DOE/EIA-0226 (2008/09)

Electric Power Monthly
September 2008

With Data for June 2008

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

This report is available on the Web at:
http://www.eia.doe.gov/cneaf/electricity/epm/epm_sum.html

Contacts

The *Electric Power Monthly* is prepared by the U.S. Department of Energy's Energy Information Administration. Questions and comments concerning the contents of the *Electric Power Monthly* may be directed to:

Jorge Luna-Camara, Project Leader
Energy Information Administration, EI-53
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, DC, 20585-0650

Telephone: 202-586-3945 FAX: 202-287-1585
Internet e-mail address: jorge.luna-camara@eia.doe.gov

or the following subject specialists:

Subject	Contact	Phone Number	E-Mail
Executive Summary	Jorge Luna-Camara	202-586-3945	jorge.luna-camara@eia.doe.gov
U.S. Electric Net Generation	Ronald Hankey	202-586-2630	ronald.hankey@eia.doe.gov
U.S. Electric Consumption of Fuels	Christopher Cassar	202-586-5448	christopher.cassar@eia.doe.gov
U.S. Electric Stocks of Fuels	Christopher Cassar	202-586-5448	christopher.cassar@eia.doe.gov
U.S. Electric Fossil-Fuel Receipts	Rebecca McNerney	202-586-4509	rebecca.mcnerney@eia.doe.gov
U.S. Electric Fossil-Fuel Costs	Rebecca McNerney	202-586-4509	rebecca.mcnerney@eia.doe.gov
U.S. Retail Sales of Electricity	Charlene Harris-Russell	202-586-2661	charlene.harris-russell@eia.doe.gov
Sampling and Estimation Methodologies	James Knaub, Jr.	202-586-3014	james.knaub@eia.doe.gov

Requests for additional information on other energy statistics available from the Energy Information Administration or questions concerning subscriptions and report distribution may be directed to the National Energy Information Center at 202-586-8800.

Quality

The Energy Information Administration is committed to quality products and quality service. To ensure that this report meets the highest standards for quality, please forward your comments or suggestions about this publication to Jorge Luna-Camara at 202-586-3945, or e-mail: jorge.luna-camara@eia.doe.gov.

For general inquiries about energy data, please contact the National Energy Information Center at 202-586-8800. Internet users may contact the center at: infoctr@eia.doe.gov.

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

Contents

Table Index

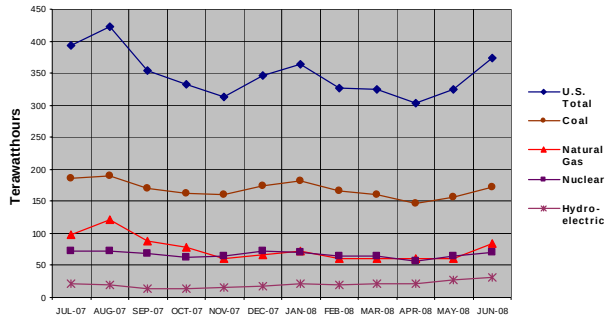
Illustrations

Executive Summary

Generation: Data from the National Oceanic and Atmospheric Administration (NOAA) show that much of the United States experienced warmer than normal temperatures in June 2008. With the warmer weather, NOAA's Residential Energy Demand Temperature Index was the sixth highest June value on record. According to the Federal Reserve, the manufacturing component of its industrial production index was 1.6 percent higher than it was in June 2007 and the total index was 1.4 percent higher. All of this contributed to a net generation total in June 2008 that was 2.9 percent or 10.5 million MWh higher than June 2007.

Coal generation in June 2008 was 1.6 percent lower than it was in June 2007. Net generation from conventional hydroelectric sources, however, was 34.7 percent higher as generation totals were significantly higher in Washington, Oregon, and California. At Grand Coulee, the largest power plant in the United States, net generation was 66.4 percent higher in June 2008 than it had been the previous June. Net generation attributable to nuclear sources was 2.0 percent higher than the year before. Natural gas-fired generation was 3.6 percent higher than its June 2007 level. (Figure 1). Petroleum liquid-fired generation was 10.6 percent lower compared to a year ago, with its overall share of net generation still quite small compared to coal, nuclear, natural gas-fired, and hydroelectric sources. Wind-powered generation was 81.6 percent higher than it was in June 2007. Even with this significant increase, the contribution of wind-powered generation to the national total was only 1.2 percent in June 2008.

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

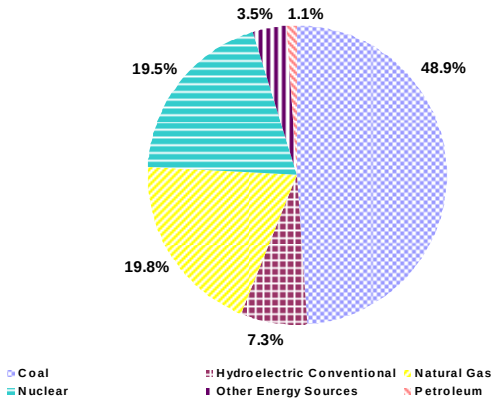


Year-to-date, net generation was up 1.0 percent over 2007 levels. Net generation attributable to coal-fired plants increased by 0.8 percent Nuclear generation was down 0.5 percent. Generation from petroleum liquids was down 42.9 percent, while natural gas-fired generation was up 4.4 percent. With the higher June totals, conventional hydroelectric generation year-to-date was up 3.3 percent.

Year-to-date wind generation was up 47.8 percent due primarily to increased generation in Texas and Colorado. Together, these States accounted for 57.5 percent of the year-to-date national rise in wind generation.

Coal-fired plants contributed 48.9 percent of the Nation's electric power, year-to-date. Nuclear plants contributed 19.5 percent, while 19.8 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 7.3 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 June, 2008



Consumption of Fuels: Consumption of coal for power generation in June 2008 was down by 0.8 percent compared to June 2007. For the same time period, consumption of petroleum liquids and petroleum coke decreased by 11.2 percent and 17.5 percent, respectively, while the consumption of natural gas increased by 1.1 percent.

Year-to-date, consumption of coal increased by 1.0 percent. Natural gas consumption decreased by 0.8 percent, while the consumption of petroleum liquids and petroleum coke decreased by 43.3 percent and 15.6 percent, respectively.

Fuel Stocks, Electric Power Sector, June 2008

Total electric power sector coal stocks decreased between June 2007 and June 2008 by 2.4 million tons. Stocks of bituminous coal (including coal synfuel) decreased by 12.1 million tons comparing June 2007 to June 2008 (from 75.8 to 63.7 million tons). Subbituminous coal stocks grew by 10.3 million tons between June 2007 and June 2008 (from 75.5 to 85.8 million tons).

Petroleum liquid stocks at the end of June 2008 were 3.5 million barrels lower than they were in June 2007. Electric power sector liquid petroleum stocks totaled 41.0 million barrels at the end of June 2008, 7.8 percent lower than the level at the end of June 2007, and 0.1 percent (32 thousand barrels) lower than at the end of May 2008.

Fuel Receipts and Costs, All Sectors, June 2008

During June 2008, as was the case in the previous month, the prices of all three categories of fossil fuels (coal, petroleum, and natural gas) reached an all-time high (in nominal dollars) (Figure 3). June petroleum liquids and natural gas receipts increased over the previous month, while coal receipts declined[1].

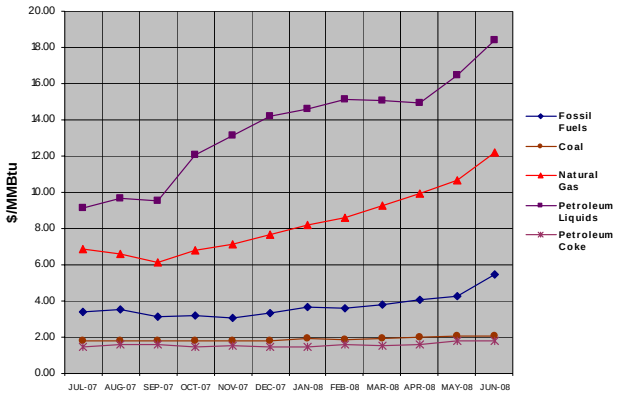
The price of petroleum liquids in June continued the sharply rising trend that began when prices jumped from $9.55 per MMBtu in September 2007 to $12.07 per MMBtu in October. The average price paid for petroleum liquids was $18.37 per MMBtu in June 2008, an 11.7-percent increase when compared with the $16.44 per MMBtu price in May, and an 86.1-percent increase when compared with June 2007. The price of oil to electric power producers is usually in line with the spot price of a barrel of oil in the United States, although the June 2008 increase over June 2007 for electricity producers was almost double the spot price increase. At the end of June 2008, the spot price (FOB weighted by estimated import volume) of a barrel of oil was $128.02, a 5.0-percent increase over May 2008, and a 46.3-percent increase over June 2007. Receipts of petroleum liquids were 7.1 million barrels, a 4.9-percent increase over June 2007 and a 66.9-percent increase from May 2008[2].

The average price paid for natural gas by electricity generators in June 2008 was $12.21 per MMBtu, a 14.1-percent increase from the May 2008 level of $10.70 per MMBtu. The June 2008 price was 60.7 percent higher than the June 2007 price of $7.60 per MMBtu. Receipts of natural gas were 746.8 billion cubic feet, up 36.0 percent from May 2008, and up 12.8 percent from June 2007.

The average price of coal to electricity generators in June 2008 was $2.09 per MMBtu, up 2.0 percent from May 2008 and up 18.1 percent from the June 2007 price. Receipts of coal were 84.5 million tons, down 3.8 percent when compared with May 2008 and down 7.0 percent from June 2007. The overall price for fossil fuels was $5.46 per MMBtu in June 2008, a 27.6-percent increase from May 2008, and 58.3 percent higher than in June 2007.

Year-to-date (January through June) 2008 prices compared to the same period last year were up 32.7 percent for natural gas and 11.9 percent for coal. Year-to-date 2008 receipts compared to the same period last year were up 10.7 percent for natural gas and down 2.6 percent for coal. Year-to-date petroleum liquid receipts were down 25.1 percent, a testimony to the 85.1 percent year-to-date increase in price.

Figure 3: Electric Power Industry Fuel Costs, July 2007 through June 2008



Sales, Revenue, and Average Retail Price, June 2008

The average retail price of electricity for June 2008 was 10.33 cents per kilowatthour (kWh), 8.9 percent higher than May 2008 when the average retail price of electricity was 9.49 cents per kWh and 9.1 percent higher than June 2007. An increase in electricity demand due to higher-than-normal temperatures for the month led to an increase of 2.5 percent in retail sales between June 2007 and June 2008. The average price of residential electricity for June 2008 increased to 11.80 cents per kWh, up from 11.43 cents per kWh in May 2008. At 11.80 cents per kWh, the average residential price of electricity increased by 6.6 percent from June 2007. The increases in the retail electricity prices are influenced by the increases in fossil fuel prices.

Sales: For June 2008, sales in the residential and commercial sectors increased by 3.8 and 2.9 percent, respectively, while sales in the industrial sector increased by only 0.1 as compared to June 2007. For the month, total retail sales were 329.3 billion kWh, an increase of 38.2 billion kWh from May 2008, and an increase of 8.0 billion kWh from June 2007. Year-to-date 2008, sales were 1,828.9 billion kWh, corresponding to a 2.1 percent increase over the same period in 2007.

[1] Beginning with January 2008, there will be notable increases in fuel receipts. Prior to 2008, regulated plants reported their fuel receipts data to the Federal Energy Regulatory Commission (FERC) on the FERC Form 423. That form was discontinued as of December 31, 2007. Regulated plants now report their receipts data, as do the unregulated plants, on Schedule 2 of the new Form EIA-923. Because FERC issued Form 423 waivers to some plants who met certain criteria and because FERC did not require all types of generators to report (only steam turbines and combined-cycle units reported), a significant number of plants did not submit fossil fuel receipts data. EIA requires all of these plants to report.

[2] Energy Information Administration, Petroleum Navigator, Weekly Crude Oil Prices, http://tonto.eia.doe.gov/dnav/pet/pet_pri_wco_k_w.htm.

Revenue: Total retail revenues in June 2008 were $34.0 billion, reflecting an increase in revenue of 11.7 percent over June 2007. The data suggest that the revenue increase was related to higher fuel costs. Total retail revenues for June 2008 increased by $6.4 billion from May 2008 reflecting the similar comparison of sales for that time frame. For June 2008, residential sector retail revenues increased 10.7 percent over June 2007, while the commercial and industrial sector retail revenues increased by 11.8 and 14.2 percent, respectively. Year-to-date 2008, retail revenue increased to $171.2 billion, a 7.0 percent increase over the same period in 2007.

Average Retail Price: For the month, average residential retail prices increased 6.6 percent over June 2007 and 3.2 percent over May 2008. The average commercial and industrial retail prices for June 2008 increased 8.6 percent and 14.0 percent, respectively from the prior year. In June 2008, the average cost of electricity per unit increased to 10.33 cents per kWh from 9.49 cents per kWh in May 2008. Year-to-date 2008, the average residential retail price increased to 10.83 cents per kWh, or 4.0 percent, while the overall average retail price increased to 9.36 cents per kWh, a 4.8 percent increase over the same period in 2007. (Figure 4).

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

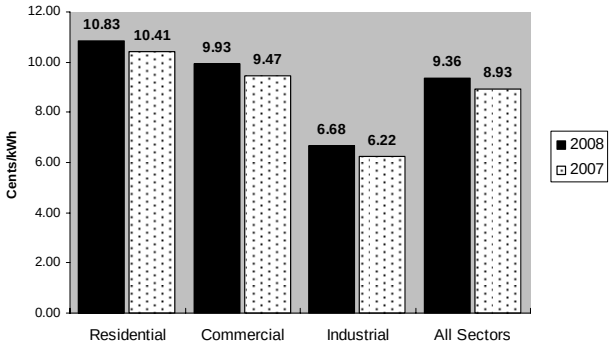


Table ES1.A. Total Electric Power Industry Summary Statistics, 2008 and 2007

June

Net Generation and Consumption of Fuels

Items	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	% Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
Net Generation (thousand megawatthours)											
Coal[1]	171,287	173,990	-1.6	126,962	128,622	42,737	43,814	114	99	1,474	1,456
Petroleum Liquids[2]	3,789	4,238	-10.6	2,671	3,067	983	992	11	10	124	168
Petroleum Coke	1,193	1,524	-21.8	491	716	588	650	--	--	113	158
Natural Gas[3]	84,075	81,185	3.6	30,878	28,557	46,588	46,176	331	394	6,279	6,059
Other Gases[4]	1,323	1,361	-2.8	1	3	414	340	--	2	909	1,017
Nuclear	70,268	68,923	2.0	36,983	37,310	33,285	31,613	--	--	--	--
Hydroelectric Conventional	30,803	22,860	34.7	28,789	20,989	1,895	1,648	6	5	113	218
Other Renewables	10,357	8,382	23.6	836	664	6,986	5,205	157	144	2,378	2,369
Wood[5]	3,166	3,204	-1.2	148	158	703	730	2	2	2,313	2,314
Waste[6]	1,462	1,449	.9	100	99	1,141	1,153	155	143	65	54
Geothermal	1,261	1,250	.8	102	91	1,159	1,159	--	--	--	--
Solar/PV[7]	120	84	42.6	1	2	119	83	--	--	--	--
Wind	4,349	2,395	81.6	484	315	3,865	2,081	--	--	--	--
Hydroelectric Pumped Storage	-372	-523	28.9	-459	-411	88	-112	--	--	--	--
Other Energy Sources[8]	908	1,142	-20.5	52	62	548	563	77	65	231	453
All Energy Sources	**373,632**	**363,084**	**2.9**	**227,204**	**219,578**	**134,111**	**130,890**	**695**	**719**	**11,622**	**11,897**
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)[1]	89,895	90,592	-.8	65,635	65,957	23,538	23,957	33	57	689	620
Petroleum Liquids (1000 bbls)[2]	6,600	7,432	-11.2	4,629	5,284	1,792	1,798	20	19	159	331
Petroleum Coke (1000 tons)	492	597	-17.5	218	269	243	272	--	--	31	56
Natural Gas (1000 Mcf)[3]	689,360	681,652	1.1	275,937	250,372	364,208	368,244	2,672	4,290	46,542	58,745
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)[1]	1,789	1,499	19.4	--	--	373	133	155	80	1,262	1,286
Petroleum Liquids (1000 bbls)[2]	542	690	-21.4	--	--	26	5	21	13	494	671
Petroleum Coke (1000 tons)	94	98	-4.2	--	--	11	*	--	--	83	98
Natural Gas (1000 Mcf)[3]	71,439	51,763	38.0	--	--	28,394	8,808	1,918	2,320	41,127	40,635
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)[1]	91,684	92,090	-.4	65,635	65,957	23,911	24,090	187	137	1,951	1,906
Petroleum Liquids (1000 bbls)[2]	7,142	8,121	-12.1	4,629	5,284	1,819	1,803	41	33	653	1,002
Petroleum Coke (1000 tons)	586	695	-15.7	218	269	254	272	--	--	114	154
Natural Gas (1000 Mcf)[3]	760,799	733,415	3.7	275,937	250,372	392,603	377,052	4,590	6,610	87,669	99,380
Fuel Stocks (end-of-month)											
Coal (1000 tons)[9]	156,525	158,940	-1.5	121,248	124,511	32,793	31,901	351	375	2,132	2,152
Petroleum Liquids (1000 bbls)[2]	44,449	45,901	-3.2	26,837	28,752	14,141	15,692	313	231	3,159	1,226
Petroleum Coke (1000 tons)	954	698	36.7	354	319	401	232	--	--	199	146

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)		
	Jun 2008	Jun 2007	% Change	Jun 2008	Jun 2007	% Change	Jun 2008	Jun 2007	% Change
Residential	121,758	117,340	3.8	14,372	12,986	10.7	11.80	11.07	6.6
Commercial[11]	121,321	117,878	2.9	13,202	11,809	11.8	10.88	10.02	8.6
Industrial[11]	85,618	85,514	.1	6,353	5,564	14.2	7.42	6.51	14.0
Transportation[11]	622	631	-1.5	73	68	8.5	11.79	10.69	10.3
All Sectors	329,319	321,363	2.5	34,001	30,428	11.7	10.33	9.47	9.1

[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 June

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]	985,315	977,760	.8	728,936	721,660	246,976	246,912	837	628	8,566	8,559
Petroleum Liquids[2]	15,913	27,879	-42.9	10,782	17,372	4,348	9,002	48	122	734	1,382
Petroleum Coke	6,770	8,100	-16.4	2,781	3,851	3,359	3,397	3	4	627	848
Natural Gas[3]	399,191	382,487	4.4	143,634	131,727	216,738	212,856	2,136	2,172	36,683	35,732
Other Gases[4]	8,127	7,953	2.2	15	35	2,796	1,927	--	11	5,317	5,980
Nuclear	392,649	394,785	-.5	207,574	218,656	185,075	176,129	--	--	--	--
Hydroelectric Conventional	146,648	141,969	3.3	132,954	128,592	12,243	11,903	56	57	1,395	1,418
Other Renewables	59,081	51,199	15.4	4,816	4,365	39,516	32,055	835	798	13,914	13,982
Wood[5]	18,696	18,751	-.3	951	991	4,193	4,065	9	10	13,543	13,685
Waste[6]	8,363	8,339	.3	565	594	6,601	6,661	826	788	371	296
Geothermal	7,194	7,299	-1.4	578	547	6,616	6,752	--	--	--	--
Solar/PV[7]	426	303	40.9	8	6	419	297	--	--	--	--
Wind	24,401	16,508	47.8	2,714	2,228	21,687	14,280	--	--	--	--
Hydroelectric Pumped Storage	-2,708	-2,920	7.3	-2,413	-2,316	-295	-604	--	--	--	--
Other Energy Sources[8]	5,679	6,866	-17.3	321	345	3,404	3,177	360	378	1,594	2,966
All Energy Sources	**2,016,665**	**1,996,077**	**1.0**	**1,229,400**	**1,224,287**	**714,160**	**696,755**	**4,276**	**4,169**	**68,828**	**70,866**
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)[1]	513,033	507,764	1.0	374,506	369,289	134,415	134,482	266	366	3,845	3,627
Petroleum Liquids (1000 bbls)[2]	27,289	48,105	-43.3	18,788	29,772	7,310	15,517	85	246	1,107	2,570
Petroleum Coke (1000 tons)	2,675	3,169	-15.6	1,144	1,449	1,365	1,410	1	2	165	308
Natural Gas (1000 Mcf)[3]	3,171,294	3,197,163	-.8	1,239,958	1,138,059	1,630,517	1,684,359	18,544	23,991	282,274	350,754
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)[1]	10,819	9,248	17.0	--	--	2,169	746	810	607	7,840	7,894
Petroleum Liquids (1000 bbls)[2]	3,425	6,401	-46.5	--	--	435	101	133	254	2,857	6,047
Petroleum Coke (1000 tons)	608	494	23.2	--	--	70	1	4	3	534	490
Natural Gas (1000 Mcf)[3]	394,857	265,289	48.8	--	--	151,757	56,282	13,320	11,642	229,779	197,365
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)[1]	523,851	517,011	1.3	374,506	369,289	136,584	135,229	1,076	973	11,685	11,521
Petroleum Liquids (1000 bbls)[2]	30,715	54,506	-43.6	18,788	29,772	7,745	15,617	218	500	3,964	8,616
Petroleum Coke (1000 tons)	3,283	3,663	-10.4	1,144	1,449	1,435	1,411	5	5	699	798
Natural Gas (1000 Mcf)[3]	3,566,151	3,462,452	3.0	1,239,958	1,138,059	1,782,275	1,740,640	31,864	35,634	512,053	548,119

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	667,193	656,468	1.6	72,249	68,343	5.7	10.83	10.41	4.0
Commercial[10]	651,817	640,656	1.7	64,705	60,679	6.6	9.93	9.47	4.9
Industrial[10]	506,026	490,601	3.1	33,817	30,530	10.8	6.68	6.22	7.4
Transportation[10]	3,825	3,935	-2.8	417	404	3.3	10.91	10.27	6.2
All Sectors	1,828,861	1,791,661	2.1	171,189	159,956	7.0	9.36	8.93	4.8

[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

June

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)	
	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
Coal (1000 tons)[2]	84,475	90,830	41.81	35.54	490	481	515,511	529,377	39.32	35.64
Petroleum Liquids (1000 barrels)[3]	7,112	6,778	114.92	61.80	454	362	28,279	37,751	99.39	54.34
Petroleum Coke (1000 tons)	499	432	51.87	45.06	25	25	2,823	2,779	46.47	44.63
Natural Gas (1000 Mcf)[4]	746,828	661,885	12.55	7.81	1,131	891	3,480,915	3,145,661	10.21	7.70

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)	
	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
Coal (1000 tons)[2]	61,901	67,091	41.97	35.95	308	312	370,116	389,782	39.47	36.12
Petroleum Liquids (1000 barrels)[3]	5,204	4,762	110.72	61.38	250	222	19,563	22,730	97.95	54.18
Petroleum Coke (1000 tons)	197	143	58.78	54.26	9	10	1,321	1,260	55.43	51.86
Natural Gas (1000 Mcf)[4]	271,743	228,481	12.01	8.07	528	330	1,242,298	1,026,855	10.15	8.05

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)	
	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
Coal (1000 tons)[2]	21,371	22,520	40.54	33.60	139	133	138,037	132,631	38.15	33.51
Petroleum Liquids (1000 barrels)[3]	1,576	1,613	132.06	65.30	167	108	6,487	11,823	108.59	56.97
Petroleum Coke (1000 tons)	236	227	35.87	36.31	13	10	1,207	1,204	31.51	34.55
Natural Gas (1000 Mcf)[4]	385,146	361,702	13.03	7.62	477	449	1,773,149	1,682,537	10.35	7.54

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)	
	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
Coal (1000 tons)[2]	41	34	65.04	60.25	3	3	215	270	64.15	62.87
Petroleum Liquids (1000 barrels)[3]	3	12	121.40	90.91	3	4	20	37	113.50	78.78
Petroleum Coke (1000 tons)	--	--	--	--	--	--	--	--	--	--
Natural Gas (1000 Mcf)[4]	1,448	1,646	11.92	8.05	8	8	11,234	10,844	10.48	8.69

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)	
	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
Coal (1000 tons)[2]	1,162	1,185	55.83	48.80	40	37	7,143	6,693	52.94	49.23
Petroleum Liquids (1000 barrels)[3]	330	391	99.39	51.63	34	31	2,208	3,162	84.98	45.43
Petroleum Coke (1000 tons)	65	62	89.00	55.88	3	5	295	315	67.60	54.22
Natural Gas (1000 Mcf)[4]	88,490	70,056	12.11	7.91	118	107	454,234	425,425	9.86	7.49

[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

June

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)	
	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007
Coal[2]	1,693,216	1,826,856	2.09	1.77	490	481	10,272,180	10,680,353	1.98	1.77
Petroleum Liquids[3]	44,487	42,432	18.37	9.87	454	362	175,369	236,761	16.03	8.66
Petroleum Coke	14,186	12,300	1.82	1.58	25	25	80,033	79,029	1.64	1.57
Natural Gas[4]	767,583	680,380	12.21	7.60	1,131	891	3,572,460	3,232,377	9.95	7.50
Fossil Fuels	2,519,472	2,561,967	5.46	3.45	1,479	1,223	14,100,043	14,228,520	4.17	3.18

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)	
	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007
Coal[2]	1,250,454	1,365,038	2.08	1.77	308	312	7,464,709	7,941,902	1.96	1.77
Petroleum Liquids[3]	32,767	30,230	17.59	9.67	250	222	122,365	144,022	15.66	8.55
Petroleum Coke	5,647	4,051	2.05	1.91	9	10	37,455	35,695	1.96	1.83
Natural Gas[4]	279,129	234,997	11.69	7.85	528	330	1,273,768	1,054,805	9.90	7.84
Fossil Fuels	1,567,996	1,634,316	4.11	2.79	734	531	8,898,297	9,176,425	3.28	2.58

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)	
	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007
Coal[2]	416,021	434,550	2.08	1.74	139	133	2,644,654	2,581,784	1.99	1.72
Petroleum Liquids[3]	9,634	9,813	21.60	10.74	167	108	39,077	73,321	18.03	9.19
Petroleum Coke	6,715	6,499	1.26	1.27	13	10	34,230	34,487	1.11	1.21
Natural Gas[4]	395,814	371,380	12.67	7.42	477	449	1,819,590	1,728,354	10.08	7.34
Fossil Fuels	828,185	822,242	7.37	4.41	604	566	4,537,551	4,417,946	5.37	4.04

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)	
	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007
Coal[2]	956	798	2.77	2.60	3	3	5,027	6,332	2.75	2.69
Petroleum Liquids[3]	16	72	20.79	15.52	3	4	117	215	19.54	13.50
Petroleum Coke	--	--	--	--	--	--	--	--	--	--
Natural Gas[4]	1,483	1,684	11.65	7.87	8	8	11,559	11,125	10.19	8.48
Fossil Fuels	2,455	2,554	8.25	6.44	10	10	16,704	17,672	8.02	6.46

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)	
	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007	June 2008	June 2007
Coal[2]	25,786	26,470	2.52	2.18	40	37	157,790	150,334	2.40	2.19
Petroleum Liquids[3]	2,070	2,316	15.83	8.72	34	31	13,810	19,202	13.59	7.48
Petroleum Coke	1,823	1,751	3.18	1.99	3	5	8,348	8,847	2.39	1.93
Natural Gas[4]	91,158	72,319	11.76	7.66	118	107	467,543	438,093	9.59	7.27
Fossil Fuels	120,836	102,855	9.72	6.18	131	122	647,491	616,476	7.83	5.96

[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

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	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
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

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		
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 Power Fund	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
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
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
Dynegy	Rolling Hills	OH	55401	825	825	Pending	Tenaska
Sumas Cogeneration	Sumas Power Plant	WA	54476	126	126	Pending	Puget Sound Energy
Tenaska	Armstrong	PA	55347	584	584	Pending	International Power
Tenaska	Calumet	IL	50166	329	329	Pending	International Power
Tenaska	Pleasants	WV	55349	292	292	Pending	International Power
Tenaska	Troy	OH	55348	584	584	Pending	International Power
Black Hills	Wygen I	WY	55479	70	16	Pending	Municipal Energy Agency of Nebraska
Kelson Hodings	Redbud	OK	55463	1,144	1,144	Pending	Oklahoma Gas & Electric
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 June 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	**1,978,620**	**100,040**	**20,731**	**708,854**	**16,766**	**788,528**	**268,417**	**82,604**	**-8,488**	**14,483**	**3,970,555**
2005	**2,013,179**	**100,095**	**22,427**	**757,974**	**16,317**	**781,986**	**270,321**	**87,213**	**-6,558**	**12,468**	**4,055,423**
2006											
January	169,258	4,251	1,893	43,529	1,326	71,912	27,437	8,442	-533	1,143	328,658
February	158,648	3,270	1,664	47,152	1,260	62,616	24,762	7,369	-447	1,040	307,333
March	161,355	2,434	1,601	54,585	1,421	63,721	24,625	8,210	-435	1,214	318,730
April	141,456	3,054	1,654	55,795	1,352	57,567	28,556	7,849	-587	1,162	297,858
May	157,051	2,920	1,520	65,302	1,440	62,776	30,818	8,019	-444	1,213	330,616
June	169,726	4,079	1,708	80,787	1,326	68,391	29,757	7,775	-423	1,134	364,260
July	187,860	5,142	1,882	107,862	1,374	72,186	25,439	8,098	-638	1,215	410,421
August	189,488	6,595	1,793	106,289	1,474	72,016	21,728	7,881	-695	1,193	407,763
September	161,630	3,057	1,603	72,402	1,299	66,642	17,201	7,702	-629	1,146	332,055
October	161,434	3,370	1,537	70,351	1,358	57,509	17,055	8,279	-507	1,181	321,567
November	159,472	3,366	1,393	53,161	1,216	61,392	20,272	8,290	-553	1,149	309,159
December	173,547	3,117	1,460	55,829	1,215	70,490	21,596	8,509	-667	1,188	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
Total	**985,315**	**15,913**	**6,770**	**399,191**	**8,127**	**392,649**	**146,648**	**59,081**	**-2,708**	**5,679**	**2,016,665**
Year-to-Date											
2006	957,495	20,008	10,040	347,150	8,125	386,982	165,954	47,664	-2,869	6,906	1,947,454
2007	977,760	27,879	8,100	382,487	7,953	394,785	141,969	51,199	-2,920	6,866	1,996,077
2008	985,315	15,913	6,770	399,191	8,127	392,649	146,648	59,081	-2,708	5,679	2,016,665
Rolling 12 Months Ending in June											
2007	2,011,192	52,525	17,768	848,381	15,888	795,021	265,261	99,959	-6,609	13,938	4,113,325
2008	2,028,127	37,991	14,422	909,915	15,589	804,351	252,991	110,870	-6,781	12,627	4,180,102

[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 June 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	**37,576**	**15,497**	**14,811**	**575**	**14,144**	**82,604**
2005	**38,681**	**15,479**	**14,692**	**550**	**17,811**	**87,213**
2006						
January	3,426	1,391	1,230	13	2,383	8,442
February	3,044	1,273	1,111	20	1,922	7,369
March	3,214	1,342	1,261	33	2,359	8,210
April	2,968	1,228	1,129	52	2,472	7,849
May	3,024	1,371	1,096	71	2,459	8,019
June	3,126	1,328	1,199	70	2,052	7,775
July	3,419	1,401	1,261	62	1,955	8,098
August	3,466	1,388	1,289	83	1,655	7,881
September	3,241	1,309	1,219	54	1,879	7,702
October	3,193	1,336	1,275	32	2,442	8,279
November	3,166	1,360	1,207	16	2,540	8,290
December	3,360	1,385	1,290	3	2,472	8,509
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
Total	**18,696**	**8,363**	**7,194**	**426**	**24,401**	**59,081**
Year-to-Date						
2006	18,803	7,931	7,026	258	13,645	47,664
2007	18,751	8,339	7,299	303	16,508	51,199
2008	18,696	8,363	7,194	426	24,401	59,081
Rolling 12 Months Ending in June						
2007	38,596	16,517	14,841	552	29,452	99,959
2008	38,461	16,909	14,734	730	40,036	110,870

[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 June 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
Total	**728,936**	**10,782**	**2,781**	**143,634**	**15**	**207,574**	**132,954**	**4,816**	**-2,413**	**321**	**1,229,400**
Year-to-Date											
2006	708,494	13,955	5,049	119,675	5	207,776	151,137	3,236	-2,296	358	1,207,389
2007	721,660	17,372	3,851	131,727	35	218,656	128,592	4,365	-2,316	345	1,224,287
2008	728,936	10,782	2,781	143,634	15	207,574	132,954	4,816	-2,413	321	1,229,400
Rolling 12 Months Ending in June											
2007	1,484,587	34,686	8,436	294,140	60	436,221	239,319	7,717	-5,301	687	2,500,553
2008	1,499,959	26,961	6,007	324,736	63	430,402	230,178	9,041	-5,522	644	2,522,469

[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 June 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	**443,553**	**33,590**	**7,408**	**427,732**	**2,652**	**312,846**	**19,518**	**48,696**	**-962**	**8,097**	**1,303,129**
2005	**507,204**	**37,382**	**9,663**	**445,112**	**3,951**	**345,690**	**21,486**	**51,714**	**-1,174**	**6,318**	**1,427,346**
2006											
January	43,729	1,180	815	23,668	330	32,564	2,424	5,126	-104	546	110,278
February	40,287	898	621	25,853	282	28,048	2,166	4,463	-90	501	103,029
March	41,921	550	669	29,411	334	28,393	1,919	5,134	-83	544	108,792
April	34,463	567	700	29,754	324	27,708	2,122	4,911	-91	528	100,985
May	37,158	586	663	35,948	357	30,859	2,368	5,030	-93	539	113,415
June	40,972	841	700	45,257	345	31,635	2,363	4,859	-112	550	127,410
July	47,054	1,618	699	62,941	284	32,482	2,293	4,917	-129	578	152,736
August	47,219	1,658	715	61,610	392	32,258	1,942	4,717	-125	580	150,965
September	39,858	563	655	40,669	323	29,895	1,493	4,661	-109	518	118,525
October	41,102	722	718	39,339	319	25,653	1,522	5,129	-111	504	114,897
November	40,666	694	719	27,876	311	29,377	1,918	5,172	-104	506	107,136
December	43,926	744	729	30,029	308	33,006	1,861	5,223	-126	553	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
Total	**246,976**	**4,348**	**3,359**	**216,738**	**2,796**	**185,075**	**12,243**	**39,516**	**-295**	**3,404**	**714,160**
Year-to-Date											
2006	238,530	4,622	4,168	189,892	1,972	179,206	13,362	29,524	-573	3,206	663,909
2007	246,912	9,002	3,397	212,856	1,927	176,129	11,903	32,055	-604	3,177	696,755
2008	246,976	4,348	3,359	216,738	2,796	185,075	12,243	39,516	-295	3,404	714,160
Rolling 12 Months Ending in June											
2007	506,737	15,000	7,631	475,320	3,865	358,800	22,932	61,874	-1,308	6,416	1,457,267
2008	509,521	9,247	6,882	504,894	4,669	373,949	20,497	71,449	-1,260	6,682	1,506,531

[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 June 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	**1,323**	**462**	**7**	**4,051**	--	--	**105**	**1,541**	--	**781**	**8,270**
2005	**1,329**	**368**	**7**	**4,279**	--	--	**86**	**1,666**	--	**756**	**8,492**
2006											
January	117	26	*	322	2	--	13	141	--	63	684
February	112	29	1	298	2	--	11	130	--	60	643
March	99	31	1	333	2	--	12	113	--	51	643
April	86	24	--	306	2	--	9	130	--	68	625
May	98	17	--	363	2	--	9	149	--	75	713
June	113	15	--	381	2	--	10	130	--	73	724
July	123	18	*	439	2	--	3	132	--	66	783
August	127	16	1	437	2	--	*	131	--	65	780
September	100	12	1	369	2	--	3	129	--	66	682
October	95	10	1	392	2	--	3	134	--	66	704
November	108	14	1	347	2	--	10	136	--	64	682
December	111	23	1	358	2	--	10	140	--	65	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
Total	**837**	**48**	**3**	**2,136**	--	--	**56**	**835**	--	**360**	**4,276**
Year-to-Date											
2006	625	142	2	2,003	12	--	64	793	--	391	4,031
2007	628	122	4	2,172	11	--	57	798	--	378	4,169
2008	837	48	3	2,136	--	--	56	835	--	360	4,276
Rolling 12 Months Ending in June											
2007	1,292	215	9	4,514	23	--	86	1,599	--	770	8,509
2008	1,494	112	9	4,475	10	--	70	1,690	--	751	8,610

[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.

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

Table 1.5. Net Generation by Energy Source: Industrial Combined Heat and Power Sector, 1994 through June 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	**20,103**	**3,792**	**1,819**	**77,409**	**13,740**	--	**3,248**	**28,675**	--	**5,139**	**153,925**
2005	**19,791**	**3,773**	**1,606**	**70,380**	**12,356**	--	**3,195**	**28,887**	--	**4,751**	**144,739**
2006											
January	1,664	262	149	6,266	994	--	357	2,557	--	472	12,720
February	1,516	234	132	5,568	975	--	281	2,229	--	422	11,357
March	1,656	227	132	5,825	1,084	--	210	2,356	--	555	12,046
April	1,641	186	134	5,438	1,026	--	185	2,326	--	509	11,445
May	1,662	196	133	6,269	1,079	--	182	2,315	--	544	12,380
June	1,706	184	142	6,213	977	--	177	2,328	--	449	12,176
July	1,784	192	147	6,884	1,087	--	220	2,552	--	511	13,375
August	1,784	222	155	6,959	1,078	--	182	2,537	--	479	13,394
September	1,624	202	141	6,128	971	--	202	2,420	--	505	12,193
October	1,655	171	120	6,433	1,032	--	279	2,402	--	555	12,645
November	1,545	208	131	5,862	898	--	358	2,365	--	538	11,906
December	1,625	248	151	6,410	896	--	266	2,512	--	511	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
Total	**8,566**	**734**	**627**	**36,683**	**5,317**	--	**1,395**	**13,914**	--	**1,594**	**68,828**
Year-to-Date											
2006	9,845	1,289	822	35,580	6,135	--	1,392	14,111	--	2,951	72,124
2007	8,559	1,382	848	35,732	5,980	--	1,418	13,982	--	2,966	70,866
2008	8,566	734	627	36,683	5,317	--	1,395	13,914	--	1,594	68,828
Rolling 12 Months Ending in June											
2007	18,575	2,624	1,692	74,407	11,941	--	2,925	28,768	--	6,064	146,996
2008	17,152	1,671	1,524	75,811	10,847	--	2,246	28,690	--	4,551	142,491

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

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**10,741**	**11,139**	**-3.6**	**484**	**523**	**9,756**	**10,094**	**74**	**71**	**427**	**450**
Connecticut	2,653	2,859	-7.2	NM	NM	2,626	2,829	NM	NM	NM	23
Maine	1,202	1,255	-4.2	NM	NM	811	847	NM	17	373	391
Massachusetts	3,820	4,139	-7.7	NM	NM	3,685	4,015	48	45	NM	22
New Hampshire	1,866	1,939	-3.8	350	407	1,503	1,519	NM	1	NM	NM
Rhode Island	634	479	32.5	NM	2	629	472	NM	NM	--	NM
Vermont	566	469	20.7	NM	NM	NM	412	--	--	NM	NM
Middle Atlantic	**38,769**	**37,852**	**2.4**	**3,358**	**3,540**	**34,917**	**33,795**	**83**	**92**	**412**	**425**
New Jersey	6,281	5,699	10.2	NM	-14	6,233	5,634	NM	10	NM	69
New York	12,509	12,453	.4	3,322	3,516	9,046	8,778	44	55	97	104
Pennsylvania	19,979	19,699	1.4	NM	37	19,638	19,383	32	26	NM	253
East North Central	**56,641**	**57,223**	**-1.0**	**30,389**	**32,488**	**25,233**	**23,691**	**122**	**127**	**897**	**917**
Illinois	17,150	16,832	1.9	412	817	16,499	15,744	35	44	NM	227
Indiana	10,841	10,986	-1.3	9,647	9,897	867	808	20	24	NM	257
Michigan	10,392	10,595	-1.9	8,522	8,382	1,709	2,021	57	50	103	142
Ohio	13,041	13,381	-2.5	8,098	8,498	4,858	4,797	NM	--	86	86
Wisconsin	5,217	5,430	-3.9	3,710	4,895	1,300	320	NM	10	NM	205
West North Central	**26,112**	**26,847**	**-2.7**	**24,659**	**25,477**	**1,147**	**1,040**	**48**	**47**	**258**	**284**
Iowa	4,010	3,965	1.1	3,395	3,336	NM	508	23	18	75	103
Kansas	4,114	4,151	-.9	4,012	4,101	96	48	NM	--	NM	NM
Minnesota	4,357	4,546	-4.2	3,896	4,081	311	314	NM	8	142	143
Missouri	8,086	8,360	-3.3	7,927	8,210	129	115	15	19	NM	15
Nebraska	2,625	2,805	-6.4	2,620	2,799	NM	NM	NM	NM	NM	NM
North Dakota	2,496	2,476	.8	2,392	2,418	86	42	--	--	NM	16
South Dakota	425	543	-21.7	418	532	NM	11	--	--	--	--
South Atlantic	**75,628**	**74,687**	**1.3**	**62,461**	**61,733**	**11,648**	**11,295**	**66**	**50**	**1,454**	**1,609**
Delaware	806	784	2.7	NM	NM	728	699	--	--	75	84
District of Columbia	50	14	254.4	--	--	50	14	--	--	--	--
Florida	20,806	20,880	-.4	18,705	18,659	1,794	1,830	NM	7	299	385
Georgia	13,154	13,140	.1	11,793	11,851	948	867	NM	*	413	422
Maryland	4,338	4,264	1.8	NM	NM	4,287	4,210	NM	4	45	47
North Carolina	12,021	11,438	5.1	11,326	10,714	NM	510	11	2	159	212
South Carolina	9,054	9,380	-3.5	8,602	9,040	286	166	NM	7	159	167
Virginia	7,219	6,977	3.5	5,808	5,679	1,137	1,061	NM	29	NM	207
West Virginia	8,181	7,810	4.8	6,223	5,787	1,894	1,939	--	--	64	85
East South Central	**34,822**	**34,375**	**1.3**	**29,787**	**29,797**	**4,259**	**3,744**	**NM**	**12**	**766**	**822**
Alabama	13,559	13,406	1.1	11,356	11,504	1,805	1,515	--	--	398	387
Kentucky	7,909	8,231	-3.9	6,900	7,246	970	940	--	--	39	45
Mississippi	5,174	4,695	10.2	3,545	3,250	1,479	1,285	NM	2	NM	157
Tennessee	8,180	8,044	1.7	7,986	7,796	5	4	NM	10	181	233
West South Central	**60,879**	**56,155**	**8.4**	**22,942**	**21,406**	**32,235**	**29,171**	**NM**	**52**	**5,647**	**5,526**
Arkansas	5,136	4,995	2.8	4,079	3,795	913	1,056	NM	NM	144	144
Louisiana	8,609	8,275	4.0	4,156	3,974	2,227	2,083	NM	4	2,223	2,214
Oklahoma	7,348	6,338	15.9	5,423	4,547	1,815	1,699	NM	NM	NM	90
Texas	39,787	36,547	8.9	9,285	9,090	27,281	24,333	NM	46	3,173	3,078
Mountain	**32,259**	**31,910**	**1.1**	**26,079**	**24,558**	**5,833**	**7,012**	**NM**	**22**	**NM**	**317**
Arizona	10,441	10,306	1.3	8,166	7,503	2,234	2,764	NM	NM	NM	33
Colorado	4,411	4,554	-3.1	3,560	3,531	849	1,008	--	9	NM	6
Idaho	NM	1,114	--	NM	871	NM	191	--	--	41	52
Montana	2,534	2,478	2.3	NM	718	1,374	1,750	--	--	NM	NM
Nevada	2,753	2,927	-5.9	1,926	1,924	789	970	--	--	NM	32
New Mexico	3,392	2,896	17.1	3,190	2,746	NM	141	NM	NM	NM	NM
Utah	3,712	3,692	.6	3,496	3,499	NM	81	NM	3	136	109
Wyoming	3,580	3,944	-9.2	3,335	3,767	NM	106	--	--	70	70
Pacific Contiguous	**36,300**	**31,355**	**15.8**	**25,996**	**18,964**	**8,735**	**10,678**	**NM**	**203**	**1,393**	**1,510**
California	19,063	18,305	4.1	9,736	7,787	7,873	8,939	NM	198	1,283	1,381
Oregon	4,915	4,285	14.7	4,437	3,389	415	810	NM	NM	NM	86
Washington	12,323	8,765	40.6	NM	7,788	447	929	NM	5	48	43
Pacific Noncontiguous	**1,480**	**1,541**	**-3.9**	**1,049**	**1,092**	**349**	**369**	**48**	**42**	**NM**	**37**
Alaska	514	552	-6.9	469	506	NM	16	17	15	NM	15
Hawaii	966	989	-2.3	581	586	333	354	31	27	NM	22
U.S. Total	**373,632**	**363,084**	**2.9**	**227,204**	**219,578**	**134,111**	**130,890**	**695**	**719**	**11,622**	**11,897**

