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Contacts

The *Electric Power Monthly* is prepared by the U.S. Energy Information Administration.

Questions and comments concerning the contents of the *Electric Power Monthly* may be directed to:

Ronald Hankey, Project Leader
U.S. Energy Information Administration, EI-23
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, DC, 20585-0650

Internet e-mail address: infoelectric@eia.gov

Subject specialists:

Subject	Contact	E-Mail
U.S. Electric Net Generation	Ronald Hankey	infoelectric@eia.gov
U.S. Electric Consumption of Fuels	Christopher Cassar	infoelectric@eia.gov
U.S. Electric Stocks of Fuels	Christopher Cassar	infoelectric@eia.gov
U.S. Electric Fossil-Fuel Receipts	Rebecca Peterson	infoelectric@eia.gov
U.S. Electric Fossil-Fuel Costs	Rebecca Peterson	infoelectric@eia.gov
U.S. Retail Sales of Electricity	Charlene Harris-Russell	Infoelectric@eia.gov
Sampling and Estimation Methodologies	James Knaub, Jr.	infoelectric@eia.gov

Requests for additional information on other statistics available from the U.S. Energy Information Administration or questions concerning subscriptions and report distribution may be directed to the Office of Communications of the U.S. Energy Information Administration at infoctr@eia.gov.

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Preface

The *Electric Power Monthly (EPM)* presents monthly electricity statistics for a wide audience including Congress, Federal and State agencies, the electric power industry, and the general public. The purpose of this publication is to provide energy decision makers with accurate and timely information that may be used in forming various perspectives on electric issues that lie ahead. In order to provide an integrated view of the electric power industry, data in this report have been separated into two major categories: electric power sector and combined heat and power producers. The U.S. 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 Office of Electricity, Renewables & Uranium Statistics, 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.gov/electricity/survey/>

A detailed description of these forms and associated algorithms are found in Appendix C, "Technical Notes."

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	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities	Independent Power Producers						
Fuel	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Net Generation (thousand megawatthours)											
Coal	116,476	137,493	-15.3%	88,093	104,414	27,269	31,380	67	77	1,048	1,622
Petroleum Liquids	1,064	1,338	-20.5%	802	1,042	225	251	6	6	31	39
Petroleum Coke	613	860	-28.7%	346	516	122	243	--	--	145	100
Natural Gas	107,928	75,769	42.4%	45,904	30,848	54,410	37,719	364	373	7,249	6,829
Other Gas	1,034	848	22.0%	39	7	231	243	NM	NM	762	597
Nuclear	62,081	57,017	8.9%	31,384	28,505	30,697	28,511	--	--	--	--
Hydroelectric Conventional	28,992	33,105	-12.4%	26,579	30,149	2,219	2,739	NM	NM	192	208
Other Renewables	18,957	17,777	6.6%	2,587	1,970	13,946	13,519	194	165	2,230	2,123
Wood and Wood-Derived Fuels	2,932	2,802	4.7%	155	123	625	631	NM	NM	2,151	2,047
Other Biomass	1,695	1,702	-0.4%	125	117	1,322	1,351	174	160	74	74
Geothermal	1,438	1,438	0.0%	97	96	1,341	1,342	--	--	--	--
Solar Thermal and Photovoltaic	450	201	123.5%	56	NM	379	167	12	NM	NM	NM
Wind	12,442	11,635	6.9%	2,154	1,603	10,280	10,029	NM	NM	NM	NM
Hydroelectric Pumped Storage	-343	-419	-18.0%	-264	-367	-80	-51	--	--	--	--
Other Energy Sources	967	968	0.0%	26	17	592	563	54	82	295	304
All Energy Sources	337,769	324,757	4.0%	195,497	197,103	129,633	115,117	686	714	11,952	11,822
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	62,958	73,511	-14.4%	47,002	54,978	15,593	17,765	20	23	342	746
Petroleum Liquids (1000 Barrels)	1,834	2,241	-18.2%	1,412	1,832	369	361	8	7	44	41
Petroleum Coke (1000 Tons)	234	316	-25.8%	140	199	47	97	--	--	47	20
Natural Gas (1000 Mcf)	843,453	602,778	39.9%	377,646	265,648	412,159	285,846	2,837	3,120	50,811	48,163
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,666	1,842	-9.5%	--	--	232	358	96	104	1,338	1,380
Petroleum Liquids (1000 Barrels)	206	273	-24.6%	--	--	86	84	7	10	113	180
Petroleum Coke (1000 Tons)	104	118	-12.0%	--	--	11	11	--	--	92	107
Natural Gas (1000 Mcf)	71,043	68,469	3.8%	--	--	28,970	26,261	2,686	3,591	39,387	38,617
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	64,624	75,353	-14.2%	47,002	54,978	15,825	18,122	117	128	1,680	2,126
Petroleum Liquids (1000 Barrels)	2,040	2,514	-18.9%	1,412	1,832	455	444	15	17	157	221
Petroleum Coke (1000 Tons)	338	434	-22.0%	140	199	58	107	--	--	140	128
Natural Gas (1000 Mcf)	914,496	671,246	36.2%	377,646	265,648	441,129	312,107	5,523	6,711	90,198	86,780
Fuel Stocks (end-of-month)											
Coal (1000 tons)	205,625	176,720	16.4%	163,656	139,331	39,160	35,288	370	352	2,439	1,748
Petroleum Liquids (1000 Barrels)	37,720	36,348	3.8%	25,227	24,104	9,245	9,773	219	283	3,030	2,188
Petroleum Coke (1000 Tons)	868	996	-12.9%	270	490	31	58	*	--	567	448

Sales, Revenue, and Average Retail Price for May									
Total U.S. Electric Power Industry									
Retail Sales (Million kWh)			Retail Revenue (Million Dollars)			Average Retail Price (Cents/kWh)			
Sector	May 2012	May 2011	Percent Change	May 2012	May 2011	Percent Change	May 2012	May 2011	Percent Change
Residential	100,629	97,755	2.9%	12,046	11,742	2.6%	11.97	12.01	-0.3%
Commercial	109,955	106,841	2.9%	11,020	10,978	0.4%	10.02	10.27	-2.4%
Industrial	84,482	80,741	4.6%	5,554	5,451	1.9%	6.57	6.75	-2.7%
Transportation	617	615	0.3%	61	66	-8.6%	9.83	10.80	-9.0%
All Sectors	295,682	285,951	3.4%	28,681	28,237	1.6%	9.70	9.87	-1.7%

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
* = Value is less than half of the smallest unit of measure.
Coal generation and consumption includes anthracite bituminous, subbituminous, lignite, waste coal, and coal synfuel
Coal stocks include anthracite, bituminous, subbituminous, lignite, and coal synfuel; waste coal is excluded.
Note: Values are preliminary.
See technical notes for additional information.
Sources: U.S. Energy Information Administration, Form-826, 'Monthly Electric Sales and Revenue With State Distributions Report.'
..... U.S. Energy Information Administration, Form-923, 'Power Plant Operations Report.'

Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2012 and 2011

Net Generation and Consumption of Fuels for January through May											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	May 2012 YTD	May 2011 YTD	Percent Change	May 2012 YTD	May 2011 YTD	May 2012 YTD	May 2011 YTD	May 2012 YTD	May 2011 YTD	May 2012 YTD	May 2011 YTD

Net Generation (thousand megawatthours)											
Coal	561,385	705,782	-20.5%	426,734	530,360	127,862	167,573	349	444	6,440	7,404
Petroleum Liquids	5,027	7,028	-28.5%	3,901	5,200	900	1,520	24	37	202	272
Petroleum Coke	3,709	5,372	-31.0%	2,062	3,499	792	1,326	2	2	853	545
Natural Gas	479,022	352,776	35.8%	193,148	138,991	249,224	178,860	1,829	1,813	34,822	33,112
Other Gas	5,317	4,395	21.0%	384	13	1,248	1,189	NM	NM	3,680	3,191
Nuclear	315,914	314,758	0.4%	161,260	163,531	154,654	151,226	--	--	--	--
Hydroelectric Conventional	126,773	147,306	-13.9%	115,492	134,899	10,374	11,465	NM	52	897	890
Other Renewables	94,388	84,094	12.2%	12,326	9,618	70,295	62,829	883	700	10,884	10,948
Wood and Wood-Derived Fuels	14,601	14,785	-1.2%	755	791	3,306	3,379	8	8	10,532	10,607
Other Biomass	8,119	7,873	3.1%	585	583	6,385	6,277	815	676	335	336
Geothermal	7,029	7,043	-0.2%	470	474	6,558	6,569	--	--	--	--
Solar Thermal and Photovoltaic	1,164	587	98.4%	178	99	951	483	30	NM	NM	NM
Wind	63,476	53,807	18.0%	10,338	7,671	53,094	46,121	31	13	13	NM
Hydroelectric Pumped Storage	-1,410	-1,909	-26.1%	-1,162	-1,854	-248	-55	--	--	--	--
Other Energy Sources	4,494	4,446	1.1%	132	105	2,853	2,647	246	347	1,263	1,347
All Energy Sources	1,594,620	1,624,049	-1.8%	914,279	984,363	617,954	578,581	3,346	3,397	59,041	57,707

Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	305,493	376,333	-18.8%	229,349	278,744	73,332	94,198	112	132	2,700	3,259
Petroleum Liquids (1000 Barrels)	8,464	11,896	-28.8%	6,836	9,215	1,359	2,364	31	42	238	275
Petroleum Coke (1000 Tons)	1,417	1,998	-29.1%	817	1,352	320	525	*	1	280	120
Natural Gas (1000 Mcf)	3,639,899	2,721,920	33.7%	1,552,083	1,152,605	1,835,555	1,324,293	14,489	15,338	237,772	229,684

Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	8,416	9,450	-10.9%	--	--	1,395	1,744	538	620	6,483	7,086
Petroleum Liquids (1000 Barrels)	1,065	1,635	-34.9%	--	--	368	434	39	68	659	1,134
Petroleum Coke (1000 Tons)	474	509	-6.9%	--	--	53	45	4	4	417	460
Natural Gas (1000 Mcf)	359,546	341,337	5.3%	--	--	135,746	133,946	17,230	18,120	206,569	189,271

Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	313,909	385,784	-18.6%	229,349	278,744	74,727	95,943	650	752	9,183	10,344
Petroleum Liquids (1000 Barrels)	9,530	13,532	-29.6%	6,836	9,215	1,728	2,798	70	110	897	1,409
Petroleum Coke (1000 Tons)	1,891	2,507	-24.6%	817	1,352	373	570	4	4	697	580
Natural Gas (1000 Mcf)	3,999,445	3,063,257	30.6%	1,552,083	1,152,605	1,971,301	1,458,239	31,720	33,458	444,341	418,955

Sales, Revenue, and Average Retail Price for January through May									
	Total U.S. Electric Power Industry								
	Retail Sales (Million kWh)			Retail Revenue (Million Dollars)			Average Retail Price (Cents/kWh)		
Sector	May 2012 YTD	May 2011 YTD	Percent Change	May 2012 YTD	May 2011 YTD	Percent Change	May 2012 YTD	May 2011 YTD	Percent Change
Residential	523,033	562,485	-7.0%	61,241	64,267	-4.7%	11.71	11.43	2.4%
Commercial	516,837	517,619	-0.2%	51,355	52,028	-1.3%	9.94	10.05	-1.1%
Industrial	402,177	394,935	1.8%	26,180	26,252	-0.3%	6.51	6.65	-2.1%
Transportation	3,140	3,231	-2.8%	308	338	-8.9%	9.81	10.47	-6.3%
All Sectors	1,445,187	1,478,270	-2.2%	139,084	142,885	-2.7%	9.62	9.67	-0.5%

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
* = Value is less than half of the smallest unit of measure.
Coal generation and consumption includes anthracite bituminous, subbituminous, lignite, waste coal, and coal synfuel
Coal stocks include anthracite, bituminous, subbituminous, lignite, and coal synfuel; waste coal is excluded.
Note: Values are preliminary.
See technical notes for additional information.
Sources: U.S. Energy Information Administration, Form-826, 'Monthly Electric Sales and Revenue With State Distributions Report.'
..... U.S. Energy Information Administration, Form-923, 'Power Plant Operations Report.'

Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2012 and 2011

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal (1000 tons)	64,678	74,551	47.57	47.99	533	576	339,958	384,581	47.05	46.40
Petroleum Liquids (1000 barrels)	NM	3,573	135.76	118.25	1,226	1,261	9,808	15,554	134.89	113.52
Petroleum Coke (1000 tons)	281	411	61.11	91.87	29	38	1,656	1,904	59.53	84.55
Natural Gas (1000 Mcf)	937,894	695,061	2.96	4.95	1,834	1,820	4,106,392	3,194,509	3.17	5.06

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal (1000 tons)	46,346	53,332	48.77	48.59	290	312	243,628	273,110	47.76	47.07
Petroleum Liquids (1000 barrels)	1,239	2,620	138.68	117.95	820	842	6,667	10,581	137.02	114.60
Petroleum Coke (1000 tons)	134	228	58.61	101.82	7	9	891	1,154	59.12	92.32
Natural Gas (1000 Mcf)	383,704	269,180	3.32	5.26	822	807	1,571,434	1,177,652	3.54	5.33

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal (1000 tons)	16,673	19,503	41.83	44.82	121	140	87,542	102,388	43.29	43.14
Petroleum Liquids (1000 barrels)	380	498	137.91	127.57	205	209	1,730	2,786	138.87	116.62
Petroleum Coke (1000 tons)	26	99	NM	63.84	8	15	219	316	34.46	54.40
Natural Gas (1000 Mcf)	442,289	315,028	2.76	4.79	581	584	1,974,370	1,472,874	2.97	5.02

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal (1000 tons)	NM	119	60.63	65.81	19	18	602	689	57.52	59.82
Petroleum Liquids (1000 barrels)	NM	NM	133.32	128.06	78	84	NM	140	135.47	123.18
Petroleum Coke (1000 tons)	0	NM	0.00	83.98	0	1	5	NM	57.60	78.93
Natural Gas (1000 Mcf)	NM	NM	3.43	5.26	116	117	NM	NM	3.93	5.51

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal (1000 tons)	1,551	1,596	72.35	65.07	103	106	8,187	8,394	65.49	63.67
Petroleum Liquids (1000 barrels)	NM	NM	121.42	108.59	123	126	NM	2,047	119.04	103.04
Petroleum Coke (1000 tons)	121	83	70.56	98.10	14	13	541	428	70.36	85.94
Natural Gas (1000 Mcf)	106,084	103,762	2.48	4.60	315	312	526,986	508,329	2.79	4.50

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Number of Plants represents the number of plants for which receipts data were collected this month.
.... A plant using more than one fuel may be counted multiple times.
Coal includes anthracite bituminous, subbituminous, lignite, waste coal, and coal synfuel
Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Notes: Values are preliminary. Mcf = thousand cubic feet.
Source: U.S. Energy Information Administration, Form-923, 'Power Plant Operations Report.'

