.7	9.4	28	.9	14.4
Nevada	248	.4	10.0	110	.4	8.0	--	--	--
New Mexico	783	.9	22.4	517	.7	21.1	--	--	--
Utah	1,310	.6	12.3	--	--	--	--	--	--
Wyoming	--	--	--	2,502	.5	7.4	--	--	--
Pacific Contiguous	**126**	**.5**	**12.0**	**703**	**.3**	**8.1**	**--**	**--**	**--**
California	118	.5	12.4	--	--	--	--	--	--
Oregon	--	--	--	251	.2	4.7	--	--	--
Washington	7	.4	5.3	453	.3	10.0	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**52**	**.3**	**5.6**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	52	.3	5.6	--	--	--
U.S. Total	**37,915**	**1.7**	**10.9**	**44,151**	**.3**	**5.6**	**5,877**	**.9**	**14.4**

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, September 2008

(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	**58**	**1.1**	**6.9**	**--**	**--**	**--**	**--**	**--**	**--**
Connecticut	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--
New Hampshire	58	1.1	6.9	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	**9**	**1.9**	**7.6**	**--**	**--**	**--**	**--**	**--**	**--**
New Jersey	2	1.4	7.3	--	--	--	--	--	--
New York	7	2.1	7.8	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--	--	--
East North Central	**7,414**	**2.3**	**9.9**	**6,665**	**.3**	**5.0**	**--**	**--**	**--**
Illinois	127	3.2	9.0	--	--	--	--	--	--
Indiana	3,305	2.4	9.2	1,678	.2	5.0	--	--	--
Michigan	692	1.2	9.4	2,610	.3	5.0	--	--	--
Ohio	3,010	2.6	10.9	354	.3	5.2	--	--	--
Wisconsin	280	.9	9.3	2,024	.3	5.0	--	--	--
West North Central	**181**	**2.5**	**9.9**	**10,379**	**.3**	**5.4**	**1,916**	**.7**	**10.0**
Iowa	41	2.4	7.0	2,047	.3	5.2	--	--	--
Kansas	11	4.2	15.5	1,700	.4	5.2	--	--	--
Minnesota	13	1.7	10.9	1,596	.4	6.5	--	--	--
Missouri	116	2.5	10.3	3,589	.3	5.1	--	--	--
Nebraska	--	--	--	1,204	.3	5.2	--	--	--
North Dakota	--	--	--	63	.3	5.6	1,916	.7	10.0
South Dakota	--	--	--	180	.3	5.4	--	--	--
South Atlantic	**10,931**	**1.3**	**11.1**	**1,472**	**.3**	**4.5**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	1,806	1.7	9.2	31	.3	4.8	--	--	--
Georgia	2,055	1.1	11.1	1,266	.3	4.5	--	--	--
Maryland	--	--	--	--	--	--	--	--	--
North Carolina	2,485	1.0	12.1	--	--	--	--	--	--
South Carolina	1,453	1.5	11.0	--	--	--	--	--	--
Virginia	966	1.0	10.4	--	--	--	--	--	--
West Virginia	2,166	1.7	11.9	174	.3	5.0	--	--	--
East South Central	**7,062**	**1.8**	**10.5**	**2,239**	**.3**	**5.0**	**--**	**--**	**--**
Alabama	2,054	1.2	10.4	1,177	.3	5.0	--	--	--
Kentucky	3,140	2.4	11.2	187	.2	5.1	--	--	--
Mississippi	463	.6	7.3	95	.2	4.8	--	--	--
Tennessee	1,405	1.8	9.9	780	.3	4.9	--	--	--
West South Central	**--**	**--**	**--**	**6,408**	**.3**	**5.1**	**803**	**1.3**	**18.8**
Arkansas	--	--	--	1,330	.3	5.0	--	--	--
Louisiana	--	--	--	291	.3	5.2	228	.8	11.1
Oklahoma	--	--	--	1,744	.3	5.0	--	--	--
Texas	--	--	--	3,043	.3	5.2	576	1.5	21.9
Mountain	**3,734**	**.6**	**13.9**	**4,878**	**.5**	**8.7**	**28**	**.9**	**14.4**
Arizona	1,147	.6	11.2	862	.6	8.1	--	--	--
Colorado	313	.5	10.8	978	.3	5.9	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	*	.7	9.4	28	.9	14.4
Nevada	248	.4	10.0	110	.4	8.0	--	--	--
New Mexico	783	.9	22.4	517	.7	21.1	--	--	--
Utah	1,242	.6	12.5	--	--	--	--	--	--
Wyoming	--	--	--	2,411	.5	7.4	--	--	--
Pacific Contiguous	**--**	**--**	**--**	**251**	**.2**	**4.7**	**--**	**--**	**--**
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	251	.2	4.7	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	**29,388**	**1.6**	**11.0**	**32,292**	**.3**	**5.7**	**2,747**	**.9**	**12.6**

* = 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, September 2008

(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	**351**	**.6**	**7.1**	**56**	**.1**	**1.8**	**--**	**--**	**--**
Connecticut	48	1.0	11.8	56	.1	1.8	--	--	--
Maine	4	.7	6.4	--	--	--	--	--	--
Massachusetts	299	.5	6.4	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	**3,946**	**2.2**	**10.7**	**589**	**.3**	**4.6**	**--**	**--**	**--**
New Jersey	260	1.4	7.3	78	.1	1.9	--	--	--
New York	434	2.1	7.7	372	.3	4.9	--	--	--
Pennsylvania	3,252	2.2	11.4	139	.3	5.2	--	--	--
East North Central	**673**	**2.1**	**10.3**	**5,941**	**.3**	**4.9**	**--**	**--**	**--**
Illinois	100	3.2	8.9	4,932	.2	4.9	--	--	--
Indiana	168	2.3	11.5	162	.3	4.4	--	--	--
Michigan	25	1.7	9.9	8	.4	5.5	--	--	--
Ohio	378	1.7	10.2	839	.3	5.0	--	--	--
Wisconsin	2	1.0	9.2	--	--	--	--	--	--
West North Central	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	**2,200**	**1.6**	**10.6**	**86**	**.2**	**4.8**	**--**	**--**	**--**
Delaware	147	.7	10.8	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	213	1.0	11.8	--	--	--	--	--	--
Georgia	--	--	--	--	--	--	--	--	--
Maryland	921	1.1	10.2	38	.2	4.6	--	--	--
North Carolina	112	1.0	12.1	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	232	.9	9.9	--	--	--	--	--	--
West Virginia	576	3.3	10.7	47	.3	4.9	--	--	--
East South Central	**356**	**3.3**	**10.8**	**--**	**--**	**--**	**293**	**.5**	**15.4**
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	356	3.3	10.8	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	293	.5	15.4
Tennessee	--	--	--	--	--	--	--	--	--
West South Central	**2**	**4.6**	**28.6**	**3,305**	**.4**	**5.2**	**2,837**	**.9**	**16.0**
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	590	.2	4.7	--	--	--
Oklahoma	2	4.6	28.6	130	1.1	12.4	--	--	--
Texas	--	--	--	2,585	.3	5.0	2,837	.9	16.0
Mountain	**--**	**--**	**--**	**1,070**	**.7**	**9.2**	**--**	**--**	**--**
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	979	.7	9.4	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	91	.5	6.8	--	--	--
Pacific Contiguous	**63**	**.6**	**14.7**	**453**	**.3**	**10.0**	**--**	**--**	**--**
California	63	.6	14.7	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	453	.3	10.0	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**52**	**.3**	**5.6**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	52	.3	5.6	--	--	--
U.S. Total	**7,592**	**2.0**	**10.5**	**11,551**	**.3**	**5.6**	**3,129**	**.9**	**15.9**

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, September 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	**33**	**1.6**	**9.5**	--	--	--	--	--	--
Illinois	8	3.1	9.0	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--
Michigan	25	1.1	9.6	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--
West North Central	**17**	**3.0**	**8.6**	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	17	3.0	8.6	--	--	--	--	--	--
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	**50**	**2.1**	**9.2**	--	--	--	--	--	--

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, September 2008

(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	**9**	**.8**	**6.3**	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	9	.8	6.3	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	**60**	**2.2**	**10.6**	**36**	**.3**	**4.9**	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	20	1.8	8.1	--	--	--	--	--	--
Pennsylvania	40	2.4	11.8	36	.3	4.9	--	--	--
East North Central	**247**	**3.3**	**9.3**	**99**	**.4**	**5.3**	--	--	--
Illinois	184	3.3	8.9	79	.4	5.5	--	--	--
Indiana	--	--	--	--	--	--	--	--	--
Michigan	13	.9	10.4	--	--	--	--	--	--
Ohio	25	4.8	13.6	--	--	--	--	--	--
Wisconsin	25	2.7	7.6	20	.2	4.6	--	--	--
West North Central	**26**	**3.5**	**5.5**	**104**	**.4**	**6.0**	--	--	--
Iowa	26	3.5	5.5	63	.3	5.6	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	41	.4	6.5	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	**253**	**1.2**	**11.8**	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	20	1.6	9.5	--	--	--	--	--	--
Georgia	59	1.0	9.5	--	--	--	--	--	--
Maryland	37	2.2	20.6	--	--	--	--	--	--
North Carolina	54	.9	11.8	--	--	--	--	--	--
South Carolina	40	1.0	9.2	--	--	--	--	--	--
Virginia	18	.8	7.9	--	--	--	--	--	--
West Virginia	24	1.1	13.1	--	--	--	--	--	--
East South Central	**153**	**.8**	**7.2**	--	--	--	--	--	--
Alabama	15	1.0	7.7	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	137	.8	7.2	--	--	--	--	--	--
West South Central	**8**	**4.6**	**28.6**	**37**	**.4**	**5.5**	--	--	--
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--
Oklahoma	8	4.6	28.6	37	.4	5.5	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	**68**	**.3**	**8.3**	**32**	**.6**	**8.1**	--	--	--
Arizona	--	--	--	32	.6	8.1	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	68	.3	8.3	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**63**	**.3**	**9.2**	--	--	--	--	--	--
California	55	.3	9.7	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	7	.4	5.3	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	**885**	**1.7**	**9.7**	**308**	**.4**	**5.8**	--	--	--

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 September 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	125,172	107,699	80,139	724	--	313,735
February	121,440	101,435	77,001	663	--	300,539
March	105,785	103,342	81,385	717	--	291,229
April	90,362	101,429	81,283	602	--	273,677
May	96,368	108,873	85,280	597	--	291,118
June	117,340	117,878	85,514	631	--	321,363
July	138,960	124,611	86,870	638	--	351,079
August	149,978	130,920	90,145	643	--	371,686
September	129,475	120,415	85,675	648	--	336,214
October	103,770	115,095	87,330	617	--	306,812
November	95,892	104,651	83,188	637	--	284,368
December	117,367	106,325	82,019	619	--	306,330
Total	**1,391,911**	**1,342,673**	**1,005,828**	**7,738**	**--**	**3,748,149**
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
Total	**1,069,051**	**1,031,729**	**765,484**	**5,734**	**--**	**2,871,998**
Year to Date						
2006	1,045,549	984,967	765,370	5,545	--	2,801,432
2007	1,074,882	1,016,602	753,291	5,865	--	2,850,639
2008	1,069,051	1,031,729	765,484	5,734	--	2,871,998
Rolling 12 Months Ending in September						
2007	1,380,852	1,331,379	999,219	7,677	--	3,719,126
2008	1,386,080	1,357,800	1,018,022	7,607	--	3,769,508

[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 2006 and prior years are final. • Values for 2007 and 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 September 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	12,565	9,834	4,876	68	--	27,344
February	11,998	9,443	4,761	70	--	26,272
March	10,799	9,685	5,015	73	--	25,572
April	9,620	9,506	5,029	62	--	24,217
May	10,374	10,401	5,285	63	--	26,124
June	12,986	11,809	5,564	68	--	30,428
July	15,368	12,715	5,740	73	--	33,895
August	16,578	13,156	6,161	72	--	35,968
September	14,167	11,902	5,608	69	--	31,746
October	11,214	11,263	5,628	64	--	28,169
November	10,254	10,048	5,178	60	--	25,539
December	12,104	10,002	5,128	62	--	27,296
Total	**148,027**	**129,765**	**63,972**	**805**	--	**342,569**
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
Total	**120,671**	**106,407**	**53,477**	**659**	--	**281,214**
Year to Date						
2006	109,440	93,699	47,382	527	--	251,048
2007	114,455	98,451	48,039	618	--	261,564
2008	120,671	106,407	53,477	659	--	281,214
Rolling 12 Months Ending in September						
2007	145,598	127,667	62,965	793	--	337,023
2008	154,243	137,720	69,410	846	--	362,218

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

NA = Not available. Form EIA-767 data collection was suspended for 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 2006 and prior years are final. • Values for 2007 and 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 September 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	10.04	9.13	6.09	9.44	--	8.72
February	9.88	9.31	6.18	10.56	--	8.74
March	10.21	9.37	6.16	10.21	--	8.78
April	10.65	9.37	6.19	10.34	--	8.85
May	10.77	9.55	6.20	10.49	--	8.97
June	11.07	10.02	6.51	10.69	--	9.47
July	11.06	10.20	6.61	11.42	--	9.65
August	11.05	10.05	6.84	11.16	--	9.68
September	10.94	9.88	6.55	10.67	--	9.44
October	10.81	9.79	6.44	10.46	--	9.18
November	10.69	9.60	6.22	9.46	--	8.98
December	10.31	9.41	6.25	10.06	--	8.91
Total	**10.64**	**9.67**	**6.36**	**10.40**	**--**	**9.14**
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
Total	**11.29**	**10.31**	**6.99**	**11.49**	**--**	**9.79**
Year to Date						
2006	10.47	9.51	6.19	9.50	--	8.96
2007	10.65	9.68	6.38	10.54	--	9.18
2008	11.29	10.31	6.99	11.49	--	9.79
Rolling 12 Months Ending in September						
2007	10.54	9.59	6.30	10.33	--	9.06
2008	11.13	10.14	6.82	11.12	--	9.61

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

NA = Not available. Form EIA-767 data collection was suspended for 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 2007 and 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 2006 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, September 2008 and 2007

(Million Kilowatthours)