* = 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 June 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	**59,974**	**63,528**	**-5.6**	**2,751**	**3,124**	**54,005**	**57,253**	**409**	**429**	**2,810**	**2,723**
Connecticut	14,944	16,039	-6.8	NM	NM	14,766	15,850	NM	NM	135	148
Maine	7,886	7,980	-1.2	NM	NM	5,346	5,564	88	88	2,451	2,328
Massachusetts	19,721	22,375	-11.9	NM	328	19,011	21,620	267	278	NM	148
New Hampshire	10,409	11,096	-6.2	2,014	2,382	8,309	8,617	NM	12	NM	85
Rhode Island	3,440	2,868	19.9	NM	7	3,409	2,829	NM	31	*	NM
Vermont	3,574	3,171	12.7	NM	386	NM	2,773	--	--	NM	13
Middle Atlantic	**207,112**	**212,030**	**-2.3**	**19,678**	**21,920**	**184,410**	**186,933**	**580**	**590**	**2,444**	**2,587**
New Jersey	31,123	28,855	7.9	NM	183	30,493	28,200	NM	59	NM	414
New York	67,067	72,295	-7.2	18,579	20,981	47,553	50,308	329	340	605	667
Pennsylvania	108,923	110,880	-1.8	NM	756	106,363	108,425	197	192	1,477	1,506
East North Central	**324,485**	**325,222**	**-.2**	**178,183**	**188,067**	**140,235**	**130,945**	**645**	**704**	**5,422**	**5,507**
Illinois	95,815	97,481	-1.7	1,897	4,856	92,387	90,982	234	264	1,298	1,378
Indiana	63,612	64,505	-1.4	56,984	58,442	4,763	4,354	98	124	NM	1,586
Michigan	58,488	59,624	-1.9	48,107	50,002	9,508	8,505	253	258	620	859
Ohio	76,260	73,118	4.3	49,417	47,392	26,320	25,260	NM	--	NM	466
Wisconsin	30,310	30,494	-.6	21,779	27,374	7,257	1,843	NM	58	NM	1,219
West North Central	**153,901**	**149,487**	**3.0**	**144,519**	**141,600**	**7,476**	**5,942**	**286**	**271**	**1,620**	**1,674**
Iowa	25,723	23,212	10.8	21,681	19,868	3,362	2,589	NM	119	535	635
Kansas	21,634	23,922	-9.6	21,003	23,481	621	437	NM	--	NM	NM
Minnesota	27,081	26,207	3.3	23,678	22,992	2,498	2,335	NM	50	850	831
Missouri	45,581	43,434	4.9	44,875	43,037	535	220	81	93	NM	84
Nebraska	15,729	14,948	5.2	15,694	14,913	NM	NM	NM	NM	NM	24
North Dakota	15,007	15,035	-.2	14,503	14,657	394	284	--	--	NM	95
South Dakota	3,147	2,730	15.3	3,084	2,653	62	77	--	--	--	--
South Atlantic	**398,228**	**398,976**	**-.2**	**332,147**	**330,353**	**56,684**	**58,339**	**321**	**292**	**9,075**	**9,992**
Delaware	3,743	3,631	3.1	NM	NM	3,343	3,060	--	--	392	564
District of Columbia	55	15	254.9	--	--	55	15	--	--	--	--
Florida	105,779	105,296	.5	94,499	93,916	9,325	8,899	NM	44	1,907	2,438
Georgia	68,106	68,352	-.4	63,425	63,450	2,137	2,340	NM	2	2,544	2,560
Maryland	23,667	24,405	-3.0	NM	NM	23,384	24,077	25	24	252	292
North Carolina	62,965	62,616	.6	59,583	58,992	NM	2,365	50	21	1,084	1,238
South Carolina	50,432	50,788	-.7	48,954	49,323	517	449	NM	42	923	973
Virginia	35,967	37,941	-5.2	29,912	31,396	4,534	5,134	NM	158	1,362	1,253
West Virginia	47,514	45,930	3.4	35,760	33,256	11,142	12,000	--	--	612	675
East South Central	**189,288**	**187,085**	**1.2**	**167,487**	**164,773**	**17,027**	**17,466**	**NM**	**69**	**4,715**	**4,777**
Alabama	71,772	68,131	5.3	64,549	60,060	4,896	5,785	--	--	2,326	2,286
Kentucky	47,952	47,722	.5	42,053	41,959	5,625	5,498	--	--	275	266
Mississippi	24,748	23,705	4.4	17,392	16,663	6,464	6,140	NM	7	NM	895
Tennessee	44,816	47,526	-5.7	43,494	46,091	42	43	NM	62	1,225	1,329
West South Central	**305,671**	**294,784**	**3.7**	**116,647**	**113,564**	**156,404**	**148,225**	**NM**	**276**	**32,328**	**32,718**
Arkansas	25,943	25,973	-.1	21,711	22,030	3,244	2,973	NM	NM	NM	969
Louisiana	43,946	43,714	.5	20,098	19,775	11,038	10,821	NM	22	12,793	13,097
Oklahoma	36,660	34,325	6.8	28,392	25,619	7,701	8,227	NM	11	NM	468
Texas	199,121	190,772	4.4	46,446	46,141	134,422	126,204	NM	242	17,997	18,184
Mountain	**177,209**	**172,753**	**2.6**	**141,381**	**138,304**	**33,955**	**32,625**	**NM**	**89**	**1,775**	**1,735**
Arizona	54,149	52,582	3.0	45,009	43,433	8,907	8,920	NM	36	NM	193
Colorado	25,975	25,606	1.4	20,384	20,444	5,549	5,108	27	16	NM	38
Idaho	6,503	5,996	8.5	NM	4,783	1,268	925	--	--	262	288
Montana	14,386	14,276	.8	NM	3,564	10,817	10,655	--	--	NM	57
Nevada	15,128	15,335	-1.3	10,133	10,196	4,827	4,964	--	--	NM	175
New Mexico	16,360	16,958	-3.5	15,132	16,006	NM	912	NM	24	NM	15
Utah	22,597	20,632	9.5	21,609	19,757	NM	414	NM	13	569	448
Wyoming	22,111	21,368	3.5	20,618	20,120	NM	728	--	--	500	521
Pacific Contiguous	**191,946**	**183,045**	**4.9**	**120,410**	**116,113**	**61,999**	**56,847**	**1,082**	**1,168**	**8,455**	**8,917**
California	103,617	98,925	4.7	47,044	42,907	48,043	46,951	NM	1,118	7,489	7,949
Oregon	30,709	28,029	9.6	23,975	22,991	6,072	4,359	NM	NM	660	676
Washington	57,620	56,091	2.7	49,391	50,215	7,884	5,537	NM	48	306	291
Pacific Noncontiguous	**8,853**	**9,168**	**-3.4**	**6,197**	**6,470**	**1,965**	**2,180**	**505**	**282**	**185**	**237**
Alaska	3,478	3,415	1.8	2,971	3,108	NM	91	329	121	NM	95
Hawaii	5,375	5,753	-6.6	3,226	3,361	1,869	2,088	176	161	NM	142
U.S. Total	**2,016,665**	**1,996,077**	**1.0**	**1,229,400**	**1,224,287**	**714,160**	**696,755**	**4,276**	**4,169**	**68,828**	**70,866**

* = 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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**1,539**	**1,810**	**-15.0**	**268**	**335**	**1,242**	**1,448**	**--**	**--**	**NM**	**27**
Connecticut	378	370	2.3	--	--	378	370	--	--	--	--
Maine	50	36	41.4	--	--	25	13	--	--	25	22
Massachusetts	843	1,070	-21.2	--	--	838	1,065	--	--	NM	NM
New Hampshire	268	335	-20.1	268	335	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**12,959**	**13,380**	**-3.2**	**NM**	**104**	**12,774**	**13,130**	**NM**	**NM**	**158**	**144**
New Jersey	850	978	-13.1	NM	NM	840	973	--	--	--	--
New York	1,643	1,761	-6.7	NM	99	1,584	1,617	1	1	43	44
Pennsylvania	10,466	10,641	-1.6	--	--	10,350	10,540	NM	NM	NM	100
East North Central	**38,593**	**39,306**	**-1.8**	**26,942**	**28,121**	**11,266**	**10,769**	**49**	**47**	**336**	**369**
Illinois	8,199	7,944	3.2	NM	737	7,678	7,004	3	5	177	199
Indiana	10,072	10,307	-2.3	9,452	9,664	600	619	16	19	NM	NM
Michigan	6,087	6,010	1.3	5,990	5,917	NM	38	27	19	34	36
Ohio	10,876	11,468	-5.2	7,910	8,328	2,942	3,104	NM	--	NM	36
Wisconsin	3,358	3,577	-6.1	3,250	3,475	NM	NM	NM	4	95	94
West North Central	**19,441**	**19,761**	**-1.6**	**19,222**	**19,514**	**4**	**4**	**34**	**32**	**181**	**210**
Iowa	3,089	2,981	3.6	2,995	2,862	--	--	19	16	74	103
Kansas	2,879	3,033	-5.1	2,879	3,033	--	--	--	--	--	--
Minnesota	2,629	2,714	-3.1	2,546	2,630	4	4	--	--	NM	79
Missouri	6,469	6,755	-4.2	6,441	6,725	--	--	15	16	NM	14
Nebraska	1,779	1,716	3.7	1,775	1,712	--	--	--	--	NM	NM
North Dakota	2,286	2,299	-.6	2,277	2,290	--	--	--	--	NM	10
South Dakota	309	263	17.7	309	263	--	--	--	--	--	--
South Atlantic	**39,257**	**38,666**	**1.5**	**32,855**	**32,100**	**6,071**	**6,276**	**NM**	**2**	**319**	**288**
Delaware	473	525	-9.9	--	--	466	517	--	--	NM	8
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	5,793	6,063	-4.5	5,334	5,560	NM	482	--	--	NM	21
Georgia	7,986	7,914	.9	7,918	7,854	--	--	--	--	69	60
Maryland	2,592	2,604	-.5	--	--	2,571	2,582	--	--	21	22
North Carolina	7,276	6,859	6.1	6,933	6,554	NM	277	11	2	NM	26
South Carolina	4,132	3,824	8.1	4,100	3,800	--	--	--	--	NM	24
Virginia	2,967	3,205	-7.4	2,409	2,607	NM	523	NM	--	NM	75
West Virginia	8,036	7,671	4.8	6,161	5,726	1,837	1,895	--	--	39	51
East South Central	**21,091**	**21,627**	**-2.5**	**19,931**	**20,466**	**990**	**1,000**	**NM**	**2**	**NM**	**159**
Alabama	6,747	7,181	-6.1	6,709	7,144	15	17	--	--	NM	20
Kentucky	7,292	7,703	-5.3	6,614	7,029	678	674	--	--	--	--
Mississippi	1,717	1,648	4.2	1,414	1,339	297	309	--	--	NM	--
Tennessee	5,335	5,096	4.7	5,194	4,954	--	--	NM	2	139	139
West South Central	**20,656**	**20,409**	**1.2**	**11,758**	**11,567**	**8,822**	**8,784**	**--**	**--**	**NM**	**59**
Arkansas	2,082	2,022	3.0	2,073	2,014	--	--	--	--	NM	8
Louisiana	2,148	2,220	-3.3	1,046	1,119	1,098	1,096	--	--	NM	5
Oklahoma	3,360	2,987	12.5	3,132	2,736	165	205	--	--	NM	45
Texas	13,066	13,180	-.9	5,507	5,698	7,560	7,483	--	--	--	--
Mountain	**17,059**	**17,611**	**-3.1**	**15,759**	**15,986**	**1,131**	**1,468**	**--**	**--**	**169**	**158**
Arizona	3,552	3,641	-2.4	3,518	3,611	--	--	--	--	NM	29
Colorado	2,976	3,018	-1.4	2,962	2,993	NM	25	--	--	--	--
Idaho	NM	7	--	--	--	--	--	--	--	NM	7
Montana	995	1,375	-27.7	NM	NM	963	1,345	--	--	--	--
Nevada	518	613	-15.4	518	613	--	--	--	--	--	--
New Mexico	2,525	2,180	15.8	2,525	2,180	--	--	--	--	--	--
Utah	3,107	3,052	1.8	2,962	2,906	NM	37	--	--	109	109
Wyoming	3,379	3,726	-9.3	3,242	3,653	118	NM	--	--	20	13
Pacific Contiguous	**504**	**1,234**	**-59.2**	**185**	**411**	**280**	**781**	**--**	**--**	**38**	**42**
California	200	205	-2.3	--	--	164	165	--	--	37	40
Oregon	185	411	-55.0	185	411	--	--	--	--	--	--
Washington	118	617	-80.8	--	--	117	616	--	--	2	1
Pacific Noncontiguous	**189**	**185**	**2.3**	**17**	**17**	**156**	**154**	**16**	**13**	**--**	**--**
Alaska	49	46	5.3	17	17	NM	16	16	13	--	--
Hawaii	140	139	1.3	--	--	140	139	--	--	--	--
U.S. Total	**171,287**	**173,990**	**-1.6**	**126,962**	**128,622**	**42,737**	**43,814**	**114**	**99**	**1,474**	**1,456**

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 June 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	**8,802**	**10,254**	**-14.2**	**1,595**	**1,782**	**7,067**	**8,323**	**--**	**--**	**NM**	**148**
Connecticut	2,101	2,108	-.3	--	--	2,101	2,108	--	--	--	--
Maine	228	198	15.2	--	--	115	74	--	--	113	123
Massachusetts	4,877	6,166	-20.9	--	--	4,851	6,141	--	--	NM	25
New Hampshire	1,595	1,782	-10.5	1,595	1,782	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**74,141**	**76,667**	**-3.3**	**NM**	**868**	**72,610**	**74,890**	**NM**	**17**	**834**	**892**
New Jersey	4,454	4,495	-.9	NM	265	4,130	4,230	--	--	--	--
New York	9,927	10,826	-8.3	NM	602	9,317	9,917	15	13	242	295
Pennsylvania	59,761	61,345	-2.6	--	--	59,163	60,743	NM	NM	NM	597
East North Central	**227,419**	**223,333**	**1.8**	**160,153**	**160,431**	**64,856**	**60,462**	**233**	**272**	**2,177**	**2,168**
Illinois	46,796	46,229	1.2	1,686	4,611	43,964	40,394	18	42	1,127	1,181
Indiana	60,030	61,269	-2.0	56,183	57,517	3,745	3,630	74	95	NM	27
Michigan	34,719	33,659	3.1	34,132	33,105	NM	221	118	114	224	218
Ohio	65,941	63,075	4.5	48,863	46,673	16,835	16,193	NM	--	NM	209
Wisconsin	19,933	19,101	4.4	19,288	18,524	NM	NM	NM	21	NM	532
West North Central	**116,433**	**111,842**	**4.1**	**115,029**	**110,380**	**13**	**18**	**198**	**187**	**1,193**	**1,257**
Iowa	20,053	17,495	14.6	19,400	16,760	--	--	NM	99	534	635
Kansas	16,570	17,585	-5.8	16,570	17,585	--	--	--	--	--	--
Minnesota	16,410	16,019	2.4	15,907	15,538	13	18	--	--	NM	463
Missouri	36,712	36,801	-.2	36,549	36,636	--	--	80	88	NM	78
Nebraska	10,946	8,443	29.6	10,921	8,419	--	--	--	--	NM	24
North Dakota	13,908	14,034	-.9	13,848	13,977	--	--	--	--	NM	57
South Dakota	1,834	1,465	25.2	1,834	1,465	--	--	--	--	--	--
South Atlantic	**215,890**	**214,671**	**.6**	**180,700**	**177,694**	**33,239**	**35,202**	**NM**	**16**	**1,909**	**1,758**
Delaware	2,784	2,428	14.6	--	--	2,733	2,381	--	--	NM	47
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	31,983	32,520	-1.7	29,544	29,898	2,298	2,490	--	--	NM	132
Georgia	44,017	44,327	-.7	43,565	43,949	--	--	--	--	452	378
Maryland	13,526	14,543	-7.0	--	--	13,414	14,410	--	--	112	133
North Carolina	39,143	39,132	.0	37,457	37,453	NM	1,490	42	16	NM	174
South Carolina	21,572	19,700	9.5	21,382	19,528	--	--	--	--	NM	172
Virginia	16,459	17,253	-4.6	13,335	13,988	2,601	2,828	NM	--	NM	437
West Virginia	46,407	44,767	3.7	35,416	32,879	10,722	11,604	--	--	269	284
East South Central	**120,169**	**121,718**	**-1.3**	**113,462**	**114,948**	**5,748**	**5,793**	**NM**	**25**	**941**	**953**
Alabama	37,591	38,918	-3.4	37,387	38,720	84	86	--	--	NM	112
Kentucky	44,385	44,437	-.1	40,164	40,252	4,221	4,185	--	--	--	--
Mississippi	9,024	8,960	.7	7,577	7,435	1,442	1,522	--	--	NM	3
Tennessee	29,169	29,403	-.8	28,335	28,541	--	--	NM	25	816	838
West South Central	**113,898**	**110,361**	**3.2**	**64,800**	**62,070**	**48,708**	**47,951**	**--**	**--**	**NM**	**340**
Arkansas	11,965	12,424	-3.7	11,901	12,369	--	--	--	--	NM	55
Louisiana	11,964	10,528	13.6	5,524	4,430	6,423	6,081	--	--	NM	17
Oklahoma	18,158	17,092	6.2	16,944	15,775	905	1,048	--	--	NM	269
Texas	71,811	70,317	2.1	30,431	29,495	41,380	40,822	--	--	--	--
Mountain	**101,041**	**101,267**	**-.2**	**90,745**	**91,507**	**9,529**	**8,981**	**--**	**--**	**767**	**780**
Arizona	20,639	20,369	1.3	20,453	20,186	--	--	--	--	NM	183
Colorado	17,304	18,055	-4.2	17,209	17,923	NM	131	--	--	--	--
Idaho	NM	40	--	--	--	--	--	--	--	NM	40
Montana	8,852	8,475	4.5	NM	NM	8,667	8,304	--	--	--	--
Nevada	3,069	3,108	-1.3	3,069	3,108	--	--	--	--	--	--
New Mexico	11,967	13,339	-10.3	11,967	13,339	--	--	--	--	--	--
Utah	18,404	17,697	4.0	17,786	17,045	NM	205	--	--	420	447
Wyoming	20,763	20,185	2.9	20,076	19,734	NM	341	--	--	NM	110
Pacific Contiguous	**6,185**	**6,506**	**-4.9**	**1,666**	**1,874**	**4,302**	**4,369**	**--**	**--**	**217**	**262**
California	1,060	1,118	-5.2	--	--	860	886	--	--	200	232
Oregon	1,666	1,874	-11.1	1,666	1,874	--	--	--	--	--	--
Washington	3,459	3,513	-1.6	--	--	3,441	3,483	--	--	18	30
Pacific Noncontiguous	**1,338**	**1,142**	**17.2**	**108**	**107**	**903**	**923**	**326**	**112**	**--**	**--**
Alaska	530	310	71.2	108	107	NM	91	326	112	--	--
Hawaii	808	832	-2.9	--	--	808	832	--	--	--	--
U.S. Total	**985,315**	**977,760**	**.8**	**728,936**	**721,660**	**246,976**	**246,912**	**837**	**628**	**8,566**	**8,559**

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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**383**	**387**	**-.9**	**26**	**28**	**318**	**328**	**NM**	**4**	**32**	**27**
Connecticut	85	88	-2.4	NM	NM	82	86	NM	--	NM	NM
Maine	44	21	108.6	NM	NM	24	NM	NM	*	19	20
Massachusetts	214	228	-6.1	NM	NM	203	222	NM	2	NM	NM
New Hampshire	36	46	-23.4	21	24	NM	20	NM	1	NM	2
Rhode Island	NM	3	--	NM	2	NM	--	NM	NM	--	NM
Vermont	NM	1	--	NM	1	--	--	--	--	--	--
Middle Atlantic	**569**	**663**	**-14.3**	**226**	**310**	**327**	**336**	**NM**	**3**	**NM**	**14**
New Jersey	44	29	53.4	NM	NM	42	25	NM	NM	NM	NM
New York	398	478	-16.7	224	306	166	157	NM	3	7	12
Pennsylvania	126	157	-19.3	NM	NM	120	154	NM	NM	NM	NM
East North Central	**143**	**NM**	**--**	**121**	**NM**	**16**	**16**	**NM**	**NM**	**6**	**6**
Illinois	17	11	55.7	NM	NM	9	8	NM	NM	NM	--
Indiana	19	13	49.0	18	10	NM	--	NM	*	NM	2
Michigan	56	NM	--	54	NM	NM	NM	NM	--	2	2
Ohio	36	31	18.0	30	22	6	8	--	--	NM	*
Wisconsin	15	12	25.8	13	10	NM	NM	NM	*	NM	NM
West North Central	**60**	**55**	**9.1**	**57**	**54**	**NM**	**1**	**NM**	**NM**	**NM**	**NM**
Iowa	23	25	-9.1	22	25	NM	1	NM	*	NM	--
Kansas	NM	3	--	NM	3	--	--	NM	--	--	--
Minnesota	NM	11	--	NM	11	NM	NM	NM	NM	NM	NM
Missouri	12	NM	--	12	NM	--	--	NM	*	NM	--
Nebraska	NM	NM	--	NM	NM	--	--	--	*	--	--
North Dakota	6	NM	--	5	NM	--	--	--	--	NM	*
South Dakota	NM	NM	--	NM	NM	--	--	--	--	--	--
South Atlantic	**1,705**	**1,981**	**-13.9**	**1,509**	**1,801**	**157**	**118**	**NM**	**NM**	**38**	**62**
Delaware	24	21	10.8	NM	NM	21	15	--	--	3	7
District of Columbia	50	14	254.4	--	--	50	14	--	--	--	--
Florida	1,276	1,610	-20.8	1,263	1,583	NM	17	NM	--	NM	10
Georgia	22	14	61.6	5	5	NM	NM	NM	*	17	8
Maryland	74	66	11.6	NM	NM	70	63	NM	NM	NM	NM
North Carolina	21	28	-27.1	14	12	NM	NM	NM	NM	NM	16
South Carolina	NM	21	--	NM	8	--	--	NM	NM	1	13
Virginia	201	184	9.2	190	170	10	8	--	*	NM	6
West Virginia	10	22	-53.8	10	22	--	--	--	--	--	--
East South Central	**59**	**87**	**-32.0**	**52**	**81**	**NM**	**1**	**--**	**--**	**NM**	**5**
Alabama	NM	13	--	9	10	NM	*	--	--	NM	3
Kentucky	19	11	71.7	17	10	NM	1	--	--	--	--
Mississippi	12	47	-74.1	12	47	--	--	--	--	NM	*
Tennessee	14	16	-9.8	14	14	--	--	--	--	NM	NM
West South Central	**NM**	**43**	**--**	**16**	**27**	**11**	**8**	**NM**	**NM**	**NM**	**7**
Arkansas	6	NM	--	6	NM	--	--	--	--	NM	2
Louisiana	13	9	48.9	9	5	2	2	--	--	NM	2
Oklahoma	NM	6	--	NM	4	--	--	NM	*	NM	2
Texas	11	10	15.5	NM	NM	9	7	NM	NM	NM	1
Mountain	**26**	**21**	**26.1**	**21**	**15**	**NM**	**5**	**NM**	**--**	**NM**	**NM**
Arizona	NM	2	--	NM	1	--	--	NM	--	NM	*
Colorado	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Idaho	NM	NM	--	NM	NM	--	--	--	--	NM	--
Montana	2	NM	--	NM	NM	2	NM	--	--	--	--
Nevada	NM	2	--	NM	2	*	--	--	--	--	--
New Mexico	NM	2	--	NM	2	NM	NM	--	--	NM	--
Utah	NM	7	--	NM	5	NM	3	--	--	--	--
Wyoming	7	NM	--	7	NM	NM	NM	--	--	NM	*
Pacific Contiguous	**11**	**46**	**-75.5**	**6**	**6**	**3**	**13**	**NM**	**NM**	**NM**	**27**
California	5	41	-87.3	4	5	NM	10	NM	NM	NM	26
Oregon	NM	*	--	1	*	--	--	NM	--	NM	--
Washington	5	5	6.4	NM	NM	3	3	NM	--	NM	1
Pacific Noncontiguous	**799**	**854**	**-6.5**	**636**	**666**	**142**	**166**	**NM**	**2**	**NM**	**20**
Alaska	63	88	-28.7	58	82	--	--	NM	2	NM	4
Hawaii	736	766	-3.9	578	584	142	166	*	*	NM	16
U.S. Total	**3,789**	**4,238**	**-10.6**	**2,671**	**3,067**	**983**	**992**	**11**	**10**	**124**	**168**

* = 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 June 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	**1,814**	**3,663**	**-50.5**	**NM**	**300**	**NM**	**2,944**	**NM**	**51**	**213**	**368**
Connecticut	NM	796	--	NM	NM	NM	770	NM	NM	NM	25
Maine	258	519	-50.2	NM	NM	100	245	NM	1	157	272
Massachusetts	NM	1,927	--	NM	NM	NM	1,820	NM	28	NM	46
New Hampshire	159	394	-59.6	48	255	NM	102	NM	12	NM	25
Rhode Island	NM	23	--	NM	7	NM	7	NM	9	*	NM
Vermont	NM	4	--	NM	4	--	--	--	--	--	--
Middle Atlantic	**NM**	**6,880**	**--**	**NM**	**3,125**	**NM**	**3,588**	**13**	**47**	**NM**	**120**
New Jersey	243	321	-24.2	NM	NM	NM	279	NM	NM	NM	NM
New York	NM	5,682	--	NM	3,082	NM	2,463	10	44	64	94
Pennsylvania	NM	877	--	NM	NM	507	847	NM	3	NM	24
East North Central	**618**	**631**	**-2.1**	**482**	**473**	**101**	**98**	**NM**	**1**	**31**	**59**
Illinois	90	69	30.7	NM	NM	72	53	NM	NM	NM	*
Indiana	105	86	22.6	100	66	NM	NM	NM	*	NM	19
Michigan	218	225	-3.1	202	203	NM	NM	3	*	12	20
Ohio	149	160	-7.2	118	118	NM	40	--	--	NM	3
Wisconsin	NM	91	--	43	70	NM	4	NM	*	NM	17
West North Central	**248**	**399**	**-37.8**	**241**	**385**	**NM**	**5**	**NM**	**3**	**NM**	**NM**
Iowa	67	101	-33.6	64	97	NM	3	NM	*	NM	NM
Kansas	27	25	6.1	27	25	--	--	NM	--	--	--
Minnesota	NM	131	--	NM	123	NM	2	NM	3	NM	NM
Missouri	43	41	3.5	43	41	--	--	NM	*	--	--
Nebraska	NM	NM	--	NM	NM	--	--	--	*	--	--
North Dakota	28	27	1.6	27	25	--	--	--	--	NM	2
South Dakota	NM	45	--	NM	45	--	--	--	--	--	--
South Atlantic	**5,810**	**9,808**	**-40.8**	**5,075**	**8,183**	**515**	**1,192**	**NM**	**NM**	**220**	**428**
Delaware	102	150	-31.7	NM	NM	NM	131	--	--	22	19
District of Columbia	55	15	254.9	--	--	55	15	--	--	--	--
Florida	4,449	6,913	-35.6	4,382	6,686	NM	136	NM	--	NM	91
Georgia	112	93	20.2	36	38	5	NM	NM	2	70	52
Maryland	NM	660	--	NM	NM	NM	631	NM	NM	NM	17
North Carolina	171	251	-32.1	124	123	NM	NM	NM	NM	46	115
South Carolina	75	151	-50.1	63	79	*	*	NM	NM	11	71
Virginia	522	1,460	-64.3	387	1,150	120	263	--	1	15	47
West Virginia	77	114	-32.5	77	96	*	1	--	--	--	17
East South Central	**299**	**647**	**-53.8**	**244**	**559**	**NM**	**16**	**--**	**--**	**NM**	**72**
Alabama	90	97	-7.0	51	42	13	2	--	--	NM	52
Kentucky	63	64	-1.1	52	51	NM	13	--	--	--	--
Mississippi	20	391	-94.8	17	389	--	--	--	--	NM	2
Tennessee	125	96	30.7	124	77	--	--	--	--	NM	19
West South Central	**233**	**508**	**-54.1**	**113**	**379**	**79**	**69**	**NM**	**NM**	**40**	**58**
Arkansas	26	84	-68.8	23	72	--	--	--	--	3	NM
Louisiana	81	143	-43.5	60	117	7	8	--	--	NM	18
Oklahoma	NM	153	--	NM	137	--	--	NM	*	NM	16
Texas	104	127	-18.1	23	54	72	62	NM	NM	NM	NM
Mountain	**153**	**144**	**6.4**	**111**	**101**	**41**	**41**	**NM**	**--**	**NM**	**NM**
Arizona	NM	23	--	NM	22	--	--	NM	--	NM	1
Colorado	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Idaho	NM	NM	--	NM	NM	--	--	--	--	NM	--
Montana	7	NM	--	NM	NM	7	NM	--	--	--	--
Nevada	6	NM	--	6	NM	*	--	--	--	--	--
New Mexico	25	18	40.1	25	17	NM	NM	--	--	NM	*
Utah	NM	37	--	14	NM	NM	16	--	--	--	--
Wyoming	28	22	23.8	27	22	NM	NM	--	--	NM	1
Pacific Contiguous	**89**	**250**	**-64.4**	**43**	**36**	**23**	**72**	**NM**	**NM**	**23**	**138**
California	60	221	-72.7	32	30	17	66	NM	NM	NM	122
Oregon	NM	11	--	8	2	--	--	NM	--	NM	9
Washington	16	18	-7.3	NM	NM	5	6	NM	NM	9	8
Pacific Noncontiguous	**4,472**	**4,949**	**-9.6**	**3,619**	**3,831**	**767**	**978**	**NM**	**10**	**83**	**131**
Alaska	424	521	-18.6	403	481	--	--	NM	9	NM	32
Hawaii	4,048	4,428	-8.6	3,215	3,351	767	978	*	1	NM	99
U.S. Total	**15,913**	**27,879**	**-42.9**	**10,782**	**17,372**	**4,348**	**9,002**	**48**	**122**	**734**	**1,382**

* = 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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**NM**	**31**	--	--	--	**11**	**NM**	--	--	**NM**	**18**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	11	NM	--	--	--	11	NM	--	--	--	--
Pennsylvania	NM	19	--	--	--	NM	NM	--	--	NM	18
East North Central	**170**	**170**	**.1**	**52**	**48**	**92**	**97**	--	--	**26**	**25**
Illinois	NM	--	--	NM	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	5	8	-32.2	--	2	5	6	--	--	--	--
Ohio	88	92	-4.0	--	--	87	91	--	--	NM	1
Wisconsin	77	70	8.9	52	46	--	--	--	--	25	24
West North Central	**16**	**24**	**-33.7**	**16**	**24**	--	--	--	--	--	--
Iowa	4	NM	--	4	NM	--	--	--	--	--	--
Kansas	2	--	--	2	--	--	--	--	--	--	--
Minnesota	10	17	-44.0	10	17	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**333**	**543**	**-38.6**	**287**	**492**	--	--	--	--	**46**	**50**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	287	492	-41.8	287	492	--	--	--	--	--	--
Georgia	46	50	-8.3	--	--	--	--	--	--	46	50
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**251**	**255**	**-1.6**	--	--	**251**	**255**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	251	255	-1.6	--	--	251	255	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**236**	**285**	**-17.4**	**137**	**151**	**83**	**104**	--	--	**NM**	**30**
Arkansas	NM	NM	--	--	--	--	--	--	--	NM	NM
Louisiana	144	169	-14.6	137	151	--	--	--	--	NM	18
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	91	116	-21.4	--	--	83	104	--	--	NM	12
Mountain	**41**	**30**	**34.2**	--	--	**41**	**30**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	41	30	34.2	--	--	41	30	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**122**	**185**	**-34.2**	--	--	**111**	**151**	--	--	**NM**	**35**
California	122	185	-34.2	--	--	111	151	--	--	NM	35
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**1,193**	**1,524**	**-21.8**	**491**	**716**	**588**	**650**	--	--	**113**	**158**

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 June 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**	**228**	--	--	--	**83**	**133**	--	--	**NM**	**95**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	62	125	-50.0	--	--	62	125	--	--	--	--
Pennsylvania	NM	103	--	--	--	NM	NM	--	--	NM	95
East North Central	**983**	**956**	**2.8**	**297**	**282**	**560**	**541**	--	--	**NM**	**133**
Illinois	NM	--	--	NM	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	35	50	-29.3	--	9	35	41	--	--	--	--
Ohio	535	507	5.4	--	--	525	501	--	--	NM	6
Wisconsin	414	400	3.5	297	273	--	--	--	--	NM	127
West North Central	**138**	**132**	**4.5**	**135**	**129**	--	--	**3**	**4**	--	--
Iowa	55	NM	--	52	NM	--	--	3	4	--	--
Kansas	35	--	--	35	--	--	--	--	--	--	--
Minnesota	48	98	-51.0	48	98	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**1,769**	**2,934**	**-39.7**	**1,532**	**2,652**	--	--	--	--	**237**	**282**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,532	2,652	-42.2	1,532	2,652	--	--	--	--	--	--
Georgia	237	282	-15.9	--	--	--	--	--	--	237	282
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**1,347**	**1,269**	**6.1**	--	--	**1,347**	**1,269**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	1,347	1,269	6.1	--	--	1,347	1,269	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**1,420**	**1,361**	**4.3**	**817**	**788**	**500**	**438**	--	--	**NM**	**134**
Arkansas	NM	NM	--	--	--	--	--	--	--	NM	NM
Louisiana	865	842	2.8	817	788	--	--	--	--	NM	54
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	554	518	6.9	--	--	500	438	--	--	NM	80
Mountain	**235**	**211**	**11.5**	--	--	**235**	**211**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	235	211	11.5	--	--	235	211	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**708**	**1,008**	**-29.7**	--	--	**633**	**804**	--	--	**NM**	**204**
California	708	1,008	-29.7	--	--	633	804	--	--	NM	204
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**6,770**	**8,100**	**-16.4**	**2,781**	**3,851**	**3,359**	**3,397**	**3**	**4**	**627**	**848**

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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**4,243**	**4,373**	**-3.0**	**35**	**28**	**4,015**	**4,130**	**46**	**48**	**148**	**167**
Connecticut	620	781	-20.6	*	--	602	757	NM	NM	NM	21
Maine	457	513	-11.0	--	--	342	390	NM	NM	114	123
Massachusetts	2,062	2,132	-3.3	34	26	1,977	2,051	40	41	NM	NM
New Hampshire	485	483	.4	*	1	478	473	--	--	NM	NM
Rhode Island	619	463	33.7	--	--	616	459	NM	NM	--	--
Vermont	*	*	2.7	*	*	--	--	--	--	--	--
Middle Atlantic	**8,589**	**7,832**	**9.7**	**1,339**	**1,501**	**7,109**	**6,154**	**38**	**53**	**104**	**124**
New Jersey	2,346	1,797	30.5	NM	NM	2,295	1,732	NM	10	NM	52
New York	4,239	4,199	1.0	1,333	1,496	2,867	2,653	19	30	21	20
Pennsylvania	2,004	1,836	9.2	NM	NM	1,948	1,769	NM	13	NM	52
East North Central	**2,753**	**3,298**	**-16.5**	**680**	**706**	**1,978**	**2,469**	**37**	**46**	**57**	**77**
Illinois	526	687	-23.4	57	71	418	554	32	39	NM	NM
Indiana	402	371	8.4	118	165	267	189	NM	1	17	16
Michigan	1,063	1,330	-20.1	159	NM	897	1,195	NM	NM	NM	NM
Ohio	407	362	12.5	111	108	293	251	--	--	NM	NM
Wisconsin	355	549	-35.3	234	248	103	281	NM	5	NM	NM
West North Central	**1,113**	**1,356**	**-17.9**	**945**	**1,114**	**155**	**221**	**NM**	**8**	**NM**	**NM**
Iowa	194	251	-23.0	193	251	NM	NM	NM	NM	*	--
Kansas	254	205	23.7	249	203	--	--	--	--	NM	NM
Minnesota	141	312	-54.7	100	191	34	106	NM	5	NM	NM
Missouri	438	480	-8.7	317	361	120	115	*	2	NM	NM
Nebraska	65	70	-6.9	65	70	NM	NM	NM	NM	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	1
South Dakota	NM	37	--	NM	37	--	--	--	--	--	--
South Atlantic	**15,554**	**13,680**	**13.7**	**11,991**	**10,624**	**3,468**	**2,963**	**NM**	**4**	**90**	**89**
Delaware	235	169	38.8	NM	NM	231	167	--	--	NM	NM
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	10,193	9,500	7.3	9,103	8,448	1,034	990	NM	3	NM	58
Georgia	1,760	1,788	-1.5	799	911	946	865	--	--	NM	NM
Maryland	248	166	49.7	--	--	242	158	NM	NM	NM	NM
North Carolina	801	503	59.4	656	362	144	138	*	*	NM	NM
South Carolina	968	583	66.1	688	421	280	161	NM	NM	*	1
Virginia	1,329	946	40.5	727	473	587	465	--	--	NM	NM
West Virginia	19	26	-26.2	16	7	NM	18	--	--	NM	NM
East South Central	**5,186**	**4,368**	**18.7**	**2,103**	**1,815**	**2,994**	**2,462**	**NM**	**10**	**83**	**81**
Alabama	2,524	2,259	11.7	698	738	1,773	1,477	--	--	52	43
Kentucky	168	134	25.8	120	112	39	9	--	--	NM	13
Mississippi	2,412	1,955	23.4	1,213	956	1,182	975	NM	2	NM	22
Tennessee	82	19	320.3	72	9	*	--	NM	8	NM	NM
West South Central	**29,701**	**26,548**	**11.9**	**7,306**	**6,334**	**17,703**	**15,803**	**NM**	**48**	**4,641**	**4,364**
Arkansas	1,129	1,247	-9.5	206	179	908	1,053	NM	NM	NM	14
Louisiana	4,216	3,972	6.1	1,508	1,426	932	838	NM	4	1,773	1,704
Oklahoma	3,471	2,923	18.8	1,958	1,500	1,496	1,408	NM	NM	NM	NM
Texas	20,885	18,407	13.5	3,634	3,229	14,368	12,503	NM	42	2,840	2,633
Mountain	**7,780**	**8,829**	**-11.9**	**4,114**	**4,033**	**3,566**	**4,697**	**NM**	**21**	**NM**	**78**
Arizona	3,693	4,168	-11.4	1,453	1,395	2,234	2,764	NM	NM	NM	4
Colorado	994	1,371	-27.5	402	442	589	917	--	9	NM	NM
Idaho	NM	92	--	NM	NM	NM	80	--	--	NM	NM
Montana	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada	1,869	1,992	-6.2	1,192	1,114	639	845	--	--	NM	32
New Mexico	692	599	15.5	635	546	NM	45	NM	NM	NM	NM
Utah	458	560	-18.3	409	518	NM	NM	NM	NM	NM	*
Wyoming	39	NM	--	NM	NM	NM	NM	--	--	29	31
Pacific Contiguous	**8,873**	**10,595**	**-16.3**	**2,091**	**2,106**	**5,599**	**7,276**	**NM**	**156**	**1,051**	**1,057**
California	8,552	9,480	-9.8	2,049	1,858	5,353	6,451	NM	154	1,020	1,017
Oregon	213	876	-75.7	6	166	178	672	NM	NM	NM	38
Washington	108	239	-54.9	NM	82	NM	154	NM	NM	2	2
Pacific Noncontiguous	**282**	**305**	**-7.5**	**275**	**295**	**--**	**--**	**--**	**--**	**NM**	**10**
Alaska	282	305	-7.5	275	295	--	--	--	--	NM	10
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**84,075**	**81,185**	**3.6**	**30,878**	**28,557**	**46,588**	**46,176**	**331**	**394**	**6,279**	**6,059**

* = 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 June 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	**23,060**	**23,437**	**-1.6**	**74**	**76**	**21,696**	**22,226**	**268**	**277**	**1,021**	**859**
Connecticut	3,746	4,626	-19.0	1	--	3,611	4,488	NM	NM	NM	118
Maine	3,137	3,075	2.0	--	--	2,358	2,464	NM	NM	779	611
Massachusetts	9,440	10,664	-11.5	72	73	9,066	10,281	227	235	NM	76
New Hampshire	3,385	2,305	46.8	1	2	3,331	2,249	--	--	NM	54
Rhode Island	3,351	2,766	21.2	--	--	3,330	2,744	NM	22	--	--
Vermont	1	1	10.6	1	1	--	--	--	--	--	--
Middle Atlantic	**36,550**	**34,185**	**6.9**	**6,735**	**6,351**	**28,724**	**26,795**	**332**	**300**	**759**	**739**
New Jersey	10,337	7,522	37.4	NM	NM	9,963	7,141	NM	58	NM	309
New York	19,381	19,814	-2.2	6,715	6,331	12,340	13,215	187	155	140	113
Pennsylvania	6,832	6,849	-.2	NM	NM	6,422	6,438	NM	87	NM	317
East North Central	**12,102**	**14,993**	**-19.3**	**2,410**	**3,083**	**9,027**	**11,196**	**265**	**268**	**401**	**446**
Illinois	1,720	2,888	-40.5	151	186	1,232	2,352	215	222	NM	128
Indiana	1,562	1,395	12.0	418	563	1,018	722	NM	8	120	102
Michigan	5,209	6,163	-15.5	439	448	4,707	5,594	NM	8	NM	115
Ohio	NM	1,317	--	NM	373	779	929	--	--	NM	NM
Wisconsin	2,629	3,230	-18.6	1,216	1,514	1,292	1,599	NM	30	NM	86
West North Central	**5,141**	**6,112**	**-15.9**	**4,132**	**5,072**	**932**	**939**	**NM**	**33**	**NM**	**NM**
Iowa	940	1,638	-42.6	936	1,636	NM	NM	NM	NM	1	--
Kansas	881	582	51.4	871	578	--	--	--	--	NM	NM
Minnesota	1,089	1,711	-36.3	584	914	448	718	NM	26	NM	NM
Missouri	1,973	1,613	22.3	1,488	1,388	483	220	*	3	NM	NM
Nebraska	205	453	-54.7	205	450	NM	NM	NM	NM	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	9
South Dakota	NM	106	--	NM	106	--	--	--	--	--	--
South Atlantic	**62,761**	**58,595**	**7.1**	**51,613**	**47,675**	**10,493**	**10,303**	**NM**	**27**	**626**	**590**
Delaware	502	557	-9.9	NM	NM	472	548	--	--	22	NM
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	48,871	43,766	11.7	43,378	38,889	5,152	4,493	NM	26	313	357
Georgia	5,059	5,956	-15.1	2,816	3,541	2,099	2,329	--	--	NM	86
Maryland	655	638	2.7	--	--	611	595	NM	NM	NM	42
North Carolina	1,497	1,423	5.2	1,301	1,251	184	168	*	*	NM	NM
South Carolina	2,645	2,355	12.3	2,157	1,930	486	421	NM	NM	2	4
Virginia	3,433	3,735	-8.1	1,921	2,009	1,426	1,647	--	--	NM	79
West Virginia	99	165	-39.9	33	47	65	102	--	--	NM	17
East South Central	**19,482**	**19,644**	**-.8**	**9,166**	**8,885**	**9,725**	**10,237**	**NM**	**44**	**550**	**477**
Alabama	8,892	9,684	-8.2	3,859	3,845	4,710	5,591	--	--	323	247
Kentucky	519	614	-15.5	395	506	45	30	--	--	NM	78
Mississippi	9,835	9,196	6.9	4,731	4,438	4,969	4,611	NM	7	NM	140
Tennessee	237	150	58.0	181	96	*	NM	NM	37	NM	NM
West South Central	**134,599**	**130,645**	**3.0**	**32,107**	**30,317**	**75,739**	**74,376**	**266**	**254**	**26,488**	**25,698**
Arkansas	3,847	3,482	10.5	520	428	3,217	2,960	NM	NM	110	94
Louisiana	19,966	19,558	2.1	7,045	5,835	2,840	3,766	NM	22	10,063	9,936
Oklahoma	15,292	14,684	4.1	9,381	8,220	5,824	6,402	NM	11	NM	51
Texas	95,493	92,921	2.8	15,161	15,833	63,857	61,248	234	221	16,241	15,618
Mountain	**39,465**	**37,092**	**6.4**	**20,936**	**18,036**	**17,914**	**18,497**	**NM**	**84**	**526**	**475**
Arizona	15,148	14,624	3.6	6,199	5,664	8,907	8,918	NM	34	NM	8
Colorado	6,060	6,329	-4.2	2,266	1,800	3,753	4,497	27	16	NM	16
Idaho	807	496	62.7	NM	44	734	433	--	--	19	19
Montana	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada	10,369	10,070	3.0	6,134	5,701	4,066	4,194	--	--	NM	175
New Mexico	3,281	2,820	16.3	3,011	2,542	NM	239	NM	24	NM	15
Utah	3,499	2,451	42.8	3,242	2,257	NM	183	NM	10	NM	1
Wyoming	260	264	-1.7	NM	NM	NM	NM	--	--	219	227
Pacific Contiguous	**64,158**	**55,899**	**14.8**	**14,645**	**10,406**	**42,489**	**38,286**	**816**	**886**	**6,209**	**6,321**
California	52,282	49,002	6.7	11,117	8,711	34,533	33,455	806	876	5,826	5,961
Oregon	7,919	4,962	59.6	2,635	994	4,920	3,619	NM	NM	363	347
Washington	3,957	1,934	104.6	NM	701	3,036	1,213	NM	NM	20	13
Pacific Noncontiguous	**1,874**	**1,885**	**-.6**	**1,815**	**1,825**	**--**	**--**	**--**	**--**	**NM**	**60**
Alaska	1,874	1,885	-.6	1,815	1,825	--	--	--	--	NM	60
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**399,191**	**382,487**	**4.4**	**143,634**	**131,727**	**216,738**	**212,856**	**2,136**	**2,172**	**36,683**	**35,732**

* = 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. • 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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	--	*	--	--	--	--	*	--	--	--	--
Connecticut	--	*	--	--	--	--	*	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**55**	**63**	**-13.0**	--	--	**NM**	**NM**	--	--	**55**	**61**
New Jersey	10	NM	--	--	--	--	--	--	--	10	NM
New York	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania	45	52	-13.3	--	--	NM	NM	--	--	45	49
East North Central	**339**	**301**	**12.5**	--	**2**	**72**	**73**	--	--	**267**	**226**
Illinois	NM	7	--	--	--	2	3	--	--	NM	4
Indiana	242	201	20.3	--	--	NM	NM	--	--	242	201
Michigan	56	61	-9.1	--	2	56	56	--	--	--	NM
Ohio	31	32	-.1	--	--	14	14	--	--	17	18
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	**NM**	**6**	--	*	*	--	--	--	--	**NM**	**5**
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	*	*	-84.2	*	*	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	NM	5	--	--	--	--	--	--	--	NM	5
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**99**	**114**	**-13.2**	--	--	**33**	**40**	--	--	**66**	**74**
Delaware	61	68	-10.5	--	--	--	--	--	--	61	68
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1	1	-19.7	--	--	*	*	--	--	1	1
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	33	40	-17.2	--	--	33	40	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	4	5	-16.5	--	--	--	--	--	--	4	5
East South Central	**16**	**20**	**-17.9**	**1**	*	--	--	--	--	**NM**	**20**
Alabama	12	16	-22.3	--	--	--	--	--	--	12	16
Kentucky	1	*	86.2	1	*	--	--	--	--	--	--
Mississippi	NM	4	--	--	--	--	--	--	--	NM	4
Tennessee	1	--	--	--	--	--	--	--	--	1	--
West South Central	**627**	**627**	**.0**	--	--	**282**	**194**	--	--	**345**	**433**
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	214	207	3.5	--	--	63	59	--	--	151	148
Oklahoma	NM	NM	--	--	--	--	--	--	--	NM	NM
Texas	412	418	-1.6	--	--	218	135	--	--	193	284
Mountain	**24**	**26**	**-9.4**	--	*	*	**3**	--	--	**23**	**23**
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	*	--	--	*	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	*	1	-98.2	--	--	*	1	--	--	--	--
Nevada	*	2	-89.5	--	--	*	2	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	--	--	--	--	--	--	--	--	NM	--
Wyoming	21	23	-7.1	--	--	--	--	--	--	21	23
Pacific Contiguous	**157**	**201**	**-21.9**	--	--	**27**	**27**	**NM**	**NM**	**130**	**172**
California	133	174	-23.2	--	--	NM	*	NM	NM	130	172
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	23	27	-13.7	--	--	23	27	--	--	--	--
Pacific Noncontiguous	**NM**	**3**	--	--	--	--	--	--	--	**NM**	**3**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	NM	3	--	--	--	--	--	--	--	NM	3
U.S. Total	**1,323**	**1,361**	**-2.8**	**1**	**3**	**414**	**340**	--	**2**	**909**	**1,017**

* = 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 June 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	**313**	**323**	**-2.9**	--	--	**NM**	**NM**	--	--	**313**	**314**
New Jersey	NM	69	--	--	--	--	--	--	--	NM	69
New York	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania	259	254	2.1	--	--	NM	NM	--	--	259	246
East North Central	**1,857**	**1,792**	**3.6**	**4**	**29**	**269**	**376**	--	--	**1,584**	**1,388**
Illinois	NM	71	--	--	--	2	12	--	--	NM	58
Indiana	1,433	1,237	15.8	--	--	NM	NM	--	--	1,433	1,236
Michigan	178	331	-46.1	--	29	178	281	--	--	--	21
Ohio	200	153	30.6	4	--	88	81	--	--	NM	72
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	**NM**	**28**	--	**1**	**2**	--	--	--	--	**NM**	**25**
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	1	2	-59.6	1	2	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	NM	25	--	--	--	--	--	--	--	NM	25
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**543**	**728**	**-25.5**	--	--	**218**	**197**	--	--	**325**	**531**
Delaware	292	497	-41.2	--	--	--	--	--	--	292	497
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	5	4	21.5	--	--	*	*	--	--	5	4
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	218	197	10.6	--	--	218	197	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	27	30	-9.8	--	--	--	--	--	--	27	30
East South Central	**110**	**106**	**3.9**	**2**	**2**	--	--	--	--	**109**	**104**
Alabama	87	83	4.4	--	--	--	--	--	--	87	83
Kentucky	2	2	-14.7	2	2	--	--	--	--	--	--
Mississippi	NM	21	--	--	--	--	--	--	--	NM	21
Tennessee	6	--	--	--	--	--	--	--	--	6	--
West South Central	**4,015**	**3,694**	**8.7**	--	--	**2,123**	**1,159**	--	--	**1,892**	**2,535**
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	2,030	1,288	57.6	--	--	1,089	342	--	--	941	946
Oklahoma	NM	8	--	--	--	--	--	--	--	NM	8
Texas	1,981	2,398	-17.4	--	--	1,034	818	--	--	946	1,581
Mountain	**185**	**176**	**5.4**	**1**	**1**	**12**	**15**	--	--	**173**	**159**
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	1	1	-57.9	1	1	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	10	7	27.6	--	--	10	7	--	--	--	--
Nevada	2	8	-69.6	--	--	2	8	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	--	--	--	--	--	--	--	--	NM	--
Wyoming	159	159	-.1	--	--	--	--	--	--	159	159
Pacific Contiguous	**1,057**	**1,089**	**-2.9**	**8**	--	**173**	**170**	**NM**	**NM**	**877**	**908**
California	903	928	-2.7	8	--	NM	9	NM	NM	877	908
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	155	161	-4.0	--	--	155	161	--	--	--	--
Pacific Noncontiguous	**NM**	**15**	--	--	--	--	--	--	--	**NM**	**15**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	NM	15	--	--	--	--	--	--	--	NM	15
U.S. Total	**8,127**	**7,953**	**2.2**	**15**	**35**	**2,796**	**1,927**	--	**11**	**5,317**	**5,980**