Table ES2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Btus, 2012 and 2011

Total (All Sectors)										
							Year-to-Date			
Receipts			Cost				Receipts		Cost	
(Billion Btu)			(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal	1,262,874	1,467,151	2.44	2.44	533	576	6,610,363	7,529,367	2.42	2.37
Petroleum Liquids	NM	21,896	22.97	19.30	1,226	1,261	58,431	94,023	22.64	18.78
Petroleum Coke	8,008	11,707	2.15	3.22	29	38	47,427	54,410	2.08	2.96
Natural Gas	957,758	709,158	2.90	4.85	1,834	1,820	4,197,347	3,262,384	3.10	4.95
Fossil Fuels	2,240,426	2,209,912	2.74	3.38	2,854	2,866	10,916,296	10,940,185	2.79	3.28

Electric Utilities										
							Year-to-Date			
Receipts			Cost				Receipts		Cost	
(Billion Btu)			(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal	917,798	1,058,900	2.46	2.45	290	312	4,782,346	5,407,938	2.43	2.38
Petroleum Liquids	7,323	16,184	23.46	19.10	820	842	39,866	64,354	22.92	18.84
Petroleum Coke	3,867	6,525	2.03	3.56	7	9	25,679	33,072	2.05	3.22
Natural Gas	391,411	273,638	3.25	5.17	822	807	1,602,123	1,198,745	3.47	5.23
Fossil Fuels	1,320,717	1,355,247	2.81	3.20	1,493	1,498	6,452,744	6,704,109	2.82	3.05

Independent Power Producers										
							Year-to-Date			
Receipts			Cost				Receipts		Cost	
(Billion Btu)			(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal	308,902	371,147	2.26	2.36	121	140	1,642,330	1,925,055	2.31	2.29
Petroleum Liquids	2,232	2,952	23.47	21.50	205	209	10,193	16,500	23.57	19.69
Petroleum Coke	759	2,823	NM	2.24	8	15	6,311	9,089	1.20	1.89
Natural Gas	452,603	321,800	2.69	4.69	581	584	2,021,101	1,505,528	2.90	4.91
Fossil Fuels	764,496	698,722	2.58	3.51	794	793	3,679,936	3,456,173	2.69	3.52

Commercial Sector										
							Year-to-Date			
Receipts			Cost				Receipts		Cost	
(Billion Btu)			(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal	NM	2,568	2.89	3.05	19	18	12,489	14,648	2.77	2.81
Petroleum Liquids	NM	NM	22.55	21.15	78	84	NM	833	23.00	20.70
Petroleum Coke	0	NM	0.00	2.95	0	1	130	NM	2.01	2.76
Natural Gas	NM	NM	3.36	5.15	116	117	NM	NM	3.85	5.40
Fossil Fuels	NM	NM	3.43	4.89	162	168	NM	NM	3.74	4.91

Industrial Sector										
							Year-to-Date			
Receipts			Cost				Receipts		Cost	
(Billion Btu)			(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
Coal	33,906	34,536	3.31	3.01	103	106	173,197	181,726	3.10	2.94
Petroleum Liquids	NM	NM	20.38	17.93	123	126	NM	12,336	20.05	17.10
Petroleum Coke	3,382	2,333	2.52	3.48	14	13	15,307	12,087	2.49	3.04
Natural Gas	107,814	106,472	2.44	4.48	315	312	539,811	521,685	2.73	4.39
Fossil Fuels	146,931	145,923	2.86	4.35	405	407	736,240	727,834	3.00	4.22

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Number of Plants represents the number of plants for which receipts data were collected this month.
..... The total number of fossil fuel plants is not the sum of the figures above it because a plant that receives two or more different fuels is only counted once.
Coal includes anthracite bituminous, subbituminous, lignite, waste coal, and coal synfuel
Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Note: Values are preliminary.
Source: U.S. Energy Information Administration, Form-923, 'Power Plant Operations Report.'

Table ES3. New U.S. Electric Generating Units by Operating Company Plant and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56753	AgPower Jerome LLC	Electric CHP	Double A Digester	ID	57425	2	1.5	OBG	IC
2012	1	56476	Ameresco	Electric CHP	Savannah River Site Biomass Cogeneration	SC	57138	1	16	WDS	ST
2012	1	56977	Zotos International	Industrial	Zotos International WPGF	NY	57648	WT2	1.7	WND	WT
2012	1	56977	Zotos International	Industrial	Zotos International WPGF	NY	57648	WT1	1.7	WND	WT
2012	1	19391	UGI Development Co	IPP	Crayola Solar Project	PA	57216	3	0.8	SUN	PV
2012	1	24211	Tucson Electric Power Co	Electric Utility	UASTP II	AZ	57717	UATP2	2.8	SUN	PV
2012	1	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind VIII	CA	57835	AW08	150	WND	WT
2012	1	56774	S Montana Elec Gen and Trans Coop Inc	IPP	Highwood Generating Station	MT	57480	GTG1	40.5	NG	GT
2012	1	56909	Record Hill Wind LLC	IPP	Record Hill Wind	ME	57568	RHW	50.6	WND	WT
2012	1	57090	RE Kammerer LLC	IPP	RE Kammerer 1	CA	57778	KAM1	5	SUN	PV
2012	1	57087	RE Dillard LLC	IPP	RE Dillard 4	CA	57806	DIL4	0.4	SUN	PV
2012	1	57087	RE Dillard LLC	IPP	RE Dillard 3	CA	57781	DIL3	3	SUN	PV
2012	1	57087	RE Dillard LLC	IPP	RE Dillard 2	CA	57779	DIL2	3	SUN	PV
2012	1	57087	RE Dillard LLC	IPP	RE Dillard 1	CA	57777	DL1	3	SUN	PV
2012	1	57093	RE Bruceville LLC	IPP	RE Bruceville 1	CA	57783	BRU1	5	SUN	PV
2012	1	34691	Ormat Nevada Inc	IPP	Tuscarora Geothermal Power Plant	NV	57451	G9250	9	GEO	BT
2012	1	34691	Ormat Nevada Inc	IPP	Tuscarora Geothermal Power Plant	NV	57451	G9200	9	GEO	BT
2012	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Crossroads Wind Farm	OK	57332	1-98	227	WND	WT
2012	1	12647	Minnesota Power Inc	Electric Utility	Bison I Wind Energy Center	ND	57038	PHS2	42.7	WND	WT
2012	1	57030	Mesquite Solar 1, LLC	IPP	Mesquite Solar 1	AZ	57707	2	16	SUN	PV
2012	1	11804	Massachusetts Electric Co	Electric Utility	Dorchester Solar Site	MA	57265	1	1	SUN	PV
2012	1	57042	Gordon Butte Wind LLC	IPP	Gordon Butte Wind LLC	MT	57748	GBW	9.6	WND	WT
2012	1	6541	Formosa Plastics Corp	Industrial	CFB Power Plant	TX	56708	G2201	143.1	PC	ST
2012	1	56356	Erie Wind LLC	IPP	Steel Winds II	NY	57078	1	15	WND	WT
2012	1	56769	Consolidated Edison Development Inc.	IPP	Frenchtown I Solar	NJ	57486	F1NJ	3	SUN	PV
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	GT2	90	NG	GT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	GT1	90	NG	GT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	7	40	NG	CT
2012	1	40577	American Mun Power-Ohio, Inc	IPP	Fremont Energy Center	OH	55701	CA01	330.5	NG	CA
2012	1	40577	American Mun Power-Ohio, Inc	IPP	Fremont Energy Center	OH	55701	CT01	168.4	NG	CT
2012	1	40577	American Mun Power-Ohio, Inc	IPP	Fremont Energy Center	OH	55701	CT02	168.4	NG	CT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	4	40	NG	CT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	43	20	NG	CA
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	5	40	NG	CT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	53	20	NG	CA
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	6	40	NG	CT
2012	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	5A	122	WAT	HY

Table ES3. New U.S. Electric Generating Units by Operating Company Plant and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56753	AgPower Jerome LLC	Electric CHP	Double A Digester	ID	57425	2	1.5	OBG	IC
2012	2	57082	Windstar Energy LLC	IPP	Windstar 1	CA	57774	WGNS	120	WND	WT
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT4	8.7	NG	IC
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT3	8.7	NG	IC
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT2	8.7	NG	IC
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT1	8.7	NG	IC
2012	2	9205	Illinois Electrical Gen Partn	IPP	Morris Genco LLC	IL	55774	MO5	1	LFG	IC
2012	2	9205	Illinois Electrical Gen Partn	IPP	Morris Genco LLC	IL	55774	MO4	1	LFG	IC
2012	2	57104	Golden Springs Development Company LLC	IPP	Golden Springs Building C-1	CA	57796	1	1.2	SUN	PV
2012	2	56627	DeWind Co.	IPP	DeWind Frisco	TX	57517	FRISC	20	WND	WT
2012	2	57017	DOE National Renewable Energy Laboratory	Commercial	DOE Golden NREL Main Campus	CO	57694	RSF2	0.4	SUN	PV
2012	2	57258	Concord Energy LLC	IPP	Concord Energy	NC	57896	UNT2	3.9	LFG	GT
2012	2	57258	Concord Energy LLC	IPP	Concord Energy	NC	57896	UNT1	3.9	LFG	GT
2012	2	56865	Caithness Shepherds Flat LLC	IPP	North Hurlburt Wind LLC	OR	57526	NORTH	265	WND	WT
2012	2	803	Arizona Public Service Co	Electric Utility	Hyder Solar	AZ	57563	PV2	5	SUN	PV
2012	2	599	Anchorage Municipal Light and Power	Electric Utility	Anchorage 1	AK	75	P1 BS	2	DFO	IC
2012	2	56753	AgPower Jerome LLC	Electric CHP	Double A Digester	ID	57425	3	1.5	OBG	IC
2012	2	19740	AES Wind Generation Inc	IPP	Mountain View IV	CA	57459	1	49	WND	WT
2012	2	56981	Town of Falmouth	Electric Utility	Town of Falmouth WWTP	MA	57654	WIND2	1.7	WND	WT
2012	2	57090	RE Kammerer LLC	IPP	RE Kammerer 3	CA	57782	KAM3	5	SUN	PV
2012	2	57090	RE Kammerer LLC	IPP	RE Kammerer 2	CA	57780	KAM2	5	SUN	PV
2012	2	57093	RE Bruceville LLC	IPP	RE Bruceville 3	CA	57785	BRU3	5	SUN	PV
2012	2	57093	RE Bruceville LLC	IPP	RE Bruceville 2	CA	57784	BRU2	5	SUN	PV
2012	2	3608	Puna Geothermal Venture	IPP	Puna Geothermal Venture I	HI	52028	OEC32	6	GEO	BT
2012	2	3608	Puna Geothermal Venture	IPP	Puna Geothermal Venture I	HI	52028	OEC31	6	GEO	BT
2012	2	15500	Puget Sound Energy Inc	Electric Utility	Lower Snake River Wind Energy Project	WA	57195	LSR 1	342	WND	WT
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT5	8.7	NG	IC
2012	3	11770	City of Martinsville - (VA)	Electric Utility	Martinsville LFG Generator	VA	57893	LFG1	1	LFG	IC
2012	3	57104	Golden Springs Development Company LLC	IPP	Golden Springs Building D	CA	57797	1	1.3	SUN	PV
2012	3	57142	Gundersen Lutheran Biogas I LLC	IPP	Onalaska Campus Landfill Biogas	WI	57824	416LF	1.1	LFG	IC
2012	3	57154	Heliocentric LLC	IPP	Heliocentric	CA	57831	1	1.3	SUN	PV
2012	3	56791	Hudson Ranch Power I LLC	IPP	Hudson Ranch Power I LLC	CA	57475	HRP1	49.9	GEO	ST
2012	3	57272	Kootenai Electric Cooperative Inc	Electric Utility	Fighting Creek LFGTE Plant	ID	57902	G-123	1.6	LFG	IC
2012	3	57272	Kootenai Electric Cooperative Inc	Electric Utility	Fighting Creek LFGTE Plant	ID	57902	G-162	1.6	LFG	IC

Table ES3. New U.S. Electric Generating Units by Operating Company Plant and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56753	AgPower Jerome LLC	Electric CHP	Double A Digester	ID	57425	2	1.5	OBG	IC
2012	3	15477	Public Service Elec & Gas Co	Electric Utility	BlackRock-Matrix	NJ	57727	BLAR	2.5	SUN	PV
2012	3	56912	V.H. Cooper & Co., Inc.	Industrial	Cooper Farms VW Project	OH	57570	WTG	3	WND	WT
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN1	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN2	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN3	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN4	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN5	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN6	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN7	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN8	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Waste Management Lockwood LFGTE	NV	57166	GEN1	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Waste Management Lockwood LFGTE	NV	57166	GEN2	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	West Camden	TN	57409	GEN1	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	West Camden	TN	57409	GEN2	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	West Camden	TN	57409	GEN3	1.6	LFG	IC
2012	4	56696	Alamosa Operating Services LLC	IPP	Cogentrix of Alamosa	CO	57368	1	30	SUN	PV
2012	4	57194	City of Industry	Electric Utility	Industry MetroLink PV 1	CA	57860	1	1.5	SUN	PV
2012	4	11581	City of Manning	Electric Utility	Manning	IA	1160	M1	2.3	DFO	IC
2012	4	11581	City of Manning	Electric Utility	Manning	IA	1160	M2	2.3	DFO	IC
2012	4	11581	City of Manning	Electric Utility	Manning	IA	1160	M3	2.3	DFO	IC
2012	4	18231	City of Stuart - (IA)	Electric Utility	Gilliam South	IA	7857	7	2.3	DFO	IC
2012	4	50131	Enel Stillwater LLC	IPP	Stillwater Facility	NV	50765	1	21.78	SUN	PV
2012	4	7140	Georgia Power Co	Electric Utility	Jack McDonough	GA	710	5	375	NG	CA
2012	4	7140	Georgia Power Co	Electric Utility	Jack McDonough	GA	710	5ACT	232.5	NG	CT
2012	4	7140	Georgia Power Co	Electric Utility	Jack McDonough	GA	710	5BCT	232.5	NG	CT
2012	4	15399	Iberdrola Renewables Inc	IPP	South Chestnut LLC	PA	56796	1	50.4	WND	WT
2012	4	50158	Innovative Energy Systems Inc	IPP	DANC LFGTE Facility	NY	56958	GEN4	1.6	LFG	IC
2012	4	56637	SUNY-University at Buffalo	Commercial	SUNY Buffalo The Solar Strand	NY	57279	UBPV	1.1	SUN	PV
2012	4	16534	Sacramento Municipal Util Dist	Electric Utility	Solano Wind	CA	7526	3	128	WND	WT
2012	4	57022	Solar Power Inc.	IPP	North Palm Springs 1A	CA	57743	1	2.39	SUN	PV
2012	4	40580	Southern Minnesota Mun P Agny	Electric Utility	SMMPA Methane Energy Facility	MN	57903	UNIT1	1.5	LFG	IC
2012	4	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	CTG1	165	NG	CT
2012	4	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	CTG2	165	NG	CT
2012	4	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	CTG3	165	NG	CT
2012	4	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	STG1	383	NG	CA
2012	4	54842	WM Renewable Energy LLC	IPP	Oneida Herkimer	NY	57404	GEN1	1.6	LFG	IC