Census Division and State	Residential		Commercial[1]		Industrial[1]		Transportation[1]		All Sectors	
	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**3,692**	**3,720**	**5,053**	**4,740**	**2,036**	**1,906**	**41**	**41**	**10,823**	**10,408**
Connecticut	1,038	991	1,429	1,277	481	445	14	15	2,962	2,729
Maine	351	333	358	346	378	263	--	--	1,087	942
Massachusetts	1,586	1,623	2,406	2,264	784	797	27	26	4,803	4,711
New Hampshire	332	352	384	389	177	184	--	--	892	926
Rhode Island	228	254	308	293	83	86	--	--	619	633
Vermont	156	166	170	171	134	130	--	--	460	467
Middle Atlantic	**10,874**	**11,419**	**14,621**	**14,839**	**6,410**	**6,200**	**337**	**359**	**32,243**	**32,818**
New Jersey	2,505	2,633	3,459	3,498	820	799	23	22	6,806	6,954
New York	4,357	4,473	7,092	7,224	1,387	1,381	245	254	13,081	13,332
Pennsylvania	4,013	4,313	4,070	4,117	4,203	4,020	69	83	12,355	12,532
East North Central	**14,222**	**16,181**	**17,862**	**16,143**	**16,441**	**17,979**	**41**	**47**	**48,566**	**50,350**
Illinois	3,401	4,074	6,406	4,556	2,516	3,813	36	42	12,359	12,485
Indiana	2,525	2,994	2,081	2,242	4,057	4,112	1	1	8,664	9,350
Michigan	2,710	2,758	3,421	3,329	2,844	2,963	*	1	8,976	9,050
Ohio	3,890	4,493	3,972	4,054	4,902	4,915	4	3	12,768	13,465
Wisconsin	1,696	1,863	1,981	1,961	2,122	2,176	--	--	5,800	5,999
West North Central	**7,632**	**9,063**	**8,228**	**8,635**	**7,389**	**7,476**	**4**	**3**	**23,252**	**25,178**
Iowa	1,052	1,191	985	952	1,549	1,559	NM	*	3,585	3,702
Kansas	1,027	1,226	1,269	1,376	939	1,006	--	--	3,235	3,608
Minnesota	1,724	1,984	1,882	1,942	1,996	2,010	2	2	5,603	5,938
Missouri	2,615	3,325	2,611	2,909	1,563	1,667	2	2	6,790	7,902
Nebraska	667	765	789	781	841	767	--	--	2,297	2,312
North Dakota	258	258	341	329	303	282	--	--	902	869
South Dakota	290	315	350	345	198	186	--	--	838	846
South Atlantic	**31,193**	**34,012**	**27,760**	**28,004**	**12,722**	**12,941**	**111**	**111**	**71,786**	**75,067**
Delaware	383	432	393	418	252	266	--	--	1,028	1,117
District of Columbia	153	172	788	785	21	22	27	31	989	1,010
Florida	12,019	12,569	8,872	8,967	1,588	1,660	7	8	22,486	23,205
Georgia	5,041	5,521	4,227	4,364	2,755	2,932	16	15	12,039	12,832
Maryland	2,101	2,270	2,605	2,640	466	495	43	41	5,215	5,445
North Carolina	4,713	5,503	4,199	4,310	2,434	2,297	1	*	11,347	12,110
South Carolina	2,604	2,918	1,939	1,967	2,501	2,583	--	--	7,043	7,468
Virginia	3,404	3,787	4,097	3,929	1,519	1,570	16	15	9,037	9,301
West Virginia	775	839	641	624	1,186	1,116	*	*	2,603	2,579
East South Central	**10,613**	**12,599**	**7,783**	**8,203**	**10,957**	**11,343**	*****	*****	**29,354**	**32,145**
Alabama	2,940	3,357	2,077	2,123	2,887	3,126	--	--	7,904	8,606
Kentucky	2,159	2,554	1,713	1,754	3,850	3,794	--	--	7,722	8,101
Mississippi	1,757	2,074	1,238	1,352	1,356	1,398	--	--	4,352	4,824
Tennessee	3,757	4,614	2,755	2,974	2,863	3,026	*	*	9,375	10,614
West South Central	**18,835**	**20,494**	**15,657**	**15,679**	**14,127**	**13,754**	**6**	**6**	**48,626**	**49,932**
Arkansas	1,540	1,863	1,106	1,191	1,429	1,595	--	--	4,075	4,648
Louisiana	3,201	3,238	2,548	2,249	3,106	2,400	*	*	8,855	7,888
Oklahoma	1,801	1,987	1,651	1,603	1,276	1,321	--	--	4,728	4,910
Texas	12,294	13,406	10,352	10,636	8,315	8,438	6	6	30,968	32,485
Mountain	**8,404**	**9,200**	**8,312**	**8,492**	**6,684**	**6,417**	**7**	**7**	**23,407**	**24,115**
Arizona	3,601	4,045	2,922	2,931	1,077	1,002	--	--	7,601	7,977
Colorado	1,400	1,526	1,726	1,786	1,098	1,073	4	3	4,228	4,389
Idaho	513	543	478	486	842	798	--	--	1,833	1,828
Montana	309	295	392	396	440	356	--	--	1,141	1,046
Nevada	1,249	1,317	819	823	1,163	1,187	1	1	3,231	3,328
New Mexico	529	599	770	838	566	583	--	--	1,865	2,020
Utah	645	707	852	878	727	701	2	3	2,226	2,289
Wyoming	158	167	352	354	772	716	--	--	1,282	1,238
Pacific Contiguous	**12,474**	**12,368**	**15,707**	**15,147**	**7,695**	**7,205**	**76**	**74**	**35,953**	**34,795**
California	9,009	8,957	11,898	11,404	4,546	4,453	75	72	25,528	24,887
Oregon	1,270	1,276	1,408	1,363	1,124	1,106	2	1	3,804	3,746
Washington	2,195	2,135	2,402	2,381	2,025	1,646	*	*	6,621	6,162
Pacific Noncontiguous	**402**	**420**	**537**	**533**	**438**	**453**	**--**	**--**	**1,378**	**1,406**
Alaska	148	148	232	227	117	121	--	--	497	495
Hawaii	254	272	305	306	321	332	--	--	880	910
U.S. Total	**118,343**	**129,475**	**121,521**	**120,415**	**84,899**	**85,675**	**625**	**648**	**325,388**	**336,214**

[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 and 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 September 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	**35,663**	**36,101**	**43,168**	**42,508**	**17,141**	**17,220**	**412**	**445**	**96,384**	**96,274**
Connecticut	9,825	10,094	11,789	11,336	3,779	4,081	142	149	25,534	25,661
Maine	3,458	3,298	3,231	3,166	2,907	2,370	--	--	9,596	8,835
Massachusetts	15,103	15,272	20,413	20,267	6,873	7,034	270	296	42,658	42,868
New Hampshire	3,342	3,395	3,462	3,435	1,583	1,639	--	--	8,388	8,469
Rhode Island	2,333	2,389	2,746	2,775	808	876	--	--	5,886	6,041
Vermont	1,603	1,652	1,527	1,529	1,191	1,220	--	--	4,321	4,401
Middle Atlantic	**101,843**	**103,283**	**126,704**	**127,097**	**55,304**	**55,147**	**3,039**	**3,136**	**286,890**	**288,662**
New Jersey	22,667	23,062	30,710	30,886	7,099	7,370	218	223	60,694	61,541
New York	38,199	38,677	60,082	60,310	11,561	11,562	2,169	2,277	112,011	112,825
Pennsylvania	40,977	41,544	35,912	35,900	36,644	36,215	651	636	114,184	114,296
East North Central	**144,016**	**149,711**	**150,791**	**143,765**	**154,329**	**161,134**	**466**	**475**	**449,602**	**455,085**
Illinois	35,206	37,093	48,742	39,945	29,628	35,707	411	419	113,988	113,164
Indiana	25,547	26,637	18,551	19,109	36,905	37,040	15	14	81,018	82,800
Michigan	26,219	27,054	29,820	30,367	24,438	25,222	4	4	80,481	82,647
Ohio	40,447	41,849	35,944	36,583	44,523	44,121	36	37	120,950	122,590
Wisconsin	16,598	17,078	17,734	17,760	18,833	19,044	--	--	53,165	53,883
West North Central	**78,769**	**80,994**	**73,996**	**74,354**	**64,892**	**64,456**	**NM**	**32**	**217,692**	**219,836**
Iowa	10,636	10,920	8,753	8,784	14,210	14,122	NM	*	33,600	33,826
Kansas	10,566	10,883	11,412	11,647	8,132	8,564	--	--	30,110	31,094
Minnesota	16,749	17,417	16,772	16,987	17,491	17,010	16	16	51,028	51,430
Missouri	27,003	28,061	23,522	23,631	13,439	13,771	18	16	63,982	65,479
Nebraska	7,450	7,506	7,069	7,062	7,192	6,828	--	--	21,711	21,396
North Dakota	3,087	2,971	3,286	3,115	2,705	2,570	--	--	9,077	8,656
South Dakota	3,279	3,235	3,183	3,128	1,723	1,591	--	--	8,185	7,954
South Atlantic	**265,978**	**271,360**	**232,875**	**232,354**	**116,250**	**118,129**	**990**	**1,006**	**616,093**	**622,848**
Delaware	3,438	3,528	3,289	3,335	2,237	2,309	--	--	8,964	9,172
District of Columbia	1,488	1,530	6,951	7,025	197	195	237	249	8,874	8,998
Florida	88,892	90,326	70,792	70,232	14,519	14,514	65	73	174,268	175,145
Georgia	43,181	43,893	35,841	35,575	25,607	26,361	138	135	104,767	105,965
Maryland	20,788	21,844	22,697	23,133	4,356	4,441	396	401	48,238	49,819
North Carolina	42,742	43,463	35,462	35,278	21,333	21,777	3	*	99,540	100,518
South Carolina	22,936	23,022	16,445	16,452	22,958	23,359	--	--	62,338	62,833
Virginia	33,865	34,858	35,612	35,458	14,031	14,272	148	145	83,655	84,733
West Virginia	8,648	8,896	5,786	5,867	11,013	10,900	3	3	25,450	25,666
East South Central	**92,845**	**95,812**	**64,627**	**65,331**	**98,869**	**96,843**	**1**	**1**	**256,343**	**257,987**
Alabama	25,236	25,915	17,134	17,143	27,128	27,666	--	--	69,498	70,724
Kentucky	20,785	21,715	14,919	15,217	34,088	32,396	--	--	69,792	69,328
Mississippi	14,425	14,518	10,237	10,167	12,669	12,149	--	--	37,331	36,835
Tennessee	32,399	33,664	22,337	22,804	24,984	24,632	1	1	79,722	81,101
West South Central	**161,115**	**150,462**	**134,222**	**127,454**	**131,878**	**116,937**	**56**	**52**	**427,271**	**394,905**
Arkansas	13,591	13,594	9,035	9,015	13,222	13,530	--	--	35,847	36,140
Louisiana	26,427	22,368	21,339	17,088	27,580	21,011	4	2	75,350	60,469
Oklahoma	17,226	16,920	14,229	14,048	11,319	11,281	--	--	42,774	42,249
Texas	103,871	97,580	89,619	87,302	79,757	71,114	52	50	273,300	256,047
Mountain	**72,989**	**74,076**	**71,621**	**71,394**	**59,872**	**57,999**	**67**	**65**	**204,550**	**203,534**
Arizona	26,446	27,441	23,132	23,014	9,501	9,002	--	--	59,079	59,457
Colorado	13,307	13,363	15,380	15,474	9,923	9,595	36	32	38,646	38,465
Idaho	6,287	6,095	4,589	4,472	7,527	7,580	--	--	18,402	18,146
Montana	3,494	3,388	3,634	3,629	3,484	3,216	--	--	10,612	10,233
Nevada	9,869	10,260	7,136	7,150	10,446	10,378	6	7	27,457	27,795
New Mexico	4,922	4,909	6,706	6,738	5,106	5,227	--	--	16,734	16,874
Utah	6,638	6,698	7,768	7,786	6,856	6,521	25	26	21,287	21,031
Wyoming	2,025	1,923	3,276	3,132	7,030	6,479	--	--	12,332	11,534
Pacific Contiguous	**111,946**	**109,131**	**128,984**	**127,598**	**63,078**	**61,513**	**668**	**653**	**304,675**	**298,895**
California	69,721	68,531	94,341	93,484	37,607	36,947	652	638	202,322	199,600
Oregon	14,870	14,333	12,367	12,225	9,785	9,753	14	14	37,037	36,325
Washington	27,354	26,268	22,276	21,890	15,685	14,812	1	1	65,317	62,970
Pacific Noncontiguous	**3,886**	**3,951**	**4,741**	**4,747**	**3,872**	**3,914**	**--**	**--**	**12,498**	**12,613**
Alaska	1,552	1,555	2,111	2,114	1,011	1,027	--	--	4,674	4,696
Hawaii	2,333	2,396	2,630	2,634	2,861	2,887	--	--	7,824	7,916
U.S. Total	**1,069,051**	**1,074,882**	**1,031,729**	**1,016,602**	**765,484**	**753,291**	**5,734**	**5,865**	**2,871,998**	**2,850,639**

[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 and 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, September 2008 and 2007

(Million Dollars)

Census Division and State	Residential		Commercial[1]		Industrial[1]		Transportation[1]		All Sectors	
	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**669**	**612**	**789**	**709**	**274**	**233**	**5**	**4**	**1,737**	**1,559**
Connecticut	210	183	236	190	69	54	3	2	517	430
Maine	57	51	47	43	42	30	--	--	146	124
Massachusetts	283	264	381	359	115	106	3	2	781	730
New Hampshire	54	52	57	54	24	20	--	--	135	126
Rhode Island	41	39	47	42	11	11	--	--	100	92
Vermont	24	24	22	21	12	12	--	--	58	56
Middle Atlantic	**1,748**	**1,666**	**2,212**	**2,058**	**536**	**500**	**50**	**44**	**4,546**	**4,268**
New Jersey	428	411	552	515	99	95	4	3	1,083	1,024
New York	846	768	1,274	1,165	145	129	40	35	2,306	2,097
Pennsylvania	473	488	386	378	292	276	5	6	1,157	1,147
East North Central	**1,532**	**1,616**	**1,592**	**1,366**	**1,085**	**1,079**	**4**	**3**	**4,212**	**4,064**
Illinois	383	435	541	394	193	257	3	3	1,120	1,089
Indiana	235	252	168	165	239	216	*	*	642	633
Michigan	298	280	323	280	202	186	*	*	823	747
Ohio	415	447	371	352	305	284	*	*	1,092	1,083
Wisconsin	200	202	190	175	145	136	--	--	535	513
West North Central	**701**	**771**	**606**	**595**	**419**	**391**	*****	*****	**1,725**	**1,758**
Iowa	107	115	76	70	82	79	NM	*	265	264
Kansas	97	106	100	97	56	52	--	--	253	255
Minnesota	169	176	147	142	123	114	*	*	438	432
Missouri	218	258	177	187	83	83	*	*	478	528
Nebraska	62	67	57	54	47	38	--	--	165	159
North Dakota	22	21	24	23	17	15	--	--	64	60
South Dakota	26	28	25	24	11	10	--	--	63	61
South Atlantic	**3,529**	**3,529**	**2,711**	**2,435**	**847**	**764**	**15**	**11**	**7,103**	**6,738**
Delaware	56	59	50	47	27	24	*	--	134	131
District of Columbia	21	21	110	100	3	2	5	4	139	127
Florida	1,450	1,418	921	858	140	130	1	1	2,511	2,406
Georgia	538	530	391	343	196	164	1	1	1,125	1,038
Maryland	300	301	366	309	51	49	7	4	725	663
North Carolina	479	528	331	328	144	135	*	*	955	992
South Carolina	270	268	171	155	143	134	--	--	583	558
Virginia	358	346	331	259	93	80	1	1	783	685
West Virginia	57	58	39	36	51	45	*	*	148	139
East South Central	**1,010**	**1,036**	**713**	**649**	**669**	**576**	*****	*****	**2,393**	**2,261**
Alabama	320	311	211	183	196	166	--	--	728	659
Kentucky	169	183	128	117	196	164	--	--	493	464
Mississippi	191	194	130	117	96	84	--	--	417	395
Tennessee	330	349	244	232	181	162	*	*	755	743
West South Central	**2,358**	**2,336**	**1,649**	**1,474**	**1,203**	**974**	**1**	**1**	**5,210**	**4,784**
Arkansas	156	168	90	83	90	88	--	--	336	339
Louisiana	365	299	283	197	284	155	*	*	931	652
Oklahoma	187	193	149	130	83	71	--	--	419	394
Texas	1,650	1,675	1,127	1,065	746	659	1	*	3,524	3,400
Mountain	**871**	**899**	**727**	**672**	**435**	**394**	**1**	**1**	**2,033**	**1,965**
Arizona	382	411	266	254	72	62	--	--	720	727
Colorado	154	139	162	129	80	63	*	*	396	332
Idaho	37	37	28	25	42	36	--	--	108	98
Montana	30	27	36	32	28	22	--	--	94	80
Nevada	141	156	80	83	99	114	*	*	319	354
New Mexico	56	55	69	63	41	33	--	--	166	151
Utah	56	60	63	63	37	36	*	*	156	158
Wyoming	14	14	24	22	35	29	--	--	73	65
Pacific Contiguous	**1,597**	**1,615**	**1,954**	**1,850**	**667**	**623**	**7**	**6**	**4,225**	**4,094**
California	1,315	1,341	1,691	1,596	504	486	6	6	3,516	3,429
Oregon	110	112	102	98	61	58	*	*	274	268
Washington	172	162	161	155	102	79	*	*	435	396
Pacific Noncontiguous	**119**	**87**	**133**	**93**	**113**	**75**	**--**	**--**	**365**	**255**
Alaska	25	23	31	28	16	14	--	--	72	65
Hawaii	94	64	102	65	97	61	--	--	293	190
U.S. Total	**14,133**	**14,167**	**13,087**	**11,902**	**6,249**	**5,608**	**82**	**69**	**33,550**	**31,746**