* = 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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**3,161**	**3,180**	**-.6**	--	--	**3,161**	**3,180**	--	--	--	--
Connecticut	1,394	1,455	-4.2	--	--	1,394	1,455	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	484	491	-1.5	--	--	484	491	--	--	--	--
New Hampshire	856	897	-4.6	--	--	856	897	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	427	337	26.6	--	--	427	337	--	--	--	--
Middle Atlantic	**13,393**	**13,207**	**1.4**	--	--	**13,393**	**13,207**	--	--	--	--
New Jersey	2,929	2,772	5.7	--	--	2,929	2,772	--	--	--	--
New York	3,719	3,754	-.9	--	--	3,719	3,754	--	--	--	--
Pennsylvania	6,745	6,680	1.0	--	--	6,745	6,680	--	--	--	--
East North Central	**13,795**	**13,250**	**4.1**	**2,307**	**3,280**	**11,488**	**9,970**	--	--	--	--
Illinois	8,261	8,077	2.3	--	--	8,261	8,077	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	2,874	2,881	-.2	2,307	2,312	567	569	--	--	--	--
Ohio	1,511	1,325	14.1	--	--	1,511	1,325	--	--	--	--
Wisconsin	1,149	968	18.7	--	968	1,149	--	--	--	--	--
West North Central	**3,967**	**4,207**	**-5.7**	**3,542**	**3,783**	**425**	**425**	--	--	--	--
Iowa	425	425	.1	--	--	425	425	--	--	--	--
Kansas	847	847	-.1	847	847	--	--	--	--	--	--
Minnesota	1,158	1,160	-.2	1,158	1,160	--	--	--	--	--	--
Missouri	862	867	-.6	862	867	--	--	--	--	--	--
Nebraska	676	908	-25.6	676	908	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**16,578**	**17,467**	**-5.1**	**15,346**	**16,226**	**1,232**	**1,241**	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,696	2,554	5.5	2,696	2,554	--	--	--	--	--	--
Georgia	2,905	2,899	.2	2,905	2,899	--	--	--	--	--	--
Maryland	1,232	1,241	-.8	--	--	1,232	1,241	--	--	--	--
North Carolina	3,518	3,589	-2.0	3,518	3,589	--	--	--	--	--	--
South Carolina	3,767	4,730	-20.4	3,767	4,730	--	--	--	--	--	--
Virginia	2,461	2,453	.3	2,461	2,453	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**6,764**	**6,670**	**1.4**	**6,764**	**6,670**	--	--	--	--	--	--
Alabama	3,564	3,289	8.4	3,564	3,289	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	905	909	-.4	905	909	--	--	--	--	--	--
Tennessee	2,294	2,472	-7.2	2,294	2,472	--	--	--	--	--	--
West South Central	**6,371**	**6,194**	**2.9**	**2,786**	**2,604**	**3,585**	**3,590**	--	--	--	--
Arkansas	1,331	1,331	.0	1,331	1,331	--	--	--	--	--	--
Louisiana	1,455	1,273	14.3	1,455	1,273	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	3,585	3,590	-.1	--	--	3,585	3,590	--	--	--	--
Mountain	**2,519**	**1,785**	**41.1**	**2,519**	**1,785**	--	--	--	--	--	--
Arizona	2,519	1,785	41.1	2,519	1,785	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**3,719**	**2,963**	**25.5**	**3,719**	**2,963**	--	--	--	--	--	--
California	3,006	2,921	2.9	3,006	2,921	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	713	42	NM	713	42	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**70,268**	**68,923**	**2.0**	**36,983**	**37,310**	**33,285**	**31,613**	--	--	--	--

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 1.12.B. Net Generation from Nuclear Energy by State by Sector, Year-to-Date through June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	2008	2007	Percent Change	2008	2007	2008	2007	2008	2007	2008	2007
New England	**17,225**	**17,240**	**-.1**	**--**	**--**	**17,225**	**17,240**	**--**	**--**	**--**	**--**
Connecticut	7,768	7,493	3.7	--	--	7,768	7,493	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	2,940	2,224	32.2	--	--	2,940	2,224	--	--	--	--
New Hampshire	3,853	5,266	-26.8	--	--	3,853	5,266	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	2,663	2,258	17.9	--	--	2,663	2,258	--	--	--	--
Middle Atlantic	**74,485**	**74,898**	**-.6**	**--**	**--**	**74,485**	**74,898**	**--**	**--**	**--**	**--**
New Jersey	15,436	15,825	-2.5	--	--	15,436	15,825	--	--	--	--
New York	20,982	20,418	2.8	--	--	20,982	20,418	--	--	--	--
Pennsylvania	38,067	38,655	-1.5	--	--	38,067	38,655	--	--	--	--
East North Central	**76,504**	**78,627**	**-2.7**	**13,150**	**22,158**	**63,354**	**56,469**	**--**	**--**	**--**	**--**
Illinois	46,223	47,560	-2.8	--	--	46,223	47,560	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	16,568	17,504	-5.3	13,150	16,081	3,418	1,423	--	--	--	--
Ohio	8,040	7,486	7.4	--	--	8,040	7,486	--	--	--	--
Wisconsin	5,672	6,078	-6.7	--	6,078	5,672	--	--	--	--	--
West North Central	**21,798**	**22,361**	**-2.5**	**19,145**	**20,497**	**2,654**	**1,863**	**--**	**--**	**--**	**--**
Iowa	2,654	1,863	42.4	--	--	2,654	1,863	--	--	--	--
Kansas	3,286	5,156	-36.3	3,286	5,156	--	--	--	--	--	--
Minnesota	6,641	5,888	12.8	6,641	5,888	--	--	--	--	--	--
Missouri	5,308	4,004	32.6	5,308	4,004	--	--	--	--	--	--
Nebraska	3,910	5,450	-28.3	3,910	5,450	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**96,418**	**96,944**	**-.5**	**89,270**	**90,172**	**7,148**	**6,772**	**--**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	15,521	15,654	-.9	15,521	15,654	--	--	--	--	--	--
Georgia	15,244	14,800	3.0	15,244	14,800	--	--	--	--	--	--
Maryland	7,148	6,772	5.6	--	--	7,148	6,772	--	--	--	--
North Carolina	19,372	18,644	3.9	19,372	18,644	--	--	--	--	--	--
South Carolina	24,906	27,027	-7.8	24,906	27,027	--	--	--	--	--	--
Virginia	14,227	14,047	1.3	14,227	14,047	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**37,314**	**34,047**	**9.6**	**37,314**	**34,047**	**--**	**--**	**--**	**--**	**--**	**--**
Alabama	19,671	14,673	34.1	19,671	14,673	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	5,067	4,401	15.1	5,067	4,401	--	--	--	--	--	--
Tennessee	12,576	14,973	-16.0	12,576	14,973	--	--	--	--	--	--
West South Central	**33,957**	**34,788**	**-2.4**	**13,747**	**15,901**	**20,210**	**18,887**	**--**	**--**	**--**	**--**
Arkansas	7,095	7,297	-2.8	7,095	7,297	--	--	--	--	--	--
Louisiana	6,652	8,604	-22.7	6,652	8,604	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	20,210	18,887	7.0	--	--	20,210	18,887	--	--	--	--
Mountain	**14,333**	**14,244**	**.6**	**14,333**	**14,244**	**--**	**--**	**--**	**--**	**--**	**--**
Arizona	14,333	14,244	.6	14,333	14,244	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**20,616**	**21,636**	**-4.7**	**20,616**	**21,636**	**--**	**--**	**--**	**--**	**--**	**--**
California	15,939	18,311	-13.0	15,939	18,311	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	4,677	3,325	40.7	4,677	3,325	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**392,649**	**394,785**	**-.5**	**207,574**	**218,656**	**185,075**	**176,129**	**--**	**--**	**--**	**--**

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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**684**	**597**	**14.7**	**NM**	**NM**	**531**	**447**	*	**NM**	**57**	**59**
Connecticut	NM	NM	--	NM	NM	NM	NM	--	--	--	--
Maine	311	288	8.3	--	--	256	231	--	--	55	56
Massachusetts	NM	NM	--	NM	NM	NM	NM	*	NM	*	NM
New Hampshire	129	88	45.7	NM	26	103	NM	--	--	NM	NM
Rhode Island	NM	NM	--	--	--	NM	NM	--	--	--	--
Vermont	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Middle Atlantic	**2,324**	**2,141**	**8.6**	**1,861**	**1,721**	**460**	**416**	*	*	**4**	**4**
New Jersey	NM	NM	--	--	--	NM	NM	--	--	--	--
New York	2,173	2,013	8.0	1,816	1,685	353	323	*	*	4	4
Pennsylvania	148	125	18.2	44	35	NM	NM	--	--	--	--
East North Central	**360**	**325**	**10.6**	**329**	**293**	**NM**	**NM**	--	*	**13**	**17**
Illinois	NM	NM	--	NM	NM	NM	NM	--	--	--	--
Indiana	NM	42	--	NM	42	--	--	--	--	--	--
Michigan	NM	NM	--	NM	NM	NM	NM	--	--	NM	2
Ohio	NM	NM	--	NM	NM	--	--	--	--	--	--
Wisconsin	NM	NM	--	NM	NM	NM	NM	--	*	11	15
West North Central	**620**	**760**	**-18.4**	**607**	**745**	**NM**	**NM**	--	--	**7**	**9**
Iowa	NM	93	--	NM	93	NM	NM	--	--	--	--
Kansas	NM	1	--	--	--	NM	1	--	--	--	--
Minnesota	NM	NM	--	NM	NM	NM	NM	--	--	7	9
Missouri	237	182	29.8	237	182	--	--	--	--	--	--
Nebraska	NM	84	--	NM	84	--	--	--	--	--	--
North Dakota	109	121	-9.7	109	121	--	--	--	--	--	--
South Dakota	84	231	-63.8	84	231	--	--	--	--	--	--
South Atlantic	**893**	**901**	**-.8**	**725**	**697**	**143**	**129**	**NM**	*	**26**	**75**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	NM	NM	--	NM	NM	--	--	--	--	--	--
Georgia	204	218	-6.3	202	215	NM	NM	--	--	NM	2
Maryland	72	58	25.1	--	--	72	58	--	--	--	--
North Carolina	255	268	-4.8	222	182	NM	NM	NM	*	3	44
South Carolina	NM	145	--	NM	140	NM	NM	--	NM	--	--
Virginia	123	118	3.8	116	112	NM	NM	--	--	NM	NM
West Virginia	NM	80	--	NM	NM	29	19	--	--	21	28
East South Central	**1,012**	**874**	**15.8**	**1,008**	**823**	--	--	--	--	**4**	**51**
Alabama	376	323	16.5	376	323	--	--	--	--	--	--
Kentucky	140	87	61.0	140	87	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	497	465	6.8	493	413	--	--	--	--	4	51
West South Central	**1,029**	**774**	**33.0**	**900**	**688**	**128**	**85**	--	--	--	--
Arkansas	461	255	81.0	461	255	--	--	--	--	--	--
Louisiana	125	81	54.7	--	--	125	81	--	--	--	--
Oklahoma	314	302	4.2	314	302	--	--	--	--	--	--
Texas	128	136	-5.7	125	132	NM	5	--	--	--	--
Mountain	**4,102**	**3,157**	**29.9**	**3,647**	**2,713**	**455**	**444**	--	--	--	--
Arizona	658	678	-3.0	658	678	--	--	--	--	--	--
Colorado	228	121	88.2	210	110	NM	NM	--	--	--	--
Idaho	1,346	950	41.7	1,240	860	106	90	--	--	--	--
Montana	1,448	1,028	40.9	1,118	686	330	342	--	--	--	--
Nevada	214	195	9.8	214	195	--	--	--	--	--	--
New Mexico	NM	NM	--	NM	NM	--	--	--	--	--	--
Utah	NM	60	--	NM	60	NM	NM	--	--	--	--
Wyoming	NM	106	--	NM	106	--	--	--	--	--	--
Pacific Contiguous	**19,651**	**13,213**	**48.7**	**19,495**	**13,106**	**151**	**103**	**5**	**4**	**NM**	**NM**
California	4,530	2,882	57.2	4,426	2,811	103	69	NM	NM	--	--
Oregon	4,167	2,794	49.1	4,140	2,774	NM	NM	--	--	--	--
Washington	10,954	7,537	45.3	10,929	7,521	NM	NM	5	3	NM	NM
Pacific Noncontiguous	**127**	**118**	**7.1**	**121**	**113**	**NM**	**NM**	--	--	**NM**	**3**
Alaska	119	111	6.6	119	111	--	--	--	--	--	--
Hawaii	NM	NM	--	NM	NM	NM	NM	--	--	NM	3
U.S. Total	**30,803**	**22,860**	**34.7**	**28,789**	**20,989**	**1,895**	**1,648**	**6**	**5**	**113**	**218**

* = 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 June 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	**4,528**	**4,354**	**4.0**	**NM**	**682**	**3,446**	**3,262**	**NM**	**NM**	**411**	**408**
Connecticut	NM	246	--	NM	NM	NM	225	--	--	--	--
Maine	2,058	1,979	4.0	--	--	1,666	1,586	--	--	392	393
Massachusetts	NM	655	--	NM	222	NM	430	NM	NM	NM	1
New Hampshire	854	801	6.6	NM	203	656	596	--	--	NM	NM
Rhode Island	NM	NM	--	--	--	NM	NM	--	--	--	--
Vermont	NM	670	--	NM	236	NM	423	--	--	12	11
Middle Atlantic	**15,283**	**15,360**	**-.5**	**12,001**	**12,109**	**3,238**	**3,205**	**NM**	**3**	**40**	**44**
New Jersey	NM	NM	--	--	--	NM	NM	--	--	--	NM
New York	13,584	13,861	-2.0	11,122	11,361	2,418	2,453	NM	3	40	43
Pennsylvania	1,678	1,480	13.4	878	748	NM	733	--	--	--	--
East North Central	**2,149**	**2,082**	**3.3**	**1,912**	**1,851**	**NM**	**108**	**NM**	**1**	**127**	**121**
Illinois	NM	80	--	NM	NM	NM	44	--	--	--	--
Indiana	NM	207	--	NM	207	--	--	--	--	--	--
Michigan	NM	725	--	NM	656	NM	NM	--	--	16	18
Ohio	NM	218	--	NM	218	--	--	--	--	--	--
Wisconsin	NM	852	--	NM	735	NM	NM	NM	1	111	103
West North Central	**4,189**	**3,588**	**16.8**	**4,089**	**3,511**	**NM**	**NM**	**--**	**--**	**63**	**45**
Iowa	NM	467	--	NM	463	NM	NM	--	--	--	--
Kansas	NM	5	--	--	--	NM	5	--	--	--	--
Minnesota	NM	289	--	NM	220	NM	NM	--	--	63	45
Missouri	1,193	720	65.6	1,193	720	--	--	--	--	--	--
Nebraska	NM	423	--	NM	423	--	--	--	--	--	--
North Dakota	624	650	-4.1	624	650	--	--	--	--	--	--
South Dakota	1,167	1,034	12.9	1,167	1,034	--	--	--	--	--	--
South Atlantic	**7,066**	**7,231**	**-2.3**	**4,527**	**4,898**	**2,024**	**1,789**	**8**	**6**	**508**	**538**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	NM	99	--	NM	99	--	--	--	--	--	--
Georgia	1,307	1,335	-2.1	1,288	1,319	NM	NM	--	--	15	14
Maryland	1,436	1,139	26.1	--	--	1,436	1,139	--	--	--	--
North Carolina	1,847	2,020	-8.6	1,375	1,436	NM	385	7	5	175	194
South Carolina	891	1,091	-18.3	859	1,063	NM	NM	NM	1	--	--
Virginia	712	787	-9.5	670	748	NM	NM	--	--	NM	NM
West Virginia	770	758	1.6	NM	234	225	198	--	--	313	326
East South Central	**8,342**	**6,827**	**22.2**	**8,119**	**6,589**	**--**	**--**	**--**	**--**	**223**	**238**
Alabama	3,582	2,779	28.9	3,582	2,779	--	--	--	--	--	--
Kentucky	1,392	1,091	27.5	1,392	1,091	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	3,369	2,956	13.9	3,145	2,718	--	--	--	--	223	238
West South Central	**5,296**	**4,430**	**19.5**	**4,635**	**3,823**	**661**	**607**	**--**	**--**	**--**	**--**
Arkansas	2,148	1,847	16.3	2,148	1,847	--	--	--	--	--	--
Louisiana	639	583	9.6	--	--	639	583	--	--	--	--
Oklahoma	1,787	1,388	28.7	1,787	1,388	--	--	--	--	--	--
Texas	721	612	17.9	699	588	NM	24	--	--	--	--
Mountain	**17,208**	**16,626**	**3.5**	**15,149**	**14,344**	**2,059**	**2,282**	**--**	**--**	**--**	**--**
Arizona	3,946	3,262	20.9	3,946	3,262	--	--	--	--	--	--
Colorado	1,052	831	26.6	972	765	NM	66	--	--	--	--
Idaho	5,302	5,101	3.9	4,919	4,739	383	362	--	--	--	--
Montana	4,923	5,239	-6.0	3,330	3,389	1,592	1,849	--	--	--	--
Nevada	924	1,381	-33.1	924	1,381	--	--	--	--	--	--
New Mexico	NM	108	--	NM	108	--	--	--	--	--	--
Utah	455	374	21.7	450	369	NM	NM	--	--	--	--
Wyoming	NM	331	--	NM	331	--	--	--	--	--	--
Pacific Contiguous	**81,932**	**80,721**	**1.5**	**81,246**	**80,082**	**646**	**594**	**39**	**45**	**NM**	**NM**
California	19,392	15,236	27.3	18,959	14,842	426	388	NM	NM	--	--
Oregon	19,531	20,080	-2.7	19,404	19,955	NM	125	--	--	--	--
Washington	43,008	45,405	-5.3	42,883	45,284	NM	80	31	40	NM	NM
Pacific Noncontiguous	**655**	**751**	**-12.8**	**610**	**703**	**NM**	**24**	**--**	**--**	**21**	**24**
Alaska	599	692	-13.4	599	692	--	--	--	--	--	--
Hawaii	NM	59	--	NM	NM	NM	24	--	--	21	24
U.S. Total	**146,648**	**141,969**	**3.3**	**132,954**	**128,592**	**12,243**	**11,903**	**56**	**57**	**1,395**	**1,418**

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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**620**	**678**	**-8.5**	**58**	**42**	**393**	**460**	**14**	**12**	**156**	**164**
Connecticut	71	67	6.3	--	--	71	67	--	--	--	--
Maine	306	369	-17.1	--	--	141	196	9	10	155	163
Massachusetts	111	110	1.0	--	--	106	107	5	2	--	--
New Hampshire	87	83	4.2	35	21	51	62	--	--	NM	NM
Rhode Island	12	13	-2.6	--	--	12	13	--	--	--	--
Vermont	33	36	-9.6	23	21	NM	15	--	--	NM	NM
Middle Atlantic	**606**	**495**	**22.6**	**--**	**--**	**519**	**420**	**23**	**20**	**65**	**55**
New Jersey	81	84	-2.7	--	--	81	83	--	--	NM	NM
New York	307	222	38.4	--	--	272	186	12	13	22	23
Pennsylvania	218	189	15.2	--	--	166	151	10	7	42	32
East North Central	**505**	**472**	**7.1**	**46**	**46**	**289**	**268**	**20**	**20**	**151**	**139**
Illinois	122	91	34.1	NM	NM	121	90	NM	NM	--	--
Indiana	20	19	6.9	14	15	--	--	2	2	NM	2
Michigan	202	215	-5.9	--	--	128	140	17	17	58	58
Ohio	46	34	34.3	NM	NM	NM	5	--	--	39	27
Wisconsin	115	113	1.9	29	28	36	33	NM	1	50	51
West North Central	**800**	**577**	**38.5**	**195**	**158**	**547**	**373**	**6**	**4**	**53**	**43**
Iowa	219	181	20.5	NM	97	89	82	3	2	*	--
Kansas	125	63	98.6	29	15	96	48	--	--	--	--
Minnesota	331	254	30.0	21	22	258	189	NM	1	50	42
Missouri	11	2	465.8	NM	1	9	--	--	--	NM	NM
Nebraska	18	22	-19.4	16	20	NM	NM	NM	1	--	--
North Dakota	89	43	105.9	NM	1	86	42	--	--	NM	*
South Dakota	NM	12	--	NM	*	NM	11	--	--	--	--
South Atlantic	**1,302**	**1,248**	**4.4**	**82**	**80**	**380**	**351**	**30**	**29**	**810**	**788**
Delaware	11	NM	--	--	--	11	NM	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	399	379	5.4	7	6	217	224	4	3	172	146
Georgia	256	282	-9.2	--	--	NM	1	--	--	255	281
Maryland	58	59	-.9	--	--	38	38	NM	4	16	17
North Carolina	162	149	9.0	--	--	47	44	--	--	115	104
South Carolina	152	164	-7.9	27	35	--	--	4	4	120	125
Virginia	239	209	14.3	47	38	41	37	19	17	132	116
West Virginia	26	7	301.1	--	--	26	7	--	--	--	--
East South Central	**521**	**537**	**-3.1**	**8**	**8**	**22**	**25**	**--**	**--**	**491**	**504**
Alabama	321	324	-.8	--	--	17	21	--	--	305	304
Kentucky	36	40	-8.5	7	8	--	--	--	--	29	32
Mississippi	125	130	-3.9	--	--	--	--	--	--	125	130
Tennessee	38	43	-12.2	NM	*	5	4	--	--	32	38
West South Central	**2,134**	**1,097**	**94.5**	**35**	**22**	**1,620**	**600**	**4**	**4**	**474**	**471**
Arkansas	121	121	.1	--	--	5	3	NM	*	116	118
Louisiana	253	253	-.3	--	--	7	7	--	--	246	246
Oklahoma	NM	136	--	35	22	154	86	--	--	NM	28
Texas	1,544	586	163.5	NM	*	1,454	504	4	3	85	78
Mountain	**709**	**429**	**65.4**	**34**	**18**	**635**	**364**	**NM**	**1**	**39**	**45**
Arizona	4	4	6.6	3	3	--	--	NM	NM	--	--
Colorado	234	59	300.3	6	NM	229	55	--	--	--	--
Idaho	57	59	-4.1	--	--	24	21	--	--	33	38
Montana	NM	33	--	--	--	33	25	--	--	NM	7
Nevada	150	123	21.4	--	--	150	123	--	--	--	--
New Mexico	NM	97	--	--	--	NM	97	--	--	--	--
Utah	24	11	112.0	22	10	NM	1	NM	1	--	--
Wyoming	55	43	27.7	NM	1	54	43	--	--	--	--
Pacific Contiguous	**3,094**	**2,787**	**11.0**	**378**	**290**	**2,537**	**2,299**	**41**	**40**	**138**	**158**
California	2,357	2,297	2.7	132	111	2,122	2,074	41	40	NM	71
Oregon	345	201	71.8	106	37	206	115	--	--	33	48
Washington	392	290	34.9	140	142	209	110	--	--	42	39
Pacific Noncontiguous	**67**	**63**	**6.4**	**NM**	**NM**	**46**	**45**	**17**	**15**	**2**	**1**
Alaska	NM	NM	--	NM	NM	--	--	--	--	NM	NM
Hawaii	65	61	5.7	*	*	46	45	17	15	NM	1
U.S. Total	**10,357**	**8,382**	**23.6**	**836**	**664**	**6,986**	**5,205**	**157**	**144**	**2,378**	**2,369**

* = 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 June 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	**3,903**	**3,916**	**-.3**	**323**	**284**	**2,502**	**2,657**	**77**	**62**	**1,000**	**913**
Connecticut	402	403	-.4	1	--	401	403	--	--	--	--
Maine	2,025	2,045	-1.0	--	--	981	1,088	52	48	991	908
Massachusetts	647	639	1.2	--	--	622	625	25	14	--	--
New Hampshire	531	515	3.1	175	139	349	372	--	--	NM	NM
Rhode Island	71	76	-6.9	--	--	71	76	--	--	--	--
Vermont	228	238	-4.2	147	144	NM	92	--	--	NM	NM
Middle Atlantic	**3,356**	**3,211**	**4.5**	**--**	**--**	**2,908**	**2,735**	**124**	**126**	**324**	**350**
New Jersey	470	469	.3	--	--	468	467	--	--	NM	NM
New York	1,619	1,468	10.3	--	--	1,431	1,275	69	72	119	122
Pennsylvania	1,267	1,274	-.6	--	--	1,010	993	55	54	202	227
East North Central	**2,998**	**2,801**	**7.0**	**247**	**249**	**1,888**	**1,616**	**84**	**92**	**778**	**843**
Illinois	850	565	50.3	NM	8	842	558	NM	NM	1	--
Indiana	116	113	2.7	83	90	--	--	11	11	NM	12
Michigan	1,197	1,235	-3.1	--	--	809	825	65	76	322	333
Ohio	172	202	-15.1	NM	NM	NM	31	--	--	133	160
Wisconsin	664	686	-3.1	146	141	210	202	NM	4	301	339
West North Central	**5,445**	**4,599**	**18.4**	**1,361**	**1,296**	**3,787**	**3,030**	**32**	**26**	**264**	**246**
Iowa	1,585	1,607	-1.4	863	874	702	718	19	15	1	--
Kansas	829	569	45.9	214	137	616	432	--	--	--	--
Minnesota	2,352	1,892	24.3	139	128	1,959	1,518	6	6	249	241
Missouri	64	12	441.6	NM	8	52	--	--	--	NM	NM
Nebraska	139	151	-7.7	131	144	NM	2	NM	6	--	--
North Dakota	408	289	41.2	NM	4	394	284	--	--	10	2
South Dakota	67	79	-15.5	NM	3	62	77	--	--	--	--
South Atlantic	**7,434**	**7,228**	**2.9**	**487**	**455**	**2,061**	**1,932**	**160**	**153**	**4,727**	**4,687**
Delaware	58	NM	--	--	--	58	NM	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,256	2,114	6.7	38	38	1,216	1,154	21	18	980	905
Georgia	1,585	1,690	-6.2	--	--	NM	8	--	--	1,578	1,682
Maryland	293	310	-5.4	--	--	183	187	24	24	86	99
North Carolina	911	892	2.1	--	--	251	264	--	--	660	629
South Carolina	904	920	-1.7	192	200	--	--	22	23	691	697
Virginia	1,295	1,207	7.3	256	217	213	226	93	89	733	675
West Virginia	131	94	38.7	--	--	131	94	--	--	--	--
East South Central	**3,023**	**3,115**	**-2.9**	**46**	**49**	**130**	**143**	**--**	**--**	**2,848**	**2,923**
Alabama	1,856	1,889	-1.8	--	--	88	104	--	--	1,767	1,785
Kentucky	241	236	2.1	44	47	--	--	--	--	197	189
Mississippi	731	727	.5	--	--	--	--	--	--	731	727
Tennessee	196	263	-25.5	NM	2	41	39	--	--	153	223
West South Central	**11,296**	**7,710**	**46.5**	**231**	**174**	**8,232**	**4,709**	**25**	**21**	**2,809**	**2,807**
Arkansas	819	797	2.7	--	--	27	13	NM	2	790	782
Louisiana	1,424	1,484	-4.0	--	--	40	42	--	--	1,385	1,442
Oklahoma	NM	1,071	--	229	173	972	776	--	--	NM	122
Texas	7,699	4,358	76.7	NM	*	7,194	3,877	22	19	481	461
Mountain	**4,588**	**2,958**	**55.1**	**189**	**121**	**4,162**	**2,595**	**NM**	**5**	**229**	**237**
Arizona	21	21	2.0	19	17	--	NM	NM	2	--	--
Colorado	1,641	429	282.8	40	30	1,601	399	--	--	--	--
Idaho	346	324	6.8	--	--	151	130	--	--	195	193
Montana	319	297	7.6	--	--	285	253	--	--	NM	43
Nevada	758	762	-.5	--	--	758	762	--	--	--	--
New Mexico	NM	673	--	--	--	NM	673	--	--	--	--
Utah	125	71	76.1	117	65	NM	3	NM	3	--	--
Wyoming	420	382	10.0	NM	9	407	373	--	--	--	--
Pacific Contiguous	**16,661**	**15,314**	**8.8**	**1,928**	**1,733**	**13,582**	**12,390**	**227**	**222**	**924**	**969**
California	12,796	12,533	2.1	743	666	11,453	11,236	227	222	NM	408
Oregon	1,564	1,081	44.7	262	165	1,009	595	--	--	293	321
Washington	2,301	1,699	35.4	922	902	1,120	558	--	--	259	240
Pacific Noncontiguous	**377**	**347**	**8.6**	**NM**	**NM**	**264**	**246**	**98**	**90**	**11**	**7**
Alaska	NM	NM	--	NM	NM	--	--	--	*	NM	3
Hawaii	368	340	8.2	*	*	264	246	98	90	6	4
U.S. Total	**59,081**	**51,199**	**15.4**	**4,816**	**4,365**	**39,516**	**32,055**	**835**	**798**	**13,914**	**13,982**

* = 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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**-61**	**-51**	**-20.2**	**--**	**--**	**-61**	**-51**	**--**	**--**	**--**	**--**
Connecticut	*	-2	116.9	--	--	*	-2	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	-61	-49	-25.5	--	--	-61	-49	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**56**	**-157**	**135.6**	**-92**	**-96**	**148**	**-61**	**--**	**--**	**--**	**--**
New Jersey	-26	-25	-1.3	-26	-25	--	--	--	--	--	--
New York	-67	-71	5.7	-67	-71	--	--	--	--	--	--
Pennsylvania	148	-61	341.4	--	--	148	-61	--	--	--	--
East North Central	**-99**	**-99**	**-.8**	**-99**	**-99**	**--**	**--**	**--**	**--**	**--**	**--**
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	-99	-99	-.8	-99	-99	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	**55**	**67**	**-17.2**	**55**	**67**	**--**	**--**	**--**	**--**	**--**	**--**
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	55	67	-17.2	55	67	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**-334**	**-288**	**-16.1**	**-334**	**-288**	**--**	**--**	**--**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--	--	--
Georgia	-37	-34	-8.4	-37	-34	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	-17	15	-211.7	-17	15	--	--	--	--	--	--
South Carolina	-138	-94	-46.1	-138	-94	--	--	--	--	--	--
Virginia	-143	-175	18.5	-143	-175	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**-81**	**-67**	**-21.1**	**-81**	**-67**	**--**	**--**	**--**	**--**	**--**	**--**
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	-81	-67	-21.1	-81	-67	--	--	--	--	--	--
West South Central	**-15**	**-16**	**7.2**	**-15**	**-16**	**--**	**--**	**--**	**--**	**--**	**--**
Arkansas	2	*	794.1	2	*	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--	--	--
Oklahoma	-17	-17	-3.4	-17	-17	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	**-14**	**8**	**-283.1**	**-14**	**8**	**--**	**--**	**--**	**--**	**--**	**--**
Arizona	7	28	-73.7	7	28	--	--	--	--	--	--
Colorado	-22	-21	-5.1	-22	-21	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**122**	**81**	**51.3**	**122**	**81**	**--**	**--**	**--**	**--**	**--**	**--**
California	118	81	45.9	118	81	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	4	--	--	4	--	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**-372**	**-523**	**28.9**	**-459**	**-411**	**88**	**-112**	**--**	**--**	**--**	**--**

* = 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. - 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 June 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	**-312**	**-288**	**-8.5**	**--**	**--**	**-312**	**-288**	**--**	**--**	**--**	**--**
Connecticut	*	-11	102.5	--	--	*	-11	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	-312	-276	-13.0	--	--	-312	-276	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**-483**	**-850**	**43.1**	**-501**	**-533**	**17**	**-316**	**--**	**--**	**--**	**--**
New Jersey	-138	-137	-.6	-138	-137	--	--	--	--	--	--
New York	-363	-396	8.4	-363	-396	--	--	--	--	--	--
Pennsylvania	17	-316	105.5	--	--	17	-316	--	--	--	--
East North Central	**-510**	**-549**	**7.2**	**-510**	**-549**	**--**	**--**	**--**	**--**	**--**	**--**
Illinois	--	--	--	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	-510	-549	7.2	-510	-549	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	**279**	**221**	**26.3**	**279**	**221**	**--**	**--**	**--**	**--**	**--**	**--**
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	279	221	26.3	279	221	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**-1,058**	**-1,377**	**23.2**	**-1,058**	**-1,377**	**--**	**--**	**--**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--	--	--
Georgia	475	-196	342.3	475	-196	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	-44	85	-151.0	-44	85	--	--	--	--	--	--
South Carolina	-605	-502	-20.5	-605	-502	--	--	--	--	--	--
Virginia	-884	-764	-15.6	-884	-764	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**-870**	**-316**	**-175.8**	**-870**	**-316**	**--**	**--**	**--**	**--**	**--**	**--**
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	-870	-316	-175.8	-870	-316	--	--	--	--	--	--
West South Central	**68**	**-58**	**216.1**	**68**	**-58**	**--**	**--**	**--**	**--**	**--**	**--**
Arkansas	24	17	43.7	24	17	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--	--	--
Oklahoma	44	-75	157.9	44	-75	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	**-82**	**-50**	**-64.4**	**-82**	**-50**	**--**	**--**	**--**	**--**	**--**	**--**
Arizona	28	38	-26.9	28	38	--	--	--	--	--	--
Colorado	-110	-88	-24.9	-110	-88	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**260**	**346**	**-24.9**	**260**	**346**	**--**	**--**	**--**	**--**	**--**	**--**
California	247	346	-28.7	247	346	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	13	--	--	13	--	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**-2,708**	**-2,920**	**7.3**	**-2,413**	**-2,316**	**-295**	**-604**	**--**	**--**	**--**	**--**

* = 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, June 2008 and 2007
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**171**	**165**	**3.4**	**--**	**--**	**157**	**151**	**8**	**7**	**5**	**6**
Connecticut	65	64	.6	--	--	63	63	--	--	NM	NM
Maine	34	29	18.1	--	--	22	16	8	7	4	5
Massachusetts	67	66	.7	--	--	67	66	--	--	--	--
New Hampshire	5	6	-7.3	--	--	5	6	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**193**	**197**	**-1.6**	**--**	**--**	**175**	**178**	**19**	**14**	**--**	**5**
New Jersey	43	50	-14.5	--	--	43	45	--	--	--	5
New York	86	85	.9	--	--	75	77	11	9	--	--
Pennsylvania	65	61	5.5	--	--	56	56	8	5	--	--
East North Central	**82**	**97**	**-15.9**	**12**	**13**	**15**	**12**	**15**	**15**	**41**	**57**
Illinois	NM	3	--	--	--	NM	2	--	--	1	2
Indiana	40	33	20.7	--	--	--	--	NM	NM	38	32
Michigan	29	49	-39.8	4	4	12	11	13	13	--	21
Ohio	*	*	391.8	--	--	--	--	--	--	*	*
Wisconsin	9	12	-21.8	8	9	--	--	NM	*	1	3
West North Central	**34**	**34**	**1.4**	**20**	**18**	**9**	**9**	**NM**	**3**	**NM**	**4**
Iowa	NM	1	--	NM	1	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	28	30	-3.8	14	14	9	9	NM	2	NM	4
Missouri	3	4	-29.1	2	3	--	--	*	1	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	3	*	NM	3	*	--	--	--	--	--	--
South Atlantic	**242**	**375**	**-35.6**	**--**	**--**	**164**	**177**	**19**	**15**	**59**	**184**
Delaware	2	--	--	--	--	--	--	--	--	2	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	144	266	-45.6	--	--	103	116	--	--	42	149
Georgia	10	9	11.6	--	--	--	--	--	--	10	9
Maryland	29	29	-.9	--	--	29	29	NM	--	--	--
North Carolina	5	28	-81.5	--	--	5	9	--	--	--	18
South Carolina	9	7	22.9	--	--	--	--	3	NM	5	4
Virginia	42	37	15.6	--	--	27	22	15	12	--	2
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**2**	**4**	**-39.2**	**2**	**1**	**NM**	**1**	**--**	**--**	**NM**	**2**
Alabama	NM	NM	--	--	--	NM	*	--	--	NM	NM
Kentucky	2	1	44.6	2	1	--	--	--	--	--	--
Mississippi	NM	2	--	--	--	NM	1	--	--	NM	1
Tennessee	*	--	--	--	--	--	--	--	--	*	--
West South Central	**106**	**195**	**-45.6**	**19**	**30**	**--**	**3**	**--**	**--**	**87**	**162**
Arkansas	4	1	184.3	--	--	--	--	--	--	4	1
Louisiana	40	91	-56.5	--	--	--	--	--	--	40	91
Oklahoma	--	*	--	--	--	--	--	--	--	--	*
Texas	63	102	-38.8	19	30	--	3	--	--	44	70
Mountain	**NM**	**13**	**--**	**--**	**--**	**NM**	**NM**	**--**	**--**	**14**	**13**
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	3	--	--	--	--	--	--	--	--	3
Idaho	--	6	--	--	--	--	--	--	--	--	6
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	NM	--	--	--	NM	NM	--	--	14	--
Wyoming	--	4	--	--	--	--	--	--	--	--	4
Pacific Contiguous	**48**	**49**	**-2.4**	**--**	**--**	**27**	**29**	**--**	**--**	**21**	**20**
California	38	40	-4.4	--	--	17	20	--	--	21	20
Oregon	4	NM	--	--	--	4	NM	--	--	--	--
Washington	6	6	-5.9	--	--	6	6	--	--	--	--
Pacific Noncontiguous	**15**	**13**	**13.6**	**--**	**--**	**1**	**1**	**14**	**12**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	15	13	13.6	--	--	1	1	14	12	--	--
U.S. Total	**908**	**1,142**	**-20.5**	**52**	**62**	**548**	**563**	**77**	**65**	**231**	**453**

* = 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 June 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	**956**	**951**	**.5**	**--**	**--**	**896**	**887**	**NM**	**38**	**25**	**26**
Connecticut	362	378	-4.2	--	--	357	372	--	--	NM	6
Maine	180	164	9.6	--	--	126	107	NM	38	19	20
Massachusetts	382	375	1.8	--	--	382	375	--	--	--	--
New Hampshire	31	33	-4.4	--	--	31	33	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**1,122**	**1,128**	**-.6**	**--**	**--**	**1,033**	**998**	**88**	**97**	**--**	**33**
New Jersey	248	272	-9.1	--	--	248	239	--	--	--	33
New York	475	497	-4.5	--	--	430	443	NM	55	--	--
Pennsylvania	399	359	11.2	--	--	356	316	43	43	--	--
East North Central	**365**	**556**	**-34.5**	**39**	**59**	**70**	**78**	**58**	**69**	**197**	**350**
Illinois	9	19	-55.2	--	--	NM	9	--	--	5	10
Indiana	NM	199	--	--	--	--	--	NM	9	159	190
Michigan	134	282	-52.6	18	20	66	69	50	59	--	133
Ohio	7	1	NM	--	--	--	--	--	--	7	1
Wisconsin	49	56	-12.0	22	39	--	--	NM	1	27	16
West North Central	**195**	**204**	**-4.8**	**105**	**106**	**51**	**54**	**NM**	**18**	**18**	**27**
Iowa	NM	6	--	NM	6	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	162	179	-9.4	75	83	51	54	NM	16	18	27
Missouri	8	19	-55.7	7	17	--	--	1	2	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	19	*	NM	19	*	--	--	--	--	--	--
South Atlantic	**1,595**	**2,215**	**-28.0**	**2**	*****	**987**	**952**	**81**	**86**	**524**	**1,178**
Delaware	4	--	--	--	--	--	--	--	--	4	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,061	1,574	-32.6	--	--	637	626	--	--	423	949
Georgia	70	65	7.2	--	--	22	--	--	--	48	65
Maryland	142	146	-2.4	--	--	142	146	NM	--	--	--
North Carolina	NM	168	--	--	--	NM	45	--	--	19	123
South Carolina	44	45	-4.2	--	--	--	--	NM	17	29	28
Virginia	203	216	-5.8	--	--	137	135	66	68	--	12
West Virginia	2	*	606.4	2	*	--	--	--	--	--	--
East South Central	**72**	**26**	**176.4**	**4**	**9**	**54**	**7**	**--**	**--**	**14**	**10**
Alabama	4	8	-48.8	--	--	NM	1	--	--	4	7
Kentucky	4	9	-52.6	4	9	--	--	--	--	--	--
Mississippi	NM	9	--	--	--	NM	6	--	--	NM	3
Tennessee	8	--	--	--	--	--	--	--	--	8	--
West South Central	**890**	**1,344**	**-33.8**	**129**	**170**	**152**	**28**	**--**	**--**	**608**	**1,146**
Arkansas	18	24	-26.3	--	--	--	--	--	--	18	24
Louisiana	325	684	-52.6	--	--	--	--	--	--	325	684
Oklahoma	--	3	--	--	--	--	--	--	--	--	3
Texas	547	633	-13.5	129	170	152	28	--	--	266	435
Mountain	**NM**	**85**	**--**	**--**	**--**	**NM**	**NM**	**--**	**--**	**80**	**82**
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	22	--	--	--	--	--	--	--	--	22
Idaho	6	36	-84.3	--	--	--	--	--	--	6	36
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	NM	NM	--	--	--	NM	NM	--	--	70	--
Wyoming	4	24	-84.4	--	--	--	--	--	--	4	24
Pacific Contiguous	**280**	**277**	**1.2**	**--**	**--**	**152**	**163**	**--**	**--**	**128**	**114**
California	231	222	4.0	--	--	103	107	--	--	128	114
Oregon	NM	19	--	--	--	NM	19	--	--	--	--
Washington	34	36	-6.2	--	--	34	36	--	--	--	--
Pacific Noncontiguous	**125**	**79**	**57.5**	**41**	**--**	**7**	**9**	**77**	**71**	**--**	**--**
Alaska	41	--	--	41	--	--	--	--	--	--	--
Hawaii	84	79	5.8	--	--	7	9	77	71	--	--
U.S. Total	**5,679**	**6,866**	**-17.3**	**321**	**345**	**3,404**	**3,177**	**360**	**378**	**1,594**	**2,966**

* = 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 June 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	**1,026,018**	**772,224**	**242,855**	**602**	**10,337**
2005	**1,045,878**	**761,349**	**274,791**	**770**	**8,969**
2006					
January	88,061	63,248	23,934	70	810
February	81,720	59,205	21,715	64	735
March	83,233	59,892	22,484	60	798
April	73,270	53,692	18,740	51	787
May	81,254	60,269	20,128	60	797
June	88,045	64,900	22,285	63	797
July	97,912	71,401	25,594	67	849
August	98,970	72,173	25,880	69	848
September	85,051	62,105	22,102	57	786
October	84,479	60,911	22,704	54	809
November	82,938	59,841	22,301	62	733
December	90,415	65,753	23,849	66	747
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
Total	**513,033**	**374,506**	**134,415**	**266**	**3,845**
Year-to-Date					
2006	495,582	361,206	129,284	367	4,724
2007	507,764	369,289	134,482	366	3,627
2008	513,033	374,506	134,415	266	3,845
Rolling 12 Months Ending in June					
2007	1,047,527	761,473	276,914	741	8,399
2008	1,058,615	770,991	279,155	645	7,824

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 June 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	**18,779**	--	**1,189**	**1,315**	**16,276**
2005	**19,402**	--	**1,345**	**1,151**	**16,906**
2006					
January	1,659	--	135	116	1,407
February	1,516	--	123	105	1,288
March	1,550	--	124	109	1,317
April	1,474	--	128	83	1,262
May	1,459	--	118	79	1,262
June	1,525	--	135	83	1,307
July	1,566	--	118	95	1,353
August	1,579	--	131	94	1,354
September	1,475	--	119	81	1,274
October	1,455	--	109	82	1,264
November	1,534	--	151	97	1,286
December	1,646	--	139	117	1,389
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
Total	**10,819**	--	**2,169**	**810**	**7,840**
Year-to-Date					
2006	9,183	--	763	576	7,844
2007	9,248	--	746	607	7,894
2008	10,819	--	2,169	810	7,840
Rolling 12 Months Ending in June					
2007	18,502	--	1,513	1,174	15,816
2008	20,655	--	2,851	1,382	16,422

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 June 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
Total	**523,851**	**374,506**	**136,584**	**1,076**	**11,685**
Year-to-Date					
2006	504,766	361,206	130,047	944	12,568
2007	517,011	369,289	135,229	973	11,521
2008	523,851	374,506	136,584	1,076	11,685
Rolling 12 Months Ending in June					
2007	1,066,029	761,473	278,427	1,915	24,215
2008	1,079,270	770,991	282,006	2,027	24,246

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 June 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	**169,799**	**103,793**	**57,641**	**1,172**	**7,193**
2005	**168,700**	**98,223**	**63,373**	**922**	**6,182**
2006					
January	7,198	4,753	1,884	53	509
February	5,749	3,642	1,597	60	449
March	4,260	2,791	951	65	453
April	5,038	3,864	768	48	358
May	4,982	3,622	959	31	370
June	6,998	5,149	1,475	30	344
July	8,964	5,736	2,827	32	370
August	11,439	8,003	3,002	30	404
September	5,312	3,912	1,014	23	363
October	5,871	4,257	1,282	19	312
November	5,769	4,143	1,210	26	390
December	5,422	3,658	1,279	46	439
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
Total	**27,289**	**18,788**	**7,310**	**85**	**1,107**
Year-to-Date					
2006	34,226	23,820	7,635	287	2,484
2007	48,105	29,772	15,517	246	2,570
2008	27,289	18,788	7,310	85	1,107
Rolling 12 Months Ending in June					
2007	90,881	59,482	26,130	422	4,847
2008	66,190	46,881	16,102	202	3,005

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 June 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	**15,962**	--	**201**	**791**	**14,970**
2005	**16,930**	--	**173**	**662**	**16,096**
2006					
January	1,301	--	4	68	1,230
February	1,110	--	5	71	1,034
March	1,060	--	19	55	986
April	866	--	6	29	831
May	799	--	4	20	775
June	707	--	4	21	682
July	738	--	15	22	700
August	780	--	5	20	755
September	764	--	5	20	739
October	709	--	2	17	690
November	908	--	5	31	873
December	1,154	--	10	50	1,094
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
Total	**3,425**	--	**435**	**133**	**2,857**
Year-to-Date					
2006	5,843	--	41	263	5,538
2007	6,401	--	101	254	6,047
2008	3,425	--	435	133	2,857
Rolling 12 Months Ending in June					
2007	11,454	--	142	414	10,897
2008	7,262	--	505	230	6,527

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

Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1994 through June 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
Total	**30,715**	**18,788**	**7,745**	**218**	**3,964**
Year-to-Date					
2006	40,069	23,820	7,676	550	8,022
2007	54,506	29,772	15,617	500	8,616
2008	30,715	18,788	7,745	218	3,964
Rolling 12 Months Ending in June					
2007	102,335	59,482	26,273	836	15,744
2008	73,452	46,881	16,608	432	9,531

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 June 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	**7,942**	**4,150**	**3,208**	**3**	**581**
2005	**8,511**	**4,130**	**3,936**	**3**	**442**
2006					
January	738	353	332	*	53
February	657	341	264	*	51
March	620	295	277	*	48
April	631	299	286	--	46
May	591	272	273	--	46
June	659	320	289	--	49
July	721	380	293	*	48
August	679	342	292	1	45
September	619	300	272	1	47
October	621	288	291	1	41
November	554	209	299	1	45
December	584	221	304	*	58
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
Total	**2,675**	**1,144**	**1,365**	**1**	**165**
Year-to-Date					
2006	3,895	1,880	1,721	1	293
2007	3,169	1,449	1,410	2	308
2008	2,675	1,144	1,365	1	165
Rolling 12 Months Ending in June					
2007	6,948	3,188	3,162	5	593
2008	5,727	2,398	2,842	4	484

* = 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 June 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	**779**	--	**15**	**6**	**758**
2005	**601**	--	**17**	**6**	**578**
2006					
January	81	--	*	*	81
February	75	--	2	1	72
March	83	--	4	1	78
April	77	--	*	--	77
May	77	--	*	--	77
June	81	--	*	--	81
July	81	--	*	*	81
August	83	--	1	1	81
September	78	--	*	1	77
October	70	--	1	1	68
November	76	--	*	1	75
December	86	--	*	1	85
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
Total	**608**	--	**70**	**4**	**534**
Year-to-Date					
2006	474	--	6	2	466
2007	494	--	1	3	490
2008	608	--	70	4	534
Rolling 12 Months Ending in June					
2007	968	--	3	8	957
2008	1,178	--	73	9	1,096