Table ES3. New U.S. Electric Generating Units by Operating Company Plant and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56753	AgPower Jerome LLC	Electric CHP	Double A Digester	ID	57425	2	1.5	OBG	IC
2012	5	55918	Acciona Wind Energy USA LLC	IPP	Dempsey Ridge Wind Farm	OK	56665	DR	132	WND	WT
2012	5	57340	Cashton Greens Wind Farm LLC	IPP	Cashton Greens Wind Farm	WI	57968	CGWF	5	WND	WT
2012	5	20180	City of Waterloo (IL)	Electric Utility	Waterloo	IL	971	13	6.6	NG	GT
2012	5	56615	First Solar Energy LLC	IPP	Agua Caliente Solar Project	AZ	57373	AGU1	112	SUN	PV
2012	5	56615	First Solar Energy LLC	IPP	Silver State Solar Power North	NV	57442	56188	50	SUN	PV
2012	5	6541	Formosa Plastics Corp	Industrial	CFB Power Plant	TX	56708	G2101	143.1	PC	ST
2012	5	57335	GSG 6 LLC	IPP	Shady Oaks Wind Farm	IL	57964	1	109.5	WND	WT
2012	5	57159	L-8 Solar Project LLC	IPP	L-8 Solar Project	CA	57836	TSM	1.3	SUN	PV
2012	5	57030	Mesquite Solar 1, LLC	IPP	Mesquite Solar 1	AZ	57707	4	16	SUN	PV
2012	5	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	1	12	GEO	BT
2012	5	57361	SunE EPE2 LLC	IPP	SunE EPE2 LLC	NM	57985	1	13.6	SUN	PV
2012	5	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind VI	CA	57833	AW06	150	WND	WT
2012	5	56764	USG Nevada LLC	IPP	San Emidio	NV	57456	SE-U1	8	GEO	ST
2012	5	19553	Unisea Inc	Industrial	Unisea G 2	AK	54422	CAT4	1	DFO	IC
2012	5	19553	Unisea Inc	Industrial	Unisea G 2	AK	54422	CAT5	1	DFO	IC
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT1	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT2	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT3	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT4	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT5	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT6	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT7	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT8	57.7	NG	GT
2012	6	56988	Cimarron Windpower II, LLC	Industrial	Cimarron Windpower II	KS	57663	1	131	WND	WT
2012	6	2010	City of Bountiful	Electric Utility	Bountiful City	UT	3665	2A	11	NG	GT
2012	6	2010	City of Bountiful	Electric Utility	Bountiful City	UT	3665	3A	11	NG	GT
2012	6	19856	City of Vineland (NJ)	Electric Utility	Howard Down	NJ	2434	11	56.2	NG	GT
2012	6	56769	Consolidated Edison Development Inc.	Electric Utility	Dartmouth II Solar	MA	57838	D2MA	2	SUN	PV
2012	6	57319	Constellation Solar Massachusetts LLC	IPP	Town of Norfolk MA at Medway Branch	MA	57942	PV1	1.2	SUN	PV
2012	6	57318	Constellation Solar Net Metering LLC	IPP	Town of Uxbridge MA at Commerce Dr	MA	57941	PV1	1.8	SUN	PV
2012	6	56482	Gamesa Energy USA	IPP	Sandy Ridge Wind Farm	PA	57285	1	48.2	WND	WT
2012	6	9191	Idaho Power Co	Electric Utility	Langley Gulch Power Plant	ID	57028	GTG	175.8	NG	CT
2012	6	9191	Idaho Power Co	Electric Utility	Langley Gulch Power Plant	ID	57028	STG	122.9	NG	CA
2012	6	56341	Kaheawa Wind Power II LLC	IPP	Kaheawa Wind Power II LLC	HI	57082	1	21	WND	WT
2012	6	56341	Kaheawa Wind Power II LLC	IPP	Kaheawa Wind Power II LLC	HI	57082	2	10	MWH	BA

Table ES3. New U.S. Electric Generating Units by Operating Company Plant and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56753	AgPower Jerome LLC	Electric CHP	Double A Digester	ID	57425	2	1.5	OBG	IC
2012	6	11208	Los Angeles Department of Water & Power	IPP	Adelanto Solar Project	CA	57305	1	10	SUN	PV
2012	6	57030	Mesquite Solar 1, LLC	IPP	Mesquite Solar 1	AZ	57707	5	16	SUN	PV
2012	6	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	2	12	GEO	BT
2012	6	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	3	6	GEO	BT
2012	6	55723	PPL Renewable Energy LLC	IPP	Warren County	NJ	56888	GEN 1	0.5	SUN	PV
2012	6	55723	PPL Renewable Energy LLC	IPP	Warren County	NJ	56888	GEN 2	0.5	SUN	PV
2012	6	55723	PPL Renewable Energy LLC	IPP	Warren County	NJ	56888	GEN 3	0.5	SUN	PV
2012	6	55723	PPL Renewable Energy LLC	IPP	Warren County	NJ	56888	GEN 4	0.5	SUN	PV
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	131	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	132	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	133	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	134	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	141	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	142	44.5	NG	GT
2012	6	15452	PSEG Power Connecticut LLC	IPP	New Haven Harbor	CT	6156	2	44.5	NG	GT
2012	6	15452	PSEG Power Connecticut LLC	IPP	New Haven Harbor	CT	6156	3	44.5	NG	GT
2012	6	15452	PSEG Power Connecticut LLC	IPP	New Haven Harbor	CT	6156	4	44.5	NG	GT
2012	6	14328	Pacific Gas & Electric Co	Electric Utility	Cantua Solar Station	CA	57522	1	20	SUN	PV
2012	6	14328	Pacific Gas & Electric Co	Electric Utility	Giffen Solar Station	CA	57521	1	10	SUN	PV
2012	6	14328	Pacific Gas & Electric Co	Electric Utility	Huron Solar Station	CA	57523	1	20	SUN	PV
2012	6	15330	Prairie State Generating Co LLC	IPP	Prairie State Generatng Station	IL	55856	PC1	800	BIT	ST
2012	6	17650	Southern Power Co	IPP	Nacogdoches Power	TX	55708	STG4	100	WDS	ST
2012	6	57360	SunE EPE1 LLC	IPP	SunE EPE1 LLC	NM	57986	1	11.3	SUN	PV
2012	6	56749	UTS SJ1 LLC	Electric CHP	UTS SJ1 LLC	CA	57420	1	1.4	OBG	FC

As of the time of the publication of this report, the data for the latest month may not include all operational status updates.

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.gov/cneaf/electricity/forms/eia860/eia860.pdf>

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

Year-to-Date Capacity Statistics	
Net Summer Capacity	Capacity
Year-to-Date Capacity of New Units	8098
Year-to-Date Capacity of Retired Units	3092
Year-to-Date U.S. Capacity	1061366

Table ES4. Retired U.S. Electric Generating Units by Operating Company Plant and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	22500	Westar Energy Inc	Electric Utility	Tecumseh Energy Center	KS	1252	1	18	NG	GT
2012	1	22500	Westar Energy Inc	Electric Utility	Tecumseh Energy Center	KS	1252	2	19	NG	GT
2012	1	12199	Montana-Dakota Utilities Co	Electric Utility	Williston	ND	2791	2	4.7	NG	GT
2012	2	15470	Duke Energy Indiana Inc	Electric Utility	R Gallagher	IN	1008	3	140	BIT	ST
2012	2	15470	Duke Energy Indiana Inc	Electric Utility	R Gallagher	IN	1008	1	140	BIT	ST
2012	2	7140	Georgia Power Co	Electric Utility	Jack McDonough	GA	710	1	251	BIT	ST
2012	2	12981	Motiva Enterprises LLC PUD No 2 of	Industrial	Motiva Enterprises Port Arthur Refinery	TX	50973	GN26	9.7	NG	CS
2012	2	14624	Grant County	Electric Utility	Wanapum	WA	3888	2	103.8	WAT	HY
2012	2	12981	Motiva Enterprises LLC	Industrial	Motiva Enterprises Port Arthur Refinery	TX	50973	GN27	4.3	NG	ST
2012	2	56317	Standard Binghamton LLC	Electric CHP	Binghamton Cogen	NY	55600	1	42	NG	GT
2012	3	7840	GWF Power Systems, L.P.	IPP	East Third Street Power Plant	CA	10367	GEN1	18.7	PC	ST
2012	3	7840	GWF Power Systems, L.P.	IPP	Loveridge Road Power Plant	CA	10368	GEN1	18	PC	ST
2012	3	7840	GWF Power Systems, L.P.	IPP	Nichols Road Power Plant	CA	10371	GEN1	17.8	PC	ST
2012	3	7840	GWF Power Systems, L.P.	IPP	Wilbur East Power Plant	CA	10370	GEN1	18.1	PC	ST
2012	3	18041	State Line Energy LLC	IPP	State Line Energy	IN	981	4	209.4	SUB	ST
2012	3	7140	Georgia Power Co	Electric Utility	Mitchell	GA	727	4C	31	DFO	GT
2012	3	8032	Hanford L.P.	IPP	Hanford	CA	10373	GEN1	25.3	PC	ST
2012	3	18041	State Line Energy LLC	IPP	State Line Energy	IN	981	3	124.9	SUB	ST
2012	3	7840	GWF Power Systems, L.P.	IPP	Wilbur West Power Plant	CA	10369	GEN1	18.2	PC	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	LP-1	12.5	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	HP-3	9.4	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	HP-2	9.4	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	HP-1	9.4	BIT	ST
2012	4	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	1	107	BIT	ST
2012	4	361	Industrial Energy Applications Inc	IPP	Alliant SBD 9801 Aegon Martha's Way	IA	56072	1	1	DFO	IC
2012	4	5416	Duke Energy Carolinas, LLC	Electric Utility	Dan River	NC	2723	3	142	BIT	ST
2012	4	5416	Duke Energy Carolinas, LLC	Electric Utility	Dan River	NC	2723	2	67	BIT	ST
2012	4	5416	Duke Energy Carolinas, LLC	Electric Utility	Dan River	NC	2723	1	67	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	LP-2	12.5	BIT	ST
2012	4	17105	Sherman Hospital	Commercial	Sherman Hospital	IL	50909	2	0.8	NG	IC
2012	4	17105	Sherman Hospital	Commercial	Sherman Hospital	IL	50909	1	0.8	NG	IC
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	LP-4	12.5	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	LP-3	12.5	BIT	ST
2012	5	306	Alcoa Power Generating Inc Tapoco Div	Electric Utility	Cheoah	NC	54899	1	21	WAT	HY
2012	5	306	Alcoa Power Generating Inc Tapoco Div	Electric Utility	Cheoah	NC	54899	2	21	WAT	HY
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W9	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W16	16	DFO	GT

Table ES4. Retired U.S. Electric Generating Units by Operating Company Plant and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	22500	Westar Energy Inc	Electric Utility	Tecumseh Energy Center	KS	1252	1	18	NG	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W15	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W14	16	DFO	GT
2012	5	6035	Exelon Power	IPP	Eddystone Generating Station	PA	3161	2	309	BIT	ST
2012	5	15274	Potomac Power Resources	IPP	Benning	DC	603	15	275	DFO	ST
2012	5	15274	Potomac Power Resources	IPP	Benning	DC	603	16	275	DFO	ST
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E1	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E2	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E4	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E5	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E6	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E7	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E8	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W10	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W11	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W12	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W13	16	DFO	GT
2012	6	40307	Prairie Power, Inc	Electric Utility	Pearl Station	IL	6238	1	22.2	BIT	ST
2012	6	21148	Zapco Energy Tactics Corp	IPP	Dunbarton Energy Partners LP	NH	55779	MA1	0.6	LFG	IC
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	10	122	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	11	128	NG	GT
2012	6	21148	Zapco Energy Tactics Corp	IPP	Dunbarton Energy Partners LP	NH	55779	MA2	0.6	LFG	IC

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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.gov/cneaf/electricity/forms/eia860/eia860.pdf>

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

Year-to-Date Capacity Statistics	
Net Summer Capacity	Capacity
Year-to-Date Capacity of New Units	8098
Year-to-Date Capacity of Retired Units	3092
Year-to-Date U.S. Capacity	1061366

Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2002-May 2012
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2002	1,933,130	78,701	15,867	691,006	11,463	780,064	264,329	79,109	-8,743	13,527	3,858,452
2003	1,973,737	102,734	16,672	649,908	15,600	763,733	275,806	79,487	-8,535	14,045	3,883,185
2004	1,978,301	100,391	20,754	710,100	15,252	788,528	268,417	83,067	-8,488	14,232	3,970,555
2005	2,012,873	99,840	22,385	760,960	13,464	781,986	270,321	87,329	-6,558	12,821	4,055,423
2006	1,990,511	44,460	19,706	816,441	14,177	787,219	289,246	96,525	-6,558	12,974	4,064,702
2007	2,016,456	49,505	16,234	896,590	13,453	806,425	247,510	105,238	-6,896	12,231	4,156,745
2008	1,985,801	31,917	14,325	882,981	11,707	806,208	254,831	126,101	-6,288	11,804	4,119,388
2009	1,755,904	25,972	12,964	920,979	10,632	798,855	273,445	144,279	-4,627	11,928	3,950,331
2010	1,847,290	23,337	13,724	987,697	11,313	806,968	260,203	167,173	-5,501	12,855	4,125,060
2011	1,734,265	15,840	12,322	1,016,595	11,269	790,225	325,074	194,993	-5,912	11,064	4,105,734
2010											
January	173,320	3,187	1,161	74,173	909	72,569	22,383	12,805	-565	1,014	360,957
February	153,044	1,251	1,122	66,198	825	65,245	20,590	10,901	-351	909	319,735
March	144,406	1,272	1,198	63,431	1,010	64,635	20,886	14,654	-325	1,002	312,168
April	126,952	1,220	1,067	64,644	943	57,611	19,097	15,607	-335	996	287,800
May	143,272	1,851	1,143	73,665	1,017	66,658	25,079	14,631	-441	1,060	327,936
June	165,491	2,656	1,333	92,268	964	68,301	29,854	14,209	-472	1,153	375,759
July	179,600	2,970	1,441	114,624	963	71,913	24,517	13,107	-557	1,146	409,725
August	177,745	2,419	1,157	121,151	1,061	71,574	20,119	13,100	-600	1,158	408,884
September	148,746	1,675	1,108	93,004	954	69,371	17,265	13,227	-421	1,116	346,045
October	132,270	1,221	1,007	77,738	808	62,751	17,683	13,791	-438	1,090	307,921
November	135,185	1,220	860	69,227	907	62,655	19,562	15,782	-467	1,079	306,010
December	167,258	2,395	1,128	77,573	952	73,683	23,169	15,359	-530	1,131	362,119
2011											
January	170,983	1,821	1,447	74,458	910	72,743	26,148	14,930	-426	842	363,855
February	138,295	1,166	1,035	65,852	770	64,789	24,687	16,224	-247	781	313,351
March	134,717	1,245	1,208	66,169	955	65,662	31,737	16,811	-350	938	319,092
April	124,293	1,458	821	70,529	913	54,547	31,629	18,352	-467	918	302,994
May	137,493	1,338	860	75,769	848	57,017	33,105	17,777	-419	967	324,757
June	158,308	1,399	1,040	91,096	980	65,270	32,253	17,435	-568	971	368,184
July	176,709	1,699	1,312	120,377	1,059	72,345	31,570	14,094	-709	1,024	419,480
August	171,472	1,286	1,121	119,646	999	71,339	26,320	13,965	-663	965	406,450
September	141,220	1,175	1,073	91,377	958	66,849	21,500	13,135	-554	873	337,606
October	126,872	1,083	851	79,078	949	63,354	20,036	16,729	-572	898	309,279
November	121,197	1,044	679	75,637	923	64,474	21,374	18,478	-441	903	304,268
December	132,706	1,125	875	86,606	1,005	71,837	24,715	17,063	-496	982	336,419
2012											
January	129,064	1,138	1,094	91,213	1,096	72,382	23,933	20,245	-330	907	340,743
February	113,831	893	825	91,260	1,146	63,850	20,813	17,079	-226	827	310,298
March	106,032	936	640	92,739	1,023	61,730	26,287	19,677	-268	913	309,709
April	95,982	996	537	95,882	1,018	55,871	26,748	18,430	-242	879	296,101
May	116,476	1,064	613	107,928	1,034	62,081	28,992	18,957	-343	967	337,769
Year to Date											
2010	740,994	8,781	5,691	342,111	4,704	326,719	108,034	68,597	-2,016	4,981	1,608,596
2011	705,782	7,028	5,372	352,776	4,395	314,758	147,306	84,094	-1,909	4,446	1,624,049
2012	561,385	5,027	3,709	479,022	5,317	315,914	126,773	94,388	-1,410	4,494	1,594,620
Rolling 12 Months Ending in May											
2011	1,812,078	21,584	13,405	998,363	11,004	795,007	299,475	182,670	-5,394	12,321	4,140,513
2012	1,589,868	13,838	10,660	1,142,841	12,191	791,382	304,541	205,287	-5,414	11,112	4,076,305