[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 and 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 September 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	**6,187**	**5,991**	**6,667**	**6,286**	**2,277**	**2,136**	**51**	**39**	**15,182**	**14,452**
Connecticut	1,888	1,898	1,879	1,746	523	521	20	21	4,310	4,186
Maine	552	498	420	419	347	245	--	--	1,318	1,162
Massachusetts	2,595	2,525	3,269	3,104	979	948	30	18	6,873	6,596
New Hampshire	517	505	489	477	207	208	--	--	1,213	1,189
Rhode Island	402	332	419	353	115	108	--	--	936	792
Vermont	234	233	191	187	107	107	--	--	532	527
Middle Atlantic	**15,442**	**14,513**	**18,190**	**16,773**	**4,680**	**4,474**	**393**	**387**	**38,706**	**36,147**
New Jersey	3,632	3,365	4,588	4,130	910	824	37	27	9,167	8,347
New York	7,124	6,595	10,228	9,335	1,195	1,152	306	309	18,853	17,391
Pennsylvania	4,687	4,552	3,374	3,308	2,575	2,498	50	50	10,687	10,409
East North Central	**14,802**	**14,615**	**13,423**	**12,391**	**9,698**	**9,364**	**36**	**35**	**37,958**	**36,404**
Illinois	3,772	3,830	4,284	3,600	2,048	2,148	30	29	10,134	9,608
Indiana	2,212	2,147	1,414	1,368	2,002	1,843	1	1	5,629	5,359
Michigan	2,847	2,796	2,805	2,727	1,679	1,645	*	*	7,332	7,168
Ohio	4,079	4,012	3,290	3,161	2,744	2,550	4	4	10,116	9,727
Wisconsin	1,891	1,830	1,630	1,535	1,225	1,178	--	--	4,746	4,543
West North Central	**6,838**	**6,729**	**5,308**	**5,097**	**3,506**	**3,328**	**2**	**2**	**15,654**	**15,157**
Iowa	1,021	1,027	636	631	699	686	NM	*	2,356	2,344
Kansas	970	915	883	817	474	447	--	--	2,327	2,179
Minnesota	1,603	1,571	1,318	1,269	1,049	984	1	1	3,972	3,826
Missouri	2,158	2,166	1,568	1,523	673	672	1	1	4,400	4,362
Nebraska	586	576	466	449	370	325	--	--	1,422	1,350
North Dakota	231	216	221	202	150	134	--	--	601	553
South Dakota	269	258	216	204	91	81	--	--	576	544
South Atlantic	**28,330**	**27,075**	**21,580**	**20,054**	**7,236**	**6,653**	**112**	**94**	**57,258**	**53,875**
Delaware	474	462	394	374	231	201	*	--	1,099	1,037
District of Columbia	187	170	955	862	23	20	35	29	1,199	1,080
Florida	10,265	10,104	7,084	6,797	1,189	1,124	6	7	18,545	18,031
Georgia	4,372	4,040	3,283	2,881	1,716	1,467	10	9	9,382	8,396
Maryland	2,827	2,506	2,879	2,667	457	411	49	40	6,212	5,624
North Carolina	4,110	4,043	2,698	2,607	1,181	1,176	*	*	7,989	7,826
South Carolina	2,279	2,110	1,393	1,275	1,218	1,128	--	--	4,890	4,513
Virginia	3,212	3,058	2,547	2,256	765	706	11	10	6,535	6,029
West Virginia	603	582	347	336	457	420	*	*	1,407	1,338
East South Central	**8,357**	**7,890**	**5,644**	**5,207**	**5,548**	**4,964**	*****	*****	**19,550**	**18,062**
Alabama	2,559	2,397	1,646	1,493	1,605	1,462	--	--	5,811	5,352
Kentucky	1,588	1,543	1,059	1,007	1,629	1,471	--	--	4,275	4,021
Mississippi	1,486	1,363	1,018	907	809	710	--	--	3,313	2,980
Tennessee	2,724	2,587	1,922	1,800	1,505	1,322	*	*	6,150	5,710
West South Central	**19,075**	**16,917**	**13,751**	**11,942**	**10,848**	**8,298**	**5**	**4**	**43,679**	**37,162**
Arkansas	1,285	1,187	697	620	790	704	--	--	2,771	2,512
Louisiana	2,774	2,102	2,185	1,567	2,219	1,435	*	*	7,178	5,104
Oklahoma	1,619	1,451	1,165	1,027	684	604	--	--	3,468	3,082
Texas	13,397	12,176	9,704	8,728	7,155	5,555	4	4	30,261	26,463
Mountain	**7,224**	**6,919**	**6,025**	**5,517**	**3,692**	**3,333**	**6**	**5**	**16,946**	**15,773**
Arizona	2,735	2,668	2,071	1,898	636	549	--	--	5,443	5,114
Colorado	1,351	1,228	1,341	1,167	658	569	3	2	3,354	2,966
Idaho	435	384	259	228	343	299	--	--	1,037	911
Montana	320	296	308	289	225	181	--	--	853	767
Nevada	1,170	1,199	723	718	865	878	1	1	2,758	2,795
New Mexico	492	441	580	510	330	289	--	--	1,402	1,240
Utah	556	554	526	514	321	302	2	2	1,404	1,373
Wyoming	164	149	217	194	314	265	--	--	695	607
Pacific Contiguous	**13,407**	**13,019**	**14,762**	**14,380**	**5,102**	**4,861**	**54**	**51**	**33,325**	**32,311**
California	10,072	9,997	12,330	12,084	3,866	3,684	53	50	26,322	25,815
Oregon	1,269	1,147	934	875	487	484	1	1	2,691	2,507
Washington	2,065	1,875	1,498	1,421	749	693	*	*	4,313	3,989
Pacific Noncontiguous	**1,010**	**789**	**1,056**	**804**	**890**	**628**	**--**	**--**	**2,956**	**2,221**
Alaska	254	233	277	251	146	123	--	--	676	607
Hawaii	756	555	780	554	744	505	--	--	2,280	1,614
U.S. Total	**120,671**	**114,455**	**106,407**	**98,451**	**53,477**	**48,039**	**659**	**618**	**281,214**	**261,564**

[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 and 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, September 2008 and 2007

(Cents per Kilowatthour)

Census Division and State	Residential		Commercial[1]		Industrial[1]		Transportation[1]		All Sectors	
	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007	Sep 2008	Sep 2007
New England	**18.12**	**16.46**	**15.61**	**14.96**	**13.45**	**12.23**	**12.33**	**8.85**	**16.05**	**14.98**
Connecticut	20.24	18.50	16.51	14.90	14.30	12.13	17.98	13.94	17.47	15.75
Maine	16.21	15.23	13.19	12.50	11.15	11.49	--	--	13.46	13.18
Massachusetts	17.85	16.24	15.83	15.86	14.66	13.28	9.44	5.92	16.27	15.50
New Hampshire	16.26	14.67	14.81	13.91	13.80	11.10	--	--	15.15	13.64
Rhode Island	18.13	15.47	15.17	14.23	13.74	12.84	--	--	16.07	14.54
Vermont	15.12	14.28	12.77	12.19	9.12	8.87	--	--	12.51	12.01
Middle Atlantic	**16.07**	**14.59**	**15.13**	**13.87**	**8.36**	**8.06**	**14.82**	**12.21**	**14.10**	**13.00**
New Jersey	17.10	15.61	15.95	14.71	12.08	11.88	19.10	13.05	15.92	14.72
New York	19.42	17.16	17.97	16.13	10.48	9.33	16.36	13.92	17.63	15.73
Pennsylvania	11.80	11.31	9.48	9.17	6.94	6.86	7.94	6.72	9.36	9.15
East North Central	**10.77**	**9.99**	**8.91**	**8.46**	**6.60**	**6.00**	**8.90**	**7.04**	**8.67**	**8.07**
Illinois	11.27	10.68	8.44	8.64	7.67	6.75	8.45	6.62	9.06	8.72
Indiana	9.30	8.40	8.07	7.38	5.90	5.25	10.29	10.89	7.41	6.77
Michigan	11.01	10.16	9.43	8.43	7.11	6.27	12.30	9.09	9.17	8.25
Ohio	10.68	9.95	9.33	8.67	6.23	5.78	12.42	11.20	8.55	8.04
Wisconsin	11.78	10.84	9.58	8.92	6.84	6.25	--	--	9.22	8.55
West North Central	**9.18**	**8.51**	**7.36**	**6.90**	**5.67**	**5.23**	**7.64**	**8.67**	**7.42**	**6.98**
Iowa	10.21	9.68	7.73	7.35	5.27	5.07	NM	8.16	7.40	7.14
Kansas	9.43	8.63	7.87	7.04	5.96	5.19	--	--	7.81	7.06
Minnesota	9.79	8.87	7.80	7.30	6.15	5.66	7.91	9.00	7.82	7.27
Missouri	8.34	7.77	6.76	6.42	5.32	4.98	7.34	8.38	7.04	6.69
Nebraska	9.24	8.75	7.20	6.85	5.58	4.99	--	--	7.20	6.86
North Dakota	8.47	8.24	7.11	6.95	5.76	5.49	--	--	7.04	6.86
South Dakota	9.10	8.74	7.19	6.86	5.51	5.23	--	--	7.46	7.20
South Atlantic	**11.31**	**10.38**	**9.77**	**8.70**	**6.66**	**5.90**	**13.86**	**9.80**	**9.90**	**8.98**
Delaware	14.68	13.68	12.81	11.29	10.86	9.12	--	--	13.03	11.70
District of Columbia	13.52	12.22	13.93	12.73	14.33	10.20	18.83	11.50	14.01	12.55
Florida	12.06	11.28	10.38	9.57	8.79	7.82	10.64	9.64	11.17	10.37
Georgia	10.67	9.59	9.24	7.86	7.10	5.59	7.62	6.83	9.35	8.09
Maryland	14.29	13.26	14.06	11.71	11.04	9.86	15.72	10.82	13.90	12.18
North Carolina	10.17	9.60	7.90	7.62	5.91	5.88	6.61	--	8.41	8.19
South Carolina	10.36	9.20	8.83	7.88	5.70	5.20	--	--	8.28	7.47
Virginia	10.52	9.13	8.07	6.58	6.11	5.10	8.67	6.83	8.67	7.37
West Virginia	7.41	6.88	6.13	5.81	4.34	4.05	5.58	5.32	5.69	5.40
East South Central	**9.52**	**8.22**	**9.17**	**7.91**	**6.11**	**5.08**	**14.04**	**8.55**	**8.15**	**7.04**
Alabama	10.89	9.25	10.18	8.60	6.80	5.32	--	--	9.21	7.66
Kentucky	7.82	7.16	7.47	6.66	5.10	4.33	--	--	6.39	5.73
Mississippi	10.86	9.35	10.50	8.69	7.07	6.00	--	--	9.58	8.19
Tennessee	8.79	7.56	8.86	7.80	6.32	5.35	14.04	8.55	8.06	7.00
West South Central	**12.52**	**11.40**	**10.53**	**9.40**	**8.52**	**7.08**	**9.01**	**8.59**	**10.72**	**9.58**
Arkansas	10.17	9.02	8.10	6.97	6.27	5.51	--	--	8.24	7.29
Louisiana	11.40	9.25	11.10	8.75	9.13	6.47	14.13	11.75	10.52	8.26
Oklahoma	10.36	9.72	9.04	8.11	6.54	5.37	--	--	8.87	8.03
Texas	13.42	12.50	10.89	10.01	8.98	7.82	8.61	8.37	11.38	10.47
Mountain	**10.36**	**9.77**	**8.75**	**7.92**	**6.50**	**6.14**	**9.35**	**7.56**	**8.69**	**8.15**
Arizona	10.61	10.16	9.10	8.68	6.70	6.19	--	--	9.48	9.12
Colorado	11.01	9.10	9.36	7.23	7.31	5.90	9.94	6.84	9.37	7.55
Idaho	7.30	6.78	5.89	5.24	5.03	4.48	--	--	5.89	5.36
Montana	9.74	9.15	9.06	7.97	6.45	6.06	--	--	8.24	7.65
Nevada	11.29	11.88	9.72	10.13	8.50	9.57	9.50	10.13	9.89	10.62
New Mexico	10.54	9.20	8.99	7.55	7.24	5.62	--	--	8.90	7.48
Utah	8.71	8.43	7.40	7.13	5.08	5.07	8.38	7.80	7.03	6.91
Wyoming	8.84	8.26	6.89	6.29	4.50	4.08	--	--	5.69	5.28
Pacific Contiguous	**12.80**	**13.06**	**12.44**	**12.21**	**8.67**	**8.64**	**8.55**	**8.34**	**11.75**	**11.77**
California	14.59	14.97	14.21	13.99	11.09	10.92	8.59	8.37	13.77	13.78
Oregon	8.69	8.78	7.27	7.23	5.43	5.24	6.70	6.79	7.20	7.17
Washington	7.82	7.61	6.69	6.52	5.05	4.78	5.76	5.65	6.56	6.43
Pacific Noncontiguous	**29.52**	**20.65**	**24.83**	**17.47**	**25.86**	**16.52**	**--**	**--**	**26.53**	**18.12**
Alaska	16.80	15.39	13.44	12.17	13.72	11.86	--	--	14.51	13.05
Hawaii	36.94	23.51	33.48	21.40	30.30	18.21	--	--	33.32	20.87
U.S. Total	**11.94**	**10.94**	**10.77**	**9.88**	**7.36**	**6.55**	**13.16**	**10.67**	**10.31**	**9.44**