* = 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;" 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 June 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
Total	**3,283**	**1,144**	**1,435**	**5**	**699**
Year-to-Date					
2006	4,369	1,880	1,727	2	759
2007	3,663	1,449	1,411	5	798
2008	3,283	1,144	1,435	5	699
Rolling 12 Months Ending in June					
2007	7,915	3,188	3,165	12	1,550
2008	6,905	2,398	2,915	13	1,580

* = 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. 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 2.4.A. Natural Gas: Consumption for Electricity Generation by Sector, 1994 through June 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	**6,116,574**	**1,809,443**	**3,496,420**	**45,883**	**764,828**
2005	**6,486,761**	**2,134,859**	**3,590,053**	**47,851**	**713,999**
2006					
January	369,666	115,142	192,030	3,680	58,813
February	392,116	131,336	204,232	3,387	53,161
March	457,725	163,301	232,379	3,715	58,330
April	472,058	175,515	239,670	3,355	53,517
May	558,660	206,071	287,869	3,978	60,742
June	685,406	255,572	364,249	4,233	61,352
July	923,841	340,237	512,163	4,856	66,585
August	901,844	336,378	492,282	4,909	68,275
September	603,160	218,550	320,416	4,111	60,084
October	585,124	209,168	308,140	4,295	63,522
November	448,459	163,495	223,678	3,886	57,399
December	471,566	163,631	241,476	3,980	62,478
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
Total	**3,171,294**	**1,239,958**	**1,630,517**	**18,544**	**282,274**
Year-to-Date					
2006	2,935,630	1,046,937	1,520,430	22,348	345,915
2007	3,197,163	1,138,059	1,684,359	23,991	350,754
2008	3,171,294	1,239,958	1,630,517	18,544	282,274
Rolling 12 Months Ending in June					
2007	7,131,157	2,569,517	3,782,513	50,028	729,098
2008	7,481,577	2,839,446	3,933,748	44,204	664,179

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;" 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 June 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	**610,105**	--	**157,900**	**26,189**	**426,016**
2005	**541,206**	--	**144,233**	**27,364**	**369,609**
2006					
January	44,904	--	11,191	1,458	32,254
February	41,867	--	10,570	1,565	29,732
March	45,267	--	11,289	1,623	32,354
April	43,255	--	10,842	1,616	30,797
May	43,649	--	10,469	1,483	31,698
June	58,277	--	9,840	16,109	32,329
July	49,414	--	11,131	1,805	36,479
August	48,937	--	11,537	1,810	35,591
September	42,059	--	9,355	1,480	31,223
October	45,526	--	10,225	1,766	33,535
November	42,402	--	9,413	1,565	31,424
December	43,778	--	9,258	1,598	32,922
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
Total	**394,857**	--	**151,757**	**13,320**	**229,779**
Year-to-Date					
2006	277,219	--	64,201	23,854	189,164
2007	265,289	--	56,282	11,642	197,365
2008	394,857	--	151,757	13,320	229,779
Rolling 12 Months Ending in June					
2007	537,405	--	117,200	21,666	398,539
2008	781,641	--	244,422	35,385	501,834

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 June 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	**7,027,967**	**2,134,859**	**3,734,286**	**75,215**	**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	743,683	255,572	374,089	20,341	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
Total	**3,566,151**	**1,239,958**	**1,782,275**	**31,864**	**512,053**
Year-to-Date					
2006	3,212,849	1,046,937	1,584,631	46,201	535,079
2007	3,462,452	1,138,059	1,740,640	35,634	548,119
2008	3,566,151	1,239,958	1,782,275	31,864	512,053
Rolling 12 Months Ending in June					
2007	7,668,561	2,569,517	3,899,713	71,694	1,127,637
2008	8,263,218	2,839,446	4,178,170	79,589	1,166,013

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, June 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**677**	**787**	**-13.9**	**116**	**140**	**554**	**637**	**--**	**--**	**NM**	**10**
Connecticut	186	187	-.7	--	--	186	187	--	--	--	--
Maine	11	11	1.1	--	--	5	4	--	--	6	7
Massachusetts	364	449	-18.8	--	--	363	446	--	--	NM	NM
New Hampshire	116	140	-17.0	116	140	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**5,907**	**6,121**	**-3.5**	**NM**	**52**	**5,795**	**6,011**	**NM**	**NM**	**100**	**56**
New Jersey	359	447	-19.8	NM	NM	355	444	--	--	--	--
New York	785	798	-1.6	NM	48	737	741	*	*	41	9
Pennsylvania	4,763	4,875	-2.3	--	--	4,703	4,826	NM	NM	NM	48
East North Central	**20,598**	**20,431**	**.8**	**13,714**	**14,104**	**6,635**	**6,149**	**13**	**21**	**236**	**157**
Illinois	5,213	4,829	8.0	NM	446	4,799	4,303	1	1	185	79
Indiana	5,096	5,073	.4	4,775	4,748	314	312	6	11	NM	NM
Michigan	3,179	3,282	-3.1	3,140	3,225	NM	25	6	7	12	24
Ohio	4,939	5,089	-2.9	3,436	3,565	1,496	1,507	NM	--	NM	17
Wisconsin	2,172	2,159	.6	2,135	2,120	NM	NM	NM	2	32	34
West North Central	**12,394**	**12,451**	**-.5**	**12,297**	**12,352**	**3**	**7**	**10**	**19**	**84**	**74**
Iowa	1,941	1,854	4.6	1,907	1,816	--	--	5	9	29	30
Kansas	1,773	1,853	-4.3	1,773	1,853	--	--	--	--	--	--
Minnesota	1,603	1,671	-4.1	1,560	1,637	3	7	--	--	NM	27
Missouri	3,859	3,843	.4	3,850	3,829	--	--	4	10	NM	4
Nebraska	1,106	1,066	3.7	1,105	1,065	--	--	--	--	NM	NM
North Dakota	1,915	1,992	-3.9	1,906	1,980	--	--	--	--	NM	12
South Dakota	197	171	15.5	197	171	--	--	--	--	--	--
South Atlantic	**16,727**	**16,395**	**2.0**	**14,116**	**13,591**	**2,501**	**2,674**	**NM**	**1**	**107**	**129**
Delaware	214	238	-9.9	--	--	212	231	--	--	NM	7
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,489	2,552	-2.5	2,317	2,351	NM	194	--	--	NM	7
Georgia	3,694	3,620	2.1	3,673	3,586	--	--	--	--	22	34
Maryland	1,037	1,046	-.8	--	--	1,032	1,037	--	--	5	9
North Carolina	2,971	2,825	5.2	2,860	2,681	NM	132	3	1	NM	12
South Carolina	1,666	1,517	9.9	1,643	1,501	--	--	--	--	NM	16
Virginia	1,231	1,377	-10.6	1,013	1,090	NM	266	NM	--	NM	21
West Virginia	3,424	3,220	6.3	2,612	2,381	803	815	--	--	9	24
East South Central	**10,118**	**10,199**	**-.8**	**9,391**	**9,452**	**684**	**685**	**NM**	**2**	**NM**	**60**
Alabama	3,235	3,409	-5.1	3,215	3,396	7	6	--	--	NM	7
Kentucky	3,396	3,486	-2.6	3,060	3,143	337	342	--	--	--	--
Mississippi	993	930	6.7	651	594	340	336	--	--	NM	--
Tennessee	2,494	2,375	5.0	2,465	2,319	--	--	NM	2	28	53
West South Central	**13,798**	**13,747**	**.4**	**7,430**	**7,461**	**6,341**	**6,254**	**--**	**--**	**NM**	**32**
Arkansas	1,208	1,240	-2.6	1,205	1,237	--	--	--	--	NM	3
Louisiana	1,472	1,485	-.8	759	804	713	679	--	--	NM	2
Oklahoma	2,044	1,832	11.6	1,915	1,678	104	126	--	--	NM	27
Texas	9,074	9,190	-1.3	3,550	3,742	5,524	5,449	--	--	--	--
Mountain	**9,303**	**9,603**	**-3.1**	**8,434**	**8,547**	**791**	**970**	**--**	**--**	**78**	**86**
Arizona	1,855	1,870	-.8	1,844	1,853	--	--	--	--	NM	17
Colorado	1,590	1,618	-1.7	1,586	1,605	NM	12	--	--	--	--
Idaho	NM	5	--	--	--	--	--	--	--	NM	5
Montana	699	906	-22.9	NM	NM	670	877	--	--	--	--
Nevada	256	292	-12.6	256	292	--	--	--	--	--	--
New Mexico	1,406	1,233	14.0	1,406	1,233	--	--	--	--	--	--
Utah	1,424	1,395	2.1	1,328	1,293	NM	41	--	--	62	62
Wyoming	2,072	2,284	-9.3	1,986	2,242	82	NM	--	--	4	3
Pacific Contiguous	**268**	**754**	**-64.4**	**108**	**243**	**152**	**494**	**--**	**--**	**8**	**16**
California	75	100	-25.0	--	--	67	84	--	--	8	16
Oregon	108	243	-55.5	108	243	--	--	--	--	--	--
Washington	85	411	-79.3	--	--	85	411	--	--	*	*
Pacific Noncontiguous	**105**	**104**	**.5**	**16**	**15**	**82**	**77**	**6**	**12**	**--**	**--**
Alaska	40	43	-7.1	16	15	NM	15	6	12	--	--
Hawaii	65	61	5.8	--	--	65	61	--	--	--	--
U.S. Total	**89,895**	**90,592**	**-.8**	**65,635**	**65,957**	**23,538**	**23,957**	**33**	**57**	**689**	**620**

* = 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 June 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	**3,833**	**4,543**	**-15.6**	**679**	**730**	**3,121**	**3,755**	**--**	**--**	**NM**	**57**
Connecticut	1,032	1,113	-7.3	--	--	1,032	1,113	--	--	--	--
Maine	51	64	-20.3	--	--	23	23	--	--	28	40
Massachusetts	2,072	2,636	-21.4	--	--	2,066	2,619	--	--	NM	17
New Hampshire	679	730	-7.0	679	730	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**33,354**	**34,464**	**-3.2**	**NM**	**419**	**32,635**	**33,671**	**NM**	**12**	**427**	**363**
New Jersey	1,922	1,964	-2.1	NM	136	1,788	1,828	--	--	--	--
New York	4,592	4,842	-5.2	NM	282	4,301	4,499	3	4	135	56
Pennsylvania	26,839	27,658	-3.0	--	--	26,547	27,343	NM	NM	NM	306
East North Central	**118,137**	**115,302**	**2.5**	**79,529**	**79,614**	**37,179**	**34,634**	**65**	**111**	**1,364**	**944**
Illinois	28,656	27,656	3.6	1,088	2,753	26,542	24,426	10	10	1,015	468
Indiana	29,738	30,157	-1.4	27,750	28,239	1,955	1,854	24	47	NM	17
Michigan	18,038	17,701	1.9	17,795	17,356	NM	139	26	43	77	163
Ohio	29,595	28,214	4.9	21,012	19,918	8,517	8,202	NM	--	NM	93
Wisconsin	12,111	11,573	4.6	11,884	11,348	NM	NM	NM	11	NM	202
West North Central	**73,784**	**71,552**	**3.1**	**73,178**	**70,983**	**10**	**28**	**58**	**107**	**539**	**434**
Iowa	12,357	10,901	13.4	12,127	10,670	--	--	NM	52	195	178
Kansas	10,507	11,045	-4.9	10,507	11,045	--	--	--	--	--	--
Minnesota	9,752	9,724	.3	9,491	9,537	10	28	--	--	NM	159
Missouri	21,632	21,639	.0	21,577	21,563	--	--	23	55	NM	21
Nebraska	6,789	5,332	27.3	6,781	5,325	--	--	--	--	NM	7
North Dakota	11,576	12,004	-3.6	11,523	11,935	--	--	--	--	NM	68
South Dakota	1,171	908	28.9	1,171	908	--	--	--	--	--	--
South Atlantic	**91,474**	**90,429**	**1.2**	**77,017**	**74,679**	**13,730**	**14,929**	**NM**	**9**	**716**	**811**
Delaware	1,217	1,092	11.4	--	--	1,205	1,054	--	--	NM	38
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	13,512	13,525	-.1	12,601	12,515	882	963	--	--	NM	47
Georgia	20,350	20,216	.7	20,164	19,997	--	--	--	--	186	219
Maryland	5,482	5,864	-6.5	--	--	5,456	5,809	--	--	27	55
North Carolina	15,865	15,896	-.2	15,288	15,088	NM	720	11	9	NM	78
South Carolina	8,811	7,902	11.5	8,637	7,782	--	--	--	--	NM	120
Virginia	6,809	7,296	-6.7	5,555	5,722	1,080	1,452	NM	--	NM	123
West Virginia	19,429	18,638	4.2	14,772	13,575	4,592	4,930	--	--	65	132
East South Central	**56,996**	**57,185**	**-.3**	**52,953**	**52,938**	**3,802**	**3,881**	**NM**	**19**	**237**	**346**
Alabama	17,929	18,525	-3.2	17,808	18,439	51	33	--	--	NM	53
Kentucky	20,283	20,050	1.2	18,188	17,931	2,095	2,119	--	--	--	--
Mississippi	5,118	5,109	.2	3,461	3,379	1,656	1,729	--	--	NM	1
Tennessee	13,666	13,501	1.2	13,495	13,189	--	--	NM	19	166	292
West South Central	**75,715**	**74,042**	**2.3**	**41,005**	**39,396**	**34,566**	**34,462**	**--**	**--**	**NM**	**184**
Arkansas	7,127	7,562	-5.8	7,111	7,544	--	--	--	--	NM	18
Louisiana	8,085	6,958	16.2	4,019	3,136	4,063	3,816	--	--	NM	6
Oklahoma	11,441	10,428	9.7	10,767	9,607	550	661	--	--	NM	160
Texas	49,061	49,094	-.1	19,109	19,109	29,953	29,985	--	--	--	--
Mountain	**55,351**	**55,620**	**-.5**	**48,766**	**49,332**	**6,253**	**5,887**	**--**	**--**	**332**	**401**
Arizona	10,601	10,565	.3	10,542	10,465	--	--	--	--	NM	100
Colorado	9,304	9,709	-4.2	9,280	9,644	NM	65	--	--	--	--
Idaho	NM	26	--	--	--	--	--	--	--	NM	26
Montana	5,784	5,544	4.3	NM	NM	5,621	5,377	--	--	--	--
Nevada	1,512	1,503	.6	1,512	1,503	--	--	--	--	--	--
New Mexico	6,837	7,615	-10.2	6,837	7,615	--	--	--	--	--	--
Utah	8,453	8,154	3.7	8,011	7,680	NM	222	--	--	241	252
Wyoming	12,852	12,505	2.8	12,420	12,259	NM	223	--	--	NM	23
Pacific Contiguous	**3,686**	**3,963**	**-7.0**	**990**	**1,105**	**2,642**	**2,772**	**--**	**--**	**53**	**87**
California	412	517	-20.4	--	--	370	438	--	--	42	79
Oregon	990	1,105	-10.4	990	1,105	--	--	--	--	--	--
Washington	2,284	2,341	-2.4	--	--	2,272	2,333	--	--	12	8
Pacific Noncontiguous	**703**	**663**	**5.9**	**102**	**92**	**476**	**464**	**125**	**108**	**--**	**--**
Alaska	330	290	13.8	102	92	NM	90	125	108	--	--
Hawaii	373	374	-.1	--	--	373	374	--	--	--	--
U.S. Total	**513,033**	**507,764**	**1.0**	**374,506**	**369,289**	**134,415**	**134,482**	**266**	**366**	**3,845**	**3,627**

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, June 2008 and 2007
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**670**	**689**	**-2.7**	**53**	**54**	**569**	**585**	**NM**	**6**	**39**	**43**
Connecticut	155	158	-1.9	NM	NM	151	153	NM	--	NM	NM
Maine	80	31	161.6	NM	NM	55	NM	NM	*	24	29
Massachusetts	364	409	-10.8	NM	NM	348	397	NM	3	NM	NM
New Hampshire	62	82	-25.0	41	45	NM	33	NM	1	NM	3
Rhode Island	NM	6	--	NM	4	NM	--	NM	NM	--	NM
Vermont	NM	3	--	NM	3	--	--	--	--	--	--
Middle Atlantic	**1,057**	**1,198**	**-11.7**	**403**	**536**	**618**	**624**	**NM**	**7**	**NM**	**31**
New Jersey	90	68	31.3	NM	NM	85	61	NM	NM	NM	NM
New York	716	844	-15.2	399	527	297	282	NM	7	14	28
Pennsylvania	252	286	-11.8	NM	NM	236	281	NM	NM	NM	NM
East North Central	**270**	**NM**	**--**	**230**	**NM**	**31**	**42**	**NM**	**NM**	**8**	**19**
Illinois	34	20	68.4	NM	NM	18	15	NM	NM	NM	--
Indiana	35	25	39.0	33	21	NM	--	NM	*	NM	4
Michigan	104	NM	--	99	NM	NM	NM	NM	--	4	6
Ohio	67	70	-3.5	55	42	12	26	--	--	NM	1
Wisconsin	30	33	-9.8	27	25	NM	NM	NM	*	NM	NM
West North Central	**127**	**136**	**-6.5**	**123**	**134**	**NM**	**1**	**NM**	**NM**	**NM**	**NM**
Iowa	50	70	-28.2	47	69	NM	1	NM	*	NM	--
Kansas	NM	6	--	NM	6	--	--	NM	--	--	--
Minnesota	NM	22	--	NM	22	NM	NM	NM	NM	NM	NM
Missouri	25	NM	--	25	NM	--	--	NM	*	NM	--
Nebraska	NM	NM	--	NM	NM	--	--	--	*	--	--
North Dakota	11	NM	--	11	NM	--	--	--	--	NM	*
South Dakota	NM	NM	--	NM	NM	--	--	--	--	--	--
South Atlantic	**2,916**	**3,308**	**-11.9**	**2,556**	**2,939**	**320**	**241**	**NM**	**NM**	**39**	**126**
Delaware	41	49	-16.3	NM	NM	37	26	--	--	4	22
District of Columbia	112	34	230.2	--	--	112	34	--	--	--	--
Florida	2,133	2,600	-17.9	2,114	2,561	NM	18	NM	--	NM	21
Georgia	27	26	3.4	12	12	NM	NM	NM	1	14	14
Maryland	143	152	-5.9	NM	NM	137	147	NM	NM	NM	NM
North Carolina	36	63	-42.1	30	23	NM	NM	NM	NM	NM	39
South Carolina	NM	41	--	NM	19	--	--	NM	NM	6	22
Virginia	348	306	13.5	328	284	18	15	--	*	NM	7
West Virginia	19	38	-48.9	17	38	2	--	--	--	--	--
East South Central	**110**	**164**	**-32.7**	**95**	**154**	**NM**	**3**	**--**	**--**	**NM**	**7**
Alabama	NM	27	--	16	22	NM	*	--	--	NM	5
Kentucky	35	21	65.8	31	19	NM	2	--	--	--	--
Mississippi	22	88	-75.3	22	87	--	--	--	--	NM	1
Tennessee	27	28	-3.8	27	26	--	--	--	--	NM	NM
West South Central	**NM**	**88**	**--**	**37**	**55**	**24**	**16**	**NM**	**NM**	**NM**	**17**
Arkansas	11	NM	--	10	NM	--	--	--	--	NM	3
Louisiana	32	24	30.0	26	12	3	3	--	--	NM	9
Oklahoma	NM	10	--	NM	8	--	--	NM	*	NM	2
Texas	25	20	27.7	NM	NM	21	13	NM	NM	NM	3
Mountain	**51**	**45**	**14.4**	**39**	**32**	**NM**	**12**	**NM**	**--**	**NM**	**NM**
Arizona	NM	3	--	NM	2	--	--	NM	--	NM	1
Colorado	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Idaho	NM	NM	--	NM	NM	--	--	--	--	NM	--
Montana	6	NM	--	NM	NM	6	NM	--	--	--	--
Nevada	NM	4	--	NM	4	*	--	--	--	--	--
New Mexico	NM	3	--	NM	3	NM	NM	--	--	NM	--
Utah	NM	15	--	NM	9	NM	7	--	--	--	--
Wyoming	13	NM	--	12	NM	NM	NM	--	--	NM	*
Pacific Contiguous	**22**	**81**	**-73.0**	**12**	**17**	**8**	**17**	**NM**	**NM**	**NM**	**46**
California	12	67	-82.1	10	14	NM	12	NM	NM	NM	42
Oregon	NM	*	--	1	*	--	--	NM	--	NM	--
Washington	8	13	-37.7	NM	NM	5	5	NM	--	NM	5
Pacific Noncontiguous	**1,306**	**1,504**	**-13.2**	**1,080**	**1,203**	**205**	**258**	**NM**	**4**	**NM**	**40**
Alaska	104	175	-40.5	96	164	--	--	NM	3	NM	8
Hawaii	1,202	1,329	-9.6	985	1,039	205	258	*	*	NM	33
U.S. Total	**6,600**	**7,432**	**-11.2**	**4,629**	**5,284**	**1,792**	**1,798**	**20**	**19**	**159**	**331**

* = 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 June 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	**3,090**	**6,162**	**-49.9**	**NM**	**556**	**NM**	**4,942**	**NM**	**90**	**248**	**574**
Connecticut	NM	1,388	--	NM	NM	NM	1,324	NM	NM	NM	63
Maine	385	822	-53.1	NM	NM	199	445	NM	3	184	373
Massachusetts	NM	3,208	--	NM	NM	NM	3,000	NM	44	NM	100
New Hampshire	209	674	-69.0	108	464	NM	163	NM	12	NM	36
Rhode Island	NM	57	--	NM	14	NM	10	NM	31	*	NM
Vermont	NM	13	--	NM	13	--	--	--	--	--	--
Middle Atlantic	**NM**	**11,896**	**--**	**NM**	**5,163**	**NM**	**6,373**	**31**	**113**	**NM**	**247**
New Jersey	458	666	-31.2	NM	NM	NM	566	NM	NM	NM	NM
New York	NM	9,604	--	NM	5,064	NM	4,229	26	105	112	206
Pennsylvania	NM	1,626	--	NM	NM	883	1,578	NM	7	NM	38
East North Central	**1,162**	**1,379**	**-15.8**	**919**	**954**	**194**	**223**	**NM**	**3**	**43**	**199**
Illinois	171	135	26.5	NM	NM	136	96	NM	NM	NM	5
Indiana	189	166	14.1	183	128	NM	NM	NM	1	NM	36
Michigan	415	464	-10.6	385	396	NM	NM	4	1	25	66
Ohio	275	343	-19.6	217	220	NM	118	--	--	NM	5
Wisconsin	NM	272	--	100	176	NM	9	NM	*	NM	87
West North Central	**510**	**910**	**-44.0**	**499**	**887**	**NM**	**11**	**NM**	**5**	**NM**	**NM**
Iowa	135	234	-42.2	129	227	NM	6	NM	*	NM	NM
Kansas	60	53	13.0	60	53	--	--	NM	--	--	--
Minnesota	NM	298	--	NM	284	NM	5	NM	4	NM	NM
Missouri	94	104	-10.2	93	104	--	--	NM	1	--	--
Nebraska	NM	NM	--	NM	NM	--	--	--	*	--	--
North Dakota	52	53	-2.6	51	51	--	--	--	--	NM	2
South Dakota	NM	103	--	NM	103	--	--	--	--	--	--
South Atlantic	**10,062**	**16,365**	**-38.5**	**8,757**	**13,463**	**929**	**2,090**	**NM**	**NM**	**372**	**800**
Delaware	146	297	-50.8	NM	NM	NM	241	--	--	39	55
District of Columbia	125	50	152.5	--	--	125	50	--	--	--	--
Florida	7,571	11,168	-32.2	7,444	10,832	NM	156	NM	--	NM	179
Georgia	163	182	-10.7	85	81	12	NM	NM	5	64	93
Maryland	NM	1,215	--	NM	NM	NM	1,178	NM	NM	NM	14
North Carolina	327	561	-41.7	246	270	NM	NM	NM	NM	79	265
South Carolina	214	289	-25.9	136	164	*	*	NM	NM	77	122
Virginia	920	2,418	-61.9	706	1,923	191	433	--	4	23	58
West Virginia	134	185	-27.9	131	169	2	2	--	--	--	14
East South Central	**585**	**1,186**	**-50.7**	**454**	**1,030**	**NM**	**32**	**--**	**--**	**NM**	**124**
Alabama	200	193	3.3	101	86	26	5	--	--	NM	103
Kentucky	122	128	-4.3	98	101	NM	27	--	--	--	--
Mississippi	37	702	-94.8	34	699	--	--	--	--	NM	2
Tennessee	226	164	38.1	221	144	--	--	--	--	NM	19
West South Central	**397**	**926**	**-57.1**	**222**	**667**	**127**	**147**	**NM**	**NM**	**48**	**109**
Arkansas	45	155	-71.0	41	139	--	--	--	--	4	NM
Louisiana	172	288	-40.2	145	222	10	13	--	--	NM	52
Oklahoma	NM	230	--	NM	215	--	--	NM	*	NM	15
Texas	156	253	-38.6	23	91	117	134	NM	NM	NM	NM
Mountain	**271**	**315**	**-13.8**	**208**	**221**	**61**	**89**	**NM**	**--**	**NM**	**NM**
Arizona	NM	46	--	NM	43	--	--	NM	--	NM	3
Colorado	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Idaho	NM	NM	--	NM	NM	--	--	--	--	NM	--
Montana	18	NM	--	NM	NM	17	NM	--	--	--	--
Nevada	13	NM	--	12	NM	*	--	--	--	--	--
New Mexico	47	31	50.3	46	30	NM	NM	--	--	NM	*
Utah	NM	76	--	26	NM	NM	37	--	--	--	--
Wyoming	50	42	20.0	49	40	NM	NM	--	--	NM	1
Pacific Contiguous	**201**	**423**	**-52.4**	**101**	**86**	**54**	**82**	**NM**	**NM**	**46**	**250**
California	147	344	-57.2	76	69	43	72	NM	NM	NM	199
Oregon	NM	14	--	18	5	--	--	NM	--	NM	9
Washington	25	64	-61.2	NM	NM	11	11	NM	NM	8	41
Pacific Noncontiguous	**7,091**	**8,543**	**-17.0**	**6,098**	**6,745**	**900**	**1,527**	**NM**	**15**	**88**	**256**
Alaska	711	982	-27.6	674	912	--	--	NM	14	NM	56
Hawaii	6,379	7,561	-15.6	5,424	5,833	900	1,527	1	2	NM	200
U.S. Total	**27,289**	**48,105**	**-43.3**	**18,788**	**29,772**	**7,310**	**15,517**	**85**	**246**	**1,107**	**2,570**

* = 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, June 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**NM**	**12**	--	--	--	**5**	**NM**	--	--	**NM**	**6**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	5	NM	--	--	--	5	NM	--	--	--	--
Pennsylvania	NM	7	--	--	--	NM	NM	--	--	NM	6
East North Central	**62**	**63**	**-1.9**	**23**	**23**	**34**	**34**	--	--	**5**	**6**
Illinois	NM	--	--	NM	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	3	4	-38.2	--	1	3	3	--	--	--	--
Ohio	32	32	.6	--	--	32	31	--	--	NM	1
Wisconsin	28	28	.5	23	23	--	--	--	--	5	5
West North Central	**7**	**9**	**-21.8**	**7**	**9**	--	--	--	--	--	--
Iowa	2	NM	--	2	NM	--	--	--	--	--	--
Kansas	1	--	--	1	--	--	--	--	--	--	--
Minnesota	4	7	-38.8	4	7	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**139**	**189**	**-26.2**	**131**	**173**	--	--	--	--	**8**	**16**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	131	173	-23.9	131	173	--	--	--	--	--	--
Georgia	8	16	-51.3	--	--	--	--	--	--	8	16
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**100**	**103**	**-3.0**	--	--	**100**	**103**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	100	103	-3.0	--	--	100	103	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**103**	**125**	**-17.6**	**56**	**64**	**39**	**44**	--	--	**NM**	**18**
Arkansas	NM	NM	--	--	--	--	--	--	--	NM	NM
Louisiana	61	74	-17.0	56	64	--	--	--	--	NM	10
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	42	51	-18.5	--	--	39	44	--	--	NM	8
Mountain	**15**	**20**	**-23.8**	--	--	**15**	**20**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	15	20	-23.8	--	--	15	20	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**57**	**75**	**-24.1**	--	--	**50**	**65**	--	--	**NM**	**10**
California	57	75	-24.1	--	--	50	65	--	--	NM	10
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**492**	**597**	**-17.5**	**218**	**269**	**243**	**272**	--	--	**31**	**56**

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.

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

Table 2.7.B. Consumption of Petroleum Coke for Electricity Generation by State by Sector, Year-to-Date through June 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**	**89**	--	--	--	**37**	**53**	--	--	**NM**	**36**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	29	49	-41.4	--	--	29	49	--	--	--	--
Pennsylvania	NM	40	--	--	--	NM	NM	--	--	NM	36
East North Central	**363**	**370**	**-2.0**	**131**	**144**	**208**	**192**	--	--	**NM**	**34**
Illinois	NM	--	--	NM	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	16	24	-30.6	--	4	16	19	--	--	--	--
Ohio	193	178	8.2	--	--	191	172	--	--	NM	6
Wisconsin	153	168	-8.8	131	140	--	--	--	--	NM	28
West North Central	**71**	**51**	**37.7**	**70**	**50**	--	--	**1**	**2**	--	--
Iowa	22	NM	--	21	NM	--	--	1	2	--	--
Kansas	24	--	--	24	--	--	--	--	--	--	--
Minnesota	25	37	-32.3	25	37	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**646**	**1,007**	**-35.9**	**606**	**917**	--	--	--	--	**40**	**90**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	606	917	-33.9	606	917	--	--	--	--	--	--
Georgia	40	90	-55.9	--	--	--	--	--	--	40	90
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**542**	**508**	**6.6**	--	--	**542**	**508**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	542	508	6.6	--	--	542	508	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**603**	**618**	**-2.5**	**337**	**338**	**226**	**184**	--	--	**NM**	**97**
Arkansas	NM	NM	--	--	--	--	--	--	--	NM	NM
Louisiana	359	387	-7.3	337	338	--	--	--	--	NM	49
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	244	231	5.7	--	--	226	184	--	--	NM	47
Mountain	**90**	**132**	**-31.5**	--	--	**90**	**132**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	90	132	-31.5	--	--	90	132	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**304**	**394**	**-22.8**	--	--	**263**	**342**	--	--	**NM**	**51**
California	304	394	-22.8	--	--	263	342	--	--	NM	51
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**2,675**	**3,169**	**-15.6**	**1,144**	**1,449**	**1,365**	**1,410**	**1**	**2**	**165**	**308**

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, June 2008 and 2007
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**32,085**	**32,530**	**-1.4**	**345**	**441**	**30,104**	**30,083**	**393**	**524**	**1,243**	**1,482**
Connecticut	4,653	5,746	-19.0	4	--	4,543	5,472	NM	NM	NM	250
Maine	3,450	3,598	-4.1	--	--	2,450	2,650	NM	NM	999	942
Massachusetts	15,398	16,342	-5.8	338	425	14,640	15,328	342	418	NM	NM
New Hampshire	3,382	3,378	.1	*	13	3,306	3,246	--	--	NM	NM
Rhode Island	5,200	3,464	50.1	--	--	5,165	3,388	NM	NM	--	--
Vermont	3	3	-.9	3	3	--	--	--	--	--	--
Middle Atlantic	**75,043**	**68,098**	**10.2**	**14,345**	**14,956**	**59,544**	**51,255**	**367**	**584**	**787**	**1,303**
New Jersey	18,728	15,064	24.3	NM	NM	18,331	14,368	NM	158	NM	506
New York	40,427	39,015	3.6	14,295	14,909	25,723	23,558	210	323	199	225
Pennsylvania	15,888	14,018	13.3	NM	NM	15,490	13,329	NM	103	NM	572
East North Central	**23,195**	**29,921**	**-22.5**	**6,708**	**7,146**	**15,689**	**21,419**	**173**	**481**	**625**	**874**
Illinois	4,834	6,424	-24.8	606	842	3,961	4,966	138	411	NM	NM
Indiana	3,827	3,604	6.2	1,239	1,406	2,270	1,950	NM	9	315	238
Michigan	8,376	11,973	-30.0	1,794	NM	6,521	10,305	NM	NM	NM	NM
Ohio	3,201	3,210	-.3	978	1,003	2,206	2,131	--	--	NM	NM
Wisconsin	2,956	4,710	-37.2	2,091	2,464	731	2,066	NM	51	NM	NM
West North Central	**10,446**	**13,103**	**-20.3**	**8,956**	**11,247**	**1,405**	**1,693**	**NM**	**55**	**NM**	**NM**
Iowa	1,629	2,346	-30.6	1,625	2,346	NM	NM	NM	NM	2	--
Kansas	2,885	2,502	15.3	2,855	2,473	--	--	--	--	NM	NM
Minnesota	1,475	3,069	-51.9	940	2,130	495	838	NM	31	NM	NM
Missouri	3,520	3,914	-10.1	2,603	3,040	909	851	5	18	NM	NM
Nebraska	707	774	-8.7	706	765	NM	NM	NM	NM	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	4
South Dakota	NM	486	--	NM	486	--	--	--	--	--	--
South Atlantic	**124,909**	**105,636**	**18.2**	**96,136**	**80,729**	**28,182**	**24,194**	**NM**	**50**	**568**	**662**
Delaware	1,933	1,364	41.7	NM	NM	1,903	1,336	--	--	NM	NM
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	79,031	71,835	10.0	70,363	63,229	8,295	8,190	NM	47	NM	369
Georgia	13,319	13,485	-1.2	6,093	6,725	7,147	6,610	--	--	NM	NM
Maryland	2,331	1,634	42.7	--	--	2,300	1,599	NM	NM	NM	NM
North Carolina	7,612	4,206	81.0	6,427	3,213	1,180	970	*	*	NM	NM
South Carolina	8,245	4,858	69.7	5,687	3,307	2,552	1,536	NM	NM	5	13
Virginia	12,224	7,991	53.0	7,354	4,154	4,783	3,780	--	--	NM	NM
West Virginia	215	263	-18.4	191	84	NM	174	--	--	NM	NM
East South Central	**45,504**	**37,793**	**20.4**	**20,668**	**18,539**	**23,914**	**18,052**	**NM**	**170**	**871**	**1,032**
Alabama	20,052	17,910	12.0	5,963	6,265	13,426	10,971	--	--	664	674
Kentucky	1,955	1,757	11.2	1,448	1,581	425	101	--	--	NM	75
Mississippi	22,554	17,848	26.4	12,387	10,578	10,059	6,981	NM	34	NM	255
Tennessee	943	278	239.0	870	114	4	--	NM	136	NM	NM
West South Central	**246,918**	**236,237**	**4.5**	**74,551**	**63,705**	**135,730**	**129,152**	**NM**	**571**	**36,148**	**42,809**
Arkansas	8,603	9,310	-7.6	2,254	1,643	6,259	7,539	NM	NM	NM	127
Louisiana	35,227	38,145	-7.6	16,270	15,596	5,631	6,262	NM	49	13,308	16,238
Oklahoma	29,671	25,186	17.8	18,859	14,754	10,729	10,204	NM	NM	NM	NM
Texas	173,417	163,595	6.0	37,168	31,711	113,111	105,147	NM	496	22,681	26,241
Mountain	**60,337**	**68,856**	**-12.4**	**33,367**	**33,079**	**26,499**	**34,752**	**NM**	**283**	**NM**	**742**
Arizona	27,970	30,810	-9.2	11,515	11,225	16,398	19,467	NM	NM	NM	45
Colorado	8,119	11,116	-27.0	3,306	3,629	4,785	7,304	--	144	NM	NM
Idaho	NM	700	--	NM	NM	NM	538	--	--	NM	NM
Montana	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada	13,811	15,696	-12.0	9,141	8,923	4,582	6,494	--	--	NM	278
New Mexico	6,122	5,528	10.8	5,808	4,877	NM	549	NM	NM	NM	NM
Utah	3,765	4,567	-17.6	3,369	4,213	NM	NM	NM	NM	NM	6
Wyoming	257	NM	--	NM	NM	NM	NM	--	--	164	229
Pacific Contiguous	**67,709**	**86,038**	**-21.3**	**17,729**	**17,298**	**43,141**	**57,643**	**NM**	**1,571**	**5,778**	**9,526**
California	65,321	77,429	-15.6	17,298	15,299	41,388	51,349	NM	1,547	5,581	9,235
Oregon	1,521	6,419	-76.3	66	1,257	1,268	4,872	NM	NM	NM	274
Washington	867	2,190	-60.4	NM	743	NM	1,422	NM	NM	11	16
Pacific Noncontiguous	**3,214**	**3,440**	**-6.6**	**3,131**	**3,234**	**--**	**--**	**--**	**--**	**NM**	**207**
Alaska	3,214	3,440	-6.6	3,131	3,234	--	--	--	--	NM	207
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**689,360**	**681,652**	**1.1**	**275,937**	**250,372**	**364,208**	**368,244**	**2,672**	**4,290**	**46,542**	**58,745**

* = 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 June 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	**168,642**	**174,282**	**-3.2**	**743**	**1,036**	**156,995**	**162,706**	**2,243**	**3,059**	**8,661**	**7,481**
Connecticut	27,841	35,209	-20.9	10	--	27,056	33,646	NM	NM	NM	1,419
Maine	22,401	20,316	10.3	--	--	15,465	15,847	NM	NM	6,927	4,453
Massachusetts	68,698	81,294	-15.5	713	993	65,613	76,919	1,872	2,475	NM	908
New Hampshire	24,038	16,485	45.8	8	32	23,453	15,752	--	--	NM	701
Rhode Island	25,653	20,966	22.4	--	--	25,408	20,542	NM	424	--	--
Vermont	11	11	5.3	11	11	--	--	--	--	--	--
Middle Atlantic	**305,242**	**289,649**	**5.4**	**67,604**	**60,520**	**229,058**	**217,994**	**2,884**	**3,306**	**5,696**	**7,829**
New Jersey	79,776	61,587	29.5	NM	NM	76,882	57,514	NM	929	NM	3,010
New York	173,910	174,706	-.5	67,421	60,324	103,505	111,420	1,677	1,730	1,308	1,233
Pennsylvania	51,556	53,355	-3.4	NM	NM	48,671	49,060	NM	647	NM	3,586
East North Central	**100,653**	**137,194**	**-26.6**	**24,293**	**30,766**	**69,737**	**98,408**	**2,193**	**2,812**	**4,431**	**5,208**
Illinois	16,171	26,646	-39.3	1,745	2,173	11,735	20,963	1,944	2,344	NM	1,166
Indiana	15,809	14,538	8.7	4,165	4,795	9,263	8,144	NM	70	2,344	1,530
Michigan	38,991	56,228	-30.7	5,218	5,636	33,305	49,045	NM	73	NM	1,474
Ohio	NM	12,910	--	NM	4,245	6,055	8,350	--	--	NM	NM
Wisconsin	21,216	26,871	-21.0	10,888	13,917	9,378	11,907	NM	324	NM	723
West North Central	**46,371**	**56,554**	**-18.0**	**38,866**	**48,685**	**7,013**	**7,162**	**NM**	**239**	**NM**	**NM**
Iowa	7,989	14,181	-43.7	7,968	14,168	NM	NM	NM	NM	4	--
Kansas	10,522	7,298	44.2	10,448	7,228	--	--	--	--	NM	NM
Minnesota	9,495	15,820	-40.0	5,682	9,910	3,470	5,409	NM	165	NM	NM
Missouri	15,733	13,512	16.4	12,156	11,736	3,540	1,738	14	26	NM	NM
Nebraska	2,099	4,411	-52.4	2,095	4,361	NM	NM	NM	NM	--	--
North Dakota	NM	NM	--	NM	NM	--	--	--	--	NM	50
South Dakota	NM	1,275	--	NM	1,275	--	--	--	--	--	--
South Atlantic	**490,711**	**451,906**	**8.6**	**401,676**	**363,777**	**84,712**	**82,928**	**NM**	**370**	**4,172**	**4,830**
Delaware	4,204	4,545	-7.5	NM	NM	4,006	4,443	--	--	129	NM
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	380,289	334,178	13.8	336,530	294,997	41,439	36,046	NM	364	2,177	2,771
Georgia	37,724	44,677	-15.6	20,932	26,031	15,895	17,498	--	--	NM	1,147
Maryland	5,682	5,682	.0	--	--	5,441	5,476	NM	NM	NM	205
North Carolina	12,771	12,260	4.2	11,114	11,043	1,482	1,183	3	*	NM	NM
South Carolina	21,111	18,864	11.9	16,908	14,723	4,138	4,081	NM	NM	61	56
Virginia	27,850	30,171	-7.7	15,740	16,356	11,623	13,331	--	--	NM	485
West Virginia	1,080	1,530	-29.4	383	553	687	869	--	--	NM	107
East South Central	**166,541**	**166,125**	**.2**	**87,613**	**84,678**	**72,508**	**74,403**	**NM**	**718**	**6,089**	**6,326**
Alabama	72,301	77,656	-6.9	31,928	32,340	35,870	41,138	--	--	4,503	4,178
Kentucky	6,028	7,320	-17.7	4,841	6,549	494	316	--	--	NM	456
Mississippi	85,632	79,151	8.2	48,691	44,605	36,139	32,901	NM	101	NM	1,544
Tennessee	2,580	1,998	29.1	2,153	1,185	4	NM	NM	618	NM	NM
West South Central	**1,095,490**	**1,169,024**	**-6.3**	**317,158**	**300,215**	**565,214**	**610,469**	**3,033**	**3,422**	**210,084**	**254,919**
Arkansas	28,814	27,106	6.3	5,471	4,162	22,717	22,202	NM	NM	620	737
Louisiana	174,722	188,609	-7.4	74,410	64,360	19,402	28,319	NM	277	80,812	95,653
Oklahoma	126,043	124,850	1.0	85,421	78,360	40,121	45,827	NM	159	NM	505
Texas	765,910	828,459	-7.5	151,856	153,333	482,974	514,121	2,856	2,981	128,224	158,024
Mountain	**305,077**	**289,507**	**5.4**	**163,985**	**144,874**	**136,610**	**138,874**	**NM**	**1,064**	**3,723**	**4,695**
Arizona	119,019	108,617	9.6	47,926	44,431	70,789	63,670	NM	421	NM	96
Colorado	46,878	50,373	-6.9	17,903	14,388	28,549	35,497	240	268	NM	220
Idaho	5,938	4,065	46.1	NM	505	5,012	2,931	--	--	346	629
Montana	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada	77,043	78,693	-2.1	46,594	45,190	29,161	31,995	--	--	NM	1,508
New Mexico	28,811	25,262	14.0	27,215	21,864	NM	2,947	NM	254	NM	197
Utah	25,399	19,857	27.9	23,429	18,182	NM	1,523	NM	121	NM	30
Wyoming	1,645	2,027	-18.8	NM	NM	NM	NM	--	--	1,221	1,652
Pacific Contiguous	**472,006**	**442,248**	**6.7**	**118,052**	**84,053**	**308,671**	**291,415**	**6,734**	**9,001**	**38,550**	**57,779**
California	385,512	389,284	-1.0	93,225	70,977	250,134	254,755	6,686	8,882	35,467	54,670
Oregon	55,316	36,512	51.5	18,118	7,334	34,348	26,104	NM	NM	2,840	2,999
Washington	31,178	16,453	89.5	NM	5,743	24,188	10,556	NM	NM	243	110
Pacific Noncontiguous	**20,561**	**20,673**	**-.5**	**19,970**	**19,455**	**--**	**--**	**--**	**--**	**NM**	**1,218**
Alaska	20,561	20,673	-.5	19,970	19,455	--	--	--	--	NM	1,218
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**3,171,294**	**3,197,163**	**-.8**	**1,239,958**	**1,138,059**	**1,630,517**	**1,684,359**	**18,544**	**23,991**	**282,274**	**350,754**

* = 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. • 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 June 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

[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, June 2008

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Percent Change
New England	**1,256**	**W**	**W**	**3,978**	**4,006**	**-.7**	**--**	**--**	**--**
Connecticut, Maine, New Hampshire, Rhode Island, Vermont[1]	521	W	W	2,342	2,707	-13.5	--	--	--
Massachusetts	735	811	W	1,635	1,299	25.9	--	--	W
Middle Atlantic	**6,883**	**7,175**	**-4.1**	**9,056**	**10,176**	**-11.0**	**21**	**W**	**W**
New Jersey	751	792	-5.1	1,447	1,174	23.3	--	--	--
New York	927	1,113	-16.7	5,521	6,450	-14.4	W	W	W
Pennsylvania	5,205	5,270	-1.2	2,088	2,551	-18.1	W	--	--
East North Central	**34,922**	**39,817**	**-12.3**	**2,098**	**2,229**	**-5.9**	**52**	**34**	**55.3**
Illinois	7,813	8,648	-9.7	241	265	-9.0	W	--	--
Indiana	8,202	9,796	-16.3	113	129	-12.0	--	--	--
Michigan	6,049	8,453	-28.4	1,055	1,032	2.3	W	W	W
Ohio	6,868	9,195	-25.3	320	440	-27.3	--	--	--
Wisconsin	5,990	3,724	60.8	368	363	1.4	W	W	W
West North Central	**28,195**	**23,430**	**20.3**	**1,676**	**1,784**	**-6.1**	**W**	**W**	**W**
Iowa	5,600	4,116	36.1	160	163	-1.9	W	W	W
Kansas	4,891	3,943	24.0	627	696	-9.9	W	--	--
Minnesota	3,127	2,695	16.0	272	279	-2.5	W	W	W
Missouri	8,955	8,072	10.9	325	335	-3.0	--	--	--
Nebraska	3,424	2,767	23.8	178	198	-10.3	--	--	--
North Dakota, South Dakota[1]	2,198	1,837	19.7	114	113	.7	--	--	--
South Atlantic	**24,093**	**32,299**	**-25.4**	**16,928**	**17,246**	**-1.8**	**287**	**256**	**11.8**
Delaware, District of Columbia, Maryland[1]	1,849	2,228	-17.0	2,023	2,161	-6.4	--	--	--
Florida	3,881	5,398	-28.1	9,361	9,966	-6.1	W	W	W
Georgia	6,494	7,475	-13.1	935	931	.4	--	--	--
North Carolina	3,962	6,155	-35.6	1,045	963	8.5	--	--	--
South Carolina	3,024	4,744	-36.3	834	888	-6.1	W	W	W
Virginia	1,681	2,023	-16.9	2,567	2,163	18.7	--	--	--
West Virginia	3,201	4,276	-25.1	162	174	-6.6	--	--	--
East South Central	**13,796**	**13,715**	**.6**	**1,836**	**2,403**	**-23.6**	**W**	**W**	**W**
Alabama	3,874	4,171	-7.1	190	669	-71.6	--	--	--
Kentucky	5,897	5,834	1.1	273	273	.0	W	W	W
Mississippi	944	926	2.0	853	842	1.4	--	--	--
Tennessee	3,082	2,783	10.7	519	618	-16.0	--	--	--
West South Central	**26,102**	**22,500**	**16.0**	**2,334**	**3,220**	**-27.5**	**W**	**W**	**W**
Arkansas	2,825	2,639	7.0	182	61	198.2	--	--	--
Louisiana	2,741	2,646	3.6	845	1,591	-46.9	W	W	W
Oklahoma	4,918	3,708	32.6	220	252	-12.7	--	--	--
Texas	15,617	13,507	15.6	1,088	1,316	-17.3	W	W	W
Mountain	**16,361**	**14,533**	**12.6**	**720**	**898**	**-19.8**	**W**	**W**	**W**
Arizona	2,843	2,916	-2.5	301	366	-17.8	--	--	--
Colorado	3,286	2,969	10.7	85	157	-45.5	--	--	--
Idaho	--	--	--	W	W	W	--	--	--
Montana, New Mexico[1]	W	W	W	70	93	-25.2	W	W	W
Nevada	W	W	W	175	203	-13.8	--	--	--
Utah	4,107	3,927	4.6	54	56	-4.9	--	--	--
Wyoming	3,746	2,571	45.7	W	W	W	--	--	--
Pacific[2]	**W**	**W**	**W**	**2,352**	**2,483**	**-5.3**	**52**	**23**	**129.2**
California, Oregon, Washington, Hawaii, Alaska[1]	W	W	W	2,352	2,483	-5.3	52	23	W
U.S. Total	**154,041**	**156,412**	**-1.5**	**40,978**	**44,443**	**-7.8**	**755**	**552**	**36.9**