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
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.
Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.
Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology See Glossary for definitions. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. - Totals may Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. 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

Table 1.1.A. Net Generation by Other Renewables: Total (All Sectors), 2002-May 2012
(Thousand Megawatthours)

Period	Wind	Solar Thermal and Photovoltaic	Wood and Wood-Derived Fuels	Geothermal	Other Biomass	Total (Other Renewables)
Annual Totals						
2002	10,354	555	38,665	14,491	15,044	79,109
2003	11,187	534	37,529	14,424	15,812	79,487
2004	14,144	575	38,117	14,811	15,421	83,067
2005	17,811	550	38,856	14,692	15,420	87,329
2006	26,589	508	38,762	14,568	16,099	96,525
2007	34,450	612	39,014	14,637	16,525	105,238
2008	55,363	864	37,300	14,840	17,734	126,101
2009	73,886	891	36,050	15,009	18,443	144,279
2010	94,652	1,212	37,172	15,219	18,917	167,173
2011	119,747	1,814	36,946	16,700	19,786	194,993
2010						
January	6,854	10	3,126	1,312	1,503	12,805
February	5,432	33	2,895	1,159	1,382	10,901
March	8,589	76	3,090	1,307	1,592	14,654
April	9,764	112	2,932	1,240	1,558	15,607
May	8,698	153	2,893	1,311	1,577	14,631
June	8,049	176	3,094	1,264	1,627	14,209
July	6,724	161	3,308	1,274	1,640	13,107
August	6,686	156	3,319	1,297	1,642	13,100
September	7,106	138	3,157	1,253	1,575	13,227
October	7,944	75	3,003	1,222	1,547	13,791
November	9,748	77	3,080	1,252	1,625	15,782
December	9,059	44	3,275	1,330	1,650	15,359
2011						
January	8,659	31	3,258	1,478	1,503	14,930
February	10,528	80	2,896	1,326	1,393	16,224
March	10,537	113	3,041	1,465	1,655	16,811
April	12,447	161	2,788	1,337	1,619	18,352
May	11,635	201	2,802	1,438	1,702	17,777
June	10,887	257	3,243	1,363	1,685	17,435
July	7,382	226	3,348	1,372	1,767	14,094
August	7,342	236	3,290	1,380	1,717	13,965
September	6,883	183	3,113	1,334	1,621	13,135
October	10,623	169	2,876	1,393	1,669	16,729
November	12,354	78	2,980	1,377	1,689	18,478
December	10,469	79	3,311	1,439	1,765	17,063
2012						
January	13,823	70	3,293	1,438	1,621	20,245
February	11,047	119	3,029	1,361	1,523	17,079
March	13,553	218	2,832	1,438	1,637	19,677
April	12,611	307	2,515	1,354	1,643	18,430
May	12,442	450	2,932	1,438	1,695	18,957
Year to Date						
2010	39,337	384	14,936	6,328	7,611	68,597
2011	53,807	587	14,785	7,043	7,873	84,094
2012	63,476	1,164	14,601	7,029	8,119	94,388
Rolling 12-Month Ending in May						
2011	109,122	1,415	37,021	15,934	19,178	182,670
2012	129,416	2,391	36,762	16,685	20,033	205,287

Wood and wood-derived fuels include Wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood
Other Biomass includes Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources
Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and
See Glossary for definitions. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report;

Table 1.2. Net Generation by Energy Source: Electric Utilities, 2002-May 2012
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
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	1,471,421	31,269	9,634	282,088	30	425,341	261,864	6,588	-5,281	700	2,483,656
2007	1,490,985	33,325	7,395	313,785	141	427,555	226,734	8,953	-5,328	586	2,504,131
2008	1,466,395	22,206	5,918	320,190	46	424,256	229,645	11,308	-5,143	545	2,475,367
2009	1,322,092	18,035	7,182	349,166	96	417,275	247,198	14,617	-3,369	483	2,372,776
2010	1,378,028	17,258	8,807	392,616	52	424,843	236,104	17,927	-4,466	462	2,471,632
2011	1,300,377	11,556	8,286	407,983	38	415,302	297,766	21,719	-5,306	267	2,457,990
2010											
January	129,279	2,418	736	29,332	6	39,345	20,298	1,338	-427	36	222,362
February	113,856	890	696	25,880	6	34,945	18,752	1,087	-246	29	195,895
March	107,626	1,009	816	25,683	6	33,460	18,546	1,540	-232	37	188,491
April	95,791	923	675	25,721	5	30,946	16,812	1,777	-245	36	172,441
May	108,550	1,443	690	30,549	6	34,506	22,803	1,602	-356	42	199,835
June	124,451	2,132	837	36,530	6	35,835	27,661	1,449	-392	42	228,551
July	134,219	1,986	910	44,597	5	38,536	22,611	1,331	-474	34	243,756
August	132,743	1,785	758	47,474	5	38,021	18,465	1,431	-543	46	240,185
September	110,642	1,207	803	36,692	2	37,188	15,854	1,441	-353	45	203,521
October	97,612	877	645	31,613	1	31,226	15,718	1,542	-361	43	178,917
November	99,803	835	511	27,567	1	32,112	17,612	1,778	-397	34	179,858
December	123,456	1,752	730	30,978	2	38,722	20,970	1,610	-439	39	217,820
2011											
January	126,544	1,167	1,055	28,838	2	37,742	24,211	1,711	-500	23	220,793
February	103,550	863	666	24,765	1	34,119	22,779	1,913	-305	19	188,371
March	102,225	963	756	26,000	2	34,201	28,983	1,940	-277	22	194,814
April	93,628	1,165	505	28,539	2	28,964	28,777	2,084	-404	24	183,282
May	104,414	1,042	516	30,848	7	28,505	30,149	1,970	-367	17	197,103
June	119,811	992	711	37,952	7	34,635	29,880	1,773	-492	27	225,296
July	132,936	1,106	917	49,437	2	38,444	29,495	1,403	-613	23	253,150
August	128,803	930	787	48,924	2	37,435	24,420	1,378	-570	29	242,139
September	105,089	861	789	36,959	3	34,639	19,534	1,348	-471	17	198,767
October	94,027	826	583	32,534	3	33,558	17,957	2,009	-488	21	181,030
November	89,880	805	401	29,768	5	34,107	19,418	2,129	-381	23	176,154
December	99,472	837	599	33,418	3	38,952	22,163	2,062	-438	23	197,091
2012											
January	96,691	854	670	36,112	175	38,271	21,538	2,592	-283	34	196,654
February	86,387	695	495	35,134	165	33,119	18,801	2,114	-191	29	176,749
March	80,807	762	257	36,830	1	30,602	23,880	2,674	-197	21	175,638
April	74,755	789	294	39,168	4	27,884	24,694	2,359	-227	21	169,741
May	88,093	802	346	45,904	39	31,384	26,579	2,587	-264	26	195,497
Year to Date											
2010	555,102	6,683	3,612	137,164	30	173,202	97,211	7,344	-1,506	180	979,024
2011	530,360	5,200	3,499	138,991	13	163,531	134,899	9,618	-1,854	105	984,363
2012	426,734	3,901	2,062	193,148	384	161,260	115,492	12,326	-1,162	132	914,279
Rolling 12 Months Ending in May											
2011	1,353,287	15,774	8,694	394,443	36	415,172	273,792	20,201	-4,814	387	2,476,972
2012	1,196,750	10,258	6,849	462,140	409	413,031	278,359	24,428	-4,613	294	2,387,905

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
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.
Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.
Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology See Glossary for definitions. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. - Totals may Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. 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

Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2002-May 2012
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2002	395,943	22,241	8,368	378,044	1,763	272,684	18,189	44,466	-1,309	8,612	1,149,001
2003	452,433	35,818	7,949	380,337	2,404	304,904	21,890	46,060	-1,003	8,088	1,258,879
2004	443,547	33,574	7,410	427,510	3,194	312,846	19,518	48,636	-962	7,856	1,303,129
2005	507,199	37,096	9,664	445,625	3,767	345,690	21,486	51,708	-1,174	6,285	1,427,346
2006	498,316	10,396	8,409	452,329	4,223	361,877	24,390	59,345	-1,277	6,412	1,424,421
2007	507,406	13,645	6,942	500,967	3,901	378,869	19,109	65,751	-1,569	6,191	1,501,212
2008	502,442	8,021	6,737	482,182	3,154	381,952	23,451	85,776	-1,145	6,414	1,498,982
2009	419,031	6,306	4,288	491,839	2,962	381,579	24,308	101,860	-1,259	6,146	1,437,061
2010	449,709	5,117	3,497	508,774	2,915	382,126	22,351	120,956	-1,035	6,345	1,500,754
2011	414,493	3,590	2,791	522,585	3,110	374,923	25,375	144,166	-607	6,649	1,497,075
2010											
January	42,381	655	302	37,515	269	33,224	1,909	9,142	-138	507	125,766
February	37,605	266	314	33,676	241	30,300	1,669	7,669	-105	463	112,099
March	35,039	192	281	30,809	269	31,174	2,145	10,760	-93	502	111,080
April	29,824	228	283	32,403	268	26,666	2,087	11,509	-91	505	103,681
May	33,119	333	335	36,313	273	32,152	2,100	10,747	-84	533	115,821
June	39,461	459	364	48,503	259	32,466	2,050	10,402	-80	550	134,434
July	43,559	900	403	62,363	262	33,377	1,794	9,305	-83	558	152,439
August	43,105	568	265	65,487	244	33,553	1,554	9,193	-57	553	154,465
September	36,515	401	197	48,806	238	32,183	1,334	9,391	-68	540	129,537
October	33,051	267	248	39,263	169	31,525	1,843	9,914	-77	527	116,729
November	34,012	310	224	34,738	218	30,543	1,813	11,642	-70	545	113,975
December	42,038	540	280	38,897	205	34,962	2,054	11,282	-91	562	130,729
2011											
January	42,613	575	260	38,200	245	35,000	1,790	10,733	74	491	129,982
February	33,203	244	268	34,422	204	30,670	1,738	12,096	58	462	113,364
March	30,939	225	338	33,350	249	31,461	2,554	12,510	-72	565	112,118
April	29,439	226	216	35,169	248	25,583	2,645	13,970	-63	566	108,000
May	31,380	251	243	37,719	243	28,511	2,739	13,519	-51	563	115,117
June	36,866	347	226	46,080	275	30,635	2,217	13,118	-76	585	130,274
July	41,914	538	278	63,328	294	33,901	1,947	10,150	-96	615	152,869
August	40,769	302	224	63,066	291	33,903	1,796	10,075	-94	587	150,920
September	34,369	240	185	47,433	285	32,210	1,841	9,339	-83	536	126,354
October	31,174	205	177	39,873	276	29,796	1,947	12,364	-84	535	116,264
November	29,988	199	193	38,649	237	30,367	1,803	13,883	-60	542	115,801
December	31,840	238	182	45,296	263	32,885	2,358	12,408	-59	601	126,012
2012											
January	30,739	232	183	47,420	247	34,111	2,211	15,065	-47	572	130,733
February	25,974	155	179	48,770	257	30,730	1,847	12,574	-35	529	120,980
March	23,745	135	221	48,781	274	31,128	2,210	14,770	-71	589	121,781
April	20,136	152	87	49,842	239	27,987	1,886	13,940	-15	572	114,827
May	27,269	225	122	54,410	231	30,697	2,219	13,946	-80	592	129,633
Year to Date											
2010	177,968	1,674	1,516	170,716	1,320	153,517	9,910	49,826	-511	2,509	568,446
2011	167,573	1,520	1,326	178,860	1,189	151,226	11,465	62,829	-55	2,647	578,581
2012	127,862	900	792	249,224	1,248	154,654	10,374	70,295	-248	2,853	617,954
Rolling 12 Months Ending in May											
2011	439,314	4,964	3,306	516,917	2,784	379,835	23,907	133,958	-580	6,483	1,510,889
2012	374,782	2,970	2,258	592,949	3,169	378,351	24,283	151,632	-800	6,854	1,536,447

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
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.
Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.
Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology See Glossary for definitions. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. - Totals may Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. 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

Table 1.4. Net Generation by Energy Source: Commerical Combined Heat and Power Sector, 2002-May 2012
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2002	992	426	6	4,310	0	0	13	1,065	0	603	7,415
2003	1,206	416	8	3,899	0	0	72	1,302	0	594	7,496
2004	1,340	493	7	3,969	0	0	105	1,575	0	781	8,270
2005	1,353	368	7	4,249	0	0	86	1,673	0	756	8,492
2006	1,310	228	7	4,355	0	0	93	1,619	0	758	8,371
2007	1,371	180	9	4,257	0	0	77	1,614	0	764	8,273
2008	1,261	136	6	4,188	0	0	60	1,555	0	720	7,926
2009	1,096	157	5	4,225	0	0	71	1,769	0	842	8,165
2010	1,111	117	7	4,725	3	0	80	1,714	0	834	8,592
2011	989	90	3	4,526	6	0	95	1,808	0	886	8,403
2010											
January	116	12	1	367	0	0	6	140	0	66	709
February	102	10	1	339	0	0	6	114	0	51	623
March	91	7	1	351	0	0	7	137	0	66	661
April	80	8	1	326	0	0	11	147	0	73	645
May	84	12	0	326	0	0	12	152	0	79	666
June	97	10	0	350	0	0	11	153	0	77	699
July	110	18	0	459	0	0	4	149	0	72	812
August	105	11	1	490	0	0	1	155	0	77	838
September	89	9	1	421	0	0	2	152	0	77	750
October	80	6	1	419	0	0	4	137	0	66	712
November	69	3	1	401	0	0	6	138	0	64	683
December	88	11	1	476	0	0	11	141	0	66	793
2011											
January	103	12	1	402	0	0	9	143	0	68	739
February	95	7	1	350	0	0	10	130	0	62	656
March	97	6	1	341	0	0	12	138	0	71	666
April	71	5	0	347	1	0	11	124	0	63	622
May	77	6	0	373	1	0	9	165	0	82	714
June	82	8	0	368	0	0	9	149	0	76	693
July	96	13	0	431	0	0	11	159	0	81	791
August	86	7	0	408	1	0	4	165	0	81	752
September	76	6	0	356	1	0	3	155	0	76	674
October	63	8	0	359	1	0	5	158	0	75	668
November	64	5	0	378	0	0	6	161	0	75	691
December	78	5	1	413	1	0	6	159	0	75	739
2012											
January	83	5	1	387	1	0	2	173	0	47	698
February	82	3	1	357	1	0	2	172	0	48	665
March	68	4	1	363	1	0	2	169	0	51	658
April	49	6	0	359	1	0	2	176	0	47	639
May	67	6	0	364	1	0	1	194	0	54	686
Year to Date											
2010	474	50	3	1,710	1	0	42	689	0	335	3,304
2011	444	37	2	1,813	1	0	52	700	0	347	3,397
2012	349	24	2	1,829	4	0	9	883	0	246	3,346
Rolling 12 Months Ending in May											
2011	1,082	104	6	4,829	3	0	90	1,725	0	846	8,685
2012	894	77	3	4,542	8	0	53	1,991	0	786	8,353

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
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.
Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.
Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology See Glossary for definitions. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. - Totals may Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. 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