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

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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 September 2008 and 2007

(Cents per Kilowatthour)

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	**17.35**	**16.59**	**15.44**	**14.79**	**13.28**	**12.41**	**12.30**	**8.80**	**15.75**	**15.01**
Connecticut	19.21	18.81	15.94	15.40	13.83	12.75	14.22	14.16	16.88	16.31
Maine	15.96	15.10	13.00	13.22	11.93	10.35	--	--	13.74	13.15
Massachusetts	17.18	16.54	16.01	15.32	14.24	13.48	11.29	6.09	16.11	15.39
New Hampshire	15.48	14.86	14.12	13.90	13.05	12.66	--	--	14.46	14.04
Rhode Island	17.24	13.88	15.25	12.71	14.21	12.28	--	--	15.89	13.11
Vermont	14.57	14.09	12.50	12.25	9.01	8.76	--	--	12.31	11.97
Middle Atlantic	**15.16**	**14.05**	**14.36**	**13.20**	**8.46**	**8.11**	**12.93**	**12.35**	**13.49**	**12.52**
New Jersey	16.02	14.59	14.94	13.37	12.82	11.18	17.06	12.24	15.10	13.56
New York	18.65	17.05	17.02	15.48	10.34	9.96	14.11	13.59	16.83	15.41
Pennsylvania	11.44	10.96	9.40	9.22	7.03	6.90	7.63	7.94	9.36	9.11
East North Central	**10.28**	**9.76**	**8.90**	**8.62**	**6.28**	**5.81**	**7.69**	**7.29**	**8.44**	**8.00**
Illinois	10.71	10.33	8.79	9.01	NM	6.02	7.33	6.94	8.89	8.49
Indiana	8.66	8.06	7.62	7.16	5.42	4.98	9.53	10.09	6.95	6.47
Michigan	10.86	10.34	9.41	8.98	6.87	6.52	12.27	10.62	9.11	8.67
Ohio	10.09	9.59	9.15	8.64	6.16	5.78	10.60	9.86	8.36	7.94
Wisconsin	11.39	10.72	9.19	8.64	6.50	6.18	--	--	8.93	8.43
West North Central	**8.68**	**8.31**	**7.17**	**6.86**	**5.40**	**5.16**	**6.84**	**7.21**	**7.19**	**6.90**
Iowa	9.60	9.41	7.26	7.19	4.92	4.86	NM	8.55	7.01	6.93
Kansas	9.18	8.41	7.74	7.01	NM	5.22	--	--	7.73	7.01
Minnesota	9.57	9.02	7.86	7.47	6.00	5.78	8.10	8.13	7.78	7.44
Missouri	7.99	7.72	6.67	6.45	5.00	4.88	5.67	6.21	6.88	6.66
Nebraska	7.87	7.67	6.59	6.36	5.14	4.76	--	--	6.55	6.31
North Dakota	7.48	7.27	6.72	6.49	5.54	5.23	--	--	6.63	6.38
South Dakota	8.19	7.99	6.79	6.53	5.30	5.07	--	--	7.04	6.83
South Atlantic	**10.65**	**9.98**	**9.27**	**8.63**	**6.23**	**5.63**	**11.31**	**9.35**	**9.29**	**8.65**
Delaware	13.80	13.10	11.98	11.21	10.31	8.72	--	--	12.26	11.31
District of Columbia	12.54	11.11	13.74	12.27	11.52	10.16	14.67	11.48	13.51	12.00
Florida	11.55	11.19	10.01	9.68	8.19	7.74	9.99	9.76	10.64	10.30
Georgia	10.13	9.20	9.16	8.10	6.70	5.56	7.29	6.65	8.96	7.92
Maryland	13.60	11.47	12.68	11.53	10.50	9.26	12.35	9.88	12.88	11.29
North Carolina	9.62	9.30	7.61	7.39	5.54	5.40	6.46	--	8.03	7.79
South Carolina	9.94	9.17	8.47	7.75	5.30	4.83	--	--	7.84	7.18
Virginia	9.49	8.77	7.15	6.36	5.45	4.95	7.52	6.62	7.81	7.12
West Virginia	6.98	6.55	5.99	5.72	4.15	3.86	6.38	6.51	5.53	5.22
East South Central	**9.00**	**8.24**	**8.73**	**7.97**	**5.61**	**5.13**	**9.76**	**9.87**	**7.63**	**7.00**
Alabama	10.14	9.25	9.61	8.71	5.92	5.28	--	--	8.36	7.57
Kentucky	7.64	7.11	7.10	6.62	4.78	4.54	--	--	6.13	5.80
Mississippi	10.30	9.39	9.94	8.93	6.39	5.84	--	--	8.88	8.09
Tennessee	8.41	7.68	8.60	7.89	6.02	5.37	9.76	9.87	7.72	7.04
West South Central	**11.84**	**11.24**	**10.25**	**9.37**	**8.23**	**7.10**	**8.75**	**8.63**	**10.22**	**9.41**
Arkansas	9.45	8.73	7.72	6.88	5.97	5.21	--	--	7.73	6.95
Louisiana	10.50	9.40	10.24	9.17	8.05	6.83	12.35	13.77	9.53	8.44
Oklahoma	9.40	8.58	8.19	7.31	6.04	5.35	--	--	8.11	7.30
Texas	12.90	12.48	10.83	10.00	8.97	7.81	8.49	8.41	11.07	10.34
Mountain	**9.90**	**9.34**	**8.41**	**7.73**	**6.17**	**5.75**	**8.35**	**7.53**	**8.29**	**7.75**
Arizona	10.34	9.72	8.95	8.25	6.70	6.10	--	--	9.21	8.60
Colorado	10.16	9.19	8.72	7.54	6.63	5.93	8.44	7.12	8.68	7.71
Idaho	6.93	6.29	5.64	5.09	4.56	3.95	--	--	5.64	5.02
Montana	9.15	8.75	8.47	7.98	6.46	5.63	--	--	8.03	7.49
Nevada	11.86	11.69	10.14	10.04	8.28	8.46	9.71	10.11	10.05	10.06
New Mexico	10.00	8.99	8.65	7.57	6.46	5.52	--	--	8.38	7.35
Utah	8.38	8.28	6.77	6.60	4.68	4.64	7.87	7.39	6.60	6.53
Wyoming	8.09	7.73	6.63	6.18	4.47	4.09	--	--	5.64	5.27
Pacific Contiguous	**11.98**	**11.93**	**11.45**	**11.27**	**8.09**	**7.90**	**8.12**	**7.83**	**10.94**	**10.81**
California	14.45	14.59	13.07	12.93	10.28	9.97	8.15	7.86	13.01	12.93
Oregon	8.54	8.00	7.55	7.16	4.97	4.97	6.77	6.67	7.27	6.90
Washington	7.55	7.14	6.73	6.49	4.78	4.68	5.90	5.67	6.60	6.33
Pacific Noncontiguous	**25.98**	**19.96**	**22.28**	**16.94**	**22.98**	**16.05**	**--**	**--**	**23.65**	**17.61**
Alaska	16.34	15.01	13.11	11.86	14.41	11.95	--	--	14.47	12.92
Hawaii	32.40	23.17	29.64	21.02	26.01	17.51	--	--	29.14	20.39
U.S. Total	**11.29**	**10.65**	**10.31**	**9.68**	**6.99**	**6.38**	**11.49**	**10.54**	**9.79**	**9.18**

[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 and 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, September 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**	**18**	**--**	**4**	**--**	**0**	**41**	**6**	**0**	**7**	**7**
Connecticut	0	82	--	16	--	0	204	14	0	7	12
Maine	0	61	--	8	--	--	51	4	--	30	18
Massachusetts	48	17	--	7	--	0	118	13	0	7	12
New Hampshire	0	138	--	4	--	0	80	27	--	42	8
Rhode Island	--	1,279	--	5	--	--	1,905	33	--	--	15
Vermont	--	1,462	--	0	--	0	122	35	--	--	50
Middle Atlantic	**8**	**19**	**170**	**5**	**50**	**0**	**13**	**6**	**0**	**6**	**4**
New Jersey	22	195	--	8	221	0	774	9	0	9	9
New York	30	16	27	7	--	0	13	10	0	12	8
Pennsylvania	8	53	320	9	28	0	92	10	0	6	5
East North Central	**3**	**31**	**21**	**13**	**31**	**0**	**64**	**8**	**0**	**24**	**5**
Illinois	6	96	301	30	173	0	241	13	--	19	8
Indiana	7	54	--	29	32	--	110	36	--	40	11
Michigan	8	47	0	22	0	0	119	12	0	26	8
Ohio	3	41	42	22	127	0	141	21	--	0	3
Wisconsin	9	159	0	29	--	0	112	15	--	45	12
West North Central	**4**	**72**	**0**	**35**	**267**	**0**	**23**	**7**	**0**	**23**	**8**
Iowa	12	118	0	56	--	0	157	23	--	167	14
Kansas	0	169	0	122	--	0	1,448	*	--	--	34
Minnesota	16	273	0	43	--	0	204	8	--	26	15
Missouri	5	168	--	26	0	0	7	54	0	0	6
Nebraska	15	130	--	66	--	0	247	45	--	--	13
North Dakota	13	246	--	4,619	275	--	0	51	--	--	13
South Dakota	38	2,310	--	441	--	--	28	38	--	0	68
South Atlantic	**2**	**5**	**0**	**5**	**0**	**0**	**27**	**27**	**0**	**10**	**5**
Delaware	16	22	0	21	0	--	--	2	--	0	10
District of Columbia	--	0	--	--	--	--	--	--	--	--	0
Florida	5	4	0	6	0	0	323	46	--	7	8
Georgia	1	85	0	7	--	0	46	52	0	58	9
Maryland	11	68	--	25	0	0	28	8	--	6	6
North Carolina	6	50	--	30	--	0	45	72	0	100	18
South Carolina	12	72	0	31	0	0	89	5	0	41	19
Virginia	10	27	--	10	--	0	66	33	0	19	11
West Virginia	4	19	0	63	0	--	113	0	--	0	5
East South Central	**2**	**40**	**0**	**12**	**87**	**0**	**27**	**39**	**0**	**82**	**9**
Alabama	3	119	--	25	79	0	40	55	--	91	21
Kentucky	4	91	0	36	0	--	52	14	--	0	4
Mississippi	3	26	--	8	517	0	--	57	--	138	11
Tennessee	2	30	--	33	0	0	42	18	0	0	4
West South Central	**1**	**21**	**24**	**6**	**54**	**0**	**17**	**55**	**0**	**34**	**7**
Arkansas	1	113	57	95	--	0	22	40	0	45	55
Louisiana	1	8	31	15	130	0	0	83	--	48	21
Oklahoma	4	229	--	11	1,202	--	24	184	0	0	13
Texas	0	181	34	7	42	0	119	124	--	16	7
Mountain	**4**	**83**	**0**	**5**	**123**	**0**	**9**	**9**	**0**	**96**	**4**
Arizona	3	193	--	3	--	0	2	90	0	--	3
Colorado	14	292	--	16	0	--	25	77	0	75	14
Idaho	131	16,720	--	34	--	--	7	9	--	59	30
Montana	28	68	0	478	0	--	23	44	--	--	33
Nevada	0	188	--	10	0	--	2	6	--	--	9
New Mexico	*	191	--	42	--	--	79	108	--	--	17
Utah	10	244	--	24	594	--	43	59	--	83	11
Wyoming	9	172	--	91	102	--	157	14	--	71	10
Pacific Contiguous	**5**	**47**	**115**	**6**	**39**	**0**	**2**	**27**	**0**	**29**	**7**
California	39	35	115	7	44	0	7	45	0	28	12
Oregon	0	345	--	5	0	--	3	13	--	153	5
Washington	0	221	--	19	0	0	1	6	0	40	10
Pacific Noncontiguous	**105**	**11**	**--**	**23**	**685**	**--**	**20**	**22**	**--**	**20**	**14**
Alaska	43	49	--	23	--	--	20	99	--	0	23
Hawaii	144	11	--	0	685	--	98	22	--	20	16

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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.

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 September 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**	**22**	**--**	**4**	**--**	**0**	**15**	**6**	**0**	**6**	**6**
Connecticut	0	35	--	14	--	0	85	13	0	7	11
Maine	0	54	--	9	--	--	21	6	--	20	14
Massachusetts	42	16	--	6	--	0	44	11	0	7	12
New Hampshire	0	41	--	4	--	0	19	23	--	43	5
Rhode Island	--	668	--	5	--	--	764	38	--	--	13
Vermont	--	545	--	0	--	0	51	42	--	--	40
Middle Atlantic	**14**	**16**	**157**	**3**	**21**	**0**	**6**	**6**	**0**	**5**	**3**
New Jersey	20	145	--	13	131	0	286	11	0	9	11
New York	34	9	36	6	--	0	6	9	0	9	7
Pennsylvania	13	63	274	8	11	0	41	10	0	5	6
East North Central	**4**	**17**	**19**	**7**	**16**	**0**	**26**	**7**	**0**	**16**	**3**
Illinois	8	51	202	22	65	0	122	16	--	46	8
Indiana	3	13	--	22	18	--	38	27	--	26	7
Michigan	9	23	0	14	0	0	48	10	0	17	9
Ohio	3	17	35	12	41	0	55	20	--	0	3
Wisconsin	9	99	0	21	--	0	44	15	--	38	11
West North Central	**5**	**47**	**0**	**14**	**90**	**0**	**10**	**9**	**0**	**21**	**5**
Iowa	13	149	0	27	--	0	71	26	--	171	12
Kansas	0	67	0	47	--	0	590	1	--	--	15
Minnesota	17	171	0	30	--	0	80	10	--	23	15
Missouri	4	94	--	15	0	0	10	44	0	0	5
Nebraska	12	84	--	14	--	0	81	45	--	--	9
North Dakota	13	79	--	5,151	91	--	0	33	--	--	13
South Dakota	33	1,142	--	91	--	--	9	63	--	0	39
South Atlantic	**3**	**5**	**0**	**4**	**0**	**0**	**11**	**24**	**0**	**7**	**4**
Delaware	11	28	0	17	0	--	--	7	--	0	10
District of Columbia	--	0	--	--	--	--	--	--	--	--	0
Florida	5	5	0	5	0	0	130	42	--	6	5
Georgia	1	30	0	4	--	0	20	52	0	36	6
Maryland	11	32	--	35	0	0	18	7	--	4	10
North Carolina	7	31	--	16	--	0	17	66	0	63	10
South Carolina	8	24	0	18	0	0	37	2	0	23	9
Virginia	10	8	--	7	--	0	28	31	0	11	7
West Virginia	5	6	0	60	0	--	52	0	--	0	5
East South Central	**3**	**29**	**0**	**9**	**67**	**0**	**8**	**38**	**0**	**60**	**7**
Alabama	8	61	--	14	57	0	13	56	--	52	14
Kentucky	3	39	0	19	0	--	21	11	--	0	3
Mississippi	3	37	--	10	442	0	--	55	--	121	11
Tennessee	2	13	--	34	0	0	12	20	0	0	3
West South Central	**1**	**55**	**20**	**5**	**48**	**0**	**7**	**48**	**0**	**21**	**5**
Arkansas	1	27	44	14	--	0	7	39	0	23	10
Louisiana	1	23	30	12	114	0	0	84	--	28	14
Oklahoma	4	149	--	6	567	--	12	157	0	0	7
Texas	0	87	21	5	35	0	38	99	--	10	4
Mountain	**4**	**53**	**0**	**5**	**78**	**0**	**5**	**9**	**0**	**63**	**4**
Arizona	3	77	--	3	--	0	3	82	0	--	3
Colorado	9	253	--	15	0	--	45	45	0	75	12
Idaho	128	4,467	--	33	--	--	8	11	--	35	33
Montana	29	69	0	456	0	--	9	44	--	--	32
Nevada	0	168	--	14	0	--	3	5	--	--	12
New Mexico	*	75	--	34	--	--	136	62	--	--	15
Utah	8	189	--	20	466	--	71	33	--	56	11
Wyoming	9	51	--	96	27	--	59	19	--	43	11
Pacific Contiguous	**4**	**49**	**110**	**6**	**41**	**0**	**3**	**20**	**0**	**18**	**7**
California	32	51	110	8	47	0	8	33	0	17	10
Oregon	0	372	--	5	0	--	5	13	--	94	6
Washington	0	67	--	7	0	0	2	6	0	41	4
Pacific Noncontiguous	**32**	**7**	**--**	**21**	**542**	**--**	**32**	**14**	**--**	**2**	**11**
Alaska	44	31	--	21	--	--	34	223	--	0	24
Hawaii	35	7	--	0	542	--	108	13	--	2	7