[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, June 2008

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007
Coal (thousand tons)							
New England	1,256	W	W	W	W	W	W
Middle Atlantic	6,883	7,175	-4.1	W	W	W	W
East North Central	34,922	39,817	-12.3	24,973	29,899	9,949	9,918
West North Central	28,195	23,430	20.3	28,195	W	--	W
South Atlantic	24,093	32,299	-25.4	21,011	28,900	3,082	3,398
East South Central	13,796	13,715	.6	12,874	12,624	922	1,091
West South Central	26,102	22,500	16.0	17,052	14,447	9,050	8,053
Mountain	16,361	14,533	12.6	15,697	W	665	W
Pacific Contiguous	W	1,520	W	W	W	W	W
Pacific Noncontiguous	W	W	W	W	--	W	W
U.S. Total	**154,041**	**156,412**	**-1.5**	**121,248**	**124,511**	**32,793**	**31,901**
Petroleum Liquids (thousand barrels)							
New England	3,978	4,006	-.7	567	724	3,410	3,282
Middle Atlantic	9,056	10,176	-11.0	3,113	3,450	5,943	6,726
East North Central	2,098	2,229	-5.9	1,699	1,818	399	411
West North Central	1,676	1,784	-6.1	1,637	1,765	39	19
South Atlantic	16,928	17,246	-1.8	13,271	13,462	3,657	3,784
East South Central	1,836	2,403	-23.6	1,760	W	75	W
West South Central	2,334	3,220	-27.5	2,263	2,962	71	258
Mountain	720	898	-19.8	W	810	W	87
Pacific Contiguous	809	1,054	-23.2	358	482	451	572
Pacific Noncontiguous	1,543	1,429	8.0	W	W	W	W
U.S. Total	**40,978**	**44,443**	**-7.8**	**26,837**	**28,752**	**14,141**	**15,692**
Petroleum Coke (thousand tons)							
New England	--	--	--	--	--	--	--
Middle Atlantic	21	W	W	--	--	21	W
East North Central	52	34	55.3	W	W	W	W
West North Central	W	W	W	W	W	--	--
South Atlantic	287	256	11.8	287	256	--	--
East South Central	W	W	W	--	--	W	W
West South Central	W	W	W	W	W	W	W
Mountain	W	W	W	--	--	W	W
Pacific Contiguous	52	23	129.2	--	--	52	23
Pacific Noncontiguous	--	--	--	--	--	--	--
U.S. Total	**755**	**552**	**36.9**	**354**	**319**	**401**	**232**

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 June 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

[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 June 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
Total	**10,272,180**	**515,511**	**1.98**	**39.32**	**1.0**	**98.4**	**175,369**	**28,279**	**16.03**	**99.39**	**.6**	**92.1**
Year to Date												
2006	10,791,175	533,763	1.69	34.20	1.0	105.7	200,878	32,099	8.77	54.89	.7	80.1
2007	10,680,353	529,377	1.77	35.64	1.0	102.4	236,761	37,751	8.66	54.34	.7	69.3
2008	10,272,180	515,511	1.98	39.32	1.0	98.4	175,369	28,279	16.03	99.39	.6	92.1
Rolling 12 Months Ending in June												
2007	21,624,279	1,075,557	1.73	34.80	1.0	100.9	442,752	70,655	8.63	54.10	.7	69.0
2008	21,136,328	1,059,131	1.88	37.44	1.0	98.1	373,698	60,052	13.23	82.31	.7	81.8

[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 June 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**	**88.0**	**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	88.8	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**	**90.0**	**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
Total	**80,033**	**2,823**	**1.64**	**46.47**	**5.3**	**86.0**	**3,572,460**	**3,480,915**	**9.95**	**97.6**	**4.17**
Year to Date											
2006	106,272	3,775	1.23	34.49	5.3	86.4	2,976,122	2,896,542	7.27	90.2	2.97
2007	79,029	2,779	1.57	44.63	5.1	75.9	3,232,377	3,145,661	7.50	90.9	3.18
2008	80,033	2,823	1.64	46.47	5.3	86.0	3,572,460	3,480,915	9.95	97.6	4.17
Rolling 12 Months Ending in June											
2007	176,027	6,197	1.50	42.48	5.0	78.3	7,111,935	6,924,365	7.06	90.3	3.12
2008	165,556	5,827	1.57	44.71	5.1	84.4	7,830,139	7,626,465	8.24	92.3	3.71

[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 June 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
Total	**7,464,709**	**370,116**	**1.96**	**39.47**	**.9**	**122,365**	**19,563**	**15.66**	**97.95**	**.7**
Year to Date										
2006	8,023,206	393,434	1.68	34.31	.9	135,826	21,471	8.43	53.33	.8
2007	7,941,902	389,782	1.77	36.12	.9	144,022	22,730	8.55	54.18	.8
2008	7,464,709	370,116	1.96	39.47	.9	122,365	19,563	15.66	97.95	.7
Rolling 12 Months Ending in June										
2007	16,116,549	793,709	1.73	35.15	.9	277,229	43,674	8.39	53.26	.8
2008	15,537,999	769,710	1.87	37.72	.9	257,623	40,886	12.64	79.64	.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 June 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
Total	**37,455**	**1,321**	**1.96**	**55.43**	**5.5**	**1,273,768**	**1,242,298**	**9.90**	**3.28**
Year to Date									
2006	54,724	1,942	1.38	38.77	5.3	961,000	934,840	7.64	2.40
2007	35,695	1,260	1.83	51.86	4.7	1,054,805	1,026,855	7.84	2.58
2008	37,455	1,321	1.96	55.43	5.5	1,273,768	1,242,298	9.90	3.28
Rolling 12 Months Ending in June									
2007	80,442	2,833	1.72	48.86	4.8	2,316,094	2,255,129	7.46	2.54
2008	71,003	2,507	1.85	52.48	4.9	2,735,369	2,665,696	8.44	2.98

[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 June 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
Total	**2,644,654**	**138,037**	**1.99**	**38.15**	**1.1**	**39,077**	**6,487**	**18.03**	**108.59**	**.4**
Year to Date										
2006	2,605,315	132,660	1.70	33.36	1.1	54,141	8,856	9.78	59.77	.5
2007	2,581,784	132,631	1.72	33.51	1.1	73,321	11,823	9.19	56.97	.5
2008	2,644,654	138,037	1.99	38.15	1.1	39,077	6,487	18.03	108.59	.4
Rolling 12 Months Ending in June										
2007	5,180,872	266,828	1.71	33.12	1.1	136,705	22,203	9.35	57.59	.4
2008	5,265,464	274,467	1.87	35.86	1.1	88,835	14,766	15.32	92.14	.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 June 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
Total	**34,230**	**1,207**	**1.11**	**31.51**	**5.1**	**1,819,590**	**1,773,149**	**10.08**	**5.37**
Year to Date									
2006	42,105	1,490	.97	27.50	5.2	1,583,752	1,542,884	6.95	3.73
2007	34,487	1,204	1.21	34.55	5.3	1,728,354	1,682,537	7.34	4.04
2008	34,230	1,207	1.11	31.51	5.1	1,819,590	1,773,149	10.08	5.37
Rolling 12 Months Ending in June									
2007	78,306	2,745	1.18	33.73	5.2	3,887,467	3,786,755	6.85	3.97
2008	75,353	2,642	1.16	33.08	5.3	4,155,566	4,048,354	8.12	4.70

[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 June 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
Total	**5,027**	**215**	**2.75**	**64.15**	**2.4**	**117**	**20**	**19.54**	**113.50**	**.1**
Year to Date										
2006	5,940	253	2.58	60.61	2.6	569	98	13.71	79.89	.2
2007	6,332	270	2.69	62.87	2.5	215	37	13.50	78.78	.2
2008	5,027	215	2.75	64.15	2.4	117	20	19.54	113.50	.1
Rolling 12 Months Ending in June										
2007	12,598	536	2.68	63.05	2.5	444	76	13.23	77.22	.2
2008	11,114	476	2.70	62.99	2.5	152	26	19.06	110.84	.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 June 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
Total	--	--	--	--	--	**11,559**	**11,234**	**10.19**	**8.02**
Year to Date									
2006	--	--	--	--	--	10,558	10,281	8.83	6.82
2007	--	--	--	--	--	11,125	10,844	8.48	6.46
2008	--	--	--	--	--	11,559	11,234	10.19	8.02
Rolling 12 Months Ending in June									
2007	--	--	--	--	--	21,936	21,383	8.16	6.25
2008	--	--	--	--	--	22,362	21,787	8.92	6.91

[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 June 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
Total	**157,790**	**7,143**	**2.40**	**52.94**	**1.4**	**13,810**	**2,208**	**13.59**	**84.98**	**1.3**
Year to Date										
2006	156,714	7,417	2.03	42.85	1.5	10,342	1,674	7.70	47.55	1.4
2007	150,334	6,693	2.19	49.23	1.4	19,202	3,162	7.48	45.43	1.3
2008	157,790	7,143	2.40	52.94	1.4	13,810	2,208	13.59	84.98	1.3
Rolling 12 Months Ending in June										
2007	314,260	14,484	2.11	45.70	1.4	28,374	4,702	7.46	45.03	1.3
2008	321,750	14,477	2.31	51.34	1.3	27,088	4,374	11.95	74.00	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 June 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
Total	**8,348**	**295**	**2.39**	**67.60**	**5.6**	**467,543**	**454,234**	**9.59**	**7.83**
Year to Date									
2006	9,444	343	1.48	40.66	5.5	420,811	408,538	7.56	6.02
2007	8,847	315	1.93	54.22	5.7	438,093	425,425	7.27	5.96
2008	8,348	295	2.39	67.60	5.6	467,543	454,234	9.59	7.83
Rolling 12 Months Ending in June									
2007	17,279	618	1.87	52.15	5.5	886,439	861,098	6.88	5.62
2008	19,200	678	2.16	61.29	5.4	916,841	890,627	8.16	6.69

[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, June 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**783**	**897**	**-12.6**	**148**	**168**	**623**	**718**	**--**	**--**	**13**	**11**
Connecticut	192	224	-14.0	--	--	192	224	--	--	--	--
Maine	25	23	11.0	--	--	12	11	--	--	13	11
Massachusetts	418	483	-13.4	--	--	418	483	--	--	--	--
New Hampshire	148	168	-11.8	148	168	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**6,104**	**5,702**	**7.0**	**8**	**85**	**5,933**	**5,500**	**--**	**--**	**163**	**118**
New Jersey	502	408	23.0	2	40	500	368	--	--	--	--
New York	708	891	-20.5	6	45	642	809	--	--	60	37
Pennsylvania	4,894	4,403	11.1	--	--	4,791	4,322	--	--	103	81
East North Central	**18,206**	**20,910**	**-12.9**	**12,762**	**14,335**	**5,086**	**6,205**	**26**	**20**	**331**	**350**
Illinois	3,810	5,131	-25.7	189	699	3,386	4,185	6	6	229	242
Indiana	4,573	4,980	-8.2	4,209	4,668	365	312	--	--	--	--
Michigan	3,110	3,209	-3.1	3,066	3,167	12	17	20	14	12	12
Ohio	5,101	5,356	-4.8	3,752	3,645	1,321	1,687	--	--	27	25
Wisconsin	1,612	2,233	-27.8	1,546	2,156	2	5	--	--	64	72
West North Central	**11,681**	**12,957**	**-9.8**	**11,556**	**12,777**	**--**	**--**	**15**	**14**	**110**	**166**
Iowa	1,983	2,333	-15.0	1,912	2,233	--	--	--	--	71	100
Kansas	1,614	1,997	-19.2	1,614	1,997	--	--	--	--	--	--
Minnesota	1,244	1,527	-18.6	1,205	1,462	--	--	--	--	39	66
Missouri	3,322	3,841	-13.5	3,307	3,827	--	--	15	14	--	--
Nebraska	1,301	1,018	27.9	1,301	1,018	--	--	--	--	--	--
North Dakota	2,041	2,100	-2.8	2,041	2,100	--	--	--	--	--	--
South Dakota	176	140	25.5	176	140	--	--	--	--	--	--
South Atlantic	**15,075**	**16,441**	**-8.3**	**12,382**	**13,864**	**2,462**	**2,372**	**--**	**--**	**231**	**206**
Delaware	168	197	-14.6	--	--	168	197	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	2,892	3,104	-6.8	2,685	2,890	188	187	--	--	19	27
Georgia	2,973	3,574	-16.8	2,914	3,523	--	--	--	--	59	51
Maryland	964	1,008	-4.5	--	--	927	1,008	--	--	36	--
North Carolina	2,430	2,576	-5.7	2,287	2,419	103	109	--	--	40	48
South Carolina	1,233	1,586	-22.3	1,215	1,557	--	--	--	--	17	29
Virginia	1,052	1,140	-7.7	821	886	213	235	--	--	17	18
West Virginia	3,364	3,257	3.3	2,460	2,589	862	635	--	--	42	33
East South Central	**9,661**	**10,401**	**-7.1**	**8,903**	**9,605**	**624**	**666**	**--**	**--**	**134**	**129**
Alabama	2,695	3,166	-14.9	2,681	3,155	--	--	--	--	15	10
Kentucky	3,330	3,165	5.2	3,046	2,835	283	330	--	--	--	--
Mississippi	1,011	939	7.6	670	603	340	336	--	--	--	--
Tennessee	2,625	3,131	-16.2	2,506	3,012	--	--	--	--	119	119
West South Central	**12,570**	**13,207**	**-4.8**	**6,891**	**7,063**	**5,637**	**6,097**	**--**	**--**	**42**	**47**
Arkansas	1,114	1,429	-22.1	1,114	1,429	--	--	--	--	--	--
Louisiana	1,151	1,455	-20.9	695	716	456	739	--	--	--	--
Oklahoma	1,803	1,773	1.7	1,665	1,600	97	126	--	--	42	47
Texas	8,502	8,550	-.6	3,418	3,318	5,084	5,232	--	--	--	--
Mountain	**9,809**	**9,497**	**3.3**	**8,998**	**8,948**	**731**	**447**	**--**	**--**	**80**	**101**
Arizona	1,850	1,813	2.0	1,813	1,782	--	--	--	--	37	31
Colorado	1,553	1,618	-4.0	1,553	1,618	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	626	805	-22.2	26	440	600	364	--	--	--	--
Nevada	346	248	39.6	346	248	--	--	--	--	--	--
New Mexico	1,401	1,224	14.5	1,401	1,224	--	--	--	--	--	--
Utah	1,726	1,653	4.4	1,640	1,545	42	38	--	--	44	70
Wyoming	2,307	2,136	8.0	2,217	2,091	89	45	--	--	--	--
Pacific Contiguous	**528**	**620**	**-14.8**	**252**	**167**	**218**	**396**	**--**	**--**	**58**	**57**
California	97	79	22.9	--	--	43	24	--	--	54	55
Oregon	252	167	50.6	252	167	--	--	--	--	--	--
Washington	179	374	-52.0	--	--	175	372	--	--	5	2
Pacific Noncontiguous	**58**	**121**	**-51.9**	**--**	**--**	**58**	**121**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	58	121	-51.9	--	--	58	121	--	--	--	--
U.S. Total	**84,475**	**90,830**	**-7.0**	**61,901**	**67,091**	**21,371**	**22,520**	**41**	**34**	**1,162**	**1,185**

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 June 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	**4,072**	**4,357**	**-6.6**	**760**	**753**	**3,242**	**3,534**	**--**	**--**	**69**	**71**
Connecticut	1,001	1,068	-6.3	--	--	1,001	1,068	--	--	--	--
Maine	154	141	9.1	--	--	84	70	--	--	69	71
Massachusetts	2,157	2,429	-11.2	--	33	2,157	2,395	--	--	--	--
New Hampshire	760	720	5.6	760	720	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**38,700**	**34,279**	**12.9**	**199**	**536**	**37,682**	**32,892**	**--**	**--**	**819**	**851**
New Jersey	2,246	2,094	7.3	112	295	2,134	1,799	--	--	--	--
New York	4,366	5,094	-14.3	86	241	4,034	4,589	--	--	246	264
Pennsylvania	32,088	27,091	18.4	--	--	31,514	26,503	--	--	574	588
East North Central	**112,628**	**119,130**	**-5.5**	**75,066**	**80,806**	**35,491**	**36,149**	**126**	**183**	**1,945**	**1,992**
Illinois	27,307	27,419	-.4	791	2,689	25,048	23,240	36	49	1,432	1,440
Indiana	27,999	30,532	-8.3	25,892	28,363	2,107	2,169	--	--	--	--
Michigan	16,743	18,372	-8.9	16,523	18,101	54	51	91	134	76	86
Ohio	28,809	31,889	-9.7	20,376	21,056	8,270	10,677	--	--	163	155
Wisconsin	11,770	10,918	7.8	11,484	10,597	12	11	--	--	274	311
West North Central	**74,548**	**72,659**	**2.6**	**73,675**	**71,814**	**--**	**--**	**89**	**87**	**784**	**758**
Iowa	13,209	10,081	31.0	12,668	9,515	--	--	--	--	541	566
Kansas	10,968	12,060	-9.1	10,968	12,060	--	--	--	--	--	--
Minnesota	8,366	9,653	-13.3	8,123	9,461	--	--	--	--	243	192
Missouri	21,510	22,298	-3.5	21,421	22,210	--	--	89	87	--	--
Nebraska	7,072	5,612	26.0	7,072	5,612	--	--	--	--	--	--
North Dakota	12,129	12,122	.1	12,129	12,122	--	--	--	--	--	--
South Dakota	1,294	833	55.3	1,294	833	--	--	--	--	--	--
South Atlantic	**90,862**	**98,332**	**-7.6**	**75,007**	**82,379**	**14,350**	**14,710**	**--**	**--**	**1,505**	**1,243**
Delaware	1,122	1,244	-9.8	--	--	1,122	1,244	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	15,844	18,179	-12.8	14,644	16,828	1,082	1,232	--	--	118	118
Georgia	19,606	20,959	-6.5	19,174	20,584	--	--	--	--	432	375
Maryland	5,638	5,787	-2.6	--	--	5,424	5,787	--	--	214	--
North Carolina	15,039	16,559	-9.2	14,113	15,620	645	646	--	--	281	293
South Carolina	7,901	9,197	-14.1	7,749	9,010	--	--	--	--	152	187
Virginia	6,999	7,138	-2.0	5,634	5,679	1,258	1,366	--	--	107	93
West Virginia	18,713	19,270	-2.9	13,693	14,659	4,819	4,435	--	--	201	176
East South Central	**56,686**	**63,066**	**-10.1**	**52,294**	**58,511**	**3,513**	**3,713**	**--**	**--**	**879**	**841**
Alabama	17,531	18,834	-6.9	17,442	18,751	--	--	--	--	89	83
Kentucky	19,859	20,141	-1.4	18,002	18,157	1,856	1,984	--	--	--	--
Mississippi	4,931	5,271	-6.4	3,275	3,542	1,656	1,729	--	--	--	--
Tennessee	14,364	18,819	-23.7	13,574	18,061	--	--	--	--	790	758
West South Central	**76,426**	**76,487**	**-.1**	**42,039**	**39,901**	**34,126**	**36,319**	**--**	**--**	**260**	**267**
Arkansas	7,539	7,624	-1.1	7,539	7,624	--	--	--	--	--	--
Louisiana	8,151	7,912	3.0	4,310	3,561	3,842	4,352	--	--	--	--
Oklahoma	12,189	11,015	10.7	11,251	10,029	678	719	--	--	260	267
Texas	48,546	49,936	-2.8	18,940	18,688	29,606	31,248	--	--	--	--
Mountain	**56,520**	**56,959**	**-.8**	**49,847**	**53,953**	**6,212**	**2,580**	**--**	**--**	**461**	**426**
Arizona	10,492	10,906	-3.8	10,281	10,701	--	--	--	--	211	205
Colorado	9,277	9,898	-6.3	9,277	9,898	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	5,685	5,405	5.2	165	3,273	5,519	2,132	--	--	--	--
Nevada	1,563	1,506	3.8	1,563	1,506	--	--	--	--	--	--
New Mexico	7,016	7,472	-6.1	7,016	7,472	--	--	--	--	--	--
Utah	9,306	9,095	2.3	8,814	8,681	241	193	--	--	251	221
Wyoming	13,181	12,677	4.0	12,730	12,423	451	255	--	--	--	--
Pacific Contiguous	**4,954**	**3,451**	**43.5**	**1,230**	**827**	**3,305**	**2,381**	**--**	**--**	**419**	**244**
California	748	502	49.0	--	--	395	303	--	--	353	199
Oregon	1,230	827	48.8	1,230	827	--	--	--	--	--	--
Washington	2,976	2,123	40.2	--	--	2,910	2,078	--	--	66	45
Pacific Noncontiguous	**116**	**354**	**-67.3**	**--**	**--**	**116**	**354**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	116	354	-67.3	--	--	116	354	--	--	--	--
U.S. Total	**515,511**	**529,377**	**-2.6**	**370,116**	**389,782**	**138,037**	**132,631**	**215**	**270**	**7,143**	**6,693**

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, June 2008 and 2007
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**762**	**576**	**32.4**	**1**	**2**	**666**	**500**	**3**	**11**	**93**	**62**
Connecticut	101	84	21.2	--	--	101	84	--	--	--	--
Maine	69	59	17.1	--	--	1	*	--	--	68	59
Massachusetts	591	431	37.0	--	*	563	417	3	11	25	3
New Hampshire	1	2	-47.6	1	2	--	--	--	--	--	--
Rhode Island	*	--	--	--	--	*	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**864**	**1,047**	**-17.5**	**531**	**523**	**330**	**520**	**--**	**--**	**2**	**3**
New Jersey	184	50	269.8	121	7	63	43	--	--	--	--
New York	598	864	-30.8	410	516	189	349	--	--	--	--
Pennsylvania	81	133	-38.7	--	--	79	129	--	--	2	3
East North Central	**231**	**179**	**29.3**	**202**	**146**	**23**	**21**	*****	*****	**6**	**11**
Illinois	18	13	34.1	2	1	16	12	*	*	--	--
Indiana	41	28	46.5	38	23	--	--	--	--	3	4
Michigan	115	63	82.5	112	57	--	--	--	--	3	6
Ohio	34	67	-49.6	28	58	6	9	--	--	--	*
Wisconsin	24	8	215.4	22	7	1	*	--	--	*	*
West North Central	**83**	**69**	**19.9**	**83**	**69**	**--**	**--**	**--**	**--**	*****	**1**
Iowa	38	30	24.3	38	30	--	--	--	--	--	--
Kansas	15	2	654.4	15	2	--	--	--	--	--	--
Minnesota	6	17	-66.5	6	16	--	--	--	--	*	1
Missouri	14	7	116.1	14	7	--	--	--	--	--	--
Nebraska	1	3	-77.5	1	3	--	--	--	--	--	--
North Dakota	9	10	-7.2	9	10	--	--	--	--	--	--
South Dakota	*	--	--	*	--	--	--	--	--	--	--
South Atlantic	**3,481**	**4,067**	**-14.4**	**3,017**	**3,575**	**304**	**280**	**--**	**1**	**161**	**212**
Delaware	41	47	-12.5	--	1	38	29	--	--	4	17
District of Columbia	115	32	255.9	--	--	115	32	--	--	--	--
Florida	2,737	3,204	-14.6	2,692	3,111	7	72	--	--	38	21
Georgia	141	57	149.4	103	6	*	--	--	--	38	50
Maryland	141	111	27.3	--	--	141	111	--	--	--	--
North Carolina	61	78	-22.0	19	23	*	*	--	--	41	55
South Carolina	37	35	5.5	16	14	--	--	--	--	21	20
Virginia	181	445	-59.5	160	388	2	35	--	1	18	22
West Virginia	27	58	-53.2	26	31	1	*	--	--	--	26
East South Central	**75**	**137**	**-45.1**	**64**	**116**	**1**	**8**	**--**	**--**	**10**	**13**
Alabama	25	24	3.6	16	18	--	--	--	--	9	6
Kentucky	28	36	-23.3	26	29	1	8	--	--	--	--
Mississippi	22	65	-66.4	21	58	--	--	--	--	1	8
Tennessee	1	12	-91.5	1	12	--	--	--	--	--	--
West South Central	**109**	**192**	**-43.2**	**42**	**166**	**22**	**15**	**--**	**--**	**45**	**11**
Arkansas	9	11	-15.6	9	11	--	--	--	--	--	--
Louisiana	26	14	89.1	25	11	1	2	--	--	--	--
Oklahoma	45	13	240.4	--	2	--	--	--	--	45	11
Texas	29	154	-81.4	8	141	21	13	--	--	--	--
Mountain	**45**	**40**	**11.1**	**33**	**37**	**11**	**3**	**--**	**--**	*****	**--**
Arizona	13	5	191.1	13	5	--	--	--	--	*	--
Colorado	4	7	-44.8	4	7	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	6	4	43.0	*	3	6	2	--	--	--	--
Nevada	2	4	-36.5	2	4	--	--	--	--	--	--
New Mexico	4	6	-37.4	4	5	*	1	--	--	--	--
Utah	12	11	18.6	7	11	5	--	--	--	--	--
Wyoming	3	4	-32.6	3	4	--	--	--	--	--	--
Pacific Contiguous	**18**	**103**	**-82.6**	*****	**17**	**5**	**8**	**--**	**--**	**12**	**78**
California	3	91	-96.9	--	15	3	8	--	--	*	68
Oregon	--	2	-100.0	--	2	--	--	--	--	--	--
Washington	15	9	58.3	*	*	3	--	--	--	12	9
Pacific Noncontiguous	**1,444**	**258**	**459.1**	**1,232**	**--**	**211**	**258**	*****	**--**	**--**	**--**
Alaska	46	--	--	46	--	--	--	--	--	--	--
Hawaii	1,398	258	441.2	1,186	--	211	258	*	--	--	--
U.S. Total	**7,112**	**6,778**	**4.9**	**5,204**	**4,762**	**1,576**	**1,613**	**3**	**12**	**330**	**391**

* = 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. • 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 June 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	**2,792**	**5,186**	**-46.2**	**19**	**269**	**2,156**	**4,227**	**14**	**32**	**603**	**658**
Connecticut	496	1,113	-55.4	2	--	494	1,113	--	--	--	--
Maine	502	784	-36.0	--	--	6	271	--	--	495	513
Massachusetts	1,770	3,045	-41.9	4	26	1,644	2,843	14	32	108	145
New Hampshire	23	243	-90.7	13	243	10	--	--	--	--	--
Rhode Island	1	--	--	--	--	1	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**3,431**	**10,202**	**-66.4**	**1,694**	**5,824**	**1,719**	**4,338**	**--**	**--**	**18**	**39**
New Jersey	369	394	-6.2	139	291	231	102	--	--	--	--
New York	2,496	8,863	-71.8	1,555	5,533	934	3,323	--	--	7	8
Pennsylvania	566	945	-40.1	--	--	555	913	--	--	11	32
East North Central	**1,068**	**979**	**9.1**	**808**	**673**	**179**	**165**	*****	*****	**81**	**141**
Illinois	148	139	6.5	6	22	142	117	*	*	--	--
Indiana	200	180	11.1	173	144	--	--	--	--	27	36
Michigan	375	345	8.8	330	249	*	--	--	--	45	96
Ohio	246	260	-5.2	203	206	35	46	--	--	8	8
Wisconsin	99	55	78.1	96	53	2	1	--	--	1	2
West North Central	**421**	**355**	**18.7**	**404**	**320**	**14**	**33**	**--**	**--**	**4**	**2**
Iowa	101	78	29.4	101	78	--	--	--	--	--	--
Kansas	51	34	50.2	51	34	--	--	--	--	--	--
Minnesota	86	125	-31.7	68	90	14	33	--	--	4	2
Missouri	75	42	79.1	75	42	--	--	--	--	--	--
Nebraska	19	32	-40.7	19	32	--	--	--	--	--	--
North Dakota	53	40	31.7	53	40	--	--	--	--	--	--
South Dakota	37	4	929.8	37	4	--	--	--	--	--	--
South Atlantic	**12,125**	**16,710**	**-27.4**	**10,167**	**13,713**	**870**	**1,428**	**5**	**5**	**1,084**	**1,563**
Delaware	177	141	24.9	--	43	164	46	--	--	13	52
District of Columbia	127	43	196.1	--	--	127	43	--	--	--	--
Florida	9,226	11,852	-22.2	8,865	11,466	170	176	--	--	191	210
Georgia	625	399	56.8	325	56	34	--	--	--	266	343
Maryland	263	778	-66.2	--	--	258	778	--	--	5	--
North Carolina	597	739	-19.2	232	243	2	2	--	--	362	494
South Carolina	278	257	8.1	153	136	--	--	--	--	126	121
Virginia	708	2,108	-66.4	471	1,594	111	381	5	5	121	128
West Virginia	124	392	-68.4	121	175	3	3	--	--	--	214
East South Central	**397**	**1,150**	**-65.5**	**264**	**948**	**38**	**36**	**--**	**--**	**94**	**166**
Alabama	168	200	-16.2	54	70	26	--	--	--	87	130
Kentucky	119	203	-41.3	107	167	12	36	--	--	--	--
Mississippi	35	672	-94.8	28	636	--	--	--	--	7	36
Tennessee	75	75	-.3	75	75	--	--	--	--	--	--
West South Central	**477**	**826**	**-42.2**	**178**	**520**	**76**	**142**	**--**	**--**	**223**	**163**
Arkansas	45	49	-8.4	45	49	--	--	--	--	--	--
Louisiana	123	235	-47.7	112	222	11	13	--	--	--	--
Oklahoma	224	185	20.8	*	22	--	--	--	--	223	163
Texas	85	356	-76.1	20	228	65	129	--	--	--	--
Mountain	**466**	**299**	**55.9**	**399**	**275**	**66**	**24**	**--**	**--**	**1**	**--**
Arizona	245	59	313.1	243	59	--	--	--	--	1	--
Colorado	23	57	-59.1	23	46	*	11	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	27	23	13.5	1	13	26	11	--	--	--	--
Nevada	2	39	-94.3	2	39	--	--	--	--	--	--
New Mexico	61	31	97.8	60	28	1	3	--	--	--	--
Utah	60	40	50.0	22	40	38	--	--	--	--	--
Wyoming	49	50	-1.8	49	50	--	--	--	--	--	--
Pacific Contiguous	**181**	**596**	**-69.6**	**25**	**77**	**57**	**90**	**--**	**--**	**99**	**429**
California	97	467	-79.2	22	46	47	90	--	--	27	331
Oregon	--	9	-100.0	--	9	--	--	--	--	--	--
Washington	84	120	-29.7	3	22	9	*	--	--	72	98
Pacific Noncontiguous	**6,921**	**1,339**	**416.7**	**5,606**	**--**	**1,314**	**1,339**	**1**	**--**	**--**	**--**
Alaska	465	--	--	465	--	--	--	--	--	--	--
Hawaii	6,456	1,339	382.0	5,141	--	1,314	1,339	1	--	--	--
U.S. Total	**28,279**	**37,751**	**-25.1**	**19,563**	**22,730**	**6,487**	**11,823**	**20**	**37**	**2,208**	**3,162**

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

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, June 2008 and 2007
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	--	--	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**21**	**19**	**12.0**	--	--	**10**	**7**	--	--	**11**	**12**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	8	7	13.3	--	--	8	7	--	--	--	--
Pennsylvania	13	12	11.3	--	--	2	--	--	--	11	12
East North Central	**78**	**37**	**109.9**	**32**	**21**	**34**	**4**	--	--	**13**	**12**
Illinois	1	--	--	1	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	2	4	-54.9	--	1	2	4	--	--	--	--
Ohio	32	--	--	--	--	32	--	--	--	--	--
Wisconsin	43	33	32.1	31	20	--	--	--	--	13	12
West North Central	**7**	**16**	**-56.1**	**7**	**16**	--	--	--	--	--	--
Iowa	1	4	-80.8	1	4	--	--	--	--	--	--
Kansas	4	6	-40.6	4	6	--	--	--	--	--	--
Minnesota	3	6	-56.0	3	6	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**139**	**126**	**10.2**	**97**	**106**	--	--	--	--	**41**	**20**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	97	106	-7.8	97	106	--	--	--	--	--	--
Georgia	41	20	103.9	--	--	--	--	--	--	41	20
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**114**	**84**	**36.2**	--	--	**114**	**84**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	114	84	36.2	--	--	114	84	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**110**	**125**	**-12.3**	**61**	--	**48**	**107**	--	--	--	**18**
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	61	81	-23.7	61	--	--	64	--	--	--	17
Oklahoma	--	1	--	--	--	--	--	--	--	--	1
Texas	48	44	10.5	--	--	48	44	--	--	--	--
Mountain	**23**	**10**	**129.2**	--	--	**23**	**10**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	23	10	129.2	--	--	23	10	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**7**	**15**	**-52.2**	--	--	**7**	**15**	--	--	--	--
California	7	15	-52.2	--	--	7	15	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**499**	**432**	**15.5**	**197**	**143**	**236**	**227**	--	--	**65**	**62**

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 June 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	**103**	**80**	**28.2**	--	--	**40**	**15**	--	--	**62**	**65**
New Jersey	--	--	--	--	--	--	--	--	--	--	--
New York	28	15	89.6	--	--	28	15	--	--	--	--
Pennsylvania	75	65	14.2	--	--	12	--	--	--	62	65
East North Central	**308**	**223**	**37.9**	**128**	**126**	**106**	**16**	--	--	**74**	**81**
Illinois	2	--	--	2	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	9	21	-56.3	--	5	9	16	--	--	--	--
Ohio	97	--	--	--	--	97	--	--	--	--	--
Wisconsin	200	202	-1.2	126	121	--	--	--	--	74	81
West North Central	**75**	**116**	**-35.4**	**75**	**116**	--	--	--	--	--	--
Iowa	24	38	-38.2	24	38	--	--	--	--	--	--
Kansas	28	40	-30.8	28	40	--	--	--	--	--	--
Minnesota	24	38	-36.7	24	38	--	--	--	--	--	--
Missouri	--	*	--	--	*	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**919**	**1,164**	**-21.1**	**760**	**1,017**	--	--	--	--	**159**	**147**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	760	1,016	-25.2	760	1,016	--	--	--	--	--	--
Georgia	159	147	8.4	--	--	--	--	--	--	159	147
Maryland	--	--	--	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	1	-100.0	--	1	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**596**	**538**	**10.8**	--	--	**596**	**538**	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	596	538	10.8	--	--	596	538	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	**626**	**544**	**15.1**	**357**	--	**269**	**522**	--	--	--	**22**
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	357	355	.7	357	--	--	338	--	--	--	17
Oklahoma	--	5	--	--	--	--	--	--	--	--	5
Texas	269	184	46.2	--	--	269	184	--	--	--	--
Mountain	**146**	**46**	**217.1**	--	--	**146**	**46**	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	146	46	217.1	--	--	146	46	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**51**	**68**	**-25.5**	--	--	**51**	**68**	--	--	--	--
California	51	68	-25.5	--	--	51	68	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**2,823**	**2,779**	**1.6**	**1,321**	**1,260**	**1,207**	**1,204**	--	--	**295**	**315**

* = 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, June 2008 and 2007
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**32,413**	**35,083**	**-7.6**	**332**	**235**	**30,521**	**32,597**	**293**	**305**	**1,267**	**1,946**
Connecticut	4,829	5,685	-15.1	4	--	4,825	5,685	--	--	--	--
Maine	3,587	4,439	-19.2	--	--	2,448	2,624	--	--	1,139	1,814
Massachusetts	15,521	16,046	-3.3	325	219	14,776	15,391	293	305	127	132
New Hampshire	3,306	3,259	1.4	*	13	3,306	3,246	--	--	--	--
Rhode Island	5,167	5,652	-8.6	--	--	5,167	5,652	--	--	--	--
Vermont	3	3	-9.8	3	3	--	--	--	--	--	--
Middle Atlantic	**81,708**	**70,171**	**16.4**	**14,253**	**14,317**	**65,269**	**53,767**	**153**	**177**	**2,033**	**1,910**
New Jersey	20,180	15,351	31.5	31	--	19,366	14,743	--	--	783	608
New York	44,417	40,312	10.2	14,222	14,317	29,964	25,747	153	177	79	71
Pennsylvania	17,111	14,508	17.9	--	--	15,940	13,277	--	--	1,171	1,230
East North Central	**25,041**	**26,655**	**-6.1**	**6,239**	**6,248**	**17,135**	**18,826**	**313**	**411**	**1,354**	**1,170**
Illinois	4,728	5,368	-11.9	504	--	3,305	4,903	284	394	635	71
Indiana	4,581	4,066	12.7	1,171	2,485	2,832	684	--	--	577	897
Michigan	9,745	10,591	-8.0	1,660	1,299	7,992	9,199	29	17	64	75
Ohio	2,972	2,595	14.5	873	769	2,097	1,823	--	--	1	3
Wisconsin	3,015	4,036	-25.3	2,030	1,695	908	2,218	--	--	76	124
West North Central	**9,359**	**7,256**	**29.0**	**7,727**	**5,283**	**1,502**	**1,768**	**5**	**30**	**125**	**176**
Iowa	1,559	257	507.4	1,552	257	--	--	--	--	7	--
Kansas	2,129	2,305	-7.6	2,129	2,305	--	--	--	--	--	--
Minnesota	1,519	1,579	-3.8	762	489	639	915	--	--	118	176
Missouri	3,331	3,027	10.0	2,463	2,145	863	853	5	30	--	--
Nebraska	652	81	700.3	652	81	--	--	--	--	--	--
North Dakota	*	7	-97.4	*	7	--	--	--	--	--	--
South Dakota	169	--	--	169	--	--	--	--	--	--	--
South Atlantic	**126,407**	**104,254**	**21.2**	**95,504**	**78,174**	**29,870**	**24,406**	**--**	**--**	**1,033**	**1,674**
Delaware	1,921	2,100	-8.5	--	7	1,864	1,327	--	--	57	766
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	80,486	74,331	8.3	70,389	65,591	9,807	8,317	--	--	290	423
Georgia	13,642	11,983	13.8	6,088	5,025	7,228	6,630	--	--	326	328
Maryland	2,281	1,645	38.6	--	--	2,186	1,645	--	--	95	--
North Carolina	7,683	2,998	156.3	6,444	2,010	1,178	964	--	--	61	24
South Carolina	8,364	3,714	125.2	5,619	2,049	2,738	1,649	--	--	7	16
Virginia	11,794	7,231	63.1	6,754	3,482	4,843	3,708	--	--	197	40
West Virginia	237	252	-6.3	210	10	26	166	--	--	--	77
East South Central	**44,836**	**32,581**	**37.6**	**21,727**	**14,484**	**22,020**	**17,415**	**--**	**--**	**1,089**	**682**
Alabama	19,750	16,918	16.7	6,239	6,227	12,666	10,129	--	--	844	561
Kentucky	1,953	135	NM	1,539	35	414	100	--	--	--	--
Mississippi	22,330	15,523	43.8	13,229	8,222	8,940	7,186	--	--	162	116
Tennessee	804	5	NM	721	--	--	--	--	--	83	5
West South Central	**296,467**	**245,093**	**21.0**	**74,445**	**61,163**	**149,952**	**130,073**	**356**	**359**	**71,714**	**53,499**
Arkansas	9,035	8,583	5.3	2,195	919	6,840	7,664	--	--	--	--
Louisiana	46,235	43,078	7.3	16,220	15,055	7,938	7,234	--	--	22,077	20,789
Oklahoma	30,641	25,063	22.3	18,988	14,217	10,821	10,261	--	--	832	585
Texas	210,556	168,369	25.1	37,042	30,972	124,354	104,913	356	359	48,804	32,126
Mountain	**58,947**	**62,879**	**-6.3**	**31,600**	**29,740**	**26,747**	**32,804**	**--**	**--**	**600**	**335**
Arizona	27,711	28,718	-3.5	11,384	11,148	16,325	17,570	--	--	1	--
Colorado	7,444	10,853	-31.4	3,116	3,327	4,327	7,526	--	--	--	--
Idaho	49	460	-89.3	49	--	--	460	--	--	--	--
Montana	55	15	270.9	13	*	42	15	--	--	--	--
Nevada	14,475	15,258	-5.1	9,041	9,144	5,165	6,114	--	--	268	--
New Mexico	5,456	3,352	62.8	4,862	2,767	592	586	--	--	2	--
Utah	3,388	3,881	-12.7	3,096	3,340	291	535	--	--	2	6
Wyoming	369	343	7.5	39	14	4	--	--	--	326	329
Pacific Contiguous	**68,883**	**75,186**	**-8.4**	**17,149**	**16,111**	**42,130**	**50,046**	**328**	**365**	**9,276**	**8,664**
California	66,258	65,649	.9	16,953	13,539	40,173	43,670	328	365	8,803	8,075
Oregon	1,640	7,474	-78.1	77	2,196	1,263	4,922	--	--	300	355
Washington	984	2,063	-52.3	119	376	693	1,454	--	--	173	234
Pacific Noncontiguous	**2,767**	**2,726**	**1.5**	**2,767**	**2,726**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	2,767	2,726	1.5	2,767	2,726	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**746,828**	**661,885**	**12.8**	**271,743**	**228,481**	**385,146**	**361,702**	**1,448**	**1,646**	**88,490**	**70,056**

* = 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 June 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	**170,231**	**186,945**	**-8.9**	**727**	**625**	**159,396**	**175,831**	**2,064**	**2,182**	**8,044**	**8,307**
Connecticut	28,642	34,383	-16.7	23	--	28,619	34,383	--	--	--	--
Maine	22,877	23,760	-3.7	--	--	15,439	15,743	--	--	7,439	8,017
Massachusetts	69,958	79,710	-12.2	684	582	66,605	76,656	2,064	2,182	605	290
New Hampshire	23,551	15,784	49.2	8	32	23,543	15,752	--	--	--	--
Rhode Island	25,192	33,298	-24.3	--	--	25,192	33,298	--	--	--	--
Vermont	11	11	3.8	11	11	--	--	--	--	--	--
Middle Atlantic	**332,546**	**304,580**	**9.2**	**67,670**	**58,392**	**253,124**	**231,381**	**1,564**	**1,558**	**10,188**	**13,250**
New Jersey	86,420	64,111	34.8	147	--	82,550	59,846	--	--	3,724	4,265
New York	187,572	181,553	3.3	67,523	58,392	117,951	120,921	1,564	1,558	534	682
Pennsylvania	58,554	58,916	-.6	--	--	52,623	50,613	--	--	5,930	8,303
East North Central	**114,870**	**131,682**	**-12.8**	**23,793**	**27,669**	**80,017**	**91,726**	**2,816**	**2,433**	**8,244**	**9,855**
Illinois	18,650	24,676	-24.4	1,688	84	11,474	21,029	2,508	2,263	2,981	1,300
Indiana	20,110	19,621	2.5	4,217	9,341	11,914	3,151	--	--	3,979	7,129
Michigan	46,569	54,141	-14.0	4,900	4,338	40,787	49,026	308	170	574	607
Ohio	7,956	10,382	-23.4	2,215	3,658	5,673	6,633	--	--	69	91
Wisconsin	21,586	22,861	-5.6	10,774	10,247	10,170	11,886	--	--	641	728
West North Central	**46,620**	**26,327**	**77.1**	**37,592**	**17,778**	**7,991**	**7,480**	**27**	**43**	**1,009**	**1,025**
Iowa	8,277	1,133	630.7	8,255	1,133	--	--	--	--	21	--
Kansas	9,570	6,422	49.0	9,570	6,422	--	--	--	--	--	--
Minnesota	10,642	9,840	8.2	5,225	2,885	4,429	5,929	--	--	988	1,025
Missouri	15,743	8,452	86.3	12,153	6,858	3,563	1,551	27	43	--	--
Nebraska	1,990	473	320.7	1,990	473	--	--	--	--	--	--
North Dakota	1	7	-88.3	1	7	--	--	--	--	--	--
South Dakota	398	--	--	398	--	--	--	--	--	--	--
South Atlantic	**502,660**	**440,946**	**14.0**	**405,156**	**345,840**	**89,385**	**83,967**	**--**	**--**	**8,119**	**11,139**
Delaware	4,701	8,220	-42.8	--	20	3,967	4,320	--	--	735	3,879
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	387,313	331,853	16.7	339,459	291,160	45,311	37,435	--	--	2,543	3,258
Georgia	40,441	43,543	-7.1	21,300	23,461	16,284	17,721	--	--	2,857	2,361
Maryland	5,835	5,197	12.3	--	--	5,183	5,197	--	--	651	--
North Carolina	13,366	5,862	128.0	11,437	4,554	1,472	1,172	--	--	458	136
South Carolina	21,943	15,105	45.3	17,237	11,314	4,621	3,701	--	--	86	90
Virginia	27,945	29,293	-4.6	15,329	15,291	11,827	13,364	--	--	790	638
West Virginia	1,115	1,872	-40.5	395	40	720	1,055	--	--	--	777
East South Central	**165,009**	**146,794**	**12.4**	**86,532**	**68,019**	**71,894**	**74,235**	**--**	**--**	**6,584**	**4,540**
Alabama	74,191	77,044	-3.7	32,683	32,710	35,903	40,681	--	--	5,606	3,653
Kentucky	5,861	2,482	136.2	4,968	2,169	893	313	--	--	--	--
Mississippi	82,986	67,198	23.5	47,158	33,140	35,016	33,241	--	--	812	817
Tennessee	1,971	71	NM	1,723	--	82	--	--	--	166	71
West South Central	**1,329,067**	**1,233,713**	**7.7**	**320,118**	**283,702**	**655,153**	**626,614**	**2,611**	**2,356**	**351,186**	**321,042**
Arkansas	31,947	23,582	35.5	6,183	1,880	25,764	21,702	--	--	--	--
Louisiana	230,217	219,646	4.8	74,629	61,898	32,574	34,519	--	--	123,013	123,229
Oklahoma	132,939	123,844	7.3	88,316	73,583	40,951	45,973	--	--	3,673	4,288
Texas	933,964	866,640	7.8	150,990	146,341	555,865	524,420	2,611	2,356	224,499	193,524
Mountain	**304,924**	**270,400**	**12.8**	**160,178**	**130,330**	**140,825**	**137,614**	**--**	**--**	**3,922**	**2,456**
Arizona	119,621	106,986	11.8	47,880	44,301	71,733	62,685	--	--	8	--
Colorado	45,873	49,710	-7.7	18,040	13,685	27,833	36,025	--	--	--	--
Idaho	5,173	2,486	108.1	582	--	4,591	2,486	--	--	--	--
Montana	261	95	176.2	61	4	201	90	--	--	--	--
Nevada	79,641	78,317	1.7	46,554	47,499	31,619	30,817	--	--	1,468	--
New Mexico	27,470	13,475	103.9	24,217	10,632	3,240	2,839	--	--	13	4
Utah	24,270	16,811	44.4	22,648	14,116	1,591	2,662	--	--	31	32
Wyoming	2,614	2,521	3.7	195	92	18	10	--	--	2,402	2,420
Pacific Contiguous	**496,156**	**387,075**	**28.2**	**121,701**	**77,303**	**315,363**	**253,690**	**2,152**	**2,273**	**56,940**	**53,810**
California	405,451	336,513	20.5	97,036	67,650	255,268	217,953	2,152	2,273	50,995	48,637
Oregon	57,840	37,907	52.6	18,091	8,289	35,189	25,880	--	--	4,560	3,739
Washington	32,865	12,655	159.7	6,575	1,364	24,906	9,857	--	--	1,385	1,434
Pacific Noncontiguous	**18,832**	**17,198**	**9.5**	**18,832**	**17,198**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	18,832	17,198	9.5	18,832	17,198	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U.S. Total	**3,480,915**	**3,145,661**	**10.7**	**1,242,298**	**1,026,855**	**1,773,149**	**1,682,537**	**11,234**	**10,844**	**454,234**	**425,425**