Table 1.5. Net Generation by Energy Source: Industrial Combined Heat and Power Sector, 2002-May 2012
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2002	21,525	3,196	1,207	79,013	9,493	0	3,825	30,489	0	3,832	152,580
2003	19,817	3,726	1,559	78,705	12,953	0	4,222	28,704	0	4,843	154,530
2004	19,773	4,128	1,839	78,959	11,684	0	3,248	29,164	0	5,129	153,925
2005	19,466	3,804	1,564	72,882	9,687	0	3,195	29,003	0	5,137	144,739
2006	19,464	2,567	1,656	77,669	9,923	0	2,899	28,972	0	5,103	148,254
2007	16,694	2,355	1,889	77,580	9,411	0	1,590	28,919	0	4,690	143,128
2008	15,703	1,555	1,664	76,421	8,507	0	1,676	27,462	0	4,125	137,113
2009	13,686	1,474	1,489	75,748	7,574	0	1,868	26,033	0	4,457	132,329
2010	18,441	844	1,414	81,583	8,343	0	1,668	26,576	0	5,214	144,082
2011	18,406	604	1,242	81,500	8,115	0	1,838	27,300	0	3,261	142,266
2010											
January	1,544	102	123	6,959	634	0	169	2,185	0	404	12,120
February	1,481	86	111	6,303	578	0	162	2,031	0	366	11,118
March	1,649	63	100	6,588	735	0	188	2,217	0	397	11,936
April	1,258	61	108	6,194	669	0	187	2,174	0	382	11,034
May	1,519	63	118	6,477	738	0	164	2,130	0	406	11,614
June	1,482	55	132	6,885	700	0	132	2,205	0	485	12,075
July	1,713	67	128	7,205	696	0	107	2,321	0	482	12,718
August	1,792	55	133	7,701	812	0	99	2,321	0	482	13,395
September	1,499	58	107	7,085	713	0	76	2,244	0	455	12,238
October	1,527	71	113	6,443	637	0	117	2,199	0	455	11,562
November	1,301	72	124	6,520	688	0	130	2,224	0	436	11,493
December	1,677	92	118	7,223	744	0	134	2,326	0	464	12,777
2011											
January	1,723	67	131	7,017	663	0	137	2,342	0	259	12,341
February	1,447	52	100	6,314	564	0	160	2,086	0	238	10,961
March	1,457	52	113	6,478	705	0	188	2,222	0	280	11,494
April	1,155	62	100	6,473	662	0	196	2,175	0	265	11,089
May	1,622	39	100	6,829	597	0	208	2,123	0	304	11,822
June	1,549	53	102	6,696	698	0	147	2,394	0	282	11,921
July	1,763	42	117	7,181	762	0	118	2,382	0	305	12,669
August	1,814	46	111	7,248	706	0	100	2,347	0	268	12,639
September	1,686	68	98	6,629	670	0	123	2,293	0	245	11,811
October	1,609	44	91	6,312	669	0	126	2,198	0	268	11,317
November	1,266	36	85	6,841	680	0	147	2,304	0	263	11,623
December	1,317	45	93	7,480	738	0	188	2,433	0	283	12,577
2012											
January	1,552	46	240	7,295	673	0	182	2,415	0	254	12,657
February	1,388	39	151	6,999	723	0	163	2,220	0	222	11,904
March	1,412	36	161	6,765	747	0	195	2,065	0	253	11,633
April	1,041	50	156	6,513	775	0	166	1,955	0	239	10,895
May	1,048	31	145	7,249	762	0	192	2,230	0	295	11,952
Year to Date											
2010	7,451	374	560	32,521	3,353	0	871	10,737	0	1,956	57,823
2011	7,404	272	545	33,112	3,191	0	890	10,948	0	1,347	57,707
2012	6,440	202	853	34,822	3,680	0	897	10,884	0	1,263	59,041
Rolling 12 Months Ending in May											
2011	18,394	742	1,399	82,173	8,181	0	1,686	26,787	0	4,605	143,967
2012	17,442	534	1,550	83,210	8,604	0	1,846	27,236	0	3,178	143,600

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
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.
Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.
Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology See Glossary for definitions. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. - Totals may Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. 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

Table 1.6.A. Net Generation by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	9,517	9,310	2.2%	185	228	8,820	8,544	72	68	439	470
Connecticut	2,780	2,830	-1.7%	NM	NM	2,735	2,796	NM	NM	30	NM
Maine	928	1,315	-29.0%	NM	NM	527	873	18	18	383	423
Massachusetts	2,730	2,663	2.5%	47	NM	2,621	2,566	41	39	NM	NM
New Hampshire	1,726	1,186	45.0%	72	130	1,651	1,053	NM	NM	NM	NM
Rhode Island	770	707	8.9%	NM	1	764	702	NM	NM	--	--
Vermont	582	609	-4.5%	58	51	522	555	--	--	NM	NM
Middle Atlantic	34,088	33,944	0.4%	3,086	3,209	30,558	30,285	91	111	353	339
New Jersey	5,554	5,236	6.1%	2	-13	5,486	5,173	NM	35	54	NM
New York	10,981	10,570	3.9%	2,942	2,991	7,915	7,451	52	50	72	77
Pennsylvania	17,554	18,138	-3.2%	143	231	17,158	17,662	27	26	226	220
East North Central	49,251	47,336	4.0%	23,763	25,285	24,494	21,167	111	122	883	763
Illinois	15,832	15,010	5.5%	967	795	14,648	13,991	26	38	191	186
Indiana	8,931	9,167	-2.6%	7,780	7,799	824	1,107	14	16	313	245
Michigan	9,677	8,933	8.3%	6,972	7,192	2,568	1,590	52	57	85	94
Ohio	9,766	9,586	1.9%	5,140	6,240	4,517	3,265	--	--	108	80
Wisconsin	5,045	4,640	8.7%	2,903	3,258	1,937	1,213	NM	NM	186	158
West North Central	25,840	25,561	1.1%	22,254	22,321	3,239	2,877	42	32	305	332
Iowa	4,557	4,473	1.9%	3,324	3,230	1,056	1,061	13	NM	165	168
Kansas	3,785	3,349	13.0%	3,452	3,090	334	259	--	--	--	--
Minnesota	3,870	3,949	-2.0%	2,912	3,100	824	700	NM	NM	121	141
Missouri	7,306	7,536	-3.0%	6,927	7,379	363	142	14	9	NM	NM
Nebraska	2,536	2,487	1.9%	2,441	2,403	90	79	NM	NM	NM	NM
North Dakota	2,763	2,595	6.5%	2,387	2,174	364	408	NM	NM	13	NM
South Dakota	1,022	1,173	-13.0%	813	944	209	228	NM	NM	--	--
South Atlantic	64,919	63,944	1.5%	51,971	52,930	11,467	9,492	45	51	1,435	1,471
Delaware	834	633	32.0%	NM	NM	782	532	NM	--	47	98
District of Columbia	6	3	84.0%	--	--	6	3	--	--	--	--
Florida	19,863	19,264	3.1%	17,497	17,158	1,936	1,666	NM	NM	423	434
Georgia	11,451	11,741	-2.5%	9,452	10,390	1,596	976	NM	NM	401	374
Maryland	3,753	3,751	0.1%	NM	NM	3,675	3,714	16	4	62	32
North Carolina	9,616	10,343	-7.0%	8,977	9,725	512	489	NM	4	127	123
South Carolina	8,287	7,448	11.0%	7,923	7,172	220	117	NM	NM	144	159
Virginia	5,350	4,923	8.7%	4,195	4,229	994	525	19	35	142	134
West Virginia	5,758	5,839	-1.4%	3,921	4,252	1,747	1,470	--	--	90	117
East South Central	31,341	29,554	6.0%	25,354	25,912	5,180	2,913	NM	NM	797	720
Alabama	12,328	10,811	14.0%	8,018	8,456	3,914	2,005	--	--	395	350
Kentucky	7,358	7,659	-3.9%	7,268	7,599	47	14	--	--	42	45
Mississippi	4,537	4,314	5.2%	3,167	3,299	1,214	888	NM	NM	153	125
Tennessee	7,119	6,771	5.1%	6,900	6,558	4	6	NM	NM	206	200
West South Central	59,804	55,462	7.8%	22,052	20,792	31,645	28,565	47	45	6,060	6,060
Arkansas	5,847	4,848	21.0%	4,027	3,724	1,658	971	NM	NM	161	152
Louisiana	9,222	8,536	8.0%	4,570	4,638	2,240	1,490	NM	NM	2,409	2,404
Oklahoma	7,232	5,964	21.0%	5,033	4,662	2,131	1,223	NM	NM	65	76
Texas	37,503	36,113	3.8%	8,423	7,767	25,616	24,880	39	38	3,425	3,428
Mountain	28,652	27,396	4.6%	23,353	22,455	5,051	4,687	27	20	221	235
Arizona	9,076	8,002	13.0%	8,074	7,463	974	507	NM	NM	NM	26
Colorado	4,142	3,835	8.0%	3,195	2,857	936	969	NM	NM	NM	NM
Idaho	1,513	1,415	6.9%	1,169	1,085	300	285	--	--	45	45
Montana	1,885	2,229	-15.0%	881	966	1,004	1,263	--	--	NM	NM
Nevada	2,885	2,434	19.0%	1,968	1,636	888	780	NM	NM	NM	13
New Mexico	3,003	2,875	4.5%	2,441	2,348	554	521	NM	NM	NM	NM
Utah	2,851	3,358	-15.0%	2,619	3,171	170	111	NM	--	61	76
Wyoming	3,297	3,248	1.5%	3,005	2,928	224	250	--	--	68	70
Pacific Contiguous	32,966	30,836	6.9%	22,511	22,973	8,837	6,255	186	204	1,431	1,404
California	16,323	15,545	5.0%	7,172	8,866	7,658	5,188	182	195	1,312	1,295
Oregon	5,169	4,984	3.7%	4,424	4,342	719	610	NM	NM	24	30
Washington	11,473	10,307	11.0%	10,916	9,765	460	457	NM	7	95	78
Pacific Noncontiguous	1,391	1,412	-1.5%	967	1,000	342	332	53	52	29	29
Alaska	560	544	2.9%	517	501	15	NM	22	21	NM	NM
Hawaii	831	868	-4.3%	450	499	327	316	31	31	24	23
U.S. Total	337,769	324,757	4.0%	195,497	197,103	129,633	115,117	686	714	11,952	11,822

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.6.B. Net Generation by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	48,279	49,536	-2.5%	1,426	2,066	44,247	44,928	347	349	2,260	2,193
Connecticut	14,019	13,284	5.5%	NM	NM	13,814	13,109	NM	NM	NM	NM
Maine	6,075	6,292	-3.4%	NM	NM	3,978	4,233	84	84	2,013	1,974
Massachusetts	13,356	15,456	-14.0%	NM	NM	12,870	14,960	198	210	NM	NM
New Hampshire	8,607	8,242	4.4%	NM	1,528	7,696	6,693	NM	NM	NM	NM
Rhode Island	3,342	3,224	3.7%	NM	NM	3,316	3,198	NM	NM	--	--
Vermont	2,879	3,039	-5.3%	NM	292	2,573	2,735	--	--	NM	NM
Middle Atlantic	170,775	169,673	0.6%	15,230	14,318	153,241	153,002	469	538	1,834	1,814
New Jersey	25,803	25,796	0.0%	-19	-77	25,499	25,473	NM	153	271	NM
New York	54,222	52,952	2.4%	14,641	13,533	38,881	38,712	290	278	410	429
Pennsylvania	90,750	90,925	-0.2%	608	861	88,862	88,817	127	108	1,154	1,139
East North Central	245,514	252,383	-2.7%	118,512	134,129	122,285	113,856	593	576	4,125	3,822
Illinois	79,318	79,544	-0.3%	4,543	4,500	73,674	73,883	193	213	908	948
Indiana	45,704	48,082	-4.9%	38,959	40,591	5,262	6,245	NM	89	1,397	1,157
Michigan	43,921	43,483	1.0%	31,272	34,561	11,946	8,207	231	221	473	495
Ohio	51,774	55,960	-7.5%	28,551	35,994	22,750	19,578	--	--	473	387
Wisconsin	24,797	25,314	-2.0%	15,187	18,484	8,653	5,943	NM	NM	874	835
West North Central	127,650	134,762	-5.3%	110,708	119,775	15,216	13,250	228	173	1,498	1,564
Iowa	23,070	23,079	0.0%	16,865	17,414	5,362	4,823	78	NM	765	764
Kansas	15,022	16,985	-12.0%	13,533	15,781	1,490	1,204	--	--	--	--
Minnesota	20,666	22,058	-6.3%	16,251	18,177	3,713	3,153	NM	NM	628	678
Missouri	35,471	38,911	-8.8%	34,205	38,024	1,179	811	69	39	NM	NM
Nebraska	13,672	14,096	-3.0%	13,179	13,726	469	349	NM	NM	NM	NM
North Dakota	15,084	14,892	1.3%	13,061	12,974	1,953	1,850	NM	NM	NM	NM
South Dakota	4,665	4,741	-1.6%	3,614	3,680	1,051	1,060	NM	NM	--	--
South Atlantic	290,374	303,606	-4.4%	235,598	250,467	47,517	45,998	207	232	7,051	6,910
Delaware	3,396	2,236	52.0%	NM	NM	3,124	2,128	NM	--	253	98
District of Columbia	9	5	78.0%	--	--	9	5	--	--	--	--
Florida	86,857	85,348	1.8%	77,459	76,919	7,371	6,373	NM	NM	1,996	2,030
Georgia	47,558	50,117	-5.1%	39,209	43,935	6,399	4,263	NM	NM	1,940	1,910
Maryland	13,529	17,313	-22.0%	NM	NM	13,245	17,119	NM	NM	228	173
North Carolina	45,749	47,634	-4.0%	42,555	44,667	2,512	2,244	NM	NM	666	698
South Carolina	38,647	41,014	-5.8%	37,038	39,864	821	370	NM	NM	787	779
Virginia	27,293	27,690	-1.4%	21,375	22,382	5,149	4,433	95	154	673	721
West Virginia	27,336	32,249	-15.0%	17,942	22,686	8,886	9,063	--	--	508	500
East South Central	145,380	154,684	-6.0%	120,247	137,512	21,325	13,376	NM	NM	3,757	3,749
Alabama	59,663	60,353	-1.1%	40,881	48,475	16,924	10,065	--	--	1,857	1,813
Kentucky	35,315	40,427	-13.0%	35,049	40,160	NM	NM	--	--	NM	246
Mississippi	20,950	19,016	10.0%	15,902	15,034	4,272	3,252	NM	NM	766	721
Tennessee	29,451	34,888	-16.0%	28,414	33,844	35	38	NM	NM	961	969
West South Central	264,643	257,111	2.9%	96,863	96,442	137,210	130,638	209	198	30,362	29,833
Arkansas	27,534	23,285	18.0%	18,980	17,198	7,728	5,270	NM	NM	823	815
Louisiana	40,779	41,521	-1.8%	20,416	20,809	9,099	8,961	NM	NM	11,245	11,732
Oklahoma	31,216	27,889	12.0%	22,643	22,069	8,243	5,460	NM	NM	316	352
Texas	165,114	164,416	0.4%	34,824	36,366	112,139	110,947	173	169	17,978	16,934
Mountain	141,556	139,977	1.1%	111,675	112,925	28,679	25,933	113	NM	1,089	1,032
Arizona	42,981	39,588	8.6%	37,006	35,849	5,859	3,602	NM	NM	NM	NM
Colorado	20,863	20,623	1.2%	16,335	16,395	4,485	4,193	NM	NM	NM	NM
Idaho	6,863	6,970	-1.5%	4,793	5,473	1,859	1,288	--	--	211	209
Montana	10,776	11,870	-9.2%	3,029	3,669	7,746	8,200	--	--	NM	NM
Nevada	12,257	11,503	6.6%	8,237	7,301	3,893	4,104	NM	NM	NM	NM
New Mexico	14,105	15,280	-7.7%	11,422	12,773	2,646	2,478	NM	NM	NM	NM
Utah	14,671	15,618	-6.1%	13,667	14,862	748	NM	NM	*	255	204
Wyoming	19,039	18,524	2.8%	17,185	16,602	1,443	1,515	--	--	412	407
Pacific Contiguous	153,367	155,126	-1.1%	98,845	111,511	46,736	36,043	897	950	6,890	6,623
California	76,951	77,492	-0.7%	31,382	41,484	38,491	29,159	877	899	6,201	5,952
Oregon	27,035	26,307	2.8%	21,347	22,281	5,508	3,818	NM	NM	170	199
Washington	49,381	51,327	-3.8%	46,116	47,747	2,736	3,066	NM	42	519	472
Pacific Noncontiguous	7,083	7,190	-1.5%	5,176	5,218	1,498	1,559	233	247	175	NM
Alaska	2,998	2,927	2.4%	2,770	2,697	NM	NM	107	113	NM	NM
Hawaii	4,085	4,263	-4.2%	2,405	2,521	1,423	1,481	126	134	NM	NM
U.S. Total	1,594,620	1,624,049	-1.8%	914,279	984,363	617,954	578,581	3,346	3,397	59,041	57,707