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Table A2.A. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, September 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**	**160**	--	**151**	--	--	**108**	**0**	--	--	**28**
Connecticut	--	4,681	--	0	--	--	688	0	--	--	798
Maine	--	10,679	--	--	--	--	--	--	--	--	10,679
Massachusetts	--	182	--	175	--	--	195	--	--	--	258
New Hampshire	0	133	--	0	--	--	93	0	--	--	8
Rhode Island	--	738	--	--	--	--	--	--	--	--	738
Vermont	--	1,462	--	0	--	--	207	0	--	--	140
Middle Atlantic	**1,691**	**16**	--	**15**	--	--	**7**	--	**0**	--	**16**
New Jersey	1,142	845	--	896	--	--	--	--	0	--	545
New York	1,806	13	--	15	--	--	7	--	0	--	15
Pennsylvania	--	1,635	--	857	--	--	104	--	--	--	603
East North Central	**4**	**33**	**7**	**33**	**0**	**0**	**69**	**14**	**0**	**5**	**5**
Illinois	126	1,184	320	136	--	--	511	160	--	--	102
Indiana	8	60	--	119	--	--	110	31	--	--	9
Michigan	8	48	0	74	0	0	127	--	0	0	9
Ohio	4	32	--	51	0	--	141	105	--	--	5
Wisconsin	9	157	0	47	--	--	121	9	--	11	14
West North Central	**4**	**71**	**0**	**44**	**0**	**0**	**23**	**11**	**0**	**23**	**9**
Iowa	12	112	0	56	--	--	158	53	--	167	15
Kansas	0	169	0	124	--	0	--	1	--	--	34
Minnesota	15	277	0	83	--	0	222	24	--	28	17
Missouri	5	167	--	34	0	0	7	52	0	0	6
Nebraska	15	130	--	66	--	0	247	38	--	--	13
North Dakota	13	237	--	8,764	--	--	0	172	--	--	13
South Dakota	38	2,310	--	441	--	--	28	73	--	0	69
South Atlantic	**2**	**3**	**0**	**3**	--	**0**	**29**	**13**	**0**	**0**	**2**
Delaware	--	27,107	--	819	--	--	--	--	--	--	858
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	3	3	0	4	--	0	323	10	--	--	3
Georgia	0	91	--	10	--	0	47	--	0	--	4
Maryland	--	920	--	0	--	--	--	--	--	--	920
North Carolina	0	47	--	42	--	0	43	--	0	--	13
South Carolina	12	95	0	21	--	0	89	29	0	--	12
Virginia	2	61	--	0	--	0	63	0	0	--	2
West Virginia	4	19	--	0	--	--	201	0	--	0	5
East South Central	**2**	**12**	--	**23**	**0**	**0**	**27**	**43**	**0**	**0**	**10**
Alabama	2	20	--	77	--	0	40	--	--	--	29
Kentucky	4	51	--	17	0	--	52	43	--	0	4
Mississippi	3	8	--	10	--	0	--	--	--	--	7
Tennessee	0	29	--	0	--	0	42	302	0	--	2
West South Central	**0**	**4**	**0**	**7**	--	**0**	**18**	**1**	**0**	**12**	**5**
Arkansas	0	321	--	147	--	0	22	--	0	--	30
Louisiana	0	2	0	11	--	0	--	--	--	--	8
Oklahoma	0	150	--	8	--	--	24	0	0	--	6
Texas	0	1,125	0	13	--	--	119	154	--	12	9
Mountain	**4**	**91**	--	**6**	**0**	**0**	**8**	**48**	**0**	--	**4**
Arizona	0	120	--	4	--	0	2	78	0	--	2
Colorado	14	311	--	25	0	--	25	68	0	--	14
Idaho	--	16,693	--	499	--	--	7	--	--	--	319
Montana	451	6,887	--	1,722	--	--	25	--	--	--	364
Nevada	0	189	--	6	--	--	2	--	--	--	5
New Mexico	*	179	--	37	--	--	79	--	--	--	13
Utah	9	265	--	13	--	--	44	0	--	--	6
Wyoming	7	82	--	564	--	--	157	94	--	--	10
Pacific Contiguous	**0**	**760**	--	**14**	**0**	**0**	**2**	**6**	**0**	**0**	**12**
California	--	41	--	18	0	0	7	9	0	0	30
Oregon	0	0	--	1	0	--	3	31	--	--	2
Washington	--	3,247	--	47	--	0	1	8	0	--	36
Pacific Noncontiguous	**5**	**11**	--	**23**	--	--	**20**	**174**	--	**0**	**14**
Alaska	5	48	--	23	--	--	20	179	--	0	24
Hawaii	--	11	--	0	--	--	265	0	--	--	11

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(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**	**28**	--	**96**	--	--	**45**	**0**	--	--	**11**
Connecticut	--	1,471	--	0	--	--	292	0	--	--	881
Maine	--	3,153	--	--	--	--	--	--	--	--	3,153
Massachusetts	--	234	--	118	--	--	94	--	--	--	140
New Hampshire	0	9	--	0	--	--	35	0	--	--	3
Rhode Island	--	400	--	--	--	--	--	--	--	--	400
Vermont	--	545	--	0	--	--	81	0	--	--	77
Middle Atlantic	**214**	**7**	--	**12**	--	--	**3**	--	**0**	--	**14**
New Jersey	909	414	--	790	--	--	--	--	0	--	549
New York	203	5	--	12	--	--	3	--	0	--	14
Pennsylvania	--	837	--	640	--	--	49	--	--	--	419
East North Central	**4**	**18**	**5**	**22**	**0**	**0**	**27**	**14**	**0**	*	**4**
Illinois	129	497	216	115	--	--	223	219	--	--	98
Indiana	3	11	--	70	--	--	38	35	--	--	6
Michigan	8	24	0	50	0	0	51	--	0	0	9
Ohio	5	14	--	45	0	--	55	167	--	--	5
Wisconsin	8	117	0	38	--	--	47	9	--	1	13
West North Central	**5**	**45**	**0**	**16**	**0**	**0**	**10**	**19**	**0**	**25**	**5**
Iowa	13	147	0	27	--	--	71	81	--	171	13
Kansas	0	67	0	45	--	0	--	4	--	--	14
Minnesota	15	169	0	58	--	0	86	30	--	30	18
Missouri	4	93	--	19	0	0	10	86	0	0	6
Nebraska	12	84	--	14	--	0	81	50	--	--	9
North Dakota	13	70	--	10,906	--	--	0	273	--	--	13
South Dakota	33	1,142	--	91	--	--	9	230	--	0	39
South Atlantic	**1**	**3**	**0**	**2**	--	**0**	**12**	**4**	**0**	**0**	**2**
Delaware	--	5,040	--	598	--	--	--	--	--	--	628
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2	2	0	2	--	0	130	12	--	--	2
Georgia	0	13	--	5	--	0	20	--	0	--	2
Maryland	--	414	--	0	--	--	--	--	--	--	414
North Carolina	0	17	--	18	--	0	16	--	0	--	5
South Carolina	8	27	0	13	--	0	38	8	0	--	7
Virginia	2	3	--	0	--	0	28	0	0	--	1
West Virginia	4	6	--	0	--	--	88	0	--	0	4
East South Central	**3**	**19**	--	**18**	**0**	**0**	**8**	**49**	**0**	**0**	**9**
Alabama	8	74	--	38	--	0	13	--	--	--	18
Kentucky	3	26	--	12	0	--	21	49	--	0	3
Mississippi	3	4	--	14	--	0	--	--	--	--	12
Tennessee	0	10	--	0	--	0	12	538	0	--	1
West South Central	**0**	**7**	**0**	**4**	--	**0**	**7**	**4**	**0**	**11**	**3**
Arkansas	0	3	--	37	--	0	7	--	0	--	9
Louisiana	0	3	0	7	--	0	--	--	--	--	5
Oklahoma	0	48	--	4	--	--	12	0	0	--	2
Texas	0	63	0	6	--	--	38	412	--	11	4
Mountain	**3**	**38**	--	**6**	**0**	**0**	**5**	**65**	**0**	--	**4**
Arizona	0	24	--	3	--	0	3	91	0	--	2
Colorado	9	216	--	22	0	--	46	65	0	--	12
Idaho	--	4,402	--	209	--	--	9	--	--	--	146
Montana	426	2,739	--	1,280	--	--	9	--	--	--	379
Nevada	0	169	--	14	--	--	3	--	--	--	11
New Mexico	*	69	--	24	--	--	136	--	--	--	11
Utah	7	180	--	8	--	--	72	0	--	--	5
Wyoming	7	25	--	662	--	--	59	149	--	--	10
Pacific Contiguous	**0**	**1,095**	--	**11**	**0**	**0**	**3**	**7**	**0**	**0**	**10**
California	--	18	--	13	0	0	8	12	0	0	19
Oregon	0	0	--	1	0	--	5	42	--	--	4
Washington	--	1,805	--	29	--	0	2	7	0	--	23
Pacific Noncontiguous	**6**	**6**	--	**21**	--	--	**34**	**275**	--	**0**	**12**
Alaska	6	30	--	21	--	--	34	283	--	0	25
Hawaii	--	6	--	0	--	--	350	0	--	--	7

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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 A3.A. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, September 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	**35**	**11**	**--**	**3**	**--**	**0**	**49**	**9**	**0**	**5**	**7**
Connecticut	0	72	--	14	--	0	213	14	0	7	11
Maine	0	186	--	1	--	--	62	4	--	16	16
Massachusetts	48	9	--	6	--	0	141	13	0	7	12
New Hampshire	--	215	--	0	--	0	109	44	--	42	13
Rhode Island	--	3,748	--	4	--	--	1,905	33	--	--	39
Vermont	--	0	--	--	--	0	151	99	--	--	72
Middle Atlantic	**8**	**34**	**88**	**4**	**633**	**0**	**58**	**7**	**0**	**4**	**4**
New Jersey	20	198	--	6	0	0	774	9	--	9	6
New York	31	42	27	8	--	0	66	12	--	7	11
Pennsylvania	8	48	1,363	7	633	0	118	8	0	7	5
East North Central	**3**	**52**	**0**	**12**	**26**	**0**	**209**	**11**	**--**	**54**	**4**
Illinois	4	31	--	23	0	0	199	13	--	69	5
Indiana	5	8,313	--	29	424	--	--	--	--	0	19
Michigan	123	1,210	0	22	0	0	381	18	--	55	17
Ohio	0	302	0	19	0	0	--	100	--	--	1
Wisconsin	1,361	1,513	--	*	--	0	863	22	--	--	37
West North Central	**0**	**2,254**	**--**	**20**	**--**	**0**	**569**	**9**	**--**	**34**	**15**
Iowa	--	2,312	--	11,174	--	0	1,564	24	--	--	88
Kansas	--	--	--	--	--	--	1,448	0	--	--	11
Minnesota	0	25,725	--	0	--	--	666	9	--	34	8
Missouri	--	--	--	37	--	--	--	0	--	--	36
Nebraska	--	--	--	1,594	--	--	--	360	--	--	577
North Dakota	--	--	--	--	--	--	--	4	--	--	4
South Dakota	--	--	--	--	--	--	--	42	--	--	42
South Atlantic	**10**	**43**	**0**	**19**	**0**	**0**	**76**	**11**	**--**	**5**	**13**
Delaware	14	239	--	19	--	--	--	2	--	--	10
District of Columbia	--	0	--	--	--	--	--	--	--	--	0
Florida	57	407	--	49	0	--	--	5	--	6	44
Georgia	--	5,596	--	5	--	--	3,029	101	--	0	13
Maryland	12	61	--	24	0	0	28	2	--	0	6
North Carolina	130	2,470	--	4	--	--	263	79	--	106	56
South Carolina	--	0	--	105	--	--	708	--	--	--	112
Virginia	48	66	--	26	--	--	538	8	--	0	26
West Virginia	9	0	0	19	--	--	88	0	--	0	10
East South Central	**10**	**679**	**0**	**2**	**--**	**--**	**0**	**7**	**--**	**56**	**4**
Alabama	0	1,881	--	4	--	--	--	0	--	145	13
Kentucky	16	686	0	0	--	--	0	--	--	--	11
Mississippi	0	--	--	0	--	--	--	--	--	60	*
Tennessee	--	--	--	0	--	--	--	54	--	--	54
West South Central	**0**	**123**	**0**	**7**	**0**	**0**	**40**	**16**	**--**	**0**	**5**
Arkansas	--	0	--	111	--	--	0	97	--	--	111
Louisiana	0	0	--	9	0	--	0	44	--	--	4
Oklahoma	0	0	--	17	--	--	--	11	--	--	16
Texas	0	187	0	5	0	0	659	17	--	0	4
Mountain	**29**	**160**	**0**	**8**	**0**	**--**	**36**	**26**	**--**	**300**	**15**
Arizona	--	--	--	3	--	--	--	--	--	--	3
Colorado	153	964	--	21	--	--	101	78	--	--	61
Idaho	--	--	--	18	--	--	22	22	--	--	18
Montana	26	30	0	752	0	--	46	6	--	--	31
Nevada	--	0	--	22	0	--	--	6	--	--	21
New Mexico	--	2,166	--	207	--	--	--	108	--	--	305
Utah	317	368	--	333	--	--	404	192	--	300	295
Wyoming	184	7,389	--	1,702	--	--	--	14	--	--	176
Pacific Contiguous	**6**	**119**	**118**	**5**	**210**	**--**	**30**	**6**	**--**	**25**	**6**
California	49	153	118	6	801	--	36	6	--	18	9
Oregon	--	--	--	4	--	--	64	28	--	153	5
Washington	0	*	--	21	0	--	93	8	--	40	12
Pacific Noncontiguous	**135**	**31**	**--**	**--**	**--**	**--**	**250**	**34**	**--**	**135**	**59**
Alaska	114	--	--	--	--	--	--	--	--	--	114
Hawaii	144	31	--	--	--	--	250	34	--	135	64