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. • 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, June 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**2.98**	**2.81**	**5.9**	**3.47**	**2.73**	**2.84**	**2.83**
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	2.61	2.81	-7.1	--	--	2.61	2.81
New Hampshire	3.47	2.73	27.1	3.47	2.73	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**2.20**	**1.94**	**13.8**	**1.92**	**2.51**	**2.20**	**1.93**
New Jersey	3.22	3.38	-4.7	1.99	2.93	3.22	3.43
New York	2.30	2.35	-2.1	1.90	2.19	2.30	2.36
Pennsylvania	2.08	1.72	20.9	--	--	2.08	1.72
East North Central	**1.93**	**1.58**	**22.1**	**1.95**	**1.62**	**1.87**	**1.48**
Illinois	1.71	1.33	28.6	2.07	1.49	1.69	1.30
Indiana	1.91	W	W	1.91	1.58	2.02	W
Michigan	1.96	W	W	1.96	1.70	2.54	W
Ohio	2.04	1.67	22.2	1.99	1.63	2.21	1.78
Wisconsin	1.96	W	W	1.96	1.59	1.83	W
West North Central	**1.39**	**1.19**	**16.6**	**1.39**	**1.19**	**--**	**--**
Iowa	1.18	1.02	15.7	1.18	1.02	--	--
Kansas	1.39	1.20	15.8	1.39	1.20	--	--
Minnesota	1.63	1.51	7.9	1.63	1.51	--	--
Missouri	1.68	1.32	27.3	1.68	1.32	--	--
Nebraska	.91	.87	4.6	.91	.87	--	--
North Dakota	1.15	.96	19.8	1.15	.96	--	--
South Dakota	1.86	1.61	15.5	1.86	1.61	--	--
South Atlantic	**2.91**	**2.36**	**23.0**	**2.88**	**2.40**	**3.03**	**2.12**
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	3.02	2.51	20.3	3.00	2.49	3.28	2.77
Georgia	3.16	2.59	22.0	3.16	2.59	--	--
Maryland	4.17	2.16	93.1	--	--	4.17	2.16
North Carolina	3.09	W	W	3.12	2.73	2.42	W
South Carolina	2.56	2.31	10.8	2.56	2.31	--	--
Virginia	2.60	2.46	5.7	2.58	2.37	2.69	2.79
West Virginia	2.30	1.73	32.9	2.50	1.83	1.72	1.28
East South Central	**2.27**	**1.96**	**15.8**	**2.30**	**1.98**	**1.68**	**1.60**
Alabama	2.56	2.09	22.5	2.56	2.09	--	--
Kentucky	2.06	W	W	2.10	1.77	1.62	W
Mississippi	2.81	W	W	3.05	2.90	1.79	W
Tennessee	2.08	1.87	11.2	2.08	1.87	--	--
West South Central	**1.66**	**1.48**	**11.8**	**1.81**	**1.52**	**1.46**	**1.43**
Arkansas	1.73	1.53	13.1	1.73	1.53	--	--
Louisiana	2.36	W	W	2.68	1.94	1.90	W
Oklahoma	1.35	W	W	1.35	1.15	1.47	W
Texas	1.62	W	W	1.91	1.62	1.41	W
Mountain	**1.56**	**1.38**	**13.2**	**1.58**	**1.40**	**1.25**	**.86**
Arizona	1.71	1.62	5.6	1.71	1.62	--	--
Colorado	1.45	1.27	14.2	1.45	1.27	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	2.04	1.00	W	W
Nevada	2.19	1.86	17.7	2.19	1.86	--	--
New Mexico	2.11	1.96	7.7	2.11	1.96	--	--
Utah	1.45	W	W	1.45	1.36	1.58	W
Wyoming	1.21	W	W	1.21	1.00	1.20	W
Pacific	**2.35**	**1.97**	**19.4**	**1.45**	**1.31**	**3.09**	**2.15**
California	2.36	W	W	--	--	2.36	W
Oregon	1.45	1.31	10.7	1.45	1.31	--	--
Washington	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	**2.08**	**1.76**	**18.2**	**2.08**	**1.77**	**2.08**	**1.74**

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 June 2008 and 2007

(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	2008	2007	Percent Change	2008	2007	2008	2007
New England	**2.87**	**2.78**	**3.3**	**3.40**	**2.77**	**2.73**	**2.78**
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	2.51	2.74	-8.4	--	2.65	2.51	2.74
New Hampshire	3.40	2.78	22.3	3.40	2.78	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**2.13**	**1.89**	**13.1**	**2.50**	**2.48**	**2.13**	**1.88**
New Jersey	3.09	2.79	10.8	2.72	2.68	3.11	2.81
New York	2.25	2.38	-5.5	2.22	2.25	2.25	2.39
Pennsylvania	2.04	1.72	18.6	--	--	2.04	1.72
East North Central	**1.87**	**1.60**	**17.1**	**1.84**	**1.62**	**1.94**	**1.52**
Illinois	1.81	1.30	39.2	1.86	1.37	1.81	1.30
Indiana	1.80	W	W	1.78	1.57	2.08	W
Michigan	1.93	W	W	1.93	1.71	2.50	W
Ohio	1.97	W	W	1.87	1.65	2.25	W
Wisconsin	1.82	W	W	1.82	1.62	1.69	W
West North Central	**1.38**	**1.21**	**14.0**	**1.38**	**1.21**	**--**	**--**
Iowa	1.17	1.07	9.3	1.17	1.07	--	--
Kansas	1.40	1.21	15.7	1.40	1.21	--	--
Minnesota	1.70	1.49	14.1	1.70	1.49	--	--
Missouri	1.59	1.32	20.5	1.59	1.32	--	--
Nebraska	.92	.85	8.2	.92	.85	--	--
North Dakota	1.13	.96	17.7	1.13	.96	--	--
South Dakota	1.75	1.56	12.2	1.75	1.56	--	--
South Atlantic	**2.65**	**2.36**	**12.2**	**2.66**	**2.41**	**2.63**	**2.12**
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	2.78	2.51	10.8	2.77	2.48	3.00	2.93
Georgia	2.87	2.58	11.2	2.87	2.58	--	--
Maryland	3.30	2.10	57.1	--	--	3.30	2.10
North Carolina	2.90	2.74	5.8	2.93	2.74	2.25	2.66
South Carolina	2.38	2.30	3.5	2.38	2.30	--	--
Virginia	2.56	2.47	3.6	2.54	2.38	2.66	2.84
West Virginia	2.05	W	W	2.19	1.81	1.66	W
East South Central	**2.13**	**1.94**	**9.7**	**2.15**	**1.96**	**1.66**	**1.59**
Alabama	2.28	2.09	9.1	2.28	2.09	--	--
Kentucky	1.93	W	W	1.96	1.76	1.62	W
Mississippi	2.71	W	W	2.92	2.86	1.77	W
Tennessee	2.08	1.85	12.4	2.08	1.85	--	--
West South Central	**1.63**	**1.46**	**11.8**	**1.73**	**1.51**	**1.49**	**1.39**
Arkansas	1.71	1.57	8.9	1.71	1.57	--	--
Louisiana	2.10	W	W	2.39	2.18	1.80	W
Oklahoma	1.42	W	W	1.42	1.13	1.41	W
Texas	1.59	W	W	1.78	1.57	1.45	W
Mountain	**1.47**	**1.36**	**7.8**	**1.51**	**1.38**	**1.09**	**.85**
Arizona	1.66	1.56	6.4	1.66	1.56	--	--
Colorado	1.41	1.26	11.9	1.41	1.26	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	1.88	.96	W	W
Nevada	2.18	1.88	16.0	2.18	1.88	--	--
New Mexico	1.93	1.84	4.9	1.93	1.84	--	--
Utah	1.38	W	W	1.37	1.34	1.70	W
Wyoming	1.21	W	W	1.21	1.09	1.25	W
Pacific	**2.00**	**1.77**	**13.3**	**1.44**	**1.34**	**2.19**	**1.88**
California	2.55	W	W	--	--	2.55	W
Oregon	1.44	1.34	7.5	1.44	1.34	--	--
Washington	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	**1.97**	**1.76**	**11.9**	**1.96**	**1.77**	**1.99**	**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. 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, June 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**19.42**	**W**	**W**	**28.64**	**11.31**	**19.41**	**W**
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	13.95	W	W
New Hampshire	28.64	11.12	157.6	28.64	11.12	--	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**20.30**	**9.80**	**107.1**	**18.77**	**8.83**	**22.86**	**10.84**
New Jersey	21.28	15.64	36.1	18.54	13.40	26.72	16.04
New York	19.34	8.96	115.8	18.84	8.77	20.46	9.26
Pennsylvania	25.64	13.72	86.9	--	--	25.64	13.72
East North Central	**24.84**	**15.40**	**61.3**	**24.30**	**15.25**	**29.67**	**16.52**
Illinois	29.54	17.23	71.4	24.09	18.29	30.17	17.13
Indiana	28.51	15.87	79.6	28.51	15.87	--	--
Michigan	21.98	15.03	46.2	21.98	15.03	--	--
Ohio	27.05	W	W	26.64	15.51	28.95	W
Wisconsin	26.35	W	W	26.32	12.35	26.92	W
West North Central	**24.01**	**15.07**	**59.3**	**24.01**	**15.07**	**--**	**--**
Iowa	19.62	16.44	19.3	19.62	16.44	--	--
Kansas	28.13	14.51	93.9	28.13	14.51	--	--
Minnesota	26.25	11.02	138.2	26.25	11.02	--	--
Missouri	28.90	15.87	82.1	28.90	15.87	--	--
Nebraska	22.31	16.92	31.9	22.31	16.92	--	--
North Dakota	26.42	16.55	59.6	26.42	16.55	--	--
South Dakota	20.66	--	--	20.66	--	--	--
South Atlantic	**16.33**	**9.21**	**77.2**	**15.63**	**9.03**	**23.74**	**11.70**
Delaware	19.99	W	W	--	9.39	19.99	W
District of Columbia	W	W	W	--	--	W	W
Florida	15.36	W	W	15.33	8.85	27.09	W
Georgia	W	15.77	W	16.22	15.77	W	--
Maryland	23.01	10.54	118.3	--	--	23.01	10.54
North Carolina	28.33	W	W	28.63	15.70	15.10	W
South Carolina	21.03	13.29	58.2	21.03	13.29	--	--
Virginia	17.03	W	W	16.89	9.43	28.46	W
West Virginia	26.02	W	W	25.92	14.83	30.78	W
East South Central	**19.79**	**W**	**W**	**19.77**	**11.18**	**20.71**	**W**
Alabama	22.28	14.31	55.7	22.28	14.31	--	--
Kentucky	27.96	W	W	28.36	15.76	20.71	W
Mississippi	7.97	7.61	4.7	7.97	7.61	--	--
Tennessee	27.74	15.20	82.5	27.74	15.20	--	--
West South Central	**15.58**	**14.41**	**8.1**	**12.96**	**14.36**	**20.88**	**15.02**
Arkansas	15.34	14.83	3.4	15.34	14.83	--	--
Louisiana	W	W	W	7.74	7.68	W	W
Oklahoma	--	8.90	-100.0	--	8.90	--	--
Texas	22.67	W	W	29.08	15.01	20.30	W
Mountain	**26.34**	**W**	**W**	**26.40**	**14.56**	**26.13**	**W**
Arizona	27.87	7.41	276.1	27.87	7.41	--	--
Colorado	24.07	10.68	125.4	24.07	10.68	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	20.66	16.26	W	W
Nevada	23.72	14.60	62.5	23.72	14.60	--	--
New Mexico	W	W	W	31.58	18.28	W	W
Utah	24.55	17.28	42.1	21.79	17.28	28.09	--
Wyoming	30.09	17.27	74.2	30.09	17.27	--	--
Pacific	**20.72**	**W**	**W**	**20.37**	**14.00**	**22.82**	**W**
California	W	W	W	--	13.91	W	W
Oregon	--	14.60	-100.0	--	14.60	--	--
Washington	W	14.60	W	13.00	14.60	W	--
Alaska	27.90	--	--	27.90	--	--	--
Hawaii	20.50	W	W	20.13	--	22.72	W
U.S. Total	**18.50**	**9.93**	**86.3**	**17.59**	**9.67**	**21.60**	**10.74**

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. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

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

Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, Year-to-Date through June 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	**15.24**	**8.44**	**80.6**	**21.84**	**8.96**	**15.20**	**8.41**
Connecticut	18.08	9.05	99.8	24.58	--	18.05	9.05
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	17.95	11.45	W	W
New Hampshire	W	8.71	W	22.56	8.71	W	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**17.50**	**7.73**	**126.3**	**14.80**	**6.89**	**20.32**	**8.91**
New Jersey	20.45	8.11	152.2	18.71	5.74	21.63	15.55
New York	16.52	7.49	120.6	14.45	6.95	20.09	8.43
Pennsylvania	20.21	9.99	102.3	--	--	20.21	9.99
East North Central	**21.96**	**13.28**	**65.3**	**21.94**	**12.95**	**22.05**	**14.64**
Illinois	21.98	14.85	48.0	22.45	15.52	21.96	14.73
Indiana	24.61	10.84	127.0	24.61	10.84	--	--
Michigan	21.54	12.46	72.9	21.54	12.46	30.14	--
Ohio	21.33	W	W	21.19	14.15	22.35	W
Wisconsin	20.62	W	W	20.57	15.36	23.17	W
West North Central	**21.04**	**W**	**W**	**20.87**	**13.68**	**25.73**	**W**
Iowa	22.03	15.74	40.0	22.03	15.74	--	--
Kansas	24.14	15.03	60.6	24.14	15.03	--	--
Minnesota	16.20	W	W	14.22	8.96	25.73	W
Missouri	23.75	15.20	56.2	23.75	15.20	--	--
Nebraska	21.14	16.49	28.2	21.14	16.49	--	--
North Dakota	21.64	15.58	38.9	21.64	15.58	--	--
South Dakota	18.28	11.78	55.2	18.28	11.78	--	--
South Atlantic	**14.23**	**8.67**	**64.0**	**13.82**	**8.57**	**19.32**	**9.70**
Delaware	W	W	W	--	7.28	W	W
District of Columbia	W	W	W	--	--	W	W
Florida	13.36	8.47	57.7	13.33	8.43	15.09	11.45
Georgia	16.75	13.70	22.3	16.12	13.70	22.69	--
Maryland	21.66	8.29	161.3	--	--	21.66	8.29
North Carolina	21.13	W	W	21.19	13.58	13.68	W
South Carolina	15.62	12.49	25.1	15.62	12.49	--	--
Virginia	15.78	8.53	85.0	15.46	7.94	17.25	11.23
West Virginia	24.18	W	W	24.14	13.77	25.14	W
East South Central	**21.53**	**W**	**W**	**21.54**	**10.28**	**21.52**	**W**
Alabama	21.79	13.26	64.3	22.26	13.26	20.85	--
Kentucky	23.91	W	W	24.02	14.54	22.96	W
Mississippi	10.74	8.55	25.6	10.74	8.55	--	--
Tennessee	21.96	14.47	51.8	21.96	14.47	--	--
West South Central	**13.69**	**11.37**	**20.4**	**11.19**	**11.20**	**20.12**	**12.01**
Arkansas	14.61	14.53	.6	14.61	14.53	--	--
Louisiana	W	W	W	7.74	8.46	W	W
Oklahoma	27.00	13.25	103.8	27.00	13.25	--	--
Texas	20.79	W	W	24.58	13.22	19.60	W
Mountain	**19.85**	**13.54**	**46.6**	**19.75**	**13.45**	**20.55**	**14.59**
Arizona	20.49	14.71	39.3	20.49	14.71	--	--
Colorado	22.28	W	W	22.58	8.82	9.62	W
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	17.91	15.96	W	W
Nevada	23.72	9.52	149.2	23.72	9.52	--	--
New Mexico	W	W	W	11.18	16.79	W	W
Utah	20.64	16.20	27.4	22.61	16.20	19.54	--
Wyoming	23.60	15.01	57.2	23.60	15.01	--	--
Pacific	**17.78**	**11.28**	**57.7**	**17.71**	**12.38**	**18.14**	**11.22**
California	W	W	W	22.70	13.49	W	W
Oregon	--	8.16	-100.0	--	8.16	--	--
Washington	18.98	W	W	13.61	11.83	20.79	W
Alaska	22.79	--	--	22.79	--	--	--
Hawaii	17.42	W	W	17.30	--	17.94	W
U.S. Total	**16.23**	**8.76**	**85.3**	**15.66**	**8.55**	**18.03**	**9.19**

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. • 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, June 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	**2.15**	**W**	**W**	**--**	**--**	**2.15**	**W**
New Jersey	--	--	--	--	--	--	--
New York	W	W	W	--	--	W	W
Pennsylvania	W	--	W	--	--	W	--
East North Central	**1.71**	**W**	**W**	**1.47**	**1.35**	**1.94**	**W**
Illinois	1.95	--	--	1.95	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	W	W	W	--	1.74	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.46	1.33	9.8	1.46	1.33	--	--
West North Central	**1.50**	**1.37**	**9.6**	**1.50**	**1.37**	**--**	**--**
Iowa	2.20	1.94	13.4	2.20	1.94	--	--
Kansas	1.65	1.32	25.0	1.65	1.32	--	--
Minnesota	1.07	1.03	3.9	1.07	1.03	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	**2.17**	**2.10**	**3.3**	**2.17**	**2.10**	**--**	**--**
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.17	2.10	3.3	2.17	2.10	--	--
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**	**2.22**	**--**	**W**	**W**
Arkansas	--	--	--	--	--	--	--
Louisiana	2.22	W	W	2.22	--	--	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	**1.52**	**1.74**	**-12.6**	**--**	**--**	**1.52**	**1.74**
California	1.52	1.74	-12.6	--	--	1.52	1.74
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	**1.62**	**1.51**	**7.3**	**2.05**	**1.91**	**1.26**	**1.27**

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 June 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	W	--	W	--	--	W	--
East North Central	**1.35**	**W**	**W**	**1.45**	**1.35**	**1.24**	**W**
Illinois	1.47	--	--	1.47	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	W	W	W	--	1.78	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.45	1.33	9.0	1.45	1.33	--	--
West North Central	**1.56**	**1.36**	**14.5**	**1.56**	**1.36**	--	--
Iowa	2.02	1.64	23.2	2.02	1.64	--	--
Kansas	1.60	1.39	15.1	1.60	1.39	--	--
Minnesota	1.05	1.04	1.0	1.05	1.04	--	--
Missouri	--	1.40	--	--	1.40	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	**2.12**	**1.94**	**9.3**	**2.12**	**1.94**	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.12	1.94	9.3	2.12	1.94	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	1.55	-100.0	--	1.55	--	--
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**	**1.87**	--	**W**	**W**
Arkansas	--	--	--	--	--	--	--
Louisiana	1.87	W	W	1.87	--	--	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	**1.65**	**1.77**	**-6.8**	--	--	**1.65**	**1.77**
California	1.65	1.77	-6.8	--	--	1.65	1.77
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	**1.55**	**1.52**	**2.0**	**1.96**	**1.83**	**1.11**	**1.21**

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.

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, June 2008 and 2007
(Dollars per Million Btu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Jun 2008	Jun 2007	Percent Change	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**13.24**	**8.01**	**65.3**	**13.21**	**8.30**	**13.24**	**8.01**
Connecticut	13.51	7.88	71.4	26.12	--	13.50	7.88
Maine	W	W	W	--	--	W	W
Massachusetts	13.46	7.97	68.9	13.05	8.33	13.47	7.97
New Hampshire	W	W	W	17.38	7.82	W	W
Rhode Island	13.36	7.97	67.6	--	--	13.36	7.97
Vermont	11.56	8.57	34.9	11.56	8.57	--	--
Middle Atlantic	**13.89**	**8.26**	**68.2**	**13.35**	**8.39**	**14.02**	**8.22**
New Jersey	13.95	8.36	66.9	13.55	--	13.96	8.36
New York	13.86	8.25	68.0	13.35	8.39	14.11	8.17
Pennsylvania	13.92	8.17	70.4	--	--	13.92	8.17
East North Central	**12.69**	**7.71**	**64.6**	**13.46**	**8.24**	**12.41**	**7.53**
Illinois	12.76	7.71	65.5	17.09	--	12.10	7.71
Indiana	13.12	8.29	58.3	13.43	8.39	12.98	7.93
Michigan	12.34	7.39	67.0	13.75	8.46	12.06	7.24
Ohio	13.71	8.34	64.4	13.63	8.30	13.74	8.36
Wisconsin	12.09	7.66	57.8	12.27	7.82	11.67	7.54
West North Central	**11.35**	**7.01**	**62.0**	**11.36**	**6.98**	**11.35**	**7.09**
Iowa	11.99	7.82	53.3	11.99	7.82	--	--
Kansas	11.17	6.86	62.8	11.17	6.86	--	--
Minnesota	11.48	W	W	11.47	6.92	11.49	W
Missouri	11.38	W	W	11.43	6.97	11.24	W
Nebraska	9.89	8.06	22.7	9.89	8.06	--	--
North Dakota	13.89	7.60	82.8	13.89	7.60	--	--
South Dakota	11.94	--	--	11.94	--	--	--
South Atlantic	**12.54**	**8.89**	**41.0**	**12.05**	**9.23**	**14.10**	**7.81**
Delaware	W	W	W	--	8.47	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	11.88	9.20	29.1	11.62	9.46	13.75	7.14
Georgia	13.98	7.65	82.7	13.42	7.29	14.46	7.92
Maryland	W	8.39	W	--	--	W	8.39
North Carolina	12.23	W	W	12.02	9.08	13.37	W
South Carolina	14.00	W	W	13.37	8.18	15.29	W
Virginia	14.06	8.60	63.5	14.17	8.47	13.90	8.72
West Virginia	13.32	W	W	13.44	9.84	12.36	W
East South Central	**13.04**	**7.59**	**71.9**	**12.80**	**7.52**	**13.28**	**7.64**
Alabama	13.17	7.51	75.4	13.09	7.24	13.20	7.67
Kentucky	W	W	W	13.94	8.36	W	W
Mississippi	12.85	W	W	12.50	7.73	13.37	W
Tennessee	13.52	--	--	13.52	--	--	--
West South Central	**12.03**	**7.40**	**62.5**	**11.57**	**7.56**	**12.25**	**7.34**
Arkansas	12.22	7.45	64.0	13.52	7.75	11.82	7.41
Louisiana	13.50	8.07	67.3	12.98	8.08	14.58	8.07
Oklahoma	10.94	7.18	52.4	10.30	7.30	12.06	7.02
Texas	12.00	7.33	63.7	11.50	7.41	12.14	7.31
Mountain	**10.74**	**6.08**	**76.7**	**10.37**	**6.10**	**11.17**	**6.05**
Arizona	11.54	7.28	58.5	11.66	7.69	11.46	7.01
Colorado	9.69	3.50	176.9	9.30	3.32	9.95	3.58
Idaho	9.49	W	W	9.49	--	--	W
Montana	W	W	W	13.49	7.31	W	W
Nevada	10.07	5.90	70.7	9.26	5.50	11.48	6.49
New Mexico	10.75	W	W	10.87	7.35	9.70	W
Utah	9.33	W	W	9.19	4.19	10.85	W
Wyoming	W	14.10	W	12.76	14.10	W	--
Pacific	**10.90**	**6.66**	**63.6**	**9.66**	**5.71**	**11.49**	**7.02**
California	11.34	6.94	63.4	10.60	6.09	11.66	7.20
Oregon	8.23	W	W	16.91	5.91	7.70	W
Washington	W	W	W	7.21	6.51	W	W
Alaska	3.74	3.48	7.5	3.74	3.48	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	**12.27**	**7.59**	**61.7**	**11.69**	**7.85**	**12.67**	**7.42**

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 June 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	**11.35**	**8.32**	**36.4**	**12.05**	**8.51**	**11.35**	**8.32**
Connecticut	11.73	8.29	41.5	24.14	--	11.71	8.29
Maine	W	W	W	--	--	W	W
Massachusetts	11.39	8.33	36.7	11.64	8.53	11.39	8.33
New Hampshire	W	W	W	13.52	8.16	W	W
Rhode Island	11.56	8.52	35.7	--	--	11.56	8.52
Vermont	10.54	8.25	27.8	10.54	8.25	--	--
Middle Atlantic	**11.56**	**8.39**	**37.9**	**11.55**	**8.52**	**11.57**	**8.35**
New Jersey	11.47	8.37	37.0	10.66	--	11.48	8.37
New York	11.51	8.29	38.8	11.55	8.52	11.49	8.17
Pennsylvania	11.89	8.74	36.0	--	--	11.89	8.74
East North Central	**10.20**	**7.44**	**37.2**	**10.86**	**8.35**	**10.00**	**7.16**
Illinois	10.93	7.77	40.7	12.48	7.55	10.70	7.77
Indiana	9.91	7.67	29.2	10.76	7.68	9.61	7.66
Michigan	9.96	6.77	47.1	11.10	8.86	9.82	6.59
Ohio	11.49	9.17	25.3	11.70	9.87	11.40	8.78
Wisconsin	9.99	7.77	28.6	10.35	8.20	9.61	7.40
West North Central	**9.67**	**7.45**	**29.8**	**9.71**	**7.50**	**9.50**	**7.35**
Iowa	10.33	8.03	28.6	10.33	8.03	--	--
Kansas	9.51	6.73	41.3	9.51	6.73	--	--
Minnesota	9.51	W	W	9.61	8.12	9.40	W
Missouri	9.51	W	W	9.48	7.83	9.63	W
Nebraska	9.65	7.98	20.9	9.65	7.98	--	--
North Dakota	10.94	7.50	45.9	10.94	7.50	--	--
South Dakota	10.43	--	--	10.43	--	--	--
South Atlantic	**10.74**	**9.09**	**18.2**	**10.56**	**9.38**	**11.56**	**7.90**
Delaware	W	W	W	--	8.49	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	10.35	9.28	11.5	10.31	9.59	10.63	6.88
Georgia	11.92	7.74	54.0	11.55	7.38	12.42	8.22
Maryland	13.03	8.43	54.6	--	--	13.03	8.43
North Carolina	12.02	W	W	11.88	9.60	13.13	W
South Carolina	12.21	8.76	39.4	11.50	8.85	14.85	8.49
Virginia	12.34	9.39	31.4	12.67	8.95	11.91	9.90
West Virginia	W	W	W	10.99	9.60	W	W
East South Central	**10.38**	**7.54**	**37.7**	**10.27**	**7.19**	**10.50**	**7.87**
Alabama	10.52	7.23	45.5	9.92	6.43	11.06	7.88
Kentucky	11.59	W	W	11.31	8.21	13.26	W
Mississippi	10.18	W	W	10.40	7.87	9.87	W
Tennessee	10.53	--	--	10.60	--	9.20	--
West South Central	**9.79**	**7.09**	**38.1**	**9.75**	**7.21**	**9.81**	**7.02**
Arkansas	9.93	7.49	32.6	11.01	7.29	9.68	7.51
Louisiana	10.73	7.79	37.7	10.80	7.88	10.58	7.63
Oklahoma	9.08	6.92	31.2	8.86	6.97	9.56	6.83
Texas	9.77	7.00	39.6	9.71	7.05	9.79	6.98
Mountain	**8.96**	**6.37**	**40.7**	**8.91**	**6.46**	**9.02**	**6.29**
Arizona	9.50	7.31	30.0	9.88	7.49	9.25	7.18
Colorado	8.17	5.02	62.7	8.26	5.25	8.12	4.94
Idaho	W	W	W	9.58	--	W	W
Montana	W	W	W	10.62	6.95	W	W
Nevada	8.81	6.11	44.2	8.40	6.08	9.41	6.16
New Mexico	9.24	W	W	9.36	7.13	8.35	W
Utah	W	W	W	7.96	5.16	W	W
Wyoming	10.05	W	W	10.29	7.61	7.28	W
Pacific	**8.66**	**6.56**	**32.0**	**8.29**	**5.93**	**8.82**	**6.79**
California	9.04	6.80	32.9	9.07	6.32	9.03	6.95
Oregon	7.56	6.22	21.5	8.27	7.47	7.20	5.82
Washington	9.03	5.86	54.1	9.36	6.21	8.95	5.81
Alaska	3.88	3.60	7.8	3.88	3.60	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	**10.01**	**7.53**	**32.9**	**9.90**	**7.84**	**10.08**	**7.34**

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, June 2008

(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	**602**	**.7**	**6.4**	**180**	**.1**	**1.8**	**--**	**--**	**--**
Connecticut	12	1.0	11.9	180	.1	1.8	--	--	--
Maine	24	.8	6.7	--	--	--	--	--	--
Massachusetts	418	.5	6.3	--	--	--	--	--	--
New Hampshire	148	1.3	6.1	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	**4,670**	**2.2**	**10.5**	**553**	**.2**	**4.2**	**--**	**--**	**--**
New Jersey	319	1.2	7.4	183	.1	2.1	--	--	--
New York	513	2.2	8.1	195	.2	5.2	--	--	--
Pennsylvania	3,838	2.2	11.0	175	.3	5.2	--	--	--
East North Central	**8,716**	**2.3**	**9.9**	**9,425**	**.3**	**4.9**	**--**	**--**	**--**
Illinois	443	3.1	9.3	3,303	.2	4.8	--	--	--
Indiana	3,071	2.4	9.3	1,503	.2	4.8	--	--	--
Michigan	765	1.2	9.4	2,344	.3	4.9	--	--	--
Ohio	4,216	2.4	10.5	885	.2	4.9	--	--	--
Wisconsin	221	1.0	9.7	1,391	.3	5.0	--	--	--
West North Central	**204**	**2.6**	**9.5**	**9,564**	**.3**	**5.2**	**1,914**	**.8**	**9.7**
Iowa	55	2.3	9.0	1,928	.3	5.1	--	--	--
Kansas	15	4.1	16.0	1,599	.4	5.1	--	--	--
Minnesota	12	1.7	10.8	1,232	.4	6.0	--	--	--
Missouri	122	2.6	8.7	3,201	.3	5.1	--	--	--
Nebraska	--	--	--	1,301	.3	5.2	--	--	--
North Dakota	--	--	--	127	.4	4.8	1,914	.8	9.7
South Dakota	--	--	--	176	.4	5.6	--	--	--
South Atlantic	**13,807**	**1.4**	**11.0**	**1,196**	**.3**	**4.6**	**--**	**--**	**--**
Delaware	168	.7	11.3	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	2,892	1.5	10.0	--	--	--	--	--	--
Georgia	1,984	1.0	10.6	990	.3	4.6	--	--	--
Maryland	964	1.2	10.8	--	--	--	--	--	--
North Carolina	2,430	1.0	11.8	--	--	--	--	--	--
South Carolina	1,233	1.3	10.7	--	--	--	--	--	--
Virginia	1,052	.9	10.2	--	--	--	--	--	--
West Virginia	3,085	2.0	12.0	206	.4	4.9	--	--	--
East South Central	**7,084**	**1.8**	**10.4**	**2,236**	**.3**	**5.0**	**340**	**.5**	**16.4**
Alabama	1,737	1.1	10.4	958	.3	5.0	--	--	--
Kentucky	3,208	2.6	11.1	121	.2	5.3	--	--	--
Mississippi	576	.6	8.2	94	.2	4.6	340	.5	16.4
Tennessee	1,563	1.6	9.8	1,062	.3	4.9	--	--	--
West South Central	**48**	**2.4**	**26.2**	**8,904**	**.3**	**5.2**	**3,618**	**1.0**	**16.0**
Arkansas	--	--	--	1,114	.3	4.8	--	--	--
Louisiana	--	--	--	825	.3	4.9	326	.8	11.0
Oklahoma	48	2.4	26.2	1,755	.3	5.2	--	--	--
Texas	--	--	--	5,210	.3	5.3	3,292	1.0	16.5
Mountain	**4,367**	**.6**	**13.4**	**5,373**	**.5**	**9.1**	**26**	**.9**	**14.0**
Arizona	1,134	.6	11.2	716	.5	5.3	--	--	--
Colorado	487	.5	10.4	1,066	.3	5.9	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	600	.7	9.8	26	.9	14.0
Nevada	346	.6	9.4	--	--	--	--	--	--
New Mexico	717	.8	22.6	684	.7	21.9	--	--	--
Utah	1,684	.5	12.7	--	--	--	--	--	--
Wyoming	--	--	--	2,307	.5	7.7	--	--	--
Pacific Contiguous	**102**	**.4**	**9.7**	**426**	**.3**	**7.0**	**--**	**--**	**--**
California	97	.4	9.9	--	--	--	--	--	--
Oregon	--	--	--	252	.3	4.7	--	--	--
Washington	5	.6	5.3	175	.3	10.4	--	--	--
Pacific Noncontiguous	**58**	**.8**	**10.6**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	58	.8	10.6	--	--	--	--	--	--
U.S. Total	**39,657**	**1.7**	**10.8**	**37,857**	**.3**	**5.6**	**5,899**	**.9**	**14.0**

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, June 2008

(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	**148**	**1.3**	**6.1**	**--**	**--**	**--**	**--**	**--**	**--**
Connecticut	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--
New Hampshire	148	1.3	6.1	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	**8**	**2.0**	**7.9**	**--**	**--**	**--**	**--**	**--**	**--**
New Jersey	2	1.2	7.4	--	--	--	--	--	--
New York	6	2.2	8.1	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--	--	--
East North Central	**7,487**	**2.3**	**9.9**	**5,212**	**.3**	**4.9**	**--**	**--**	**--**
Illinois	125	3.2	9.4	--	--	--	--	--	--
Indiana	2,873	2.5	9.2	1,335	.2	4.9	--	--	--
Michigan	725	1.3	9.4	2,341	.3	4.9	--	--	--
Ohio	3,582	2.5	10.6	170	.2	5.1	--	--	--
Wisconsin	181	.6	10.1	1,365	.3	5.0	--	--	--
West North Central	**169**	**2.5**	**9.6**	**9,473**	**.3**	**5.2**	**1,914**	**.8**	**9.7**
Iowa	35	2.0	9.2	1,877	.3	5.1	--	--	--
Kansas	15	4.1	16.0	1,599	.4	5.1	--	--	--
Minnesota	12	1.7	10.8	1,193	.4	6.0	--	--	--
Missouri	107	2.5	8.7	3,201	.3	5.1	--	--	--
Nebraska	--	--	--	1,301	.3	5.2	--	--	--
North Dakota	--	--	--	127	.4	4.8	1,914	.8	9.7
South Dakota	--	--	--	176	.4	5.6	--	--	--
South Atlantic	**11,224**	**1.2**	**11.0**	**1,159**	**.3**	**4.6**	**--**	**--**	**--**
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	2,685	1.5	9.9	--	--	--	--	--	--
Georgia	1,925	1.0	10.6	990	.3	4.6	--	--	--
Maryland	--	--	--	--	--	--	--	--	--
North Carolina	2,287	1.0	11.8	--	--	--	--	--	--
South Carolina	1,215	1.3	10.7	--	--	--	--	--	--
Virginia	821	1.0	10.4	--	--	--	--	--	--
West Virginia	2,291	1.5	12.0	169	.4	4.9	--	--	--
East South Central	**6,667**	**1.8**	**10.4**	**2,236**	**.3**	**5.0**	**--**	**--**	**--**
Alabama	1,722	1.1	10.4	958	.3	5.0	--	--	--
Kentucky	2,925	2.5	11.1	121	.2	5.3	--	--	--
Mississippi	576	.6	8.2	94	.2	4.6	--	--	--
Tennessee	1,444	1.6	9.9	1,062	.3	4.9	--	--	--
West South Central	**--**	**--**	**--**	**5,936**	**.3**	**5.1**	**955**	**1.3**	**17.4**
Arkansas	--	--	--	1,114	.3	4.8	--	--	--
Louisiana	--	--	--	369	.3	5.0	326	.8	11.0
Oklahoma	--	--	--	1,665	.3	5.1	--	--	--
Texas	--	--	--	2,789	.3	5.2	629	1.6	20.7
Mountain	**4,324**	**.6**	**13.4**	**4,648**	**.5**	**9.0**	**26**	**.9**	**14.0**
Arizona	1,134	.6	11.2	680	.5	5.3	--	--	--
Colorado	487	.5	10.4	1,066	.3	5.9	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	*	.7	9.8	26	.9	14.0
Nevada	346	.6	9.4	--	--	--	--	--	--
New Mexico	717	.8	22.6	684	.7	21.9	--	--	--
Utah	1,640	.5	12.8	--	--	--	--	--	--
Wyoming	--	--	--	2,217	.5	7.7	--	--	--
Pacific Contiguous	**--**	**--**	**--**	**252**	**.3**	**4.7**	**--**	**--**	**--**
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	252	.3	4.7	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	**30,026**	**1.6**	**10.9**	**28,916**	**.3**	**5.7**	**2,895**	**.9**	**12.3**

* = 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, June 2008

(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	**443**	**.5**	**6.5**	**180**	**.1**	**1.8**	**--**	**--**	**--**
Connecticut	12	1.0	11.9	180	.1	1.8	--	--	--
Maine	12	.8	7.0	--	--	--	--	--	--
Massachusetts	418	.5	6.3	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	**4,561**	**2.2**	**10.5**	**512**	**.2**	**4.1**	**--**	**--**	**--**
New Jersey	317	1.2	7.4	183	.1	2.1	--	--	--
New York	447	2.2	7.9	195	.2	5.2	--	--	--
Pennsylvania	3,797	2.2	11.0	134	.3	5.1	--	--	--
East North Central	**958**	**1.9**	**10.2**	**4,128**	**.2**	**4.8**	**--**	**--**	**--**
Illinois	143	2.8	9.6	3,243	.2	4.8	--	--	--
Indiana	197	1.9	11.2	167	.3	4.3	--	--	--
Michigan	9	1.0	9.7	3	.4	5.5	--	--	--
Ohio	607	1.7	10.1	714	.2	4.9	--	--	--
Wisconsin	2	1.0	9.7	--	--	--	--	--	--
West North Central	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	**2,352**	**1.9**	**11.2**	**37**	**.3**	**5.0**	**--**	**--**	**--**
Delaware	168	.7	11.3	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	188	1.0	11.5	--	--	--	--	--	--
Georgia	--	--	--	--	--	--	--	--	--
Maryland	927	1.2	10.5	--	--	--	--	--	--
North Carolina	103	1.0	11.8	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	213	.8	9.8	--	--	--	--	--	--
West Virginia	752	3.6	12.2	37	.3	5.0	--	--	--
East South Central	**283**	**3.2**	**10.4**	**--**	**--**	**--**	**340**	**.5**	**16.4**
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	283	3.2	10.4	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	340	.5	16.4
Tennessee	--	--	--	--	--	--	--	--	--
West South Central	**41**	**2.4**	**26.2**	**2,933**	**.4**	**5.4**	**2,663**	**.9**	**15.5**
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	456	.2	4.8	--	--	--
Oklahoma	41	2.4	26.2	56	1.0	6.8	--	--	--
Texas	--	--	--	2,421	.4	5.4	2,663	.9	15.5
Mountain	**--**	**--**	**--**	**689**	**.7**	**9.5**	**--**	**--**	**--**
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	600	.7	9.8	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	89	.5	7.4	--	--	--
Pacific Contiguous	**43**	**.4**	**9.6**	**175**	**.3**	**10.4**	**--**	**--**	**--**
California	43	.4	9.6	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	175	.3	10.4	--	--	--
Pacific Noncontiguous	**58**	**.8**	**10.6**	**--**	**--**	**--**	**--**	**--**	**--**
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	58	.8	10.6	--	--	--	--	--	--
U.S. Total	**8,739**	**2.0**	**10.5**	**8,653**	**.3**	**5.4**	**3,004**	**.9**	**15.6**

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, June 2008

(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--	--	--
East North Central	**26**	**1.8**	**10.2**	--	--	--	--	--	--
Illinois	6	3.4	10.0	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--	--
Michigan	20	1.3	10.3	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--
West North Central	**15**	**3.0**	**8.5**	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	15	3.0	8.5	--	--	--	--	--	--
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	**41**	**2.2**	**9.6**	--	--	--	--	--	--

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, June 2008
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	**12**	**.8**	**6.3**	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	12	.8	6.3	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	**101**	**2.3**	**10.3**	**41**	**.3**	**5.2**	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	60	2.3	9.5	--	--	--	--	--	--
Pennsylvania	41	2.2	11.5	41	.3	5.2	--	--	--
East North Central	**245**	**3.2**	**9.2**	**86**	**.3**	**5.3**	--	--	--
Illinois	169	3.2	9.1	60	.4	5.5	--	--	--
Indiana	--	--	--	--	--	--	--	--	--
Michigan	12	1.0	9.7	--	--	--	--	--	--
Ohio	27	4.5	11.6	--	--	--	--	--	--
Wisconsin	38	2.7	7.9	26	.2	4.7	--	--	--
West North Central	**20**	**2.9**	**8.8**	**90**	**.3**	**5.4**	--	--	--
Iowa	20	2.9	8.8	52	.3	5.0	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	39	.4	6.0	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	**231**	**1.2**	**11.6**	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	19	1.5	10.0	--	--	--	--	--	--
Georgia	59	.9	9.2	--	--	--	--	--	--
Maryland	36	2.0	18.9	--	--	--	--	--	--
North Carolina	40	.9	11.4	--	--	--	--	--	--
South Carolina	17	1.0	9.8	--	--	--	--	--	--
Virginia	17	.8	7.9	--	--	--	--	--	--
West Virginia	42	1.2	11.8	--	--	--	--	--	--
East South Central	**134**	**.9**	**8.2**	--	--	--	--	--	--
Alabama	15	.9	7.4	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	119	.9	8.3	--	--	--	--	--	--
West South Central	**7**	**2.4**	**26.2**	**35**	**.3**	**5.2**	--	--	--
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--
Oklahoma	7	2.4	26.2	35	.3	5.2	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	**44**	**.3**	**8.9**	**37**	**.5**	**5.3**	--	--	--
Arizona	--	--	--	37	.5	5.3	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	44	.3	8.9	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--
Pacific Contiguous	**58**	**.4**	**9.7**	--	--	--	--	--	--
California	54	.4	10.1	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	5	.6	5.3	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	**851**	**1.8**	**10.0**	**288**	**.4**	**5.3**	--	--	--

Notes: • Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. For more information, please see the Technical Notes in Appendix C. • See Glossary for definitions. • Values for 2008 are preliminary. • Values include a small number of 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 June 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
Total	**667,193**	**651,817**	**506,026**	**3,825**	**--**	**1,828,861**
Year to Date						
2006	632,074	617,541	499,841	3,673	--	1,753,129
2007	656,468	640,656	490,601	3,935	--	1,791,661
2008	667,193	651,817	506,026	3,825	--	1,828,861
Rolling 12 Months Ending in June						
2007	1,375,914	1,322,859	1,002,058	7,620	--	3,708,451
2008	1,402,636	1,353,834	1,021,252	7,628	--	3,785,350

[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 June 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
Total	**72,249**	**64,705**	**33,817**	**417**	--	**171,189**
Year to Date						
2006	64,179	57,061	29,998	336	--	151,574
2007	68,343	60,679	30,530	404	--	159,956
2008	72,249	64,705	33,817	417	--	171,189
Rolling 12 Months Ending in June						
2007	144,746	126,531	62,840	770	--	334,888
2008	151,933	133,791	67,259	818	--	353,802

[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 June 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
Total	**10.83**	**9.93**	**6.68**	**10.91**	**--**	**9.36**
Year to Date						
2006	10.15	9.24	6.00	9.15	--	8.65
2007	10.41	9.47	6.22	10.27	--	8.93
2008	10.83	9.93	6.68	10.91	--	9.36
Rolling 12 Months Ending in June						
2007	10.52	9.56	6.27	10.11	--	9.03
2008	10.83	9.88	6.59	10.73	--	9.35

[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, June 2008 and 2007
(Million Kilowatthours)

Census Division and State	Residential		Commercial[1]		Industrial[1]		Transportation[1]		All Sectors	
	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**3,728**	**3,714**	**4,821**	**4,846**	**1,898**	**2,014**	**41**	**47**	**10,487**	**10,621**
Connecticut	1,074	1,030	1,367	1,314	414	511	13	15	2,868	2,870
Maine	337	335	339	360	337	275	--	--	1,013	970
Massachusetts	1,555	1,596	2,233	2,297	736	801	28	32	4,551	4,725
New Hampshire	347	342	392	381	181	187	--	--	920	911
Rhode Island	250	245	319	323	99	104	--	--	668	671
Vermont	165	167	170	171	132	136	--	--	467	474
Middle Atlantic	**11,358**	**11,166**	**14,469**	**14,456**	**6,385**	**6,334**	**337**	**336**	**32,548**	**32,291**
New Jersey	2,840	2,848	3,531	3,529	794	802	24	23	7,189	7,201
New York	4,148	4,109	6,834	6,854	1,324	1,367	236	240	12,542	12,569
Pennsylvania	4,370	4,209	4,104	4,074	4,266	4,165	77	73	12,818	12,521
East North Central	**15,816**	**16,668**	**17,940**	**16,976**	**16,278**	**18,135**	**43**	**44**	**50,077**	**51,822**
Illinois	4,150	4,296	5,923	4,652	2,363	3,831	38	39	12,475	12,818
Indiana	2,748	2,868	2,113	2,248	4,095	4,175	1	1	8,957	9,293
Michigan	2,893	3,118	3,664	3,797	2,803	3,010	*	*	9,360	9,925
Ohio	4,312	4,478	4,256	4,243	4,976	4,998	3	3	13,547	13,722
Wisconsin	1,712	1,908	1,984	2,035	2,042	2,121	--	--	5,738	6,065
West North Central	**8,257**	**8,564**	**8,469**	**8,559**	**7,127**	**7,241**	**3**	**3**	**23,856**	**24,368**
Iowa	1,097	1,148	1,000	1,042	1,531	1,622	NM	*	3,628	3,813
Kansas	1,299	1,226	1,389	1,339	938	972	--	--	3,626	3,536
Minnesota	1,676	1,912	1,841	1,975	1,883	1,859	2	2	5,402	5,748
Missouri	2,970	3,004	2,798	2,720	1,472	1,521	2	2	7,242	7,247
Nebraska	703	727	792	810	817	797	--	--	2,311	2,333
North Dakota	233	252	320	329	290	288	--	--	843	868
South Dakota	279	296	329	344	198	183	--	--	805	822
South Atlantic	**32,109**	**30,209**	**28,415**	**27,342**	**13,451**	**13,503**	**109**	**113**	**74,084**	**71,167**
Delaware	337	341	361	375	254	272	--	--	953	988
District of Columbia	175	172	925	840	21	21	27	30	1,148	1,063
Florida	11,330	10,359	8,538	8,123	1,695	1,643	7	8	21,570	20,134
Georgia	5,398	5,239	4,274	4,238	2,869	2,987	15	15	12,556	12,478
Maryland	2,278	2,286	2,819	2,729	507	509	42	45	5,646	5,569
North Carolina	4,968	4,673	4,311	4,183	2,523	2,479	1	*	11,803	11,336
South Carolina	2,834	2,607	2,060	1,998	2,692	2,662	--	--	7,586	7,267
Virginia	3,955	3,667	4,447	4,121	1,626	1,661	17	16	10,045	9,464
West Virginia	834	864	679	735	1,264	1,269	*	*	2,777	2,867
East South Central	**10,466**	**10,401**	**7,685**	**7,651**	**10,498**	**10,382**	*****	*****	**28,649**	**28,435**
Alabama	3,077	3,032	2,073	2,042	3,105	3,090	--	--	8,256	8,164
Kentucky	2,257	2,274	1,761	1,765	3,217	3,231	--	--	7,236	7,270
Mississippi	1,734	1,624	1,224	1,205	1,443	1,368	--	--	4,401	4,196
Tennessee	3,397	3,472	2,627	2,640	2,732	2,693	*	*	8,757	8,805
West South Central	**20,477**	**17,075**	**16,371**	**14,940**	**15,194**	**13,477**	**6**	**6**	**52,047**	**45,497**
Arkansas	1,482	1,419	1,077	1,066	1,514	1,551	--	--	4,073	4,036
Louisiana	3,318	2,538	2,607	1,996	3,183	2,474	*	*	9,108	7,008
Oklahoma	2,148	1,923	1,729	1,749	1,288	1,273	--	--	5,165	4,946
Texas	13,529	11,195	10,958	10,128	9,209	8,179	6	6	33,702	29,507
Mountain	**8,176**	**8,498**	**8,329**	**8,278**	**7,188**	**7,010**	**7**	**7**	**23,701**	**23,793**
Arizona	3,282	3,428	2,786	2,696	1,111	1,047	--	--	7,179	7,172
Colorado	1,387	1,396	1,762	1,803	1,152	1,078	4	3	4,304	4,280
Idaho	567	574	482	480	1,095	1,208	--	--	2,144	2,262
Montana	310	295	384	388	393	370	--	--	1,087	1,053
Nevada	1,190	1,365	865	876	1,258	1,231	1	1	3,314	3,473
New Mexico	559	519	819	785	575	609	--	--	1,954	1,914
Utah	703	751	873	894	806	753	3	3	2,385	2,401
Wyoming	177	170	359	357	798	712	--	--	1,335	1,239
Pacific Contiguous	**10,974**	**10,634**	**14,310**	**14,317**	**7,175**	**6,973**	**75**	**76**	**32,533**	**32,000**
California	7,222	7,048	10,630	10,640	4,324	4,191	73	75	22,249	21,954
Oregon	1,315	1,297	1,330	1,357	1,125	1,125	2	1	3,772	3,780
Washington	2,436	2,289	2,350	2,320	1,726	1,657	*	*	6,512	6,266
Pacific Noncontiguous	**399**	**412**	**512**	**513**	**425**	**445**	**--**	**--**	**1,336**	**1,369**
Alaska	143	143	216	214	105	120	--	--	464	476
Hawaii	256	268	296	299	319	325	--	--	871	893
U.S. Total	**121,758**	**117,340**	**121,321**	**117,878**	**85,618**	**85,514**	**622**	**631**	**329,319**	**321,363**