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

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

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.7.A. Net Generation from Coal by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	NM	372	NM	1	80	NM	288	--	--	NM	NM
Connecticut	5	-2	-418.0%	--	--	5	-2	--	--	--	--
Maine	3	5	-39.0%	--	--	2	4	--	--	*	1
Massachusetts	NM	288	NM	--	--	NM	286	--	--	NM	NM
New Hampshire	1	80	-98.0%	1	80	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	7,383	9,291	-21.0%	--	NM	7,276	9,159	--	--	106	124
New Jersey	95	461	-79.0%	--	--	95	461	--	--	--	--
New York	177	737	-76.0%	--	NM	154	703	--	--	22	26
Pennsylvania	7,112	8,093	-12.0%	--	--	7,027	7,995	--	--	84	98
East North Central	26,230	29,388	-11.0%	18,077	21,418	7,846	7,676	27	32	280	261
Illinois	6,229	6,285	-0.9%	918	754	5,164	5,383	3	--	144	147
Indiana	6,933	7,959	-13.0%	6,546	7,292	377	654	6	9	NM	NM
Michigan	4,309	4,695	-8.2%	4,253	4,623	30	34	16	21	NM	17
Ohio	6,822	7,747	-12.0%	4,503	6,117	2,276	1,605	--	--	43	25
Wisconsin	1,937	2,704	-28.0%	1,857	2,633	--	--	NM	NM	79	69
West North Central	15,162	17,825	-15.0%	14,906	17,550	--	--	15	18	241	257
Iowa	2,486	2,724	-8.7%	2,315	2,548	--	--	NM	NM	162	165
Kansas	2,070	2,879	-28.0%	2,070	2,879	--	--	--	--	--	--
Minnesota	1,243	2,403	-48.0%	1,177	2,329	--	--	--	--	66	74
Missouri	5,524	6,004	-8.0%	5,516	5,991	--	--	6	7	NM	NM
Nebraska	1,576	1,783	-12.0%	1,573	1,779	--	--	--	--	NM	NM
North Dakota	2,030	1,791	13.0%	2,022	1,782	--	--	--	--	NM	NM
South Dakota	233	241	-3.4%	233	241	--	--	--	--	--	--
South Atlantic	22,818	29,064	-21.0%	19,133	24,847	3,517	3,987	NM	5	168	224
Delaware	160	155	3.4%	--	--	160	155	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	3,819	4,813	-21.0%	3,585	4,483	218	306	--	--	NM	24
Georgia	4,130	6,389	-35.0%	4,084	6,339	--	--	--	--	46	50
Maryland	1,263	1,785	-29.0%	--	--	1,249	1,770	--	--	14	15
North Carolina	4,431	5,172	-14.0%	4,281	4,916	131	219	--	3	NM	34
South Carolina	2,459	3,406	-28.0%	2,450	3,388	--	NM	--	--	10	13
Virginia	1,049	1,788	-41.0%	865	1,551	137	185	NM	NM	45	50
West Virginia	5,507	5,556	-0.9%	3,869	4,170	1,621	1,349	--	--	17	38
East South Central	14,099	16,924	-17.0%	13,699	16,599	259	173	NM	NM	140	151
Alabama	3,439	5,032	-32.0%	3,404	4,986	7	9	--	--	28	37
Kentucky	6,575	6,986	-5.9%	6,575	6,986	--	--	--	--	--	--
Mississippi	642	889	-28.0%	390	725	252	164	--	--	--	--
Tennessee	3,443	4,017	-14.0%	3,329	3,902	--	--	NM	NM	113	113
West South Central	17,465	20,292	-14.0%	9,808	10,839	7,625	8,980	--	--	32	473
Arkansas	2,597	2,283	14.0%	2,155	1,974	436	299	--	--	6	10
Louisiana	1,678	1,774	-5.4%	733	1,026	945	748	--	--	--	--
Oklahoma	2,415	2,843	-15.0%	2,284	2,634	105	169	--	--	NM	40
Texas	10,775	13,391	-20.0%	4,636	5,205	6,139	7,763	--	--	--	422
Mountain	12,973	13,963	-7.1%	12,451	13,057	484	814	--	--	38	92
Arizona	3,168	3,330	-4.9%	3,152	3,305	--	--	--	--	NM	25
Colorado	2,455	2,313	6.1%	2,445	2,297	NM	NM	--	--	--	--
Idaho	NM	NM	NM	--	--	--	--	--	--	NM	NM
Montana	429	713	-40.0%	NM	NM	411	693	--	--	--	--
Nevada	81	298	-73.0%	80	263	1	35	--	--	--	--
New Mexico	2,014	1,949	3.4%	2,014	1,949	--	--	--	--	--	--
Utah	2,049	2,741	-25.0%	2,022	2,668	NM	NM	--	--	*	43
Wyoming	2,772	2,613	6.1%	2,719	2,555	NM	NM	--	--	16	NM
Pacific Contiguous	106	190	-44.0%	--	--	70	157	--	--	36	33
California	104	188	-45.0%	--	--	70	157	--	--	34	31
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	3	2	24.0%	--	--	--	--	--	--	3	2
Pacific Noncontiguous	188	185	1.4%	19	16	145	146	21	20	NM	NM
Alaska	55	52	5.9%	19	16	15	NM	21	20	--	--
Hawaii	132	133	-0.3%	--	--	130	130	--	--	NM	NM
U.S. Total	116,476	137,493	-15.0%	88,093	104,414	27,269	31,380	67	77	1,048	1,622

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.7.B. Net Generation from Coal by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	NM	4,214	NM	NM	1,204	NM	2,989	--	--	NM	NM
Connecticut	24	244	-90.0%	--	--	24	244	--	--	--	--
Maine	15	27	-46.0%	--	--	11	20	--	--	4	8
Massachusetts	NM	2,738	NM	--	--	NM	2,726	--	--	NM	NM
New Hampshire	NM	1,204	NM	NM	1,204	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	35,204	47,436	-26.0%	1	NM	34,627	46,767	1	2	577	637
New Jersey	491	1,986	-75.0%	--	--	491	1,986	--	--	--	--
New York	NM	4,699	NM	1	NM	NM	4,516	--	1	134	151
Pennsylvania	33,110	40,750	-19.0%	--	--	32,666	40,264	1	*	443	486
East North Central	131,367	160,612	-18.0%	93,007	115,489	36,924	43,545	136	197	1,300	1,381
Illinois	31,066	35,781	-13.0%	4,428	4,410	25,919	30,587	17	22	701	762
Indiana	35,506	41,034	-13.0%	32,794	37,412	2,644	3,551	50	NM	NM	NM
Michigan	19,373	23,328	-17.0%	19,112	22,964	142	160	60	112	NM	NM
Ohio	34,293	44,320	-23.0%	25,906	34,941	8,218	9,247	--	--	169	131
Wisconsin	11,130	16,149	-31.0%	10,767	15,762	--	--	NM	NM	354	379
West North Central	80,890	94,199	-14.0%	79,638	92,906	--	--	82	100	1,170	1,194
Iowa	13,236	15,084	-12.0%	12,423	14,274	--	--	NM	NM	753	748
Kansas	9,889	12,586	-21.0%	9,889	12,586	--	--	--	--	--	--
Minnesota	8,378	12,248	-32.0%	8,034	11,894	--	--	--	--	344	353
Missouri	27,592	31,695	-13.0%	27,553	31,622	--	--	23	38	NM	NM
Nebraska	9,355	9,805	-4.6%	9,339	9,789	--	--	--	--	NM	NM
North Dakota	11,399	11,432	-0.3%	11,359	11,391	--	--	--	--	NM	NM
South Dakota	1,041	1,349	-23.0%	1,041	1,349	--	--	--	--	--	--
South Atlantic	99,285	137,737	-28.0%	83,373	115,151	14,971	21,417	NM	NM	925	1,141
Delaware	359	694	-48.0%	--	--	359	694	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	16,686	21,524	-22.0%	15,844	20,186	759	1,213	--	--	NM	NM
Georgia	15,967	25,849	-38.0%	15,742	25,563	--	--	--	--	225	286
Maryland	4,823	9,307	-48.0%	--	--	4,756	9,224	--	--	67	83
North Carolina	19,226	25,750	-25.0%	18,395	24,639	707	943	11	19	NM	NM
South Carolina	11,432	14,391	-21.0%	11,368	14,292	NM	NM	--	--	60	79
Virginia	5,083	9,378	-46.0%	4,367	8,105	NM	1,001	NM	NM	236	264
West Virginia	25,709	30,842	-17.0%	17,657	22,366	7,910	8,324	--	--	142	153
East South Central	60,781	83,483	-27.0%	58,998	81,738	1,084	1,010	NM	NM	691	726
Alabama	14,606	23,580	-38.0%	14,444	23,344	12	62	--	--	NM	174
Kentucky	31,981	37,577	-15.0%	31,981	37,577	--	--	--	--	--	--
Mississippi	2,725	3,744	-27.0%	1,653	2,796	1,072	948	--	--	--	--
Tennessee	11,469	18,582	-38.0%	10,920	18,021	--	--	NM	NM	541	553
West South Central	78,195	97,998	-20.0%	44,885	52,849	31,981	43,286	--	--	1,328	1,863
Arkansas	11,764	11,597	1.4%	9,843	9,849	1,880	1,698	--	--	41	50
Louisiana	7,135	9,537	-25.0%	3,438	4,287	3,697	5,250	--	--	--	--
Oklahoma	11,070	14,173	-22.0%	10,453	13,325	490	675	--	--	NM	NM
Texas	48,227	62,692	-23.0%	21,152	25,387	25,914	35,664	--	--	1,160	1,641
Mountain	71,517	76,534	-6.6%	65,362	69,931	5,890	6,338	--	--	NM	265
Arizona	15,581	16,783	-7.2%	15,503	16,677	--	--	--	--	NM	NM
Colorado	13,240	13,731	-3.6%	13,189	13,662	NM	NM	--	--	--	--
Idaho	NM	NM	NM	--	--	--	--	--	--	NM	NM
Montana	5,216	5,529	-5.7%	NM	NM	5,112	5,412	--	--	--	--
Nevada	885	1,564	-43.0%	513	1,096	372	468	--	--	--	--
New Mexico	9,412	10,962	-14.0%	9,412	10,962	--	--	--	--	--	--
Utah	10,991	12,652	-13.0%	10,778	12,456	NM	NM	--	--	75	43
Wyoming	16,162	15,282	5.8%	15,864	14,961	NM	NM	--	--	NM	NM
Pacific Contiguous	1,909	2,681	-29.0%	797	992	955	1,528	--	--	157	162
California	694	865	-20.0%	--	--	553	715	--	--	141	150
Oregon	797	992	-20.0%	797	992	--	--	--	--	--	--
Washington	419	824	-49.0%	--	--	402	813	--	--	17	12
Pacific Noncontiguous	883	888	-0.5%	92	71	676	693	105	110	NM	NM
Alaska	272	258	5.4%	92	71	NM	NM	105	110	--	--
Hawaii	611	630	-2.9%	--	--	601	615	--	--	NM	NM
U.S. Total	561,385	705,782	-20.0%	426,734	530,360	127,862	167,573	349	444	6,440	7,404

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

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

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.8.A. Net Generation from Petroleum Liquids by State, by Sector May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	19	15	28.0%	NM	2	9	3	NM	NM	4	6
Connecticut	8	NM	NM	NM	NM	8	NM	--	--	NM	NM
Maine	5	6	-26.0%	NM	NM	NM	NM	NM	NM	4	6
Massachusetts	4	6	-21.0%	NM	NM	1	3	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	*	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	1	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	56	97	-43.0%	13	19	35	70	NM	NM	6	8
New Jersey	NM	6	NM	NM	NM	NM	5	NM	NM	NM	NM
New York	29	39	-26.0%	13	18	9	12	NM	*	5	8
Pennsylvania	26	53	-52.0%	NM	NM	25	53	NM	NM	NM	NM
East North Central	45	70	-36.0%	40	58	4	11	NM	NM	NM	1
Illinois	5	8	-34.0%	2	2	3	6	NM	NM	NM	NM
Indiana	11	15	-27.0%	10	14	NM	NM	NM	NM	*	*
Michigan	14	16	-7.4%	14	15	*	NM	NM	*	*	*
Ohio	12	28	-57.0%	12	24	*	4	--	--	*	*
Wisconsin	2	3	-26.0%	2	3	*	*	NM	NM	NM	NM
West North Central	35	27	29.0%	31	26	4	NM	NM	NM	NM	NM
Iowa	12	7	71.0%	12	7	NM	NM	NM	NM	NM	NM
Kansas	3	3	0.8%	3	3	--	--	--	--	--	--
Minnesota	6	2	235.0%	2	1	3	NM	NM	NM	NM	NM
Missouri	5	9	-44.0%	5	9	--	--	NM	NM	--	NM
Nebraska	3	1	148.0%	3	1	--	--	--	--	--	--
North Dakota	5	5	12.0%	5	4	--	--	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
South Atlantic	166	324	-49.0%	134	287	24	26	NM	NM	8	11
Delaware	2	2	-26.0%	NM	NM	2	2	--	--	--	--
District of Columbia	6	3	84.0%	--	--	6	3	--	--	--	--
Florida	71	186	-62.0%	69	182	NM	1	--	--	NM	3
Georgia	7	9	-22.0%	4	6	NM	NM	NM	NM	3	3
Maryland	10	13	-27.0%	NM	NM	9	12	NM	NM	*	*
North Carolina	25	25	-1.0%	24	23	NM	NM	NM	NM	NM	NM
South Carolina	9	11	-11.0%	9	10	--	--	NM	NM	1	1
Virginia	23	54	-57.0%	14	46	7	7	*	*	NM	2
West Virginia	13	21	-38.0%	13	21	--	--	--	--	--	--
East South Central	35	64	-45.0%	33	59	NM	*	--	--	NM	5
Alabama	9	16	-43.0%	7	11	NM	*	--	--	NM	NM
Kentucky	10	13	-26.0%	10	13	--	--	--	--	--	--
Mississippi	3	2	73.0%	3	1	--	--	--	--	*	*
Tennessee	13	33	-60.0%	13	33	--	--	--	--	NM	NM
West South Central	20	18	10.0%	10	11	9	6	NM	NM	NM	NM
Arkansas	2	4	-63.0%	1	2	*	2	--	--	NM	NM
Louisiana	6	10	-37.0%	3	7	2	3	--	--	1	*
Oklahoma	3	NM	NM	3	1	--	--	NM	NM	NM	NM
Texas	10	4	175.0%	3	1	7	2	NM	NM	NM	NM
Mountain	19	25	-24.0%	17	24	3	1	NM	NM	NM	NM
Arizona	5	6	-20.0%	5	6	--	--	NM	NM	NM	NM
Colorado	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	2	NM	NM	NM	NM	2	NM	--	--	--	--
Nevada	1	1	22.0%	*	*	1	1	--	--	--	--
New Mexico	3	5	-40.0%	3	5	NM	--	--	NM	NM	NM
Utah	3	5	-49.0%	3	5	--	--	--	--	--	--
Wyoming	5	7	-34.0%	5	7	--	--	--	--	NM	NM
Pacific Contiguous	4	4	11.0%	3	3	NM	NM	NM	NM	NM	NM
California	3	3	8.8%	3	3	*	NM	NM	NM	NM	NM
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Pacific Noncontiguous	665	694	-4.2%	520	554	137	133	NM	NM	8	6
Alaska	78	62	26.0%	74	58	--	--	NM	NM	NM	3
Hawaii	587	632	-7.1%	446	496	137	133	*	*	5	NM
U.S. Total	1,064	1,338	-20.0%	802	1,042	225	251	6	6	31	39