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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 September 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**	**9**	**--**	**3**	**--**	**0**	**17**	**7**	**0**	**5**	**6**
Connecticut	0	27	--	12	--	0	89	13	0	7	10
Maine	0	24	--	1	--	--	25	4	--	17	9
Massachusetts	42	7	--	6	--	0	45	11	0	7	12
New Hampshire	--	121	--	0	--	0	22	35	--	43	9
Rhode Island	--	1,895	--	4	--	--	764	38	--	--	34
Vermont	--	0	--	--	--	0	65	78	--	--	53
Middle Atlantic	**12**	**30**	**68**	**4**	**188**	**0**	**24**	**6**	**0**	**4**	**4**
New Jersey	17	143	--	12	0	0	286	11	--	9	10
New York	27	19	36	7	--	0	27	11	--	7	9
Pennsylvania	12	58	472	6	188	0	50	9	0	6	6
East North Central	**3**	**23**	**0**	**8**	**8**	**0**	**107**	**11**	**--**	**43**	**4**
Illinois	4	23	--	15	0	0	114	16	--	149	5
Indiana	6	3,699	--	22	140	--	--	--	--	0	18
Michigan	105	2,217	0	14	0	0	185	14	--	37	15
Ohio	*	51	0	8	0	0	--	96	--	--	1
Wisconsin	1,084	128	--	*	--	0	350	28	--	--	39
West North Central	**0**	**687**	**--**	**13**	**--**	**0**	**222**	**12**	**--**	**35**	**11**
Iowa	--	735	--	6,991	--	0	645	36	--	--	77
Kansas	--	--	--	--	--	--	590	0	--	--	7
Minnesota	0	7,168	--	0	--	--	254	13	--	35	6
Missouri	--	--	--	22	--	--	--	0	--	--	22
Nebraska	--	--	--	1,322	--	--	--	203	--	--	433
North Dakota	--	--	--	--	--	--	--	7	--	--	7
South Dakota	--	--	--	--	--	--	--	65	--	--	65
South Atlantic	**12**	**22**	**0**	**14**	**0**	**0**	**35**	**9**	**--**	**5**	**10**
Delaware	9	106	--	17	--	--	--	7	--	--	10
District of Columbia	--	0	--	--	--	--	--	--	--	--	0
Florida	48	65	--	38	0	--	--	5	--	6	29
Georgia	--	1,250	--	3	--	--	555	115	--	0	8
Maryland	11	26	--	36	0	0	18	2	--	0	10
North Carolina	143	1,407	--	3	--	--	98	59	--	81	56
South Carolina	--	0	--	43	--	--	219	--	--	--	44
Virginia	48	43	--	9	--	--	216	9	--	0	16
West Virginia	8	0	0	24	--	--	45	0	--	0	9
East South Central	**8**	**118**	**0**	**1**	**--**	**--**	**0**	**8**	**--**	**59**	**3**
Alabama	0	21	--	2	--	--	--	0	--	145	15
Kentucky	14	121	0	0	--	--	0	--	--	--	9
Mississippi	0	--	--	0	--	--	--	--	--	61	*
Tennessee	--	--	--	0	--	--	--	77	--	--	72
West South Central	**0**	**20**	**0**	**2**	**0**	**0**	**11**	**17**	**--**	**0**	**2**
Arkansas	--	0	--	12	--	--	0	65	--	--	12
Louisiana	0	0	--	1	0	--	0	50	--	--	*
Oklahoma	0	0	--	9	--	--	--	11	--	--	9
Texas	0	24	0	2	0	0	283	20	--	0	2
Mountain	**29**	**161**	**0**	**8**	**0**	**--**	**16**	**15**	**--**	**177**	**15**
Arizona	--	--	--	4	--	--	--	--	--	--	4
Colorado	144	1,478	--	19	--	--	174	45	--	--	55
Idaho	--	--	--	16	--	--	29	33	--	--	19
Montana	25	39	0	673	0	--	19	7	--	--	31
Nevada	--	0	--	22	0	--	--	5	--	--	22
New Mexico	--	1,512	--	225	--	--	--	62	--	--	268
Utah	255	273	--	228	--	--	596	107	--	177	223
Wyoming	174	2,752	--	749	--	--	--	19	--	--	169
Pacific Contiguous	**5**	**52**	**112**	**6**	**98**	**--**	**45**	**5**	**--**	**19**	**6**
California	41	95	112	7	740	--	55	5	--	17	9
Oregon	--	--	--	4	--	--	84	26	--	94	5
Washington	0	*	--	9	0	--	153	9	--	41	7
Pacific Noncontiguous	**38**	**20**	**--**	**--**	**--**	**--**	**216**	**21**	**--**	**26**	**23**
Alaska	111	--	--	--	--	--	--	--	--	--	111
Hawaii	35	20	--	--	--	--	216	21	--	26	22

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Table A4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, September 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	--	**568**	--	**47**	--	--	**0**	**61**	--	**111**	**44**
Connecticut	--	5,529	--	306	--	--	--	--	--	--	359
Maine	--	1,628	--	1,611	--	--	--	71	--	111	122
Massachusetts	--	759	--	37	--	--	0	103	--	--	45
New Hampshire	--	413	--	--	--	--	--	--	--	--	413
Rhode Island	--	443	--	253	--	--	--	--	--	--	230
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**141**	**159**	--	**58**	--	--	**0**	**31**	--	**49**	**41**
New Jersey	--	2,584	--	189	--	--	--	0	--	--	236
New York	0	156	--	44	--	--	0	60	--	95	40
Pennsylvania	299	737	--	158	--	--	--	0	--	0	92
East North Central	**40**	**306**	--	**50**	--	--	**0**	**24**	--	**33**	**31**
Illinois	0	1,312	--	38	--	--	--	348	--	--	35
Indiana	68	3,339	--	552	--	--	--	96	--	154	60
Michigan	0	302	--	235	--	--	--	13	--	14	9
Ohio	344	--	--	0	--	--	--	--	--	--	344
Wisconsin	926	6,144	--	240	--	--	0	196	--	372	164
West North Central	**73**	**1,359**	**0**	**200**	--	--	--	**84**	--	**152**	**65**
Iowa	102	8,732	0	657	--	--	--	106	--	--	96
Kansas	--	374	--	0	--	--	--	--	--	--	374
Minnesota	--	1,330	--	227	--	--	--	175	--	191	173
Missouri	28	7,953	--	0	--	--	--	--	--	0	37
Nebraska	--	--	--	0	--	--	--	221	--	--	226
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**31**	**669**	--	**339**	**0**	--	**0**	**28**	--	**43**	**47**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	45,615	--	357	--	--	--	123	--	--	879
Georgia	--	883	--	--	--	--	--	--	--	--	883
Maryland	--	10,206	--	2,405	0	--	--	92	--	83	180
North Carolina	0	3,763	--	0	--	--	0	--	--	--	7
South Carolina	--	1,262	--	3,188	--	--	0	93	--	144	201
Virginia	228	0	--	--	--	--	--	26	--	42	183
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**618**	--	--	**228**	--	--	--	--	--	--	**586**
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	1,114	--	--	--	--	--	--	1,114
Tennessee	618	--	--	229	--	--	--	--	--	--	586
West South Central	--	**963**	--	**73**	--	--	--	**116**	--	--	**160**
Arkansas	--	--	--	3,378	--	--	--	343	--	--	588
Louisiana	--	--	--	422	--	--	--	--	--	--	422
Oklahoma	--	2,764	--	433	--	--	--	--	--	--	574
Texas	--	1,044	--	67	--	--	--	122	--	--	181
Mountain	--	**52**	--	**161**	**0**	--	--	**201**	--	--	**205**
Arizona	--	529	--	362	--	--	--	349	--	--	867
Colorado	--	0	--	0	--	--	--	--	--	--	0
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	456	--	--	--	--	--	--	456
Utah	--	--	--	674	0	--	--	98	--	--	522
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	**1,579**	--	**55**	**633**	--	**0**	**40**	--	**0**	**64**
California	--	1,675	--	58	633	--	0	40	--	0	149
Oregon	--	30	--	700	--	--	--	--	--	--	730
Washington	--	14,592	--	351	--	--	0	--	--	--	204
Pacific Noncontiguous	**70**	**582**	--	**0**	--	--	--	**0**	--	**0**	**36**
Alaska	70	913	--	0	--	--	--	0	--	--	71
Hawaii	--	0	--	--	--	--	--	0	--	0	0

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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 A4.B. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, Year-to-Date through September 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	--	**295**	--	**40**	--	--	**0**	**34**	--	**68**	**34**
Connecticut	--	2,705	--	254	--	--	--	--	--	--	296
Maine	--	876	--	1,320	--	--	--	40	--	68	83
Massachusetts	--	388	--	31	--	--	0	59	--	--	36
New Hampshire	--	217	--	--	--	--	--	--	--	--	217
Rhode Island	--	229	--	211	--	--	--	--	--	--	190
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**157**	**69**	--	**49**	--	--	**0**	**18**	--	**31**	**34**
New Jersey	--	1,360	--	158	--	--	--	0	--	--	195
New York	0	66	--	37	--	--	0	33	--	58	31
Pennsylvania	302	364	--	131	--	--	--	0	--	0	79
East North Central	**49**	**109**	--	**44**	--	--	**0**	**16**	--	**22**	**36**
Illinois	0	1,384	--	33	--	--	--	226	--	--	29
Indiana	82	1,217	--	477	--	--	--	54	--	90	66
Michigan	0	127	--	770	--	--	--	11	--	10	7
Ohio	525	--	--	0	--	--	--	--	--	--	525
Wisconsin	1,158	3,131	--	195	--	--	0	134	--	244	162
West North Central	**88**	**537**	**0**	**154**	--	--	--	**47**	--	**97**	**72**
Iowa	118	1,785	0	575	--	--	--	59	--	--	110
Kansas	--	241	--	0	--	--	--	--	--	--	241
Minnesota	--	566	--	189	--	--	--	98	--	125	137
Missouri	24	2,364	--	0	--	--	--	--	--	0	33
Nebraska	--	--	--	13,601	--	--	--	128	--	--	136
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**33**	**544**	--	**391**	**0**	--	**0**	**18**	--	**27**	**50**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	11,258	--	418	--	--	--	70	--	--	723
Georgia	--	479	--	--	--	--	--	--	--	--	479
Maryland	--	3,194	--	1,503	0	--	--	71	--	57	138
North Carolina	0	845	--	0	--	--	0	--	--	--	1
South Carolina	--	875	--	3,839	--	--	0	52	--	88	148
Virginia	206	0	--	--	--	--	--	15	--	26	161
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**826**	--	--	**221**	--	--	--	--	--	--	**795**
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	1,391	--	--	--	--	--	--	1,391
Tennessee	826	--	--	189	--	--	--	--	--	--	780
West South Central	--	**672**	--	**102**	--	--	--	**67**	--	--	**155**
Arkansas	--	--	--	3,486	--	--	--	196	--	--	641
Louisiana	--	--	--	494	--	--	--	--	--	--	494
Oklahoma	--	1,618	--	485	--	--	--	--	--	--	577
Texas	--	725	--	97	--	--	--	71	--	--	167
Mountain	--	**23**	--	**321**	**0**	--	--	**119**	--	--	**321**
Arizona	--	260	--	447	--	--	--	196	--	--	679
Colorado	--	0	--	0	--	--	--	--	--	--	0
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	586	--	--	--	--	--	--	586
Utah	--	--	--	833	0	--	--	147	--	--	647
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	**1,000**	--	**71**	**633**	--	**0**	**22**	--	**0**	**71**
California	--	1,073	--	75	633	--	0	22	--	0	110
Oregon	--	71	--	565	--	--	--	--	--	--	636
Washington	--	5,347	--	292	--	--	0	--	--	--	195
Pacific Noncontiguous	**73**	**289**	--	**0**	--	--	--	**0**	--	**0**	**37**
Alaska	73	454	--	0	--	--	--	0	--	--	72
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, September 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	**155**	**81**	**--**	**46**	**--**	**--**	**7**	**6**	**--**	**31**	**30**
Connecticut	--	289	--	123	--	--	--	--	--	143	118
Maine	0	60	--	32	--	--	7	6	--	0	22
Massachusetts	281	319	--	295	--	--	0	--	--	0	244
New Hampshire	--	371	--	181	--	--	757	169	--	--	160
Rhode Island	--	0	--	--	--	--	--	--	--	--	0
Vermont	--	--	--	--	--	--	176	58	--	--	139
Middle Atlantic	**78**	**267**	**330**	**82**	**49**	**--**	**27**	**23**	**--**	**215**	**32**
New Jersey	--	2,262	--	135	221	--	--	319	--	215	134
New York	0	17	--	84	--	--	27	0	--	--	24
Pennsylvania	122	473	330	123	27	--	--	36	--	--	36
East North Central	**41**	**146**	**71**	**80**	**35**	**--**	**50**	**14**	**--**	**13**	**25**
Illinois	60	5,941	20	179	183	--	--	0	--	0	82
Indiana	150	264	--	83	31	--	--	56	--	0	226
Michigan	73	223	0	110	--	--	113	21	--	31	46
Ohio	161	437	574	303	131	--	--	20	--	0	58
Wisconsin	35	310	0	225	--	--	56	22	--	0	92
West North Central	**70**	**4,358**	**--**	**195**	**275**	**--**	**60**	**16**	**--**	**82**	**53**
Iowa	38	18,079	--	0	--	--	--	0	--	--	37
Kansas	--	--	--	382	--	--	--	--	--	--	382
Minnesota	178	5,655	--	218	--	--	60	17	--	82	81
Missouri	157	43	--	850	--	--	--	199	--	--	145
Nebraska	170	--	--	--	--	--	--	--	--	--	170
North Dakota	103	1,030	--	571	275	--	--	46	--	--	121
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**46**	**40**	**0**	**81**	**0**	**--**	**13**	**32**	**--**	**23**	**48**
Delaware	116	17	0	223	0	--	--	--	--	0	24
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	260	192	--	78	0	--	--	70	--	8	80
Georgia	74	103	0	128	--	--	152	52	--	58	91
Maryland	0	315	--	203	--	--	--	0	--	--	36
North Carolina	145	113	--	546	--	--	0	80	--	33	142
South Carolina	44	0	--	0	0	--	--	0	--	0	16
Virginia	59	102	--	136	--	--	340	45	--	--	50
West Virginia	55	--	--	650	0	--	0	0	--	--	52
East South Central	**45**	**246**	**--**	**140**	**90**	**--**	**0**	**40**	**--**	**128**	**113**
Alabama	181	263	--	145	79	--	--	57	--	98	139
Kentucky	--	--	--	141	--	--	--	12	--	--	52
Mississippi	143	1,001	--	571	517	--	--	57	--	216	587
Tennessee	35	180	--	205	0	--	0	19	--	0	22
West South Central	**164**	**186**	**205**	**21**	**104**	**--**	**--**	**57**	**--**	**38**	**39**
Arkansas	117	131	57	59	--	--	--	40	--	45	56
Louisiana	183	121	343	32	276	--	--	84	--	48	65
Oklahoma	193	272	--	383	1,202	--	--	201	--	0	311
Texas	0	210	187	27	76	--	--	140	--	22	49
Mountain	**64**	**1,143**	**--**	**92**	**130**	**--**	**--**	**19**	**--**	**24**	**51**
Arizona	243	1,830	--	1,663	--	--	--	--	--	--	261
Colorado	--	27,152	--	514	--	--	--	--	--	75	385
Idaho	131	27	--	25	--	--	--	0	--	59	32
Montana	--	11	--	291	--	--	--	93	--	--	119
Nevada	--	--	--	284	--	--	--	--	--	--	284
New Mexico	--	8,156	--	1,667	--	--	--	--	--	--	1,897
Utah	0	--	--	198	594	--	--	--	--	0	22
Wyoming	73	1,259	--	67	102	--	--	--	--	71	58
Pacific Contiguous	**44**	**55**	**232**	**30**	**46**	**--**	**604**	**71**	**--**	**37**	**46**
California	46	434	232	32	46	--	--	450	--	37	54
Oregon	--	874	--	80	--	--	--	18	--	--	60
Washington	0	213	--	0	--	--	604	14	--	--	13
Pacific Noncontiguous	**--**	**148**	**--**	**275**	**685**	**--**	**96**	**129**	**--**	**--**	**142**
Alaska	--	304	--	275	--	--	--	112	--	--	202
Hawaii	--	152	--	--	685	--	96	151	--	--	149