[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 June 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	**22,989**	**23,233**	**27,713**	**27,254**	**11,206**	**11,316**	**279**	**307**	**62,188**	**62,110**
Connecticut	6,292	6,499	7,551	7,197	2,420	2,643	95	102	16,358	16,441
Maine	2,282	2,206	2,075	2,052	1,865	1,558	--	--	6,222	5,816
Massachusetts	9,675	9,718	13,078	13,033	4,545	4,639	185	205	27,483	27,596
New Hampshire	2,203	2,225	2,246	2,213	1,040	1,075	--	--	5,488	5,514
Rhode Island	1,458	1,477	1,771	1,762	546	582	--	--	3,775	3,820
Vermont	1,080	1,107	992	997	790	819	--	--	2,862	2,923
Middle Atlantic	**64,240**	**65,007**	**80,896**	**81,171**	**36,495**	**36,016**	**2,018**	**2,097**	**183,649**	**184,290**
New Jersey	13,435	13,827	19,498	19,599	4,646	4,813	154	153	37,732	38,392
New York	23,650	24,017	38,094	38,418	7,613	7,389	1,428	1,537	70,784	71,360
Pennsylvania	27,155	27,164	23,304	23,153	24,236	23,814	437	407	75,133	74,538
East North Central	**92,301**	**93,287**	**93,978**	**91,940**	**104,086**	**106,162**	**333**	**331**	**290,698**	**291,720**
Illinois	22,196	22,382	28,216	25,627	21,018	23,789	295	291	71,725	72,089
Indiana	16,534	16,696	11,900	12,056	24,553	24,397	10	10	52,998	53,159
Michigan	16,533	16,769	19,247	19,424	16,367	16,627	3	3	52,150	52,823
Ohio	26,354	26,712	23,225	23,469	29,664	28,900	26	28	79,269	79,109
Wisconsin	10,684	10,728	11,390	11,364	12,483	12,450	--	--	34,557	34,542
West North Central	**50,367**	**49,318**	**47,353**	**46,709**	**42,358**	**41,649**	**NM**	**22**	**140,101**	**137,697**
Iowa	6,705	6,569	5,616	5,602	9,504	9,247	NM	*	21,826	21,417
Kansas	6,374	6,232	7,195	7,132	5,273	5,573	--	--	18,842	18,938
Minnesota	10,661	10,710	10,692	10,834	11,507	10,982	11	11	32,872	32,537
Missouri	17,188	16,817	15,029	14,560	8,808	8,892	12	10	41,037	40,280
Nebraska	4,902	4,730	4,550	4,507	4,393	4,260	--	--	13,845	13,497
North Dakota	2,255	2,107	2,202	2,071	1,771	1,685	--	--	6,228	5,863
South Dakota	2,282	2,153	2,068	2,003	1,102	1,010	--	--	5,451	5,166
South Atlantic	**164,344**	**163,645**	**147,390**	**145,464**	**76,935**	**77,356**	**652**	**669**	**389,322**	**387,133**
Delaware	2,136	2,193	2,086	2,103	1,463	1,513	--	--	5,685	5,808
District of Columbia	892	919	4,435	4,463	133	130	151	157	5,612	5,670
Florida	53,436	52,616	44,790	43,771	9,575	9,419	43	49	107,844	105,855
Georgia	26,049	25,841	22,487	22,037	16,917	17,213	90	89	65,543	65,179
Maryland	13,431	13,950	14,398	14,725	2,864	2,877	265	276	30,958	31,828
North Carolina	26,573	26,315	22,292	21,937	14,107	14,167	2	*	62,975	62,419
South Carolina	13,988	13,646	10,271	10,129	15,251	15,328	--	--	39,510	39,103
Virginia	21,814	22,105	22,852	22,493	9,247	9,391	99	96	54,012	54,085
West Virginia	6,025	6,060	3,779	3,806	7,377	7,318	2	2	17,183	17,185
East South Central	**57,703**	**57,359**	**40,498**	**40,356**	**66,732**	**63,752**	**1**	**1**	**164,934**	**161,468**
Alabama	15,328	15,216	10,721	10,552	18,075	18,017	--	--	44,124	43,784
Kentucky	13,415	13,448	9,478	9,570	23,718	21,904	--	--	46,611	44,921
Mississippi	8,644	8,415	6,331	6,164	8,351	7,919	--	--	23,326	22,498
Tennessee	20,316	20,280	13,968	14,070	16,589	15,913	1	1	50,874	50,264
West South Central	**95,662**	**87,516**	**83,687**	**79,091**	**87,122**	**75,553**	**35**	**33**	**266,506**	**242,193**
Arkansas	8,330	8,022	5,564	5,464	8,608	8,673	--	--	22,502	22,158
Louisiana	15,676	12,829	13,319	10,492	18,109	13,854	2	1	47,106	37,176
Oklahoma	10,293	9,781	8,851	8,655	7,450	7,328	--	--	26,594	25,764
Texas	61,362	56,885	55,952	54,480	52,955	45,698	33	32	170,303	157,094
Mountain	**43,318**	**43,124**	**45,088**	**44,535**	**38,318**	**36,984**	**44**	**44**	**126,768**	**124,687**
Arizona	14,333	14,741	14,129	14,032	6,178	5,795	--	--	34,640	34,568
Colorado	8,419	8,227	9,890	9,828	6,373	6,094	23	22	24,706	24,171
Idaho	4,420	4,156	2,995	2,882	4,307	4,442	--	--	11,721	11,480
Montana	2,481	2,330	2,377	2,337	2,214	2,078	--	--	7,072	6,745
Nevada	5,099	5,411	4,412	4,382	6,707	6,652	4	4	16,222	16,448
New Mexico	3,115	2,998	4,216	4,135	3,337	3,386	--	--	10,668	10,519
Utah	3,978	3,909	4,881	4,872	4,593	4,291	17	18	13,469	13,090
Wyoming	1,472	1,353	2,188	2,067	4,609	4,247	--	--	8,269	7,666
Pacific Contiguous	**73,620**	**71,312**	**82,076**	**81,011**	**40,230**	**39,272**	**438**	**432**	**196,365**	**192,027**
California	42,421	41,706	59,035	58,446	23,951	23,410	428	422	125,835	123,984
Oregon	10,789	10,265	8,126	7,990	6,211	6,238	9	10	25,135	24,502
Washington	20,410	19,340	14,916	14,575	10,068	9,625	1	1	45,395	43,541
Pacific Noncontiguous	**2,650**	**2,668**	**3,137**	**3,126**	**2,544**	**2,541**	**--**	**--**	**8,331**	**8,335**
Alaska	1,113	1,115	1,429	1,423	675	667	--	--	3,217	3,204
Hawaii	1,538	1,553	1,708	1,704	1,868	1,874	--	--	5,114	5,131
U.S. Total	**667,193**	**656,468**	**651,817**	**640,656**	**506,026**	**490,601**	**3,825**	**3,935**	**1,828,861**	**1,791,661**

[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, June 2008 and 2007

(Million Dollars)

Census Division and State	Residential		Commercial[1]		Industrial[1]		Transportation[1]		All Sectors	
	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**650**	**625**	**771**	**714**	**258**	**252**	**6**	**4**	**1,685**	**1,595**
Connecticut	207	201	219	200	57	64	2	2	485	466
Maine	53	51	43	44	39	30	--	--	136	124
Massachusetts	271	264	384	355	112	110	3	2	770	730
New Hampshire	55	51	57	53	24	23	--	--	136	128
Rhode Island	41	35	47	41	13	13	--	--	101	89
Vermont	24	24	22	21	12	12	--	--	58	57
Middle Atlantic	**1,824**	**1,687**	**2,246**	**2,030**	**573**	**509**	**45**	**43**	**4,689**	**4,268**
New Jersey	487	451	592	518	126	99	4	3	1,209	1,071
New York	805	745	1,255	1,126	141	127	35	35	2,235	2,032
Pennsylvania	533	490	399	386	306	284	6	6	1,244	1,166
East North Central	**1,721**	**1,712**	**1,634**	**1,516**	**1,053**	**1,026**	**4**	**3**	**4,413**	**4,257**
Illinois	481	471	531	467	183	190	3	2	1,199	1,130
Indiana	246	236	161	158	222	206	*	*	628	600
Michigan	323	335	356	345	198	202	*	*	877	881
Ohio	469	460	397	364	315	290	*	*	1,181	1,115
Wisconsin	202	210	189	182	136	138	--	--	528	530
West North Central	**792**	**779**	**666**	**642**	**409**	**405**	*****	*****	**1,868**	**1,826**
Iowa	112	112	76	76	79	83	NM	*	267	271
Kansas	128	111	116	102	59	54	--	--	303	267
Minnesota	169	182	158	164	117	118	*	*	444	465
Missouri	274	265	214	201	85	86	*	*	573	552
Nebraska	65	63	57	54	42	39	--	--	164	156
North Dakota	20	21	22	22	16	15	--	--	58	59
South Dakota	25	26	23	23	11	9	--	--	59	58
South Atlantic	**3,506**	**3,115**	**2,673**	**2,369**	**885**	**769**	**12**	**11**	**7,075**	**6,263**
Delaware	49	47	47	43	29	24	*	--	125	114
District of Columbia	23	21	127	106	2	2	4	3	156	132
Florida	1,309	1,162	847	785	140	126	1	1	2,297	2,074
Georgia	593	500	425	347	229	179	1	1	1,249	1,028
Maryland	322	311	372	320	57	49	5	4	755	685
North Carolina	478	433	329	306	140	131	*	*	947	870
South Carolina	293	242	184	156	150	126	--	--	627	524
Virginia	380	342	302	265	86	82	1	1	769	689
West Virginia	59	57	40	41	51	49	*	*	150	147
East South Central	**992**	**888**	**693**	**619**	**649**	**574**	*****	*****	**2,334**	**2,080**
Alabama	332	290	210	181	209	175	--	--	751	646
Kentucky	182	166	132	120	170	170	--	--	485	456
Mississippi	180	159	119	109	92	82	--	--	392	350
Tennessee	297	272	231	209	178	147	*	*	706	629
West South Central	**2,521**	**1,966**	**1,804**	**1,416**	**1,374**	**970**	**1**	*****	**5,700**	**4,353**
Arkansas	152	124	90	70	102	79	--	--	344	274
Louisiana	351	241	266	182	259	162	*	*	875	585
Oklahoma	215	168	154	135	87	73	--	--	456	376
Texas	1,803	1,432	1,294	1,029	927	656	1	*	4,025	3,117
Mountain	**863**	**828**	**742**	**667**	**464**	**411**	**1**	**1**	**2,070**	**1,906**
Arizona	364	341	265	226	81	65	--	--	710	633
Colorado	145	135	159	149	79	66	*	*	383	350
Idaho	43	40	30	26	57	50	--	--	130	117
Montana	30	28	33	32	22	21	--	--	85	81
Nevada	144	158	90	86	108	106	*	*	341	350
New Mexico	60	48	75	61	39	34	--	--	175	144
Utah	61	65	66	64	42	38	*	*	169	167
Wyoming	16	14	25	22	37	29	--	--	77	65
Pacific Contiguous	**1,393**	**1,303**	**1,855**	**1,748**	**585**	**577**	**6**	**5**	**3,839**	**3,633**
California	1,092	1,029	1,600	1,505	454	444	6	5	3,152	2,984
Oregon	113	107	97	96	58	56	*	*	268	259
Washington	187	167	158	147	74	76	*	*	419	390
Pacific Noncontiguous	**109**	**85**	**118**	**89**	**101**	**73**	**--**	**--**	**328**	**247**
Alaska	24	22	28	26	15	14	--	--	67	61
Hawaii	85	63	90	64	86	59	--	--	261	186
U.S. Total	**14,372**	**12,986**	**13,202**	**11,809**	**6,353**	**5,564**	**73**	**68**	**34,001**	**30,428**

[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 June 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	**3,904**	**3,890**	**4,178**	**4,015**	**1,455**	**1,410**	**33**	**27**	**9,571**	**9,341**
Connecticut	1,183	1,233	1,167	1,124	325	338	13	15	2,688	2,710
Maine	361	326	266	267	225	177	--	--	853	770
Massachusetts	1,626	1,641	2,048	1,974	627	614	20	12	4,322	4,241
New Hampshire	334	332	309	306	132	138	--	--	774	776
Rhode Island	244	202	264	222	76	71	--	--	583	495
Vermont	156	156	124	122	71	71	--	--	351	349
Middle Atlantic	**9,227**	**8,816**	**10,952**	**10,280**	**3,028**	**2,865**	**248**	**252**	**23,455**	**22,214**
New Jersey	1,994	1,865	2,726	2,401	579	503	23	18	5,323	4,787
New York	4,207	4,047	6,070	5,760	754	725	192	201	11,223	10,733
Pennsylvania	3,025	2,904	2,157	2,119	1,695	1,637	33	33	6,910	6,694
East North Central	**9,217**	**8,922**	**8,319**	**7,860**	**6,353**	**6,075**	**24**	**24**	**23,914**	**22,880**
Illinois	2,346	2,282	2,545	2,282	1,392	1,402	21	20	6,303	5,985
Indiana	1,387	1,322	879	846	1,284	1,184	1	1	3,551	3,354
Michigan	1,731	1,716	1,767	1,761	1,091	1,084	*	*	4,589	4,561
Ohio	2,556	2,461	2,107	2,006	1,800	1,649	3	3	6,465	6,119
Wisconsin	1,197	1,141	1,022	965	786	755	--	--	3,004	2,860
West North Central	**4,133**	**3,916**	**3,237**	**3,073**	**2,173**	**2,068**	**2**	**1**	**9,545**	**9,058**
Iowa	613	600	385	386	437	426	NM	*	1,435	1,412
Kansas	553	507	531	488	293	285	--	--	1,376	1,279
Minnesota	988	949	810	790	664	619	1	1	2,463	2,359
Missouri	1,282	1,214	940	877	412	406	1	1	2,634	2,498
Nebraska	356	334	287	275	214	195	--	--	858	803
North Dakota	161	145	146	130	96	86	--	--	403	362
South Dakota	180	166	137	127	58	50	--	--	375	344
South Atlantic	**16,838**	**15,858**	**13,216**	**12,409**	**4,569**	**4,186**	**69**	**61**	**34,692**	**32,514**
Delaware	285	279	244	234	147	127	*	--	676	641
District of Columbia	101	94	599	529	14	13	19	18	734	653
Florida	6,021	5,854	4,396	4,257	759	726	4	5	11,180	10,841
Georgia	2,486	2,273	2,007	1,754	1,061	897	6	6	5,561	4,929
Maryland	1,769	1,451	1,727	1,653	292	255	32	26	3,820	3,385
North Carolina	2,488	2,404	1,656	1,587	748	722	*	*	4,892	4,713
South Carolina	1,356	1,240	849	774	775	712	--	--	2,980	2,726
Virginia	1,922	1,878	1,513	1,405	473	459	7	6	3,914	3,748
West Virginia	410	387	224	215	299	275	*	*	934	877
East South Central	**4,982**	**4,671**	**3,418**	**3,199**	**3,529**	**3,179**	*****	*****	**11,930**	**11,049**
Alabama	1,479	1,380	985	909	988	921	--	--	3,452	3,210
Kentucky	998	948	655	625	1,075	956	--	--	2,729	2,528
Mississippi	841	781	598	553	504	454	--	--	1,943	1,788
Tennessee	1,664	1,563	1,180	1,112	962	848	*	*	3,806	3,523
West South Central	**10,740**	**9,762**	**8,254**	**7,354**	**6,820**	**5,348**	**3**	**3**	**25,817**	**22,467**
Arkansas	753	681	414	368	490	431	--	--	1,657	1,480
Louisiana	1,531	1,198	1,287	972	1,336	951	*	*	4,154	3,121
Oklahoma	895	799	666	591	416	376	--	--	1,977	1,766
Texas	7,561	7,084	5,887	5,423	4,578	3,590	3	3	18,028	16,100
Mountain	**4,113**	**3,873**	**3,668**	**3,394**	**2,250**	**2,029**	**3**	**3**	**10,035**	**9,299**
Arizona	1,427	1,362	1,222	1,109	393	340	--	--	3,042	2,810
Colorado	815	766	815	765	396	362	2	2	2,027	1,895
Idaho	296	250	163	142	182	161	--	--	641	553
Montana	220	199	196	186	145	113	--	--	562	499
Nevada	624	617	455	439	528	509	*	*	1,607	1,565
New Mexico	296	265	349	311	201	182	--	--	846	757
Utah	321	311	323	315	204	189	1	1	849	817
Wyoming	115	103	143	127	201	173	--	--	459	403
Pacific Contiguous	**8,446**	**8,122**	**8,804**	**8,581**	**3,090**	**2,978**	**34**	**33**	**20,374**	**19,715**
California	6,004	5,975	7,176	7,060	2,309	2,229	34	32	15,524	15,296
Oregon	917	792	621	572	307	303	1	1	1,845	1,668
Washington	1,525	1,355	1,006	949	474	446	*	*	3,005	2,750
Pacific Noncontiguous	**648**	**514**	**659**	**514**	**550**	**392**	**--**	**--**	**1,858**	**1,420**
Alaska	178	165	183	167	98	78	--	--	459	409
Hawaii	470	349	476	346	452	315	--	--	1,399	1,010
U.S. Total	**72,249**	**68,343**	**64,705**	**60,679**	**33,817**	**30,530**	**417**	**404**	**171,189**	**159,956**

[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, June 2008 and 2007

(Cents per Kilowatthour)

Census Division and State	Residential		Commercial[1]		Industrial[1]		Transportation[1]		All Sectors	
	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007	Jun 2008	Jun 2007
New England	**17.45**	**16.84**	**16.00**	**14.73**	**13.58**	**12.49**	**13.54**	**8.27**	**16.07**	**15.02**
Connecticut	19.23	19.47	16.04	15.22	13.72	12.48	16.10	12.89	16.90	16.25
Maine	15.75	15.17	12.69	12.16	11.72	10.86	--	--	13.38	12.83
Massachusetts	17.42	16.53	17.18	15.44	15.25	13.73	12.31	6.05	16.92	15.46
New Hampshire	15.86	14.96	14.52	13.94	13.19	12.45	--	--	14.76	14.02
Rhode Island	16.20	14.28	14.63	12.82	13.59	12.31	--	--	15.06	13.28
Vermont	14.79	14.47	12.71	12.26	9.11	8.73	--	--	12.43	12.02
Middle Atlantic	**16.06**	**15.11**	**15.52**	**14.04**	**8.98**	**8.03**	**13.34**	**12.92**	**14.41**	**13.22**
New Jersey	17.13	15.85	16.77	14.67	15.91	12.32	18.04	12.80	16.82	14.87
New York	19.40	18.13	18.36	16.42	10.64	9.26	14.82	14.52	17.82	16.17
Pennsylvania	12.19	11.65	9.72	9.48	7.18	6.81	7.34	7.73	9.70	9.31
East North Central	**10.89**	**10.27**	**9.11**	**8.93**	**6.47**	**5.66**	**8.91**	**6.56**	**8.81**	**8.21**
Illinois	11.60	10.96	8.96	10.03	7.75	4.97	8.67	6.10	9.61	8.82
Indiana	8.95	8.23	7.61	7.03	5.41	4.94	9.46	10.42	7.02	6.46
Michigan	11.17	10.74	9.72	9.08	7.06	6.70	12.69	10.50	9.37	8.88
Ohio	10.87	10.28	9.33	8.58	6.32	5.81	11.05	10.40	8.72	8.12
Wisconsin	11.82	11.00	9.54	8.96	6.68	6.50	--	--	9.20	8.74
West North Central	**9.60**	**9.10**	**7.87**	**7.50**	**5.74**	**5.59**	**7.79**	**7.98**	**7.83**	**7.50**
Iowa	10.22	9.75	7.58	7.29	5.16	5.10	NM	8.99	7.35	7.10
Kansas	9.85	9.03	8.36	7.60	6.30	5.57	--	--	8.36	7.54
Minnesota	10.07	9.55	8.57	8.31	6.23	6.34	7.73	8.03	8.22	8.08
Missouri	9.21	8.82	7.66	7.38	5.78	5.67	7.82	7.91	7.92	7.62
Nebraska	9.25	8.63	7.17	6.72	5.14	4.89	--	--	7.09	6.69
North Dakota	8.49	8.37	6.97	6.75	5.61	5.37	--	--	6.92	6.76
South Dakota	8.98	8.64	6.99	6.65	5.35	5.15	--	--	7.28	7.03
South Atlantic	**10.92**	**10.31**	**9.41**	**8.66**	**6.58**	**5.69**	**10.60**	**9.43**	**9.55**	**8.80**
Delaware	14.57	13.80	12.90	11.34	11.54	8.84	--	--	13.13	11.50
District of Columbia	13.24	11.96	13.75	12.57	10.54	10.49	13.16	11.27	13.60	12.39
Florida	11.55	11.21	9.92	9.66	8.29	7.68	9.80	9.67	10.65	10.30
Georgia	10.99	9.54	9.95	8.19	7.99	6.01	8.74	7.41	9.95	8.23
Maryland	14.13	13.63	13.20	11.74	11.14	9.66	11.12	9.83	13.38	12.31
North Carolina	9.62	9.27	7.63	7.32	5.56	5.28	6.37	--	8.02	7.68
South Carolina	10.35	9.29	8.93	7.82	5.57	4.74	--	--	8.27	7.22
Virginia	9.61	9.32	6.78	6.42	5.28	4.93	7.15	6.65	7.65	7.28
West Virginia	7.03	6.64	5.93	5.61	4.05	3.85	6.24	5.60	5.40	5.14
East South Central	**9.48**	**8.53**	**9.02**	**8.09**	**6.19**	**5.53**	**10.57**	**11.22**	**8.15**	**7.32**
Alabama	10.79	9.57	10.15	8.87	6.73	5.67	--	--	9.10	7.92
Kentucky	8.07	7.31	7.52	6.79	5.29	5.25	--	--	6.70	6.27
Mississippi	10.41	9.79	9.73	9.04	6.40	5.98	--	--	8.90	8.33
Tennessee	8.75	7.84	8.80	7.92	6.51	5.47	10.57	11.22	8.07	7.14
West South Central	**12.31**	**11.51**	**11.02**	**9.48**	**9.04**	**7.20**	**8.88**	**8.59**	**10.95**	**9.57**
Arkansas	10.27	8.73	8.36	6.59	6.72	5.12	--	--	8.44	6.78
Louisiana	10.58	9.50	10.19	9.10	8.13	6.57	12.53	14.15	9.61	8.35
Oklahoma	10.03	8.76	8.89	7.73	6.75	5.71	--	--	8.83	7.61
Texas	13.33	12.79	11.81	10.16	10.07	8.02	8.61	8.38	11.94	10.57
Mountain	**10.56**	**9.74**	**8.91**	**8.06**	**6.46**	**5.86**	**8.69**	**8.20**	**8.74**	**8.01**
Arizona	11.08	9.95	9.51	8.40	7.31	6.25	--	--	9.89	8.82
Colorado	10.49	9.64	9.02	8.26	6.84	6.12	8.89	7.67	8.91	8.17
Idaho	7.66	6.96	6.15	5.51	5.16	4.16	--	--	6.04	5.16
Montana	9.68	9.39	8.69	8.34	5.53	5.64	--	--	7.83	7.68
Nevada	12.07	11.55	10.37	9.86	8.57	8.63	10.38	11.13	10.30	10.09
New Mexico	10.79	9.29	9.21	7.79	6.79	5.62	--	--	8.95	7.50
Utah	8.68	8.63	7.51	7.13	5.21	5.08	7.89	7.96	7.08	6.96
Wyoming	8.78	8.20	6.88	6.22	4.65	4.10	--	--	5.80	5.27
Pacific Contiguous	**12.69**	**12.25**	**12.96**	**12.21**	**8.16**	**8.27**	**7.95**	**7.12**	**11.80**	**11.35**
California	15.12	14.60	15.05	14.14	10.49	10.60	7.98	7.13	14.17	13.59
Oregon	8.62	8.24	7.29	7.07	5.15	4.96	6.54	6.67	7.12	6.84
Washington	7.69	7.28	6.71	6.33	4.27	4.61	6.80	5.44	6.43	6.22
Pacific Noncontiguous	**27.29**	**20.68**	**23.09**	**17.44**	**23.89**	**16.30**	**--**	**--**	**24.60**	**18.04**
Alaska	16.54	15.31	13.12	11.95	14.64	11.54	--	--	14.52	12.86
Hawaii	33.27	23.54	30.37	21.36	26.94	18.06	--	--	29.96	20.81
U.S. Total	**11.80**	**11.07**	**10.88**	**10.02**	**7.42**	**6.51**	**11.79**	**10.69**	**10.33**	**9.47**

[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."

Table 5.6.B. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 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	**16.98**	**16.74**	**15.08**	**14.73**	**12.99**	**12.46**	**11.92**	**8.68**	**15.39**	**15.04**
Connecticut	18.80	18.98	15.45	15.62	13.41	12.79	13.74	14.45	16.43	16.48
Maine	15.83	14.77	12.83	13.00	12.07	11.37	--	--	13.70	13.23
Massachusetts	16.81	16.89	15.66	15.15	13.79	13.24	10.99	5.81	15.73	15.37
New Hampshire	15.17	14.91	13.74	13.83	12.66	12.88	--	--	14.11	14.08
Rhode Island	16.70	13.71	14.90	12.58	13.91	12.17	--	--	15.45	12.95
Vermont	14.46	14.04	12.47	12.26	9.00	8.71	--	--	12.26	11.94
Middle Atlantic	**14.36**	**13.56**	**13.54**	**12.67**	**8.30**	**7.96**	**12.30**	**12.04**	**12.77**	**12.05**
New Jersey	14.84	13.49	13.98	12.25	12.47	10.45	15.22	11.82	14.11	12.47
New York	17.79	16.85	15.93	14.99	9.90	9.82	13.43	13.08	15.86	15.04
Pennsylvania	11.14	10.69	9.26	9.15	6.99	6.87	7.59	8.17	9.20	8.98
East North Central	**9.99**	**9.56**	**8.85**	**8.55**	**6.10**	**5.72**	**7.35**	**7.17**	**8.23**	**7.84**
Illinois	10.57	10.19	9.02	8.90	6.62	5.90	6.99	6.82	8.79	8.30
Indiana	8.39	7.92	7.39	7.02	5.23	4.86	9.36	10.11	6.70	6.31
Michigan	10.47	10.24	9.18	9.07	6.67	6.52	12.13	10.79	8.80	8.64
Ohio	9.70	9.21	9.07	8.55	6.07	5.71	10.11	9.46	8.16	7.74
Wisconsin	11.20	10.64	8.97	8.49	6.30	6.06	--	--	8.69	8.28
West North Central	**8.21**	**7.94**	**6.84**	**6.58**	**5.13**	**4.97**	**6.48**	**6.63**	**6.81**	**6.58**
Iowa	9.15	9.14	6.85	6.89	4.60	4.61	NM	8.39	6.58	6.60
Kansas	8.68	8.13	7.38	6.84	5.55	5.11	--	--	7.31	6.76
Minnesota	9.27	8.87	7.58	7.29	5.77	5.64	8.19	7.83	7.49	7.25
Missouri	7.46	7.22	6.26	6.02	4.67	4.57	4.89	5.24	6.42	6.20
Nebraska	7.27	7.05	6.31	6.10	4.88	4.57	--	--	6.20	5.95
North Dakota	7.15	6.90	6.63	6.29	5.44	5.12	--	--	6.48	6.17
South Dakota	7.88	7.72	6.64	6.36	5.22	4.96	--	--	6.87	6.65
South Atlantic	**10.25**	**9.69**	**8.97**	**8.53**	**5.94**	**5.41**	**10.54**	**9.07**	**8.91**	**8.40**
Delaware	13.36	12.74	11.70	11.14	10.03	8.42	--	--	11.90	11.03
District of Columbia	11.34	10.17	13.52	11.86	10.80	9.83	12.65	11.21	13.08	11.52
Florida	11.27	11.13	9.82	9.73	7.92	7.71	9.81	9.81	10.37	10.24
Georgia	9.54	8.80	8.93	7.96	6.27	5.21	6.84	6.29	8.48	7.56
Maryland	13.17	10.40	12.00	11.23	10.21	8.88	12.02	9.53	12.34	10.64
North Carolina	9.36	9.13	7.43	7.23	5.30	5.10	6.45	--	7.77	7.55
South Carolina	9.69	9.09	8.26	7.65	5.08	4.64	--	--	7.54	6.97
Virginia	8.81	8.50	6.62	6.24	5.11	4.89	7.06	6.53	7.25	6.93
West Virginia	6.81	6.38	5.94	5.66	4.06	3.76	6.69	6.88	5.44	5.10
East South Central	**8.64**	**8.14**	**8.44**	**7.93**	**5.29**	**4.99**	**9.15**	**10.15**	**7.23**	**6.84**
Alabama	9.65	9.07	9.19	8.61	5.47	5.11	--	--	7.82	7.33
Kentucky	7.44	7.05	6.92	6.53	4.53	4.36	--	--	5.85	5.63
Mississippi	9.73	9.28	9.44	8.97	6.03	5.73	--	--	8.33	7.95
Tennessee	8.19	7.71	8.45	7.91	5.80	5.33	9.15	10.15	7.48	7.01
West South Central	**11.23**	**11.15**	**9.86**	**9.30**	**7.83**	**7.08**	**8.83**	**8.63**	**9.69**	**9.28**
Arkansas	9.04	8.49	7.45	6.74	5.69	4.97	--	--	7.36	6.68
Louisiana	9.77	9.34	9.66	9.27	7.38	6.86	12.22	14.75	8.82	8.40
Oklahoma	8.70	8.17	7.53	6.83	5.58	5.13	--	--	7.44	6.85
Texas	12.32	12.45	10.52	9.95	8.64	7.86	8.60	8.43	10.59	10.25
Mountain	**9.50**	**8.98**	**8.14**	**7.62**	**5.87**	**5.49**	**7.90**	**7.51**	**7.92**	**7.46**
Arizona	9.95	9.24	8.65	7.90	6.36	5.86	--	--	8.78	8.13
Colorado	9.68	9.31	8.24	7.79	6.22	5.95	7.71	7.39	8.21	7.84
Idaho	6.70	6.01	5.46	4.94	4.22	3.62	--	--	5.47	4.81
Montana	8.87	8.55	8.26	7.98	6.57	5.44	--	--	7.94	7.40
Nevada	12.23	11.40	10.32	10.01	7.87	7.66	9.57	9.67	9.91	9.52
New Mexico	9.49	8.85	8.29	7.51	6.02	5.36	--	--	7.93	7.20
Utah	8.07	7.97	6.62	6.47	4.45	4.40	7.76	7.14	6.31	6.24
Wyoming	7.84	7.59	6.54	6.14	4.36	4.08	--	--	5.56	5.26
Pacific Contiguous	**11.47**	**11.39**	**10.73**	**10.59**	**7.68**	**7.58**	**7.87**	**7.63**	**10.38**	**10.27**
California	14.15	14.33	12.16	12.08	9.64	9.52	7.89	7.66	12.34	12.34
Oregon	8.50	7.72	7.65	7.16	4.94	4.86	6.83	6.62	7.34	6.81
Washington	7.47	7.01	6.74	6.51	4.71	4.64	5.89	5.72	6.62	6.32
Pacific Noncontiguous	**24.46**	**19.25**	**21.02**	**16.43**	**21.63**	**15.45**	**--**	**--**	**22.30**	**17.03**
Alaska	16.04	14.76	12.80	11.75	14.46	11.63	--	--	14.27	12.77
Hawaii	30.55	22.47	27.90	20.33	24.22	16.80	--	--	27.35	19.69
U.S. Total	**10.83**	**10.41**	**9.93**	**9.47**	**6.68**	**6.22**	**10.91**	**10.27**	**9.36**	**8.93**

[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, June 2008
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
New England	**22**	**12**	--	**4**	--	**0**	**27**	**8**	**0**	**9**	**6**
Connecticut	0	20	--	17	--	0	138	18	0	12	13
Maine	0	38	--	12	--	--	35	7	--	25	20
Massachusetts	41	12	--	6	--	0	78	14	0	13	11
New Hampshire	0	38	--	5	--	0	38	36	--	78	8
Rhode Island	--	637	--	6	--	--	1,189	35	--	--	20
Vermont	--	279	--	0	--	0	86	45	--	--	54
Middle Atlantic	**14**	**13**	**161**	**3**	**21**	**0**	**9**	**9**	**0**	**8**	**2**
New Jersey	19	40	--	7	53	0	408	11	0	17	8
New York	28	9	37	6	--	0	9	12	0	13	6
Pennsylvania	14	44	266	10	14	0	48	15	0	9	7
East North Central	**5**	**20**	**20**	**8**	**11**	**0**	**39**	**11**	**0**	**19**	**3**
Illinois	11	96	189	24	77	0	183	12	--	178	10
Indiana	3	19	--	25	11	--	52	29	--	28	7
Michigan	10	20	0	16	0	0	76	15	0	18	9
Ohio	3	37	24	22	33	0	89	24	--	0	4
Wisconsin	12	64	0	33	--	0	65	24	--	21	14
West North Central	**7**	**46**	**0**	**25**	**100**	**0**	**19**	**14**	**0**	**33**	**7**
Iowa	15	58	0	45	--	0	127	29	--	204	15
Kansas	0	125	0	83	--	0	932	1	--	--	23
Minnesota	19	138	0	52	--	0	101	16	--	38	17
Missouri	5	103	--	23	0	0	6	54	0	0	6
Nebraska	14	452	--	42	--	0	83	57	--	--	12
North Dakota	14	101	--	5,515	101	--	0	48	--	--	13
South Dakota	32	1,048	--	228	--	--	0	101	--	0	57
South Atlantic	**4**	**9**	**0**	**6**	**0**	**0**	**17**	**16**	**0**	**8**	**4**
Delaware	13	40	0	19	0	--	--	6	--	0	11
District of Columbia	--	0	--	--	--	--	--	--	--	--	0
Florida	7	8	0	8	0	0	202	25	--	9	6
Georgia	1	40	0	5	--	0	35	40	0	38	4
Maryland	9	22	--	23	0	0	15	9	--	3	7
North Carolina	11	80	--	14	--	0	31	42	0	56	9
South Carolina	11	80	0	17	0	0	51	2	0	30	10
Virginia	25	17	--	9	--	0	43	20	0	11	10
West Virginia	5	22	0	52	0	--	65	0	--	0	5
East South Central	**2**	**49**	**0**	**12**	**84**	**0**	**16**	**25**	**0**	**56**	**7**
Alabama	5	121	--	17	85	0	25	37	--	60	13
Kentucky	4	42	0	16	0	--	30	13	--	0	3
Mississippi	6	51	--	15	326	0	--	36	--	181	13
Tennessee	1	25	--	21	0	0	25	31	0	0	3
West South Central	**1**	**93**	**24**	**7**	**8**	**0**	**9**	**23**	**0**	**23**	**6**
Arkansas	2	24	94	12	--	0	12	29	0	35	8
Louisiana	2	38	35	16	11	0	0	50	--	27	15
Oklahoma	6	229	--	10	557	--	13	93	0	0	9
Texas	0	62	24	7	9	0	44	35	--	11	5
Mountain	**5**	**78**	**0**	**9**	**63**	**0**	**5**	**12**	**0**	**64**	**5**
Arizona	14	166	--	7	--	0	4	73	0	--	8
Colorado	8	493	--	29	0	--	36	49	0	44	14
Idaho	125	1,669	--	353	--	--	9	21	--	35	225
Montana	43	106	0	510	0	--	8	70	--	--	46
Nevada	0	154	--	23	0	--	5	5	--	--	19
New Mexico	1	258	--	45	--	--	103	72	--	--	18
Utah	8	208	--	39	351	--	56	41	--	56	14
Wyoming	9	75	--	109	36	--	87	28	--	43	11
Pacific Contiguous	**10**	**52**	**116**	**15**	**21**	**0**	**3**	**13**	**0**	**22**	**13**
California	30	78	116	16	24	0	9	20	0	23	17
Oregon	0	203	--	38	0	--	4	17	--	93	24
Washington	0	73	--	51	0	0	1	9	0	74	8
Pacific Noncontiguous	**18**	**11**	**--**	**26**	**401**	**--**	**36**	**15**	**--**	**0**	**13**
Alaska	41	43	--	26	--	--	37	278	--	0	27
Hawaii	17	11	--	--	401	--	143	14	--	0	10

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 June 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	**26**	**49**	**--**	**3**	**--**	**0**	**26**	**9**	**0**	**6**	**6**
Connecticut	0	63	--	11	--	0	140	17	0	6	9
Maine	0	31	--	5	--	--	34	7	--	31	14
Massachusetts	47	111	--	5	--	0	78	14	0	6	11
New Hampshire	0	74	--	4	--	0	39	40	--	35	7
Rhode Island	--	840	--	5	--	--	1,162	30	--	--	12
Vermont	--	336	--	0	--	0	88	44	--	--	44
Middle Atlantic	**14**	**82**	**150**	**3**	**31**	**0**	**8**	**7**	**0**	**6**	**2**
New Jersey	25	57	--	6	91	0	370	9	0	9	7
New York	27	96	52	5	--	0	8	13	0	10	5
Pennsylvania	14	70	239	14	19	0	28	10	0	7	8
East North Central	**4**	**19**	**40**	**10**	**19**	**0**	**38**	**9**	**0**	**27**	**2**
Illinois	7	49	94	28	129	0	195	10	--	77	7
Indiana	2	11	--	49	19	--	61	24	--	65	6
Michigan	9	17	0	18	0	0	75	14	0	20	8
Ohio	3	30	26	131	51	0	98	54	--	0	4
Wisconsin	12	115	70	30	--	0	58	17	--	51	11
West North Central	**9**	**57**	**0**	**33**	**152**	**0**	**16**	**9**	**0**	**20**	**9**
Iowa	14	89	0	76	--	0	142	18	--	133	13
Kansas	0	63	0	71	--	0	925	*	--	--	24
Minnesota	42	157	0	58	--	0	86	11	--	22	31
Missouri	5	90	--	26	0	0	5	44	0	0	5
Nebraska	11	733	--	28	--	0	76	36	--	--	12
North Dakota	14	56	--	4,915	156	--	0	32	--	--	14
South Dakota	36	1,636	--	456	--	--	0	31	--	0	61
South Atlantic	**4**	**7**	**0**	**6**	**0**	**0**	**13**	**19**	**0**	**13**	**6**
Delaware	15	60	0	23	0	--	--	4	--	0	14
District of Columbia	--	0	--	--	--	--	--	--	--	--	0
Florida	6	6	0	6	0	0	197	27	--	5	6
Georgia	2	48	0	14	--	0	31	44	0	64	9
Maryland	10	66	--	33	0	0	5	7	--	7	9
North Carolina	10	46	--	45	--	0	26	46	0	111	12
South Carolina	12	33	0	24	0	0	45	6	0	36	14
Virginia	23	30	--	21	--	0	34	20	0	14	14
West Virginia	5	13	0	84	0	--	38	0	--	0	5
East South Central	**2**	**37**	**0**	**22**	**84**	**0**	**15**	**26**	**0**	**65**	**13**
Alabama	4	80	--	39	86	0	23	37	--	35	23
Kentucky	4	47	0	43	0	--	21	10	--	0	4
Mississippi	6	90	--	16	296	0	--	34	--	138	17
Tennessee	2	6	--	76	0	0	27	24	0	0	3
West South Central	**4**	**55**	**20**	**8**	**10**	**0**	**8**	**25**	**0**	**31**	**8**
Arkansas	1	22	70	11	--	0	12	25	0	25	9
Louisiana	3	20	27	12	10	0	0	53	--	36	15
Oklahoma	23	194	--	24	777	--	10	93	0	0	25
Texas	0	51	23	6	12	0	34	35	--	10	6
Mountain	**5**	**52**	**0**	**5**	**65**	**0**	**5**	**8**	**0**	**128**	**5**
Arizona	7	615	--	5	--	0	3	53	0	--	6
Colorado	11	138	--	15	0	--	24	42	0	44	12
Idaho	171	4,920	--	67	--	--	7	8	--	25	43
Montana	35	53	0	442	0	--	10	50	--	--	35
Nevada	0	30	--	12	0	--	3	5	--	--	10
New Mexico	1	106	--	24	--	--	72	62	--	--	16
Utah	8	180	--	24	321	--	38	35	--	121	11
Wyoming	10	60	--	77	40	--	80	11	--	31	11
Pacific Contiguous	**9**	**40**	**115**	**7**	**20**	**0**	**2**	**14**	**0**	**23**	**7**
California	36	33	115	8	23	0	5	23	0	19	12
Oregon	0	436	--	8	0	--	2	13	--	153	9
Washington	0	83	--	32	0	0	1	7	0	34	6
Pacific Noncontiguous	**19**	**10**	**--**	**18**	**360**	**--**	**26**	**12**	**--**	**0**	**11**
Alaska	32	25	--	18	--	--	27	160	--	0	20
Hawaii	32	11	--	--	360	--	78	12	--	0	11

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

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

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

Table A2.A. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, June 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**	**31**	--	**33**	--	--	**84**	**0**	--	--	**19**
Connecticut	--	628	--	0	--	--	486	0	--	--	562
Maine	--	807	--	--	--	--	--	--	--	--	807
Massachusetts	--	157	--	34	--	--	185	--	--	--	104
New Hampshire	0	13	--	0	--	--	71	0	--	--	6
Rhode Island	--	413	--	--	--	--	--	--	--	--	413
Vermont	--	279	--	0	--	--	134	0	--	--	102
Middle Atlantic	**622**	**7**	--	**14**	--	--	**5**	--	**0**	--	**13**
New Jersey	1,056	242	--	867	--	--	--	--	0	--	267
New York	611	6	--	14	--	--	5	--	0	--	13
Pennsylvania	--	780	--	741	--	--	44	--	--	--	436
East North Central	**5**	**19**	**6**	**23**	**0**	**0**	**42**	**17**	**0**	**8**	**5**
Illinois	127	330	239	97	--	--	385	262	--	--	86
Indiana	3	15	--	57	--	--	52	32	--	--	6
Michigan	10	20	0	45	0	0	81	--	0	0	10
Ohio	5	32	--	72	0	--	89	210	--	--	7
Wisconsin	11	56	0	45	--	--	72	11	--	12	17
West North Central	**6**	**46**	**0**	**26**	**0**	**0**	**19**	**19**	**0**	**42**	**7**
Iowa	16	57	0	45	--	--	127	66	--	204	16
Kansas	0	125	0	72	--	0	--	2	--	--	22
Minnesota	17	140	0	85	--	0	129	35	--	53	21
Missouri	5	103	--	28	0	0	6	118	0	0	7
Nebraska	14	452	--	41	--	0	83	58	--	--	12
North Dakota	14	97	--	7,284	--	--	0	362	--	--	13
South Dakota	32	1,048	--	228	--	--	0	341	--	0	57
South Atlantic	**2**	**6**	**0**	**2**	--	**0**	**20**	**3**	**0**	**0**	**2**
Delaware	--	1,456	--	661	--	--	--	--	--	--	687
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	3	5	0	3	--	0	202	15	--	--	2
Georgia	0	28	--	7	--	0	35	--	0	--	2
Maryland	--	313	--	0	--	--	--	--	--	--	313
North Carolina	0	58	--	10	--	0	30	--	0	--	4
South Carolina	11	155	0	9	--	0	52	8	0	--	8
Virginia	19	17	--	0	--	0	42	0	0	--	7
West Virginia	5	24	--	0	--	--	151	0	--	0	5
East South Central	**2**	**12**	--	**21**	**0**	**0**	**16**	**45**	**0**	**0**	**9**
Alabama	3	20	--	46	--	0	25	--	--	--	19
Kentucky	3	20	--	11	0	--	30	45	--	0	3
Mississippi	4	17	--	23	--	0	--	--	--	--	16
Tennessee	0	22	--	0	--	0	26	278	0	--	2
West South Central	**0**	**29**	**0**	**5**	--	**0**	**10**	**2**	**0**	**20**	**3**
Arkansas	0	16	--	35	--	0	12	--	0	--	10
Louisiana	0	23	0	8	--	0	--	--	--	--	5
Oklahoma	0	943	--	4	--	--	13	0	0	--	3
Texas	0	915	0	7	--	--	43	192	--	20	5
Mountain	**4**	**83**	--	**7**	**0**	**0**	**5**	**49**	**0**	--	**5**
Arizona	14	166	--	10	--	0	4	75	0	--	10
Colorado	8	516	--	26	0	--	37	26	0	--	11
Idaho	--	2,345	--	460	--	--	10	--	--	--	1,100
Montana	449	1,827	--	1,207	--	--	7	--	--	--	378
Nevada	0	155	--	7	--	--	5	--	--	--	5
New Mexico	1	240	--	25	--	--	103	--	--	--	12
Utah	7	160	--	15	--	--	56	0	--	--	6
Wyoming	7	44	--	648	--	--	87	202	--	--	11
Pacific Contiguous	**0**	**68**	--	**19**	**0**	**0**	**2**	**8**	**0**	**0**	**16**
California	--	58	--	20	0	0	9	9	0	0	25
Oregon	0	0	--	88	0	--	4	33	--	--	5
Washington	--	439	--	150	--	0	1	24	0	--	72
Pacific Noncontiguous	**2**	**10**	--	**25**	--	--	**37**	**288**	--	**0**	**15**
Alaska	2	43	--	25	--	--	37	292	--	0	29
Hawaii	--	10	--	--	--	--	321	0	--	--	10

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;" 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 A2.B. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, Year-to-Date through June 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**	**110**	--	**32**	--	--	**82**	**0**	--	--	**33**
Connecticut	--	2,271	--	0	--	--	507	0	--	--	566
Maine	--	2,834	--	--	--	--	--	--	--	--	2,834
Massachusetts	--	5,082	--	33	--	--	235	--	--	--	124
New Hampshire	0	87	--	0	--	--	55	0	--	--	7
Rhode Island	--	404	--	--	--	--	--	--	--	--	404
Vermont	--	336	--	0	--	--	137	0	--	--	90
Middle Atlantic	**752**	**105**	--	**11**	--	--	**4**	--	**0**	--	**11**
New Jersey	1,337	345	--	851	--	--	--	--	0	--	500
New York	748	88	--	11	--	--	5	--	0	--	11
Pennsylvania	--	874	--	757	--	--	16	--	--	--	394
East North Central	**4**	**17**	**2**	**18**	**0**	**0**	**41**	**11**	**0**	**6**	**2**
Illinois	62	252	110	76	--	--	417	135	--	--	58
Indiana	2	8	--	84	--	--	61	28	--	--	4
Michigan	9	19	0	35	0	0	79	--	0	0	8
Ohio	4	25	--	213	0	--	98	75	--	--	6
Wisconsin	9	90	0	44	--	--	68	7	--	11	12
West North Central	**9**	**64**	**0**	**40**	**0**	**0**	**16**	**28**	**0**	**22**	**9**
Iowa	14	88	0	74	--	--	143	28	--	133	14
Kansas	0	63	0	69	--	0	--	2	--	--	24
Minnesota	41	406	0	92	--	0	121	58	--	25	35
Missouri	5	89	--	45	0	0	5	102	0	0	6
Nebraska	11	733	--	23	--	0	76	37	--	--	12
North Dakota	14	52	--	7,220	--	--	0	126	--	--	14
South Dakota	36	1,636	--	456	--	--	0	114	--	0	61
South Atlantic	**2**	**4**	**0**	**3**	--	**0**	**18**	**16**	**0**	**0**	**3**
Delaware	--	6,907	--	693	--	--	--	--	--	--	706
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	3	3	0	2	--	0	197	11	--	--	3
Georgia	0	16	--	8	--	0	31	--	0	--	2
Maryland	--	451	--	0	--	--	--	--	--	--	451
North Carolina	0	21	--	57	--	0	26	--	0	--	7
South Carolina	12	44	0	11	--	0	46	37	0	--	9
Virginia	17	47	--	0	--	0	33	0	0	--	9
West Virginia	5	13	--	0	--	--	163	0	--	0	5
East South Central	**2**	**10**	--	**29**	**0**	**0**	**15**	**39**	**0**	**0**	**13**
Alabama	3	18	--	62	--	0	23	--	--	--	24
Kentucky	3	33	--	8	0	--	21	39	--	0	4
Mississippi	4	12	--	19	--	0	--	--	--	--	17
Tennessee	*	5	--	0	--	0	28	243	0	--	2
West South Central	**6**	**12**	**0**	**11**	--	**0**	**9**	**1**	**0**	**9**	**10**
Arkansas	0	5	--	48	--	0	12	--	0	--	12
Louisiana	0	8	0	5	--	0	--	--	--	--	5
Oklahoma	20	338	--	31	--	--	10	0	0	--	28
Texas	0	60	0	7	--	--	33	149	--	9	6
Mountain	**4**	**44**	--	**5**	**0**	**0**	**5**	**36**	**0**	--	**4**
Arizona	6	1,299	--	9	--	0	3	54	0	--	7
Colorado	10	181	--	16	0	--	25	20	0	--	12
Idaho	--	5,173	--	657	--	--	7	--	--	--	834
Montana	437	3,059	--	1,355	--	--	9	--	--	--	345
Nevada	0	31	--	4	--	--	3	--	--	--	4
New Mexico	1	97	--	18	--	--	72	--	--	--	13
Utah	7	91	--	10	--	--	38	0	--	--	6
Wyoming	7	41	--	451	--	--	80	69	--	--	10
Pacific Contiguous	**0**	**79**	--	**15**	**0**	**0**	**2**	**7**	**0**	**0**	**12**
California	--	23	--	16	0	0	5	8	0	0	21
Oregon	0	0	--	1	0	--	2	32	--	--	3
Washington	--	1,883	--	128	--	0	1	22	0	--	58
Pacific Noncontiguous	**4**	**10**	--	**16**	--	--	**27**	**116**	--	**0**	**12**
Alaska	4	24	--	16	--	--	27	119	--	0	22
Hawaii	--	11	--	--	--	--	227	0	--	--	11