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

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.8.B. Net Generation from Petroleum Liquids by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	120	332	-64.0%	NM	73	61	187	NM	NM	22	47
Connecticut	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Maine	45	104	-57.0%	NM	NM	NM	NM	NM	NM	22	46
Massachusetts	43	112	-62.0%	NM	NM	26	69	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	40	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	182	623	-71.0%	NM	152	113	417	NM	NM	NM	52
New Jersey	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
New York	108	379	-71.0%	NM	150	NM	179	NM	NM	31	49
Pennsylvania	70	199	-65.0%	NM	NM	68	197	NM	NM	NM	NM
East North Central	244	347	-30.0%	206	297	33	41	NM	NM	NM	NM
Illinois	27	34	-20.0%	9	NM	18	23	NM	NM	NM	NM
Indiana	47	74	-37.0%	44	69	NM	NM	NM	NM	2	4
Michigan	64	81	-21.0%	63	80	NM	NM	NM	1	1	1
Ohio	97	145	-33.0%	84	128	13	17	--	--	1	1
Wisconsin	NM	12	NM	NM	11	1	1	NM	NM	NM	NM
West North Central	120	124	-3.3%	113	120	NM	NM	NM	NM	NM	NM
Iowa	37	26	41.0%	36	26	NM	NM	NM	NM	NM	NM
Kansas	13	19	-28.0%	13	19	--	--	--	--	--	--
Minnesota	NM	12	NM	NM	10	NM	NM	NM	NM	NM	NM
Missouri	28	36	-24.0%	28	36	--	--	NM	NM	--	NM
Nebraska	13	13	-1.4%	13	13	--	--	--	--	--	--
North Dakota	15	NM	NM	14	14	--	--	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
South Atlantic	607	1,517	-60.0%	461	1,280	94	156	NM	NM	50	79
Delaware	NM	20	NM	NM	NM	NM	19	--	--	--	--
District of Columbia	9	5	78.0%	--	--	9	5	--	--	--	--
Florida	202	889	-77.0%	192	867	NM	NM	--	--	NM	NM
Georgia	48	69	-32.0%	29	33	NM	NM	NM	NM	17	33
Maryland	40	65	-39.0%	NM	NM	32	62	NM	NM	6	1
North Carolina	98	115	-15.0%	92	102	NM	NM	NM	NM	NM	NM
South Carolina	50	57	-12.0%	46	51	--	--	NM	NM	4	6
Virginia	95	198	-52.0%	41	138	43	48	*	1	NM	NM
West Virginia	58	98	-40.0%	58	87	--	10	--	--	--	--
East South Central	163	255	-36.0%	152	229	NM	NM	--	--	NM	NM
Alabama	38	69	-46.0%	28	46	NM	NM	--	--	NM	NM
Kentucky	45	58	-21.0%	45	58	--	--	--	--	--	--
Mississippi	NM	NM	NM	NM	NM	--	--	--	--	1	1
Tennessee	73	100	-27.0%	73	99	--	--	--	--	NM	NM
West South Central	69	151	-54.0%	30	86	29	60	NM	NM	NM	NM
Arkansas	16	28	-44.0%	9	15	5	12	--	--	NM	NM
Louisiana	15	27	-43.0%	NM	18	6	7	--	--	4	2
Oklahoma	NM	NM	NM	6	6	--	--	NM	NM	NM	NM
Texas	32	89	-64.0%	11	47	17	40	NM	NM	NM	NM
Mountain	90	NM	NM	84	NM	NM	9	NM	NM	NM	NM
Arizona	22	NM	NM	21	NM	--	--	NM	NM	NM	NM
Colorado	NM	NM	NM	NM	NM	*	3	--	*	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Nevada	7	NM	NM	5	NM	2	2	--	--	--	--
New Mexico	19	NM	NM	19	NM	NM	--	--	NM	NM	NM
Utah	16	22	-28.0%	16	22	--	--	--	--	--	--
Wyoming	16	26	-36.0%	16	26	--	--	--	--	NM	NM
Pacific Contiguous	30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
California	20	NM	NM	13	NM	NM	NM	NM	NM	NM	NM
Oregon	1	3	-56.0%	1	2	--	--	--	--	--	1
Washington	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Pacific Noncontiguous	3,402	3,543	-4.0%	2,783	2,848	551	641	NM	NM	65	NM
Alaska	409	380	7.6%	391	361	--	--	NM	NM	NM	17
Hawaii	2,993	3,163	-5.4%	2,392	2,487	551	641	1	*	NM	NM
U.S. Total	5,027	7,028	-28.0%	3,901	5,200	900	1,520	NM	NM	202	NM

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

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.9.A. Net Generation from Petroleum Coke by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	--	5	--	--	NM	NM
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	--	5	-100.0%	--	--	--	5	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	95	150	-37.0%	NM	22	71	97	--	--	NM	30
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	NM	NM	NM	NM	NM	6	6	--	--	NM	NM
Ohio	71	100	-29.0%	--	--	65	91	--	--	NM	NM
Wisconsin	14	37	-64.0%	1	21	--	--	--	--	12	16
West North Central	*	6	-101.0%	*	6	--	--	--	--	--	--
Iowa	*	5	-101.0%	*	5	--	--	--	--	--	--
Kansas	--	1	-100.0%	--	1	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	25	133	-81.0%	--	98	--	--	--	--	25	35
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	98	-100.0%	--	98	--	--	--	--	--	--
Georgia	25	35	-30.0%	--	--	--	--	--	--	25	35
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	149	157	-4.9%	149	157	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	149	157	-4.9%	149	157	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	292	283	3.0%	194	233	--	17	--	--	98	34
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	209	255	-18.0%	194	233	--	--	--	--	NM	NM
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	82	28	189.0%	--	--	--	17	--	--	82	12
Mountain	42	42	0.4%	--	--	42	42	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	42	42	0.4%	--	--	42	42	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	NM	82	NM	--	--	NM	82	--	--	--	--
California	NM	82	NM	--	--	NM	82	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	613	860	-29.0%	346	516	122	243	--	--	145	100

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.9.B. Net Generation from Petroleum Coke by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	NM	191	--	--	NM	NM
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	NM	191	NM	--	--	NM	191	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	558	797	-30.0%	NM	180	397	457	--	--	NM	NM
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	NM	NM	NM	NM	NM	30	29	--	--	NM	NM
Ohio	390	461	-15.0%	--	--	367	428	--	--	NM	NM
Wisconsin	109	261	-58.0%	27	171	--	--	--	--	83	89
West North Central	14	48	-71.0%	12	45	--	--	2	2	--	--
Iowa	14	37	-63.0%	12	35	--	--	2	2	--	--
Kansas	*	10	-101.0%	*	10	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	499	857	-42.0%	352	671	--	--	--	--	147	185
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	352	671	-48.0%	352	671	--	--	--	--	--	--
Georgia	147	185	-21.0%	--	--	--	--	--	--	147	185
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	474	719	-34.0%	474	719	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	474	719	-34.0%	474	719	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	1,764	2,198	-20.0%	1,191	1,883	--	122	--	--	573	NM
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	1,281	2,016	-36.0%	1,191	1,883	--	--	--	--	NM	NM
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	480	178	169.0%	--	--	--	122	--	--	480	NM
Mountain	204	185	10.0%	--	--	204	185	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	204	185	10.0%	--	--	204	185	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	NM	NM	NM	--	--	NM	NM	--	--	--	--
California	NM	NM	NM	--	--	NM	NM	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	3,709	5,372	-31.0%	2,062	3,499	792	1,326	2	2	853	545

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.10.A. Net Generation from Natural Gas by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	4,774	4,939	-3.3%	27	17	4,476	4,624	51	45	221	254
Connecticut	1,063	1,165	-8.8%	NM	NM	1,021	1,135	NM	NM	29	NM
Maine	292	617	-53.0%	--	--	121	403	NM	NM	171	214
Massachusetts	2,011	1,913	5.1%	21	14	1,933	1,848	38	36	NM	NM
New Hampshire	652	550	18.0%	*	*	650	548	--	--	NM	NM
Rhode Island	757	694	9.1%	--	--	752	689	NM	NM	--	--
Vermont	*	*	-50.0%	*	*	--	--	--	--	--	--
Middle Atlantic	11,894	9,266	28.0%	1,171	969	10,563	8,163	48	44	112	91
New Jersey	2,696	1,971	37.0%	--	--	2,645	1,931	NM	NM	42	NM
New York	5,184	3,808	36.0%	1,169	967	3,963	2,792	32	31	19	NM
Pennsylvania	4,015	3,487	15.0%	NM	NM	3,955	3,440	NM	NM	50	40
East North Central	7,704	3,596	114.0%	2,858	907	4,661	2,554	63	51	122	84
Illinois	873	578	51.0%	NM	34	772	475	23	38	36	NM
Indiana	1,414	671	111.0%	1,128	450	235	184	NM	NM	47	NM
Michigan	2,386	827	189.0%	399	75	1,952	741	NM	NM	NM	NM
Ohio	1,647	943	75.0%	597	77	1,045	862	--	--	NM	NM
Wisconsin	1,383	577	140.0%	691	272	657	292	NM	NM	NM	NM
West North Central	2,114	548	285.0%	1,703	483	388	53	NM	NM	NM	NM
Iowa	181	NM	NM	179	NM	NM	NM	NM	NM	NM	NM
Kansas	399	135	196.0%	399	135	--	--	--	--	--	--
Minnesota	786	132	496.0%	631	99	143	25	NM	NM	NM	NM
Missouri	613	227	170.0%	359	197	245	28	9	2	NM	NM
Nebraska	94	NM	NM	94	NM	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
South Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Atlantic	24,241	17,435	39.0%	18,315	14,033	5,668	3,138	NM	NM	244	260
Delaware	642	445	44.0%	NM	NM	609	362	--	--	30	80
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	13,915	11,753	18.0%	12,403	10,614	1,384	1,010	NM	NM	124	126
Georgia	3,973	2,096	90.0%	2,335	1,094	1,583	965	--	--	56	38
Maryland	829	231	258.0%	--	--	804	226	NM	*	15	NM
North Carolina	1,625	956	70.0%	1,318	760	299	192	--	*	NM	NM
South Carolina	1,269	1,095	16.0%	1,052	990	214	105	NM	NM	3	1
Virginia	1,959	820	139.0%	1,199	559	753	254	--	--	NM	NM
West Virginia	27	38	-29.0%	3	14	23	24	--	--	NM	NM
East South Central	10,357	6,391	62.0%	5,289	3,549	4,896	2,711	NM	NM	162	123
Alabama	5,323	3,307	61.0%	1,322	1,259	3,888	1,974	--	--	113	74
Kentucky	485	168	189.0%	423	138	47	13	--	--	NM	NM
Mississippi	3,779	2,420	56.0%	2,785	1,668	962	724	NM	NM	31	26
Tennessee	769	496	55.0%	759	484	--	--	NM	NM	NM	7
West South Central	30,654	23,700	29.0%	8,890	6,442	16,513	12,333	44	41	5,207	4,884
Arkansas	1,510	900	68.0%	281	223	1,214	660	NM	NM	15	17
Louisiana	5,773	4,900	18.0%	2,492	2,176	1,174	599	NM	NM	2,103	2,121
Oklahoma	3,890	2,211	76.0%	2,431	1,592	1,446	608	NM	NM	NM	NM
Texas	19,482	15,688	24.0%	3,686	2,451	12,680	10,465	36	35	3,080	2,736
Mountain	6,869	4,653	48.0%	4,424	2,855	2,310	1,715	NM	18	117	65
Arizona	2,156	1,066	102.0%	1,294	596	851	463	NM	NM	NM	NM
Colorado	1,028	827	24.0%	560	360	467	465	--	1	NM	NM
Idaho	NM	NM	NM	NM	NM	NM	15	--	--	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	2,273	1,639	39.0%	1,658	1,148	591	474	NM	NM	NM	12
New Mexico	728	646	13.0%	392	363	329	278	NM	NM	NM	--
Utah	586	410	43.0%	469	373	57	NM	NM	--	59	19
Wyoming	NM	34	NM	NM	NM	NM	NM	--	--	31	30
Pacific Contiguous	9,042	4,956	82.0%	2,952	1,309	4,934	2,427	99	158	1,057	1,062
California	8,671	4,671	86.0%	2,846	1,234	4,680	2,224	97	157	1,048	1,056
Oregon	209	190	10.0%	NM	41	200	146	--	--	NM	NM
Washington	162	95	70.0%	NM	NM	55	57	NM	NM	3	3
Pacific Noncontiguous	278	285	-2.4%	276	283	--	--	NM	NM	NM	NM
Alaska	278	285	-2.4%	276	283	--	--	NM	NM	NM	NM
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	107,928	75,769	42.0%	45,904	30,848	54,410	37,719	364	373	7,249	6,829