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 September 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	**217**	**61**	**--**	**46**	**--**	**--**	**7**	**12**	**--**	**17**	**33**
Connecticut	--	152	--	102	--	--	--	--	--	82	97
Maine	0	60	--	31	--	--	7	12	--	0	25
Massachusetts	345	173	--	293	--	--	0	--	--	0	249
New Hampshire	--	199	--	150	--	--	758	200	--	--	132
Rhode Island	--	0	--	--	--	--	--	--	--	--	0
Vermont	--	--	--	--	--	--	198	203	--	--	184
Middle Atlantic	**79**	**98**	**306**	**84**	**21**	**--**	**21**	**21**	**--**	**215**	**56**
New Jersey	--	1,116	--	135	131	--	--	175	--	215	119
New York	0	11	--	75	--	--	21	0	--	--	21
Pennsylvania	171	265	306	125	11	--	--	31	--	--	79
East North Central	**46**	**68**	**62**	**87**	**19**	**--**	**50**	**12**	**--**	**7**	**48**
Illinois	98	7,402	16	170	86	--	--	0	--	0	117
Indiana	1,321	195	--	95	18	--	--	83	--	0	733
Michigan	86	104	0	107	--	--	105	18	--	31	53
Ohio	268	204	479	230	50	--	--	18	--	0	59
Wisconsin	36	172	0	377	--	--	57	21	--	54	122
West North Central	**64**	**2,288**	**--**	**211**	**91**	**--**	**74**	**17**	**--**	**49**	**59**
Iowa	47	3,640	--	0	--	--	--	0	--	--	47
Kansas	--	--	--	323	--	--	--	--	--	--	323
Minnesota	157	2,872	--	227	--	--	74	18	--	49	93
Missouri	189	34	--	741	--	--	--	112	--	--	172
Nebraska	17,079	--	--	--	--	--	--	--	--	--	17,079
North Dakota	571	542	--	491	91	--	--	82	--	--	135
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**49**	**27**	**0**	**57**	**0**	**--**	**13**	**31**	**--**	**15**	**29**
Delaware	113	17	0	21	0	--	--	--	--	0	24
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	249	118	--	82	0	--	--	71	--	4	60
Georgia	43	42	0	75	--	--	147	52	--	36	48
Maryland	0	172	--	155	--	--	--	0	--	--	30
North Carolina	171	48	--	503	--	--	0	77	--	20	96
South Carolina	84	0	--	0	0	--	--	0	--	0	24
Virginia	71	44	--	215	--	--	410	46	--	--	50
West Virginia	62	--	--	547	0	--	0	0	--	--	60
East South Central	**48**	**90**	**--**	**87**	**68**	**--**	**0**	**39**	**--**	**89**	**65**
Alabama	167	94	--	98	57	--	--	58	--	54	88
Kentucky	--	--	--	118	--	--	--	9	--	--	37
Mississippi	136	599	--	296	442	--	--	55	--	186	277
Tennessee	46	231	--	135	0	--	0	21	--	0	27
West South Central	**169**	**115**	**174**	**18**	**92**	**--**	**--**	**57**	**--**	**22**	**28**
Arkansas	106	93	44	89	--	--	--	40	--	23	50
Louisiana	220	115	296	24	233	--	--	85	--	28	42
Oklahoma	202	171	--	237	567	--	--	217	--	0	183
Texas	0	149	156	21	64	--	--	146	--	12	33
Mountain	**57**	**817**	**--**	**146**	**80**	**--**	**--**	**15**	**--**	**14**	**78**
Arizona	189	1,284	--	1,471	--	--	--	--	--	--	216
Colorado	--	2,754	--	627	--	--	--	--	--	75	2,607
Idaho	128	64	--	113	--	--	--	0	--	35	31
Montana	--	9	--	248	--	--	--	84	--	--	103
Nevada	--	--	--	339	--	--	--	--	--	--	339
New Mexico	--	1,936	--	1,749	--	--	--	--	--	--	1,862
Utah	0	--	--	326	466	--	--	--	--	0	29
Wyoming	68	606	--	52	27	--	--	--	--	43	47
Pacific Contiguous	**42**	**72**	**226**	**36**	**49**	**--**	**669**	**71**	**--**	**14**	**40**
California	44	214	226	38	49	--	--	396	--	14	47
Oregon	--	496	--	78	--	--	--	20	--	--	73
Washington	0	76	--	0	--	--	669	14	--	--	13
Pacific Noncontiguous	**--**	**94**	**--**	**128**	**542**	**--**	**89**	**73**	**--**	**--**	**95**
Alaska	--	162	--	128	--	--	--	165	--	--	109
Hawaii	--	100	--	--	542	--	89	87	--	--	114

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, September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	*	2	17	*
Connecticut	*	*	1	49	*
Maine	1	1	3	0	1
Massachusetts	1	*	4	0	1
New Hampshire	1	*	2	0	1
Rhode Island	0	0	0	0	0
Vermont	3	2	3	0	2
Middle Atlantic	*	*	0	*	*
New Jersey	*	*	1	0	*
New York	*	*	1	*	*
Pennsylvania	*	*	0	0	*
East North Central	1	1	1	*	*
Illinois	1	1	4	*	1
Indiana	1	1	1	0	1
Michigan	1	*	1	0	*
Ohio	1	1	2	0	1
Wisconsin	1	1	1	0	1
West North Central	1	1	1	13	1
Iowa	2	1	1	878	1
Kansas	3	3	6	0	3
Minnesota	1	1	1	0	1
Missouri	1	1	2	0	1
Nebraska	1	3	4	0	2
North Dakota	2	3	9	0	3
South Dakota	2	4	4	0	3
South Atlantic	1	1	1	0	1
Delaware	1	1	2	0	1
District of Columbia	0	0	0	0	0
Florida	1	2	4	0	1
Georgia	2	2	4	0	2
Maryland	1	*	1	0	*
North Carolina	1	2	2	0	1
South Carolina	2	3	3	0	2
Virginia	1	1	3	0	1
West Virginia	*	*	0	0	*
East South Central	1	1	1	0	1
Alabama	2	3	2	0	2
Kentucky	1	1	1	0	1
Mississippi	2	4	5	0	2
Tennessee	1	1	1	0	1
West South Central	1	2	2	0	1
Arkansas	2	4	4	0	2
Louisiana	3	3	2	0	2
Oklahoma	2	3	4	0	2
Texas	1	2	2	0	1
Mountain	1	*	1	0	1
Arizona	*	*	1	0	1
Colorado	2	1	2	0	2
Idaho	1	2	1	0	1
Montana	2	3	4	0	2
Nevada	1	1	0	0	1
New Mexico	3	1	3	0	3
Utah	2	1	1	0	2
Wyoming	2	2	2	0	1
Pacific Contiguous	*	*	1	0	*
California	*	*	1	0	1
Oregon	1	1	4	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	1	1	2	0	1
Alaska	2	3	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 September 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	1	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	3
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	4,451	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	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**	**0**	**1**
California	*	*	1	0	1
Oregon	1	1	5	0	2
Washington	1	1	4	0	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, September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	*	2	19	*
Connecticut	*	*	1	38	*
Maine	1	1	1	0	1
Massachusetts	1	*	3	0	1
New Hampshire	*	*	2	0	1
Rhode Island	0	0	0	0	0
Vermont	3	2	5	0	3
Middle Atlantic	*	*	*	*	*
New Jersey	*	*	1	0	*
New York	*	*	1	*	*
Pennsylvania	*	*	*	0	*
East North Central	1	1	1	1	1
Illinois	2	1	3	1	1
Indiana	1	1	1	0	1
Michigan	1	1	1	0	1
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	1	1	2	17	1
Iowa	2	2	2	1,046	2
Kansas	4	5	8	0	4
Minnesota	2	1	2	0	1
Missouri	1	1	3	0	1
Nebraska	2	3	4	0	2
North Dakota	2	3	10	0	3
South Dakota	3	3	5	0	3
South Atlantic	1	1	2	0	1
Delaware	1	1	3	0	1
District of Columbia	0	0	0	0	0
Florida	1	2	4	0	1
Georgia	2	2	4	0	2
Maryland	1	*	1	0	1
North Carolina	2	3	3	0	2
South Carolina	2	3	3	0	2
Virginia	1	2	4	0	1
West Virginia	1	1	*	0	*
East South Central	1	1	1	0	1
Alabama	2	3	3	0	2
Kentucky	2	2	1	0	1
Mississippi	3	4	6	0	2
Tennessee	1	1	2	0	1
West South Central	1	2	2	0	1
Arkansas	3	5	5	0	2
Louisiana	2	3	3	0	2
Oklahoma	3	3	5	0	2
Texas	1	2	2	0	1
Mountain	1	1	1	0	1
Arizona	1	1	1	0	1
Colorado	2	1	2	0	2
Idaho	2	2	1	0	1
Montana	3	2	4	0	2
Nevada	1	1	*	0	1
New Mexico	3	2	3	0	3
Utah	3	2	1	0	2
Wyoming	4	3	2	0	2
Pacific Contiguous	*	*	1	0	*
California	*	*	1	0	*
Oregon	1	1	4	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	1	1	1	0	1
Alaska	3	4	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 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 September 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	3	0	1
New Hampshire	1	1	2	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	1	0	1
Wisconsin	2	1	3	0	2
West North Central	**2**	**1**	**2**	**40**	**1**
Iowa	4	3	4	2,508	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	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	3	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	5	0	3
Louisiana	5	4	3	0	3
Oklahoma	3	4	6	0	3
Texas	2	2	2	0	1
Mountain	**1**	*****	**1**	**0**	**1**
Arizona	1	1	1	0	1
Colorado	3	1	3	0	2
Idaho	2	2	3	0	2
Montana	2	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**	**0**	*****
California	*	*	1	0	*
Oregon	1	1	5	0	1
Washington	1	1	4	0	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, September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*****	*****	**2**	**1**	*****
Connecticut	*	*	*	1	*
Maine	1	1	1	0	*
Massachusetts	*	*	4	0	*
New Hampshire	1	*	1	0	1
Rhode Island	0	0	0	0	0
Vermont	1	*	*	0	*
Middle Atlantic	*****	**1**	*****	*****	*****
New Jersey	*	*	*	0	*
New York	*	1	*	*	1
Pennsylvania	*	*	*	0	*
East North Central	*****	**1**	**2**	**1**	**1**
Illinois	2	8	26	*	8
Indiana	*	*	*	0	*
Michigan	*	*	*	0	*
Ohio	1	1	3	0	1
Wisconsin	1	*	*	0	*
West North Central	**2**	**1**	**2**	**3**	**2**
Iowa	*	*	*	155	*
Kansas	8	7	16	0	11
Minnesota	3	1	*	0	1
Missouri	2	1	*	0	1
Nebraska	4	2	5	0	3
North Dakota	2	9	14	0	4
South Dakota	1	2	5	0	2
South Atlantic	**1**	**3**	**3**	**0**	**1**
Delaware	1	3	*	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	4	0	*
Georgia	3	1	2	0	1
Maryland	*	*	*	0	*
North Carolina	1	*	*	0	*
South Carolina	1	4	18	0	3
Virginia	7	10	4	0	5
West Virginia	*	*	*	0	*
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	4	5	0	2
Kentucky	1	1	3	0	3
Mississippi	1	1	6	0	2
Tennessee	1	1	2	0	1
West South Central	**2**	**1**	**2**	**0**	**1**
Arkansas	5	1	4	0	4
Louisiana	5	1	3	0	2
Oklahoma	3	1	1	0	1
Texas	3	2	2	0	2
Mountain	**1**	**1**	**1**	**0**	**1**
Arizona	1	2	2	0	2
Colorado	4	2	3	0	2
Idaho	1	1	1	0	1
Montana	2	2	4	0	1
Nevada	1	1	*	0	*
New Mexico	2	2	2	0	2
Utah	1	1	1	0	1
Wyoming	4	2	3	0	2
Pacific Contiguous	**1**	*****	**2**	**0**	**1**
California	1	*	1	0	1
Oregon	2	1	6	0	2
Washington	3	1	8	0	4
Pacific Noncontiguous	*****	*****	**1**	**0**	*****
Alaska	1	*	3	0	1
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 September 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	**1**	**1**	**4**	**1**	**1**
Connecticut	*	*	*	2	*
Maine	4	3	3	0	2
Massachusetts	*	*	4	0	*
New Hampshire	3	1	12	0	2
Rhode Island	0	0	0	0	0
Vermont	2	1	1	0	1
Middle Atlantic	**2**	**1**	*****	**1**	**2**
New Jersey	*	*	*	5	*
New York	3	1	1	*	3
Pennsylvania	*	*	*	0	*
East North Central	**2**	**2**	**3**	**13**	**1**
Illinois	10	20	64	26	15
Indiana	*	*	*	0	*
Michigan	*	*	3	0	*
Ohio	1	1	3	0	1
Wisconsin	3	*	*	0	1
West North Central	**4**	**4**	**9**	**9**	**5**
Iowa	*	*	*	578	*
Kansas	18	19	58	0	30
Minnesota	5	3	6	0	3
Missouri	8	3	*	0	5
Nebraska	18	8	19	0	12
North Dakota	7	26	41	0	12
South Dakota	4	8	14	0	5
South Atlantic	**4**	**7**	**8**	*****	**3**
Delaware	5	5	1	0	6
District of Columbia	0	0	0	1	0
Florida	4	2	8	0	3
Georgia	10	4	3	0	6
Maryland	*	*	*	0	*
North Carolina	5	2	1	0	3
South Carolina	8	14	48	0	6
Virginia	18	29	12	0	15
West Virginia	*	*	*	0	*
East South Central	**3**	**3**	**7**	**0**	**4**
Alabama	6	13	15	0	5
Kentucky	10	4	21	0	21
Mississippi	6	3	19	0	12
Tennessee	6	3	8	0	4
West South Central	**6**	**3**	**3**	**0**	**3**
Arkansas	10	4	8	0	8
Louisiana	14	5	11	0	8
Oklahoma	8	2	5	0	4
Texas	12	7	5	0	8
Mountain	**2**	**1**	**2**	**0**	**1**
Arizona	6	4	6	0	5
Colorado	10	4	14	0	6
Idaho	3	4	5	0	4
Montana	6	5	8	0	4
Nevada	2	2	1	0	1
New Mexico	8	5	9	0	6
Utah	4	2	3	0	2
Wyoming	10	7	10	0	6
Pacific Contiguous	**2**	**1**	**6**	**0**	**3**
California	2	1	4	0	3
Oregon	8	2	11	0	4
Washington	10	3	25	0	10
Pacific Noncontiguous	**2**	**1**	**3**	**0**	**2**
Alaska	7	4	12	0	5
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 September 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 Municpal 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 September 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 Electrtic 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, Burliington 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	Indequate 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 September 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/Uncontrolled 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 Stirke/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	MidAmercian 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	Indequate 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 September 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	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	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	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 September 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 Louisana	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	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	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	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