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

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

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" 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 A3.A. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, June 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	**28**	**8**	**--**	**4**	**--**	**0**	**30**	**12**	**0**	**10**	**6**
Connecticut	0	17	--	15	--	0	144	18	0	12	12
Maine	0	14	--	1	--	--	43	9	--	27	15
Massachusetts	41	7	--	6	--	0	76	15	0	13	10
New Hampshire	--	123	--	0	--	0	44	60	--	78	16
Rhode Island	--	1,595	--	4	--	--	1,189	35	--	--	45
Vermont	--	0	--	--	--	0	111	145	--	--	91
Middle Atlantic	**13**	**26**	**63**	**3**	**371**	**0**	**39**	**8**	**0**	**8**	**3**
New Jersey	16	58	--	5	0	0	408	11	--	17	6
New York	28	21	37	7	--	0	47	14	--	13	8
Pennsylvania	13	39	273	8	371	0	66	12	0	10	6
East North Central	**4**	**58**	**0**	**9**	**10**	**0**	**151**	**13**	**--**	**73**	**5**
Illinois	5	44	--	17	0	0	152	12	--	252	5
Indiana	4	3,865	--	27	242	--	--	--	--	0	20
Michigan	130	2,231	0	17	0	0	268	20	--	47	20
Ohio	0	128	0	10	0	0	--	148	--	--	1
Wisconsin	1,021	345	--	*	--	0	553	33	--	--	37
West North Central	**0**	**316**	**--**	**25**	**--**	**0**	**240**	**13**	**--**	**62**	**20**
Iowa	--	390	--	6,371	--	0	1,036	35	--	--	107
Kansas	--	--	--	--	--	--	932	0	--	--	8
Minnesota	0	2,516	--	0	--	--	238	16	--	62	13
Missouri	--	--	--	38	--	--	--	0	--	--	37
Nebraska	--	--	--	1,710	--	--	--	234	--	--	434
North Dakota	--	--	--	--	--	--	--	17	--	--	17
South Dakota	--	--	--	--	--	--	--	105	--	--	105
South Atlantic	**17**	**14**	**0**	**18**	**0**	**0**	**35**	**8**	**--**	**8**	**13**
Delaware	11	43	--	18	--	--	--	6	--	--	10
District of Columbia	--	0	--	--	--	--	--	--	--	--	0
Florida	102	162	--	55	0	--	--	5	--	11	42
Georgia	--	5,197	--	3	--	--	501	107	--	0	4
Maryland	9	19	--	22	0	0	15	2	--	0	8
North Carolina	240	2,158	--	3	--	--	138	53	--	77	99
South Carolina	--	0	--	48	--	--	272	--	--	--	49
Virginia	99	42	--	11	--	--	337	7	--	0	29
West Virginia	8	0	0	155	--	--	41	0	--	0	9
East South Central	**9**	**456**	**0**	**1**	**--**	**--**	**0**	**7**	**--**	**96**	**2**
Alabama	0	1,921	--	2	--	--	--	0	--	250	4
Kentucky	15	472	0	0	--	--	0	--	--	--	9
Mississippi	0	--	--	0	--	--	--	--	--	102	*
Tennessee	--	--	--	0	--	--	--	59	--	--	52
West South Central	**0**	**5**	**0**	**3**	**0**	**0**	**12**	**12**	**--**	**0**	**2**
Arkansas	--	0	--	0	--	--	0	68	--	--	1
Louisiana	0	16	--	1	0	--	0	47	--	--	1
Oklahoma	0	0	--	16	--	--	--	3	--	--	14
Texas	0	4	0	3	0	0	479	14	--	0	2
Mountain	**40**	**202**	**0**	**16**	**0**	**--**	**21**	**18**	**--**	**185**	**19**
Arizona	--	--	--	8	--	--	--	--	--	--	8
Colorado	146	1,718	--	43	--	--	131	49	--	--	48
Idaho	--	--	--	201	--	--	37	49	--	--	80
Montana	36	46	0	735	0	--	25	13	--	--	44
Nevada	--	0	--	56	0	--	--	5	--	--	55
New Mexico	--	2,417	--	446	--	--	--	72	--	--	567
Utah	281	414	--	305	--	--	504	130	--	185	324
Wyoming	168	1,573	--	1,187	--	--	--	28	--	--	163
Pacific Contiguous	**17**	**66**	**121**	**16**	**42**	**--**	**39**	**7**	**--**	**29**	**14**
California	47	127	121	17	366	--	47	7	--	31	17
Oregon	--	--	--	24	--	--	85	41	--	93	28
Washington	0	*	--	104	0	--	119	7	--	74	59
Pacific Noncontiguous	**21**	**38**	**--**	**--**	**--**	**--**	**283**	**23**	**--**	**0**	**23**
Alaska	104	--	--	--	--	--	--	--	--	--	104
Hawaii	17	38	--	--	--	--	283	23	--	0	22

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

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

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" 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 A3.B. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, Year-to-Date through June 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	**32**	**82**	**--**	**2**	**--**	**0**	**31**	**15**	**0**	**5**	**6**
Connecticut	0	60	--	9	--	0	146	17	0	6	9
Maine	0	15	--	1	--	--	43	9	--	15	13
Massachusetts	47	160	--	5	--	0	71	14	0	6	12
New Hampshire	--	126	--	0	--	0	49	74	--	35	13
Rhode Island	--	2,453	--	2	--	--	1,162	30	--	--	17
Vermont	--	0	--	--	--	0	118	218	--	--	97
Middle Atlantic	**13**	**87**	**78**	**3**	**264**	**0**	**35**	**7**	**0**	**4**	**3**
New Jersey	21	68	--	4	0	0	370	9	--	8	6
New York	26	108	52	7	--	0	44	14	--	6	7
Pennsylvania	13	64	281	13	264	0	52	8	0	8	8
East North Central	**4**	**40**	**0**	**15**	**9**	**0**	**161**	**12**	**--**	**56**	**5**
Illinois	5	27	--	23	0	0	160	10	--	170	5
Indiana	7	2,912	--	93	101	--	--	--	--	0	37
Michigan	98	788	0	22	0	0	294	21	--	50	21
Ohio	0	114	0	73	0	0	--	107	--	--	1
Wisconsin	1,203	1,185	--	1	--	0	547	20	--	--	42
West North Central	**0**	**467**	**--**	**20**	**--**	**0**	**214**	**8**	**--**	**28**	**17**
Iowa	--	487	--	8,483	--	0	1,043	24	--	--	50
Kansas	--	--	--	--	--	--	925	0	--	--	6
Minnesota	0	13,126	--	0	--	--	207	9	--	28	8
Missouri	--	--	--	27	--	--	--	0	--	--	26
Nebraska	--	--	--	1,517	--	--	--	191	--	--	338
North Dakota	--	--	--	--	--	--	--	6	--	--	6
South Dakota	--	--	--	--	--	--	--	32	--	--	32
South Atlantic	**17**	**49**	**0**	**25**	**0**	**0**	**17**	**8**	**--**	**6**	**19**
Delaware	13	112	--	27	--	--	--	4	--	--	16
District of Columbia	--	0	--	--	--	--	--	--	--	--	0
Florida	75	496	--	32	0	--	--	5	--	5	32
Georgia	--	34	--	7	--	--	327	92	--	0	9
Maryland	11	64	--	34	0	0	5	2	--	0	10
North Carolina	221	1,159	--	4	--	--	133	74	--	125	109
South Carolina	--	0	--	118	--	--	222	--	--	--	124
Virginia	85	69	--	34	--	--	330	6	--	0	36
West Virginia	8	0	0	34	--	--	21	0	--	0	9
East South Central	**7**	**118**	**0**	**2**	**--**	**--**	**0**	**6**	**--**	**50**	**4**
Alabama	0	10	--	6	--	--	--	0	--	250	6
Kentucky	12	131	0	0	--	--	0	--	--	--	9
Mississippi	0	--	--	0	--	--	--	--	--	51	*
Tennessee	--	--	--	0	--	--	--	46	--	--	45
West South Central	**0**	**2**	**0**	**2**	**0**	**0**	**11**	**11**	**--**	**0**	**2**
Arkansas	--	0	--	0	--	--	0	57	--	--	1
Louisiana	0	3	--	*	0	--	0	40	--	--	*
Oklahoma	0	0	--	12	--	--	--	3	--	--	11
Texas	0	2	0	2	0	0	507	13	--	0	2
Mountain	**33**	**155**	**0**	**10**	**0**	**--**	**19**	**15**	**--**	**230**	**16**
Arizona	--	--	--	5	--	--	--	--	--	--	5
Colorado	180	1,120	--	23	--	--	92	42	--	--	50
Idaho	--	--	--	49	--	--	21	18	--	--	40
Montana	29	24	0	720	0	--	25	4	--	--	33
Nevada	--	0	--	27	0	--	--	5	--	--	26
New Mexico	--	2,112	--	205	--	--	--	62	--	--	334
Utah	259	353	--	255	--	--	354	106	--	230	280
Wyoming	159	2,964	--	1,509	--	--	--	11	--	--	152
Pacific Contiguous	**10**	**37**	**119**	**8**	**43**	**--**	**28**	**6**	**--**	**26**	**9**
California	52	42	119	9	330	--	34	6	--	21	13
Oregon	--	--	--	5	--	--	57	30	--	153	9
Washington	0	*	--	50	0	--	83	8	--	34	23
Pacific Noncontiguous	**37**	**29**	**--**	**--**	**--**	**--**	**129**	**20**	**--**	**0**	**32**
Alaska	139	--	--	--	--	--	--	--	--	--	139
Hawaii	32	29	--	--	--	--	129	20	--	0	31

* = 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 2008 are preliminary.

Sources: Energy Information Administration, Form EIA-906, "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.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, June 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	--	**277**	--	**43**	--	--	**0**	**40**	--	**67**	**39**
Connecticut	--	2,837	--	331	--	--	--	--	--	--	402
Maine	--	934	--	2,007	--	--	--	48	--	67	125
Massachusetts	--	345	--	33	--	--	0	66	--	--	43
New Hampshire	--	223	--	--	--	--	--	--	--	--	223
Rhode Island	--	235	--	273	--	--	--	--	--	--	214
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**156**	**115**	--	**70**	--	--	**0**	**21**	--	**31**	**44**
New Jersey	--	1,406	--	209	--	--	--	0	--	--	272
New York	0	113	--	59	--	--	0	40	--	58	42
Pennsylvania	308	550	--	176	--	--	--	0	--	0	102
East North Central	**39**	**267**	--	**53**	--	--	**0**	**19**	--	**21**	**28**
Illinois	0	2,146	--	41	--	--	--	729	--	--	40
Indiana	60	821	--	610	--	--	--	65	--	96	51
Michigan	0	326	--	300	--	--	--	15	--	9	10
Ohio	290	--	--	0	--	--	--	--	--	--	290
Wisconsin	446	3,275	--	236	--	--	0	190	--	276	162
West North Central	**66**	**404**	**0**	**216**	--	--	--	**56**	--	**100**	**58**
Iowa	97	1,542	0	742	--	--	--	70	--	--	89
Kansas	--	357	--	0	--	--	--	--	--	--	357
Minnesota	--	455	--	238	--	--	--	117	--	125	165
Missouri	41	1,024	--	0	--	--	--	--	--	0	41
Nebraska	--	--	--	9,680	--	--	--	148	--	--	165
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**81**	**647**	--	**668**	**0**	--	**64**	**25**	--	**28**	**89**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	14,996	--	708	--	--	--	81	--	--	1,097
Georgia	--	911	--	--	--	--	--	--	--	--	911
Maryland	--	2,100	--	441	0	--	--	102	--	59	205
North Carolina	0	3,832	--	0	--	--	64	--	--	--	6
South Carolina	--	1,170	--	452	--	--	0	63	--	89	219
Virginia	523	0	--	--	--	--	--	19	--	27	434
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**461**	--	--	**360**	--	--	--	--	--	--	**483**
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	5,741	--	--	--	--	--	--	5,741
Tennessee	461	--	--	248	--	--	--	--	--	--	429
West South Central	--	**944**	--	**186**	--	--	--	**77**	--	--	**261**
Arkansas	--	--	--	3,159	--	--	--	224	--	--	763
Louisiana	--	--	--	938	--	--	--	--	--	--	938
Oklahoma	--	2,666	--	1,328	--	--	--	--	--	--	1,459
Texas	--	1,025	--	167	--	--	--	82	--	--	269
Mountain	--	**54**	--	**719**	**0**	--	--	**136**	--	--	**688**
Arizona	--	633	--	914	--	--	--	229	--	--	1,468
Colorado	--	0	--	0	--	--	--	--	--	--	0
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	1,497	--	--	--	--	--	--	1,497
Utah	--	--	--	1,751	0	--	--	169	--	--	1,141
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	**1,107**	--	**124**	**345**	--	**4**	**27**	--	**0**	**118**
California	--	1,365	--	132	345	--	116	27	--	0	222
Oregon	--	88	--	606	--	--	--	--	--	--	694
Washington	--	2,893	--	352	--	--	0	--	--	--	165
Pacific Noncontiguous	**68**	**397**	--	--	--	--	--	**0**	--	**0**	**30**
Alaska	68	420	--	--	--	--	--	0	--	--	68
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 A4.B. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, Year-to-Date through June 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	--	**224**	--	**33**	--	--	**74**	**33**	--	**112**	**30**
Connecticut	--	2,294	--	277	--	--	--	--	--	--	308
Maine	--	812	--	2,039	--	--	--	40	--	112	91
Massachusetts	--	273	--	25	--	--	74	53	--	--	29
New Hampshire	--	220	--	--	--	--	--	--	--	--	220
Rhode Island	--	232	--	226	--	--	--	--	--	--	198
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	**191**	**59**	--	**55**	--	--	**75**	**18**	--	**48**	**32**
New Jersey	--	1,245	--	167	--	--	--	0	--	--	195
New York	0	56	--	47	--	--	75	34	--	94	34
Pennsylvania	431	321	--	141	--	--	--	0	--	0	68
East North Central	**56**	**85**	--	**37**	--	--	**110**	**16**	--	**39**	**35**
Illinois	0	498	--	27	--	--	--	567	--	--	24
Indiana	95	1,007	--	531	--	--	--	53	--	122	78
Michigan	0	95	--	128	--	--	--	11	--	13	7
Ohio	406	--	--	0	--	--	--	--	--	--	406
Wisconsin	560	2,471	--	339	--	--	110	127	--	292	198
West North Central	**103**	**525**	**0**	**180**	--	--	--	**46**	--	**164**	**81**
Iowa	139	1,200	0	611	--	--	--	58	--	--	125
Kansas	--	864	--	0	--	--	--	--	--	--	864
Minnesota	--	573	--	204	--	--	--	96	--	211	131
Missouri	83	2,319	--	0	--	--	--	--	--	0	76
Nebraska	--	--	--	7,166	--	--	--	122	--	--	152
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**68**	**629**	--	**324**	**0**	--	**42**	**19**	--	**39**	**67**
Delaware	--	--	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	--	3,272	--	344	--	--	--	67	--	--	1,726
Georgia	--	1,393	--	--	--	--	--	--	--	--	1,393
Maryland	--	2,391	--	409	0	--	--	75	--	134	122
North Carolina	0	1,871	--	0	--	--	41	--	--	--	8
South Carolina	--	1,052	--	3,854	--	--	118	52	--	136	333
Virginia	449	0	--	--	--	--	--	15	--	36	363
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	**589**	--	--	**216**	--	--	--	--	--	--	**490**
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	1,210	--	--	--	--	--	--	1,210
Tennessee	589	--	--	204	--	--	--	--	--	--	487
West South Central	--	**830**	--	**70**	--	--	--	**64**	--	--	**281**
Arkansas	--	--	--	2,702	--	--	--	182	--	--	409
Louisiana	--	--	--	424	--	--	--	--	--	--	424
Oklahoma	--	2,696	--	433	--	--	--	--	--	--	767
Texas	--	919	--	64	--	--	--	68	--	--	341
Mountain	--	**67**	--	**269**	**0**	--	--	**112**	--	--	**306**
Arizona	--	648	--	370	--	--	--	190	--	--	989
Colorado	--	0	--	0	--	--	--	--	--	--	0
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	481	--	--	--	--	--	--	481
Utah	--	--	--	691	0	--	--	139	--	--	453
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	**851**	--	**58**	**345**	--	**14**	**23**	--	**0**	**74**
California	--	948	--	60	345	--	50	23	--	0	171
Oregon	--	122	--	270	--	--	--	--	--	--	392
Washington	--	5,844	--	317	--	--	0	--	--	--	148
Pacific Noncontiguous	**26**	**368**	--	--	--	--	--	**0**	--	**0**	**16**
Alaska	26	437	--	--	--	--	--	0	--	--	27
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, June 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	**123**	**61**	**--**	**54**	**--**	**--**	**7**	**10**	**--**	**20**	**38**
Connecticut	--	157	--	133	--	--	--	--	--	85	118
Maine	0	49	--	38	--	--	6	10	--	0	29
Massachusetts	256	173	--	334	--	--	0	--	--	0	248
New Hampshire	--	202	--	197	--	--	262	407	--	--	161
Rhode Island	--	0	--	--	--	--	--	--	--	--	0
Vermont	--	--	--	--	--	--	103	1,401	--	--	219
Middle Atlantic	**62**	**236**	**288**	**91**	**20**	**--**	**23**	**30**	**--**	**36**	**59**
New Jersey	--	1,163	--	156	53	--	--	201	--	36	134
New York	0	18	--	82	--	--	23	0	--	--	22
Pennsylvania	95	290	288	136	14	--	--	46	--	--	79
East North Central	**47**	**83**	**66**	**98**	**12**	**--**	**33**	**19**	**--**	**8**	**49**
Illinois	92	1,697	22	193	90	--	--	0	--	0	107
Indiana	147	328	--	104	11	--	--	91	--	0	314
Michigan	71	85	0	144	--	--	94	29	--	18	43
Ohio	133	418	635	340	54	--	--	21	--	0	74
Wisconsin	31	170	0	303	--	--	35	35	--	0	115
West North Central	**69**	**1,976**	**--**	**329**	**101**	**--**	**17**	**22**	**--**	**50**	**59**
Iowa	38	1,209	--	0	--	--	--	0	--	--	38
Kansas	--	--	--	603	--	--	--	--	--	--	603
Minnesota	162	2,174	--	304	--	--	17	23	--	50	84
Missouri	143	65	--	733	--	--	--	131	--	--	135
Nebraska	165	--	--	--	--	--	--	--	--	--	165
North Dakota	205	567	--	656	101	--	--	82	--	--	127
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**78**	**71**	**0**	**59**	**0**	**--**	**6**	**22**	**--**	**17**	**31**
Delaware	117	82	0	99	0	--	--	--	--	0	32
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	443	207	--	91	0	--	--	47	--	5	61
Georgia	62	50	0	75	--	--	117	40	--	38	40
Maryland	0	191	--	220	--	--	--	0	--	--	38
North Carolina	275	118	--	693	--	--	0	50	--	20	112
South Carolina	120	0	--	0	0	--	--	0	--	0	46
Virginia	143	147	--	127	--	--	204	31	--	--	76
West Virginia	42	--	--	688	0	--	0	0	--	--	38
East South Central	**80**	**288**	**--**	**104**	**86**	**--**	**0**	**26**	**--**	**89**	**72**
Alabama	291	253	--	105	85	--	--	38	--	58	103
Kentucky	--	--	--	163	--	--	--	12	--	--	37
Mississippi	355	1,333	--	402	326	--	--	36	--	242	397
Tennessee	38	380	--	150	0	--	0	34	--	0	25
West South Central	**277**	**174**	**192**	**24**	**14**	**--**	**--**	**34**	**--**	**25**	**41**
Arkansas	261	133	94	118	--	--	--	29	--	35	72
Louisiana	284	152	380	30	16	--	--	51	--	27	57
Oklahoma	331	243	--	248	557	--	--	155	--	0	195
Texas	0	193	175	30	18	--	--	66	--	14	45
Mountain	**50**	**1,185**	**--**	**233**	**63**	**--**	**--**	**22**	**--**	**12**	**91**
Arizona	162	1,951	--	2,107	--	--	--	--	--	--	184
Colorado	--	13,473	--	1,308	--	--	--	--	--	44	1,197
Idaho	125	80	--	83	--	--	--	0	--	35	23
Montana	--	18	--	329	--	--	--	128	--	--	143
Nevada	--	--	--	1,395	--	--	--	--	--	--	1,395
New Mexico	--	7,421	--	12,279	--	--	--	--	--	--	12,237
Utah	0	--	--	527	351	--	--	--	--	0	43
Wyoming	71	626	--	58	36	--	--	--	--	43	58
Pacific Contiguous	**35**	**131**	**222**	**59**	**23**	**--**	**355**	**49**	**--**	**10**	**46**
California	37	515	222	61	23	--	--	162	--	10	55
Oregon	--	488	--	215	--	--	--	32	--	--	178
Washington	0	125	--	0	--	--	355	24	--	--	21
Pacific Noncontiguous	**--**	**135**	**--**	**157**	**401**	**--**	**82**	**83**	**--**	**--**	**124**
Alaska	--	199	--	157	--	--	--	193	--	--	153
Hawaii	--	171	--	--	401	--	82	99	--	--	159

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 June 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	**177**	**49**	**--**	**35**	**--**	**--**	**4**	**11**	**--**	**14**	**25**
Connecticut	--	153	--	111	--	--	--	--	--	73	102
Maine	0	33	--	17	--	--	3	9	--	0	18
Massachusetts	352	201	--	299	--	--	88	--	--	0	243
New Hampshire	--	204	--	158	--	--	73	264	--	--	131
Rhode Island	--	0	--	--	--	--	--	--	--	--	0
Vermont	--	--	--	--	--	--	40	302	--	--	124
Middle Atlantic	**80**	**266**	**279**	**79**	**30**	**--**	**10**	**26**	**--**	**36**	**57**
New Jersey	--	894	--	137	91	--	--	157	--	36	120
New York	0	9	--	67	--	--	10	0	--	--	18
Pennsylvania	112	383	279	120	19	--	--	35	--	--	78
East North Central	**67**	**65**	**197**	**77**	**21**	**--**	**14**	**19**	**--**	**7**	**49**
Illinois	100	6,551	16	177	133	--	--	0	--	0	106
Indiana	201	135	--	83	18	--	--	76	--	0	150
Michigan	94	38	0	105	--	--	36	22	--	18	51
Ohio	199	119	760	264	85	--	--	71	--	0	108
Wisconsin	112	681	219	212	--	--	14	28	--	43	97
West North Central	**68**	**3,198**	**--**	**174**	**156**	**--**	**18**	**19**	**--**	**44**	**54**
Iowa	47	3,120	--	0	--	--	--	0	--	--	46
Kansas	--	--	--	320	--	--	--	--	--	--	320
Minnesota	175	3,304	--	195	--	--	18	19	--	44	86
Missouri	194	30	--	756	--	--	--	106	--	--	181
Nebraska	878	--	--	--	--	--	--	--	--	--	878
North Dakota	242	539	--	490	156	--	--	63	--	--	171
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	**84**	**56**	**0**	**61**	**0**	**--**	**7**	**25**	**--**	**36**	**47**
Delaware	157	33	0	35	0	--	--	--	--	0	57
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	394	155	--	61	0	--	--	47	--	4	63
Georgia	96	85	0	127	--	--	38	45	--	63	94
Maryland	0	154	--	125	--	--	--	0	--	--	30
North Carolina	234	112	--	359	--	--	20	49	--	14	102
South Carolina	102	0	--	0	0	--	--	0	--	0	41
Virginia	124	68	--	130	--	--	61	31	--	--	71
West Virginia	60	--	--	606	0	--	0	0	--	--	50
East South Central	**77**	**189**	**--**	**84**	**87**	**--**	**18**	**27**	**--**	**83**	**67**
Alabama	269	182	--	81	86	--	--	39	--	36	81
Kentucky	--	--	--	127	--	--	--	9	--	--	26
Mississippi	256	736	--	296	296	--	--	34	--	213	385
Tennessee	50	106	--	201	0	--	18	27	--	0	30
West South Central	**255**	**133**	**178**	**20**	**20**	**--**	**--**	**36**	**--**	**32**	**45**
Arkansas	226	84	70	66	--	--	--	26	--	25	77
Louisiana	295	142	503	22	29	--	--	54	--	36	62
Oklahoma	298	203	--	233	777	--	--	150	--	0	196
Texas	0	176	167	23	22	--	--	63	--	12	65
Mountain	**56**	**992**	**--**	**116**	**72**	**--**	**--**	**15**	**--**	**10**	**69**
Arizona	208	1,577	--	1,611	--	--	--	--	--	--	221
Colorado	--	5,906	--	526	--	--	--	--	--	44	4,855
Idaho	171	111	--	90	--	--	--	0	--	25	31
Montana	--	9	--	247	--	--	--	100	--	--	109
Nevada	--	--	--	306	--	--	--	--	--	--	306
New Mexico	--	7,424	--	1,838	--	--	--	--	--	--	2,116
Utah	0	--	--	262	321	--	--	--	--	0	22
Wyoming	98	553	--	51	40	--	--	--	--	31	49
Pacific Contiguous	**46**	**80**	**222**	**29**	**22**	**--**	**139**	**46**	**--**	**9**	**36**
California	48	527	222	30	22	--	--	178	--	9	41
Oregon	--	458	--	101	--	--	--	21	--	--	97
Washington	0	59	--	0	--	--	139	17	--	--	15
Pacific Noncontiguous	**--**	**113**	**--**	**119**	**360**	**--**	**31**	**67**	**--**	**--**	**110**
Alaska	--	202	--	119	--	--	--	151	--	--	139
Hawaii	--	151	--	--	360	--	31	78	--	--	158

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, June 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	**1**	*****	**2**	**0**	**1**
Connecticut	*	*	3	0	1
Maine	2	2	3	0	2
Massachusetts	1	*	6	0	2
New Hampshire	1	*	4	0	1
Rhode Island	0	0	0	0	0
Vermont	3	1	7	0	4
Middle Atlantic	*****	*****	**1**	*****	*****
New Jersey	*	*	2	7	*
New York	*	*	3	*	1
Pennsylvania	*	*	0	0	*
East North Central	*****	*****	**1**	**0**	**1**
Illinois	1	*	2	0	1
Indiana	1	*	2	0	1
Michigan	1	*	2	0	1
Ohio	1	*	1	0	1
Wisconsin	1	*	3	0	2
West North Central	**1**	**1**	**2**	**16**	**1**
Iowa	2	1	3	1,096	3
Kansas	3	3	6	0	2
Minnesota	2	1	3	0	2
Missouri	1	*	4	0	2
Nebraska	1	3	3	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	5	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	4	0	1
Georgia	2	2	3	0	1
Maryland	1	*	3	0	1
North Carolina	1	2	2	0	1
South Carolina	2	2	2	0	1
Virginia	1	1	3	0	1
West Virginia	*	*	0	0	*
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	3	2	0	1
Kentucky	1	1	2	0	2
Mississippi	3	4	5	0	2
Tennessee	1	1	3	0	2
West South Central	**1**	**2**	**1**	**0**	**1**
Arkansas	2	4	4	0	2
Louisiana	2	2	2	0	2
Oklahoma	2	3	4	0	2
Texas	1	2	1	0	1
Mountain	*****	*****	**1**	**0**	**1**
Arizona	*	*	1	0	1
Colorado	1	*	2	0	2
Idaho	1	2	1	0	1
Montana	2	3	4	0	2
Nevada	*	*	0	0	1
New Mexico	1	1	2	0	2
Utah	1	1	1	0	2
Wyoming	2	2	1	0	1
Pacific Contiguous	*****	*****	**1**	**0**	*****
California	*	*	1	0	*
Oregon	1	2	3	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	**1**	**2**	**2**	**0**	**1**
Alaska	2	4	6	0	3
Hawaii	0	0	0	0	0

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

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

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

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

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	**1**	*****	**2**	**0**	**1**
Connecticut	1	*	3	0	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	1	*
New York	1	*	2	*	*
Pennsylvania	*	*	0	0	*
East North Central	**1**	*****	**1**	*****	*****
Illinois	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	4,446	2
Kansas	3	3	6	0	3
Minnesota	2	1	3	0	2
Missouri	2	1	3	0	2
Nebraska	2	2	5	0	2
North Dakota	2	2	9	0	3
South Dakota	2	3	5	0	3
South Atlantic	**1**	**1**	**2**	**0**	**1**
Delaware	2	1	5	0	2
District of Columbia	0	0	0	0	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	2	2	0	2
Kentucky	2	1	1	0	1
Mississippi	3	4	5	0	3
Tennessee	2	1	2	0	2
West South Central	**2**	**2**	**1**	**0**	**1**
Arkansas	3	3	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	*****	*****	**1**	**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	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. • 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, June 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*	*	2	0	*
Connecticut	*	*	2	0	*
Maine	1	1	2	0	1
Massachusetts	*	*	4	0	1
New Hampshire	*	*	3	0	1
Rhode Island	0	0	0	0	0
Vermont	2	1	8	0	3
Middle Atlantic	*	*	1	*	*
New Jersey	*	*	1	1	*
New York	*	*	1	*	*
Pennsylvania	*	*	1	0	*
East North Central	*	*	1	0	*
Illinois	*	*	2	0	1
Indiana	1	1	2	0	1
Michigan	*	*	2	0	1
Ohio	*	*	2	0	1
Wisconsin	1	1	3	0	1
West North Central	1	1	2	18	1
Iowa	1	1	4	1,104	2
Kansas	5	4	7	0	4
Minnesota	1	1	3	0	2
Missouri	1	1	4	0	2
Nebraska	2	3	4	0	2
North Dakota	3	3	8	0	3
South Dakota	3	4	4	0	3
South Atlantic	1	1	2	0	1
Delaware	1	1	4	0	2
District of Columbia	0	0	0	0	0
Florida	1	2	4	0	1
Georgia	2	2	3	0	2
Maryland	*	*	2	0	1
North Carolina	3	3	3	0	2
South Carolina	3	3	3	0	2
Virginia	2	2	4	0	2
West Virginia	*	*	*	0	1
East South Central	1	1	2	0	1
Alabama	2	3	2	0	2
Kentucky	1	1	3	0	2
Mississippi	4	4	5	0	3
Tennessee	1	1	3	0	2
West South Central	2	2	1	0	1
Arkansas	4	4	4	0	3
Louisiana	4	3	3	0	3
Oklahoma	3	3	4	0	2
Texas	2	2	1	0	1
Mountain	*	*	1	0	*
Arizona	*	*	1	0	*
Colorado	1	1	2	0	1
Idaho	1	2	1	0	1
Montana	2	2	4	0	2
Nevada	*	*	*	0	*
New Mexico	2	1	3	0	2
Utah	2	1	1	0	1
Wyoming	3	3	2	0	2
Pacific Contiguous	*	*	1	0	*
California	*	*	1	0	*
Oregon	1	2	3	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	1	1	1	0	1
Alaska	4	5	4	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 June 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	**1**	*****	**2**	**0**	**1**
Connecticut	*	*	2	0	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	6	0	4
Middle Atlantic	*****	*****	**1**	*****	*****
New Jersey	*	*	1	*	*
New York	*	*	1	*	*
Pennsylvania	1	*	*	0	*
East North Central	**1**	*****	**1**	*****	**1**
Illinois	1	1	2	*	1
Indiana	2	1	2	0	2
Michigan	1	1	1	0	1
Ohio	1	1	1	0	1
Wisconsin	2	1	2	0	2
West North Central	**1**	**1**	**2**	**40**	**1**
Iowa	4	3	4	2,486	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	10	0	3
South Dakota	3	3	6	0	3
South Atlantic	**1**	**1**	**2**	**0**	**1**
Delaware	2	1	4	0	2
District of Columbia	0	0	0	0	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	2	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	4	5	0	3
Louisiana	5	4	3	0	3
Oklahoma	3	4	5	0	3
Texas	2	2	2	0	1
Mountain	**1**	*****	**1**	**0**	**1**
Arizona	1	1	1	0	1
Colorado	2	1	3	0	2
Idaho	1	2	3	0	2
Montana	2	2	5	0	2
Nevada	1	1	*	0	1
New Mexico	3	2	3	0	2
Utah	3	2	1	0	2
Wyoming	3	2	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	3	4	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, June 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	*****	*****	**1**	**0**	*****
Connecticut	*	*	*	0	*
Maine	4	2	1	0	2
Massachusetts	*	*	*	0	*
New Hampshire	*	*	*	0	*
Rhode Island	0	0	0	0	0
Vermont	1	*	*	0	*
Middle Atlantic	*****	*****	*****	*****	*****
New Jersey	*	*	*	1	*
New York	1	*	*	*	*
Pennsylvania	*	*	*	0	*
East North Central	**1**	*****	**1**	**0**	*****
Illinois	*	*	*	0	*
Indiana	*	*	*	0	*
Michigan	*	*	1	0	*
Ohio	*	*	*	0	*
Wisconsin	*	*	*	0	*
West North Central	**1**	**1**	**3**	**3**	**2**
Iowa	*	*	*	166	*
Kansas	6	6	17	0	9
Minnesota	2	1	3	0	*
Missouri	1	1	*	0	1
Nebraska	4	3	3	0	3
North Dakota	2	10	14	0	4
South Dakota	1	3	5	0	1
South Atlantic	**1**	**2**	**3**	**0**	**1**
Delaware	1	1	*	0	*
District of Columbia	0	0	0	0	0
Florida	*	*	1	0	*
Georgia	1	2	1	0	1
Maryland	*	*	*	0	*
North Carolina	3	1	*	0	1
South Carolina	2	4	15	0	3
Virginia	3	8	4	0	4
West Virginia	*	*	*	0	*
East South Central	**1**	**1**	**3**	**0**	**2**
Alabama	2	4	5	0	2
Kentucky	2	1	9	0	8
Mississippi	2	*	7	0	3
Tennessee	1	1	3	0	1
West South Central	**3**	**2**	*****	**0**	**2**
Arkansas	3	2	2	0	1
Louisiana	5	1	2	0	3
Oklahoma	2	1	2	0	1
Texas	6	4	1	0	4
Mountain	*****	*****	**1**	**0**	*****
Arizona	1	1	2	0	1
Colorado	2	1	5	0	1
Idaho	1	2	1	0	2
Montana	1	2	2	0	1
Nevada	*	*	*	0	*
New Mexico	1	2	4	0	2
Utah	1	1	1	0	1
Wyoming	1	1	3	0	2
Pacific Contiguous	*****	*****	**1**	**0**	**1**
California	*	*	1	0	1
Oregon	1	1	4	0	1
Washington	2	1	6	0	2
Pacific Noncontiguous	**1**	**1**	**1**	**0**	*****
Alaska	2	2	3	0	2
Hawaii	0	0	0	0	0

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

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

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

Table 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 June 2008
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation	All Sectors
New England	**1**	**1**	**3**	**0**	**1**
Connecticut	*	*	*	0	*
Maine	4	3	3	0	2
Massachusetts	*	*	*	0	*
New Hampshire	2	1	12	0	2
Rhode Island	0	0	0	0	0
Vermont	1	1	1	0	*
Middle Atlantic	**2**	**1**	*****	*****	**2**
New Jersey	*	*	*	1	*
New York	3	1	1	*	3
Pennsylvania	*	*	*	0	*
East North Central	**1**	**1**	**1**	**1**	**1**
Illinois	3	9	16	*	7
Indiana	*	*	*	0	*
Michigan	*	*	2	0	*
Ohio	*	*	*	0	*
Wisconsin	2	*	*	0	1
West North Central	**3**	**3**	**7**	**8**	**4**
Iowa	*	*	*	488	*
Kansas	14	14	48	0	24
Minnesota	4	3	4	0	1
Missouri	6	2	*	0	4
Nebraska	12	6	8	0	7
North Dakota	6	20	33	0	10
South Dakota	3	6	11	0	4
South Atlantic	**3**	**5**	**6**	**0**	**2**
Delaware	4	3	*	0	3
District of Columbia	0	0	0	0	0
Florida	4	2	4	0	3
Georgia	9	3	2	0	5
Maryland	*	*	*	0	*
North Carolina	5	2	1	0	2
South Carolina	7	12	36	0	5
Virginia	14	20	9	0	11
West Virginia	*	*	*	0	*
East South Central	**3**	**3**	**5**	**0**	**4**
Alabama	6	10	11	0	4
Kentucky	9	4	15	0	16
Mississippi	5	3	16	0	11
Tennessee	5	2	6	0	3
West South Central	**5**	**3**	**2**	**0**	**3**
Arkansas	8	4	5	0	6
Louisiana	9	4	9	0	6
Oklahoma	6	2	4	0	3
Texas	12	6	4	0	6
Mountain	**2**	**1**	**2**	**0**	**1**
Arizona	5	3	5	0	3
Colorado	7	2	10	0	4
Idaho	2	3	4	0	3
Montana	3	4	4	0	2
Nevada	2	2	1	0	1
New Mexico	6	4	7	0	4
Utah	4	2	2	0	2
Wyoming	7	6	9	0	5
Pacific Contiguous	**2**	**1**	**4**	**0**	**2**
California	1	1	2	0	2
Oregon	5	1	6	0	2
Washington	5	2	19	0	7
Pacific Noncontiguous	**2**	**1**	**3**	**0**	**1**
Alaska	6	3	12	0	4
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 June 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 June 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 (ERCOT)	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	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	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	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 June 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 (ERCOT)	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 (ERCOT)	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

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)).

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, June 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	**22.41**	**6.32**	**--**	**1.03**
Connecticut	18.69	6.28	--	1.01
Maine	26.08	6.21	--	1.06
Massachusetts	23.02	6.33	--	1.03
New Hampshire	24.92	5.79	--	1.05
Rhode Island	--	5.82	--	1.02
Vermont	--	--	--	1.00
Middle Atlantic	**22.62**	**6.22**	**28.67**	**1.02**
New Jersey	23.27	6.25	--	1.03
New York	23.76	6.25	29.08	1.02
Pennsylvania	22.39	5.88	28.42	1.03
East North Central	**20.49**	**5.92**	**28.34**	**1.02**
Illinois	17.81	5.77	28.42	1.01
Indiana	20.99	5.80	--	1.02
Michigan	19.86	6.04	27.85	1.01
Ohio	23.16	5.82	28.09	1.03
Wisconsin	18.12	5.82	28.54	1.01
West North Central	**16.62**	**5.80**	**27.93**	**1.01**
Iowa	17.13	5.79	26.55	1.01
Kansas	16.87	5.77	28.43	1.01
Minnesota	17.81	5.78	27.62	1.02
Missouri	17.65	5.83	--	1.02
Nebraska	17.07	6.00	--	1.02
North Dakota	13.20	5.86	--	1.03
South Dakota	16.71	5.82	--	1.01
South Atlantic	**23.84**	**6.35**	**28.15**	**1.03**
Delaware	24.97	6.25	--	1.04
District of Columbia	--	5.80	--	--
Florida	23.68	6.43	28.34	1.03
Georgia	22.20	5.94	27.72	1.03
Maryland	24.95	6.07	--	1.05
North Carolina	24.53	6.15	--	1.03
South Carolina	24.84	6.02	--	1.03
Virginia	24.96	6.28	--	1.03
West Virginia	23.85	5.78	--	1.02
East South Central	**21.77**	**6.05**	**28.03**	**1.03**
Alabama	21.42	5.88	--	1.03
Kentucky	23.17	5.82	28.03	1.02
Mississippi	18.10	6.55	--	1.03
Tennessee	21.78	5.67	--	1.03
West South Central	**16.01**	**6.21**	**29.07**	**1.03**
Arkansas	17.41	5.90	--	1.03
Louisiana	16.39	6.50	29.17	1.03
Oklahoma	17.33	6.38	--	1.03
Texas	15.50	5.77	28.94	1.02
Mountain	**19.25**	**5.62**	**29.00**	**1.04**
Arizona	19.67	5.90	--	1.03
Colorado	19.77	5.58	--	1.04
Idaho	--	--	--	1.00
Montana	16.51	4.55	29.00	1.03
Nevada	22.60	5.82	--	1.05
New Mexico	18.52	5.66	--	1.03
Utah	21.76	5.76	--	1.05
Wyoming	17.36	5.83	--	.99
Pacific Contiguous	**17.91**	**5.90**	**29.45**	**1.03**
California	23.12	5.72	29.45	1.03
Oregon	16.71	--	--	1.03
Washington	16.78	5.94	--	1.02
Pacific Noncontiguous	**20.88**	**6.13**	**--**	**1.01**
Alaska	--	5.05	--	1.01
Hawaii	20.88	6.16	--	--
U.S. Total	**20.04**	**6.25**	**28.43**	**1.03**

[1] Anthracite, bituminous, subbituminous, lignite, waste coal and coal synfuel.
[2] Includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
[3] Natural gas includes a small amount of supplemental gaseous fuels.

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

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

Table C2. Comparison of Preliminary Monthly Data Versus Final Monthly Data at the U.S. Level, 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.

References

[1] Bahillo, A. et al. Journal of Energy Resources Technology, "NOx and N2O Emissions During Fluidized Bed Combustion of Leather Wastes." Volume 128, Issue 2, June 2006. pp. 99-103.

[2] Bee, M., Benedetti, R., Espa, G., "A Framework for Cut-off Sampling in Business Survey Design," University of Trent, Discussion Paper No. 9, 2007, http://www-econo.economia.unitn.it/new/pubblicazioni/papers/9_07_**bee**.pdf

[3] Bellhouse, D., Burns, E., Knaub, J. (1997), transcript of the fall 1997 meeting of the American Statistical Association Committee on Energy Statistics, discussion of the use of covariates in surveys, http://www.eia.doe.gov/calendar/asa/111397ASA.doc, pp. 150-185.

[4] Energy Information Administration. *Renewable Energy Annual 2004*. "Average Heat Content of Selected Biomass Fuels." Washington, DC, 2005

[5] Elisson, H, and Elvers, E (2001), "Cut-off sampling and estimation," Statistics Canada International Symposium Series – Proceedings. http://www.statcan.ca/english/freepub/11-522-XIE/2001001/session10/s10a.pdf

[6] Knaub, J.R., Jr. (1989), "Ratio Estimation and Approximate Optimum Stratification in Electric Power Surveys," Proceedings of the Section on Survey Research Methods, American Statistical Association, pp. 848-853. http://www.amstat.org/sections/srms/proceedings/

[7] Knaub, J.R., Jr. (1992), "More Model Sampling and Analyses Applied to Electric Power Data," Proceedings of the Section on Survey Research Methods, American Statistical Association, pp. 876-881. http://www.amstat.org/sections/srms/proceedings/, Figure 1, p. 879.

[8] Knaub, J.R., Jr. (1993), "Alternative to the Iterated Reweighted Least Squares Method: Apparent Heteroscedasticity and Linear Regression Model Sampling," Proceedings of the International Conference on Establishment Surveys, American Statistical Association, pp. 520-525.

[9] Knaub, J.R., Jr. (1994), "Relative Standard Error for a Ratio of Variables at an Aggregate Level Under Model Sampling," Proceedings of the Section on Survey Research Methods, American Statistical Association, pp. 310-312.

[10] Knaub. J.R., Jr. (1996), "Weighted Multiple Regression Estimation for Survey Model Sampling," InterStat, May 1996, http://interstat.statjournals.net/. (Note that there is a shorter version in the ASA Survey Research Methods Section proceedings, 1996.)

[11] Knaub, J.R., Jr. (1999a), "Using Prediction-Oriented Software for Survey Estimation," InterStat, August 1999, http://interstat.statjournals.net/, partially covered in "Using Prediction-Oriented Software for Model-Based and Small Area Estimation," in ASA Survey Research Methods Section proceedings, 1999, and partially covered in "Using Prediction-Oriented Software for Estimation in the Presence of Nonresponse," presented at the International Conference on Survey Nonresponse, 1999.

[12] Knaub, J.R. Jr. (1999b), "Model-Based Sampling, Inference and Imputation," EIA web site: http://www.eia.doe.gov/cneaf/electricity/forms/eiawebme.pdf

[13] Knaub, J.R., Jr. (2000), "Using Prediction-Oriented Software for Survey Estimation - Part II: Ratios of Totals," InterStat, June 2000, http://interstat.statjournals.net/. (Note shorter, more recent version in ASA Survey Research Methods Section proceedings, 2000.)

[14] Knaub, J.R., Jr. (2001), "Using Prediction-Oriented Software for Survey Estimation - Part III: Full-Scale Study of Variance and Bias," InterStat, June 2001, http://interstat.statjournals.net/. (Note another version in ASA Survey Research Methods Section proceedings, 2001.)

[15] Knaub, J.R., Jr. (2002), "Practical Methods for Electric Power Survey Data," InterStat, July 2002, http://interstat.statjournals.net/.

[16] Knaub, J.R., Jr. (2003), "Applied Multiple Regression for Surveys with Regressors of Changing Relevance: Fuel Switching by Electric Power Producers," InterStat, May 2003, http://interstat.statjournals.net/. (Note another version in ASA Survey Research Methods Section proceedings, 2003.)

[17] Knaub, J.R., Jr. (2004), "Modeling Superpopulation Variance: Its Relationship to Total Survey Error," InterStat, August 2004, http://interstat.statjournals.net/. (Note another version in ASA Survey Research Methods Section proceedings, 2004.)

[18] Knaub, J.R., Jr. (2005), "Classical Ratio Estimator," InterStat, October 2005, http://interstat.statjournals.net/.

[19] Knaub, J.R., Jr. (2007a), "Cutoff Sampling and Inference," InterStat, April 2007, http://interstat.statjournals.net/.

[20] Knaub, J.R., Jr. (2007b), "Model and Survey Performance Measurement by the RSE and RSESP," Proceedings of the Section on Survey Research Methods, American Statistical Association, pp. 2730-2736. http://www.amstat.org/sections/srms/proceedings/

[21] Knaub, J.R., Jr. (2008), forthcoming. "Cutoff Sampling." Definition in *Encyclopedia of Survey Research Methods*, Editor: Paul J. Lavrakas, Sage, to appear.

[22] Penn State Agricultural College Agricultural and Biological Engineering and Council for Solid Waste Solutions. Garth, J. and Kowal, P. *Resource Recovery, Turning Waste into Energy,* University Park, PA, 1993

[23] Royall, R.M. (1970), "On Finite Population Sampling Theory Under Certain Linear Regression Models," Biometrika, 57, pp. 377-387.

[24] Utah State University Recycling Center Frequently Asked Questions. Published at http://www.usu.edu/recycle/faq.htm. Accessed December 2006

[25] Waugh, S., Norman, K. and Knaub, J. (2003) "Proposed EIA Guidance on Relative Standard Errors (RSEs)," Presentation to the American Statistical Association Committee on Energy Statistics, October 17, 2003, http://www.eia.doe.gov/smg/asa_meeting_2003/fall/files/rseguidance.pdf

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.