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 Cogeneraton (WECC)	1:48 p.m.	San Franscisco 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-Altantic 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 Califonia	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."

Appendix C

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 variable[12].

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 data[18]. 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 robustness[14].

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 Inference[12]," 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," For 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.

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

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 data[i], the regressor data for Schedule 1 Parts B and C is the prior month's data[ii].

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 estimates[13].

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.

Meanings of Symbols Appearing in Tables. Some symbols appearing in the data tables have meanings particular to the Form EIA-826 data. The meanings are indicated in footnotes on the applicable tables and include the following:

* The value reported is less than half of the smallest unit of measure, but is greater than zero.

-- 1.) In sectors other than transportation, a value that is greater than half the smallest unit of measure and has been rounded to the nearest whole number resulting in a single-digit value.

2.) In the transportation sector for data prior to 2008, an unusually high value for retail price resulting from a single-digit value (or a value represented by an asterisk) displayed in the corresponding sales and/or revenue tables for States. This is most commonly seen in Michigan, North Carolina, West Virginia, Tennessee, and Louisiana.

NM Data value is not meaningful when compared to the same value for the previous month or the previous year. This symbol is also used to indicate a data value is not meaningful due to having a high RSE.

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 performed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA-861 and similar data reported on the Forms EIA-826. 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 entities[10]. 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[11]. 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 values[iii] 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

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

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, $\sum$, represents the sum of all facilities in that geographic region.

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

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

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

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:

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

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)[iv].

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

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 kilowatthour.

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.

[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.

[v] See the section "Issues within Historical Data Series" for information on the handling of CHP plants prior to 2008.

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 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 Reliability*First* 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),
- Reliability*First* 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
92

Table C1. Average Heat Content of Fossil-Fuel Receipts, September 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	**23.27**	**6.30**	**--**	**1.03**
Connecticut	21.51	6.36	--	1.01
Maine	26.17	6.12	--	1.07
Massachusetts	23.27	6.33	--	1.03
New Hampshire	25.71	5.77	--	1.06
Rhode Island	--	5.83	--	1.02
Vermont	--	--	--	1.00
Middle Atlantic	**22.04**	**6.20**	**28.76**	**1.02**
New Jersey	24.52	5.71	--	1.03
New York	22.26	6.28	28.83	1.02
Pennsylvania	21.81	5.90	28.66	1.03
East North Central	**19.92**	**5.86**	**28.47**	**1.01**
Illinois	17.66	5.77	28.66	1.01
Indiana	20.88	5.87	--	1.01
Michigan	19.57	6.05	27.85	1.01
Ohio	22.58	5.80	28.60	1.04
Wisconsin	18.33	5.82	28.46	1.02
West North Central	**16.71**	**5.79**	**28.38**	**1.02**
Iowa	17.12	5.75	29.08	1.01
Kansas	17.08	5.78	29.15	1.01
Minnesota	17.83	5.78	27.35	1.02
Missouri	17.60	5.82	--	1.02
Nebraska	17.01	5.82	--	1.01
North Dakota	13.12	5.83	--	1.03
South Dakota	16.85	5.83	--	1.02
South Atlantic	**23.70**	**6.35**	**28.62**	**1.03**
Delaware	24.85	5.80	--	1.03
District of Columbia	--	5.80	--	--
Florida	23.90	6.41	28.69	1.03
Georgia	21.83	6.24	28.27	1.04
Maryland	24.61	6.09	--	1.04
North Carolina	24.32	6.18	--	1.03
South Carolina	24.59	6.01	--	1.03
Virginia	24.86	6.19	--	1.04
West Virginia	23.85	5.78	--	1.03
East South Central	**21.83**	**6.23**	**28.26**	**1.03**
Alabama	21.18	5.86	--	1.03
Kentucky	23.03	5.79	28.26	1.02
Mississippi	18.13	6.54	--	1.03
Tennessee	22.22	5.70	--	1.03
West South Central	**16.08**	**6.41**	**29.06**	**1.03**
Arkansas	17.17	5.90	--	1.02
Louisiana	16.58	6.43	29.12	1.04
Oklahoma	17.37	6.38	--	1.04
Texas	15.58	5.88	28.94	1.02
Mountain	**19.11**	**5.67**	**29.00**	**1.03**
Arizona	19.71	6.00	--	1.03
Colorado	19.53	5.23	--	1.03
Idaho	--	--	--	1.02
Montana	16.78	5.56	29.00	1.03
Nevada	21.65	5.83	--	1.04
New Mexico	18.39	5.66	--	1.03
Utah	22.28	5.88	--	1.05
Wyoming	17.64	5.82	--	.99
Pacific Contiguous	**17.65**	**4.78**	**28.74**	**1.03**
California	22.60	4.46	28.74	1.03
Oregon	16.78	--	--	1.02
Washington	16.85	5.85	--	1.03
Pacific Noncontiguous	**17.39**	**5.94**	**--**	**1.01**
Alaska	--	5.06	--	1.01
Hawaii	17.39	5.99	--	--
U.S. Total	**19.78**	**6.20**	**28.66**	**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, 2004 Through 2006

Item	Mean Absolute Value of Change (Percent) Total (All Sectors)		
	2004	2005	2006
Net Generation			
Coal[1]	.20	.08	.19
Petroleum Liquids[2]	.87	.55	3.27
Petroleum Coke	11.84	4.42	1.05
Natural Gas[3]	1.35	1.16	.84
Other Gases	11.97	4.20	.57
Hydroelectric[4]	.72	2.02	1.51
Nuclear	.01	.20	--
Other[5]	2.45	4.09	.77
Total	**.43**	**.42**	**.29**
Consumption of Fossil Fuels for Electric Generation			
Coal[1]	.45	.51	.10
Petroleum Liquids[2]	.64	2.30	1.86
Petroleum Coke	6.42	3.58	2.09
Natural Gas[3]	1.63	.76	.80
Fuel Stocks[6]			
Coal[1]	.43	.16	.65
Petroleum Liquids[2]	--	--	--
Petroleum Coke	--	--	--
Retail Sales			
Residential	2.37	5.50	2.39
Commercial[7]	9.19	9.18	3.76
Industrial[7]	5.62	2.86	11.47
Other[8]	--	--	--
Transportation[7]	101.97	111.01	107.71
Total	**2.15**	**2.50**	**1.99**
Revenue			
Residential[7]	2.79	3.87	2.32
Commercial[7]	6.68	2.44	11.93
Industrial	25.31	33.15	25.53
Other[8]	--	--	--
Transportation[7]	3.77	58.37	49.90
Total	**7.35**	**6.19**	**8.31**
Average Retail Price			
Residential	2.09	2.43	1.78
Commercial[7]	2.72	6.60	12.85
Industrial[7]	31.18	35.80	14.07
Other[8]	--	--	--
Transportation[7]	114.49	186.74	63.70
Total	**5.90**	**6.12**	**6.90**
Receipts of Fossil Fuels			
Coal[1]	.29	.07	.31
Petroleum Liquids[2]	1.04	.31	.39
Petroleum Coke	.72	.36	.22
Natural Gas[3]	.34	.38	.09
Cost of Fossil Fuels[9]			
Coal[1]	.04	.06	.02
Petroleum Liquids[2]	.46	.13	.14
Petroleum Coke	.54	.37	.29
Natural Gas[3]	.05	.04	.03

[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] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartamental sales.
[9] 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 preliminary.

Sources: · Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" 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 2004 Through 2006

Item	2004			2005			2006		
	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]	1,976,333	1,978,620	.1	2,014,173	2,013,179	-.1	1,987,224	1,990,926	.2
Petroleum Liquids[2]	99,028	99,915	.9	100,282	100,095	-.2	43,343	44,655	3.0
Petroleum Coke	18,563	20,731	11.7	21,628	22,427	3.7	19,861	19,709	-.8
Natural Gas[3]	699,610	708,854	1.3	751,549	757,974	.9	807,597	813,044	.7
Other Gases	14,990	16,766	11.9	15,644	16,317	4.3	15,970	16,060	.6
Hydroelectric[4]	261,545	259,929	-.6	258,510	263,763	2.0	281,397	282,689	.5
Nuclear	788,556	788,528	--	780,465	781,986	.2	787,219	787,219	--
Other[5]	94,784	97,087	2.4	95,739	99,681	4.1	110,358	110,401	*
Total	**3,953,407**	**3,970,430**	**.4**	**4,037,989**	**4,055,423**	**.4**	**4,052,968**	**4,064,702**	**.3**
Consumption of Fossil Fuels for Electric Generation									
Coal 1,000 tons)[1]	1,029,564	1,026,018	-.3	1,051,177	1,045,878	-.5	1,035,469	1,035,346	*
Petroleum Liquids (1,000 barrels)[2]	170,246	169,799	-.3	172,407	168,700	-2.2	75,634	77,003	1.8
Petroleum Coke (1,000 tons)	7,497	7,942	5.9	8,510	8,511	*	7,634	7,673	.5
Natural Gas (1,000 Mcf)[3]	6,020,335	6,116,574	1.6	6,465,972	6,486,761	.3	6,878,086	6,869,624	-.1
Fuel Stocks for Electric Power Sector[6]									
Coal (1,000 tons)[1]	106,709	106,669	*	101,237	101,137	-.1	139,679	140,964	.9
Petroleum Liquids (1,000 barrels)[2]	45,126	46,750	3.6	48,274	47,414	-1.8	49,189	48,216	-2.0
Petroleum Coke (1,000 tons)	914	937	2.5	531	530	-.3	704	674	-4.3
Retail Sales (Million kWh)									
Residential	1,292,238	1,291,982	*	1,364,788	1,359,227	-.4	1,354,232	1,351,520	-.2
Commercial[7]	1,221,090	1,230,425	.8	1,265,155	1,275,079	.8	1,300,851	1,299,744	-.1
Industrial[7]	1,022,205	1,017,850	-.4	1,021,313	1,019,156	-.2	1,001,929	1,011,298	.9
Other[8]	--	--	--	--	--	--	--	--	--
Transportation[7]	7,896	7,224	-8.5	8,271	7,506	-9.3	8,086	7,358	-9.0
Total	**3,543,429**	**3,547,479**	**.1**	**3,659,527**	**3,660,969**	*****	**3,665,099**	**3,669,919**	**.1**
Retail Revenue (Million Dollars)									
Residential	115,583	115,577	*	128,666	128,393	-.2	140,838	140,582	-.2
Commercial[7]	99,982	100,546	.6	110,287	110,522	.2	121,728	122,914	1.0
Industrial[7]	52,372	53,477	2.1	56,867	58,445	2.8	61,010	62,308	2.1
Other[8]	--	--	--	--	--	--	--	--	--
Transportation[7]	518	519	.2	613	643	4.9	732	702	-4.1
Total	**268,455**	**270,119**	**.6**	**296,434**	**298,003**	**.5**	**324,308**	**326,506**	**.7**
Average Retail Price (Cents/kWh)									
Residential	8.94	8.95	.1	9.43	9.45	.2	10.40	10.40	--
Commercial[7]	8.19	8.17	-.2	8.72	8.67	-.6	9.36	9.46	1.1
Industrial[7]	5.12	5.25	2.5	5.57	5.73	2.9	6.09	6.16	1.2
Other[8]	--	--	--	--	--	--	--	--	--
Transportation[7]	6.56	7.18	9.5	7.42	8.57	15.5	9.06	9.54	5.3
Total	**7.58**	**7.61**	**.4**	**8.10**	**8.14**	**.5**	**8.85**	**8.90**	**.6**
Receipts of Fossil Fuels									
Coal (1,000 tons)[1]	1,026,824	1,002,032	-2.4	1,026,185	1,021,437	-.5	1,052,605	1,079,943	2.6
Petroleum Liquids (1,000 barrels)[2]	161,749	151,821	-6.1	154,902	157,221	1.5	65,771	65,002	-1.2
Petroleum Coke (1,000 tons)	7,398	6,967	-5.8	7,519	7,502	-.2	7,256	7,193	-.9
Natural Gas (1,000 Mcf)[3]	5,906,730	5,734,054	-2.9	5,984,524	6,181,717	3.3	6,691,179	6,675,246	-.2
Cost of Fossil Fuels (Dollars per million Btu)[9]									
Coal[1]	1.36	1.36	--	1.54	1.54	--	1.69	1.69	--
Petroleum Liquids[2]	5.20	5.00	-3.9	7.65	7.59	-.8	8.72	8.68	-.5
Petroleum Coke	.80	.83	3.8	1.12	1.11	-.9	1.30	1.33	2.3
Natural Gas[3]	5.94	5.96	.3	8.20	8.21	.1	6.92	6.94	.3

[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] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartamental sales.
[9] 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 earths 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 elected 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 though 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) Electric Reliability Council of Texas (ERCOT),
2) Florida Reliability Coordinating Council (FRCC),
3) Midwest Reliability Organization (MRO),
4) Northeast Power Coordinating Council (NPCC),
5) Reliability*F*irst 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, (C_3H_8). 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.