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.10.B. Net Generation from Natural Gas by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	23,317	23,522	-0.9%	NM	102	21,736	22,032	246	237	1,255	1,151
Connecticut	5,529	5,247	5.4%	NM	NM	5,343	5,093	NM	NM	NM	NM
Maine	2,556	2,671	-4.3%	--	--	1,515	1,704	NM	NM	1,041	967
Massachusetts	8,862	9,631	-8.0%	NM	69	8,547	9,314	185	189	NM	NM
New Hampshire	3,093	2,812	10.0%	NM	20	3,077	2,782	--	--	NM	NM
Rhode Island	3,277	3,160	3.7%	--	--	3,255	3,139	NM	NM	--	--
Vermont	1	1	-23.0%	1	1	--	--	--	--	--	--
Middle Atlantic	53,809	42,476	27.0%	4,722	4,654	48,258	37,045	271	251	558	526
New Jersey	10,568	9,378	13.0%	--	--	10,312	9,141	NM	NM	213	NM
New York	21,345	17,743	20.0%	4,714	4,649	16,322	12,800	201	189	NM	NM
Pennsylvania	21,896	15,355	43.0%	NM	NM	21,623	15,105	NM	NM	238	224
East North Central	35,869	16,857	113.0%	12,563	4,950	22,357	11,195	359	244	590	469
Illinois	4,354	1,852	135.0%	NM	NM	3,943	1,460	176	191	NM	NM
Indiana	6,613	4,029	64.0%	5,429	2,885	923	914	NM	NM	243	NM
Michigan	10,533	4,431	138.0%	NM	NM	8,443	4,144	NM	NM	NM	NM
Ohio	9,233	4,303	115.0%	2,393	784	6,818	3,501	--	--	NM	NM
Wisconsin	5,136	2,243	129.0%	2,772	1,004	2,230	1,176	NM	NM	NM	NM
West North Central	6,399	3,057	109.0%	5,380	2,598	874	NM	NM	NM	NM	NM
Iowa	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Kansas	1,023	581	76.0%	1,023	581	--	--	--	--	--	--
Minnesota	2,645	865	206.0%	2,253	668	313	NM	NM	NM	NM	NM
Missouri	2,047	1,312	56.0%	1,440	1,070	NM	NM	46	1	NM	NM
Nebraska	NM	NM	NM	NM	NM	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
South Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Atlantic	102,262	75,373	36.0%	78,529	60,545	22,515	13,909	NM	NM	1,171	908
Delaware	2,884	1,448	99.0%	NM	NM	2,708	1,358	--	--	160	80
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	59,281	51,627	15.0%	53,696	47,527	4,981	3,539	NM	NM	589	551
Georgia	15,276	8,681	76.0%	8,667	4,289	6,337	4,198	--	--	272	194
Maryland	2,123	538	294.0%	--	--	2,049	515	NM	NM	NM	NM
North Carolina	7,568	3,013	151.0%	6,111	2,054	1,412	938	2	*	NM	NM
South Carolina	5,270	4,606	14.0%	4,476	4,287	780	313	NM	NM	13	5
Virginia	9,760	5,396	81.0%	5,544	2,360	4,171	3,006	--	--	NM	NM
West Virginia	NM	63	NM	NM	18	78	42	--	--	NM	NM
East South Central	43,466	27,750	57.0%	22,549	14,806	20,120	12,253	NM	NM	755	654
Alabama	23,239	15,846	47.0%	5,910	5,512	16,831	9,932	--	--	499	402
Kentucky	1,478	485	205.0%	1,303	374	89	17	--	--	NM	NM
Mississippi	16,196	10,253	58.0%	12,834	7,812	3,200	2,303	NM	NM	NM	129
Tennessee	2,553	1,166	119.0%	2,502	1,109	--	--	NM	NM	NM	28
West South Central	129,859	105,490	23.0%	32,802	27,339	71,852	53,781	192	181	25,013	24,190
Arkansas	6,676	4,284	56.0%	785	669	5,797	3,513	NM	NM	93	102
Louisiana	22,918	22,118	3.6%	8,454	8,889	4,726	3,150	NM	NM	9,718	10,061
Oklahoma	15,693	10,175	54.0%	10,504	7,351	5,123	2,771	NM	NM	NM	NM
Texas	84,572	68,913	23.0%	13,059	10,430	56,205	44,347	158	154	15,150	13,982
Mountain	30,668	23,096	33.0%	18,355	13,105	11,780	9,541	NM	NM	450	371
Arizona	10,470	5,895	78.0%	4,929	2,461	5,507	3,405	NM	NM	NM	NM
Colorado	4,139	3,911	5.8%	2,414	1,847	1,719	2,058	*	1	NM	NM
Idaho	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	8,996	7,692	17.0%	6,668	5,245	2,212	2,350	NM	NM	NM	NM
New Mexico	3,415	3,066	11.0%	1,865	1,657	1,516	1,380	NM	NM	NM	1
Utah	2,747	2,044	34.0%	2,361	1,832	NM	NM	NM	*	124	NM
Wyoming	NM	207	NM	NM	NM	NM	NM	--	--	200	191
Pacific Contiguous	51,779	33,614	54.0%	16,600	9,371	29,733	18,729	484	735	4,962	4,778
California	44,823	30,331	48.0%	13,352	8,361	26,104	16,525	474	730	4,893	4,714
Oregon	4,892	2,309	112.0%	NM	NM	3,250	1,828	--	--	NM	NM
Washington	2,063	974	112.0%	NM	NM	378	376	NM	NM	27	29
Pacific Noncontiguous	1,595	1,541	3.5%	1,569	1,521	--	--	NM	NM	NM	NM
Alaska	1,595	1,541	3.5%	1,569	1,521	--	--	NM	NM	NM	NM
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	479,022	352,776	36.0%	193,148	138,991	249,224	178,860	1,829	1,813	34,822	33,112

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

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.11.A. Net Generation from Other Gases by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	*	*	107.0%	--	--	*	*	--	--	--	--
Connecticut	*	*	107.0%	--	--	*	*	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	73	58	26.0%	--	--	11	7	NM	NM	61	50
New Jersey	13	NM	NM	--	--	--	--	NM	NM	12	NM
New York	--	--	NM	--	--	--	--	--	--	--	--
Pennsylvania	61	49	25.0%	--	--	11	7	--	--	50	42
East North Central	323	224	44.0%	37	--	27	25	--	--	258	199
Illinois	11	NM	NM	--	--	1	*	--	--	10	NM
Indiana	265	176	50.0%	36	--	--	--	--	--	229	176
Michigan	19	17	11.0%	--	--	19	17	--	--	--	--
Ohio	29	23	26.0%	2	--	8	8	--	--	19	15
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	NM	NM	NM	1	*	--	--	--	--	NM	NM
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	NM	NM	--	NM	--	--	--	--	--	--
Missouri	1	*	103.0%	1	*	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	NM	NM	NM	--	--	--	--	--	--	NM	NM
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	46	24	91.0%	--	--	1	3	--	--	44	21
Delaware	18	18	-1.9%	--	--	--	--	--	--	18	18
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	2	1	270.0%	--	--	1	*	--	--	1	1
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	24	3	828.0%	--	--	--	3	--	--	24	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	2	3	-38.0%	--	--	--	--	--	--	2	3
East South Central	31	6	454.0%	1	*	--	--	--	--	31	5
Alabama	29	4	576.0%	--	--	--	--	--	--	29	4
Kentucky	1	*	267.0%	1	*	--	--	--	--	--	--
Mississippi	--	*	-100.0%	--	--	--	--	--	--	--	*
Tennessee	1	1	20.0%	--	--	--	--	--	--	1	1
West South Central	356	362	-1.5%	--	--	154	184	--	--	203	178
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	89	67	33.0%	--	--	24	22	--	--	65	45
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	268	295	-9.2%	--	--	130	162	--	--	138	132
Mountain	24	26	-5.9%	--	--	1	1	--	--	24	25
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	NM	NM	NM	--	--	*	*	--	--	NM	NM
Nevada	1	1	-4.4%	--	--	1	1	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	NM	NM	NM	--	--	--	--	--	--	NM	NM
Wyoming	21	22	-6.1%	--	--	--	--	--	--	21	22
Pacific Contiguous	175	144	22.0%	NM	7	37	23	--	--	137	114
California	138	121	14.0%	NM	7	*	*	--	--	137	114
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	37	23	62.0%	--	--	37	23	--	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	--	--	--	--	NM	NM
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	--	--	--	--	NM	NM
U.S. Total	1,034	848	22.0%	39	7	231	243	NM	NM	762	597

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Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.11.B. Net Generation from Other Gases by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	1	*	31.0%	--	--	1	*	--	--	--	--
Connecticut	1	*	31.0%	--	--	1	*	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	377	290	30.0%	--	--	45	NM	NM	NM	327	269
New Jersey	NM	NM	NM	--	--	--	--	NM	NM	NM	NM
New York	--	--	NM	--	--	--	--	--	--	--	--
Pennsylvania	315	241	31.0%	--	--	45	NM	--	--	270	221
East North Central	1,701	1,048	62.0%	373	*	159	147	--	--	1,169	901
Illinois	NM	NM	NM	--	--	1	*	--	--	NM	NM
Indiana	1,406	818	72.0%	373	--	--	--	--	--	1,033	818
Michigan	131	108	22.0%	--	--	131	108	--	--	--	--
Ohio	114	85	34.0%	*	*	27	39	--	--	87	NM
Wisconsin	--	*	-100.0%	--	*	--	--	--	--	--	--
West North Central	NM	NM	NM	6	2	--	--	--	--	NM	NM
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	NM	NM	--	NM	--	--	--	--	--	--
Missouri	6	2	181.0%	6	2	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	NM	NM	NM	--	--	--	--	--	--	NM	NM
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	223	37	504.0%	--	--	57	3	--	--	166	34
Delaware	92	18	418.0%	--	--	--	--	--	--	92	18
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	9	3	231.0%	--	--	5	*	--	--	4	3
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	109	3	NM	--	--	52	3	--	--	58	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	12	14	-12.0%	--	--	--	--	--	--	12	14
East South Central	104	54	91.0%	1	1	--	--	--	--	103	53
Alabama	97	47	106.0%	--	--	--	--	--	--	97	47
Kentucky	1	1	-24.0%	1	1	--	--	--	--	--	--
Mississippi	--	*	-100.0%	--	--	--	--	--	--	--	*
Tennessee	6	6	2.1%	--	--	--	--	--	--	6	6
West South Central	1,839	2,026	-9.2%	--	--	814	903	--	--	1,025	1,123
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	537	565	-5.0%	--	--	115	102	--	--	422	463
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	1,302	1,461	-11.0%	--	--	699	801	--	--	603	660
Mountain	149	150	-0.8%	--	--	3	3	--	--	146	147
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	NM	NM	NM	--	--	*	*	--	--	NM	NM
Nevada	3	3	2.6%	--	--	3	3	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	NM	NM	NM	--	--	--	--	--	--	NM	NM
Wyoming	131	132	-1.2%	--	--	--	--	--	--	131	132
Pacific Contiguous	896	763	17.0%	NM	NM	170	113	--	--	722	640
California	727	650	12.0%	NM	NM	NM	*	--	--	722	640
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	169	113	50.0%	--	--	169	113	--	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	--	--	--	--	NM	NM
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	--	--	--	--	NM	NM
U.S. Total	5,317	4,395	21.0%	NM	NM	1,248	1,189	NM	NM	3,680	3,191

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Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.12.A. Net Generation from Nuclear Energy by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	3,211	2,371	35.0%	--	--	3,211	2,371	--	--	--	--
Connecticut	1,547	1,502	3.0%	--	--	1,547	1,502	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	442	201	120.0%	--	--	442	201	--	--	--	--
New Hampshire	785	218	260.0%	--	--	785	218	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	436	451	-3.2%	--	--	436	451	--	--	--	--
Middle Atlantic	11,380	11,428	-0.4%	--	--	11,380	11,428	--	--	--	--
New Jersey	2,602	2,678	-2.9%	--	--	2,602	2,678	--	--	--	--
New York	3,061	3,059	0.1%	--	--	3,061	3,059	--	--	--	--
Pennsylvania	5,717	5,691	0.5%	--	--	5,717	5,691	--	--	--	--
East North Central	12,765	11,988	6.5%	2,216	2,409	10,549	9,579	--	--	--	--
Illinois	7,994	7,507	6.5%	--	--	7,994	7,507	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	2,554	3,010	-15.0%	2,216	2,409	338	601	--	--	--	--
Ohio	1,044	666	57.0%	--	--	1,044	666	--	--	--	--
Wisconsin	1,174	805	46.0%	--	--	1,174	805	--	--	--	--
West North Central	3,639	2,159	69.0%	3,193	1,705	446	453	--	--	--	--
Iowa	446	453	-1.6%	--	--	446	453	--	--	--	--
Kansas	888	-26	NM	888	-26	--	--	--	--	--	--
Minnesota	824	422	95.0%	824	422	--	--	--	--	--	--
Missouri	901	906	-0.5%	901	906	--	--	--	--	--	--
Nebraska	579	404	43.0%	579	404	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	15,075	14,178	6.3%	13,766	12,879	1,309	1,299	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	1,406	1,750	-20.0%	1,406	1,750	--	--	--	--	--	--
Georgia	2,892	2,722	6.2%	2,892	2,722	--	--	--	--	--	--
Maryland	1,309	1,299	0.8%	--	--	1,309	1,299	--	--	--	--
North Carolina	3,043	3,703	-18.0%	3,043	3,703	--	--	--	--	--	--
South Carolina	4,304	2,648	63.0%	4,304	2,648	--	--	--	--	--	--
Virginia	2,120	2,057	3.1%	2,120	2,057	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	5,414	3,930	38.0%	5,414	3,930	--	--	--	--	--	--
Alabama	2,995	1,589	88.0%	2,995	1,589	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	-10	905	-101.0%	-10	905	--	--	--	--	--	--
Tennessee	2,429	1,436	69.0%	2,429	1,436	--	--	--	--	--	--
West South Central	6,322	5,747	10.0%	2,520	2,366	3,803	3,380	--	--	--	--
Arkansas	1,372	1,170	17.0%	1,372	1,170	--	--	--	--	--	--
Louisiana	1,148	1,196	-4.0%	1,148	1,196	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	3,803	3,380	12.0%	--	--	3,803	3,380	--	--	--	--
Mountain	2,953	2,697	9.5%	2,953	2,697	--	--	--	--	--	--
Arizona	2,953	2,697	9.5%	2,953	2,697	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	1,323	2,519	-47.0%	1,323	2,519	--	--	--	--	--	--
California	823	2,519	-67.0%	823	2,519	--	--	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	500	--	NM	500	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	62,081	57,017	8.9%	31,384	28,505	30,697	28,511	--	--	--	--

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Table 1.12.B. Net Generation from Nuclear Energy by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	15,814	13,946	13.0%	--	--	15,814	13,946	--	--	--	--
Connecticut	7,650	6,992	9.4%	--	--	7,650	6,992	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	2,412	1,821	32.0%	--	--	2,412	1,821	--	--	--	--
New Hampshire	3,688	2,883	28.0%	--	--	3,688	2,883	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	2,064	2,250	-8.3%	--	--	2,064	2,250	--	--	--	--
Middle Atlantic	62,492	61,010	2.4%	--	--	62,492	61,010	--	--	--	--
New Jersey	14,058	13,861	1.4%	--	--	14,058	13,861	--	--	--	--
New York	16,515	16,597	-0.5%	--	--	16,515	16,597	--	--	--	--
Pennsylvania	31,919	30,552	4.5%	--	--	31,919	30,552	--	--	--	--
East North Central	64,096	62,784	2.1%	9,800	10,917	54,296	51,867	--	--	--	--
Illinois	39,650	38,601	2.7%	--	--	39,650	38,601	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	11,848	13,725	-14.0%	9,800	10,917	2,049	2,808	--	--	--	--
Ohio	6,697	6,220	7.7%	--	--	6,697	6,220	--	--	--	--
Wisconsin	5,900	4,239	39.0%	--	--	5,900	4,239	--	--	--	--
West North Central	16,492	16,144	2.2%	14,265	13,922	2,227	2,222	--	--	--	--
Iowa	2,227	2,222	0.2%	--	--	2,227	2,222	--	--	--	--
Kansas	2,187	2,147	1.9%	2,187	2,147	--	--	--	--	--	--
Minnesota	4,761	4,427	7.5%	4,761	4,427	--	--	--	--	--	--
Missouri	4,471	4,430	0.9%	4,471	4,430	--	--	--	--	--	--
Nebraska	2,846	2,918	-2.4%	2,846	2,918	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	73,942	74,074	-0.2%	68,952	68,364	4,990	5,710	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	7,206	7,511	-4.1%	7,206	7,511	--	--	--	--	--	--
Georgia	13,886	12,817	8.3%	13,886	12,817	--	--	--	--	--	--
Maryland	4,990	5,710	-13.0%	--	--	4,990	5,710	--	--	--	--
North Carolina	16,129	15,986	0.9%	16,129	15,986	--	--	--	--	--	--
South Carolina	20,435	20,422	0.1%	20,435	20,422	--	--	--	--	--	--
Virginia	11,296	11,630	-2.9%	11,296	11,630	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	29,248	29,587	-1.1%	29,248	29,587	--	--	--	--	--	--
Alabama	16,452	14,631	12.0%	16,452	14,631	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	1,409	4,400	-68.0%	1,409	4,400	--	--	--	--	--	--
Tennessee	11,386	10,557	7.9%	11,386	10,557	--	--	--	--	--	--
West South Central	28,914	27,759	4.2%	14,079	11,289	14,835	16,470	--	--	--	--
Arkansas	6,751	5,557	21.0%	6,751	5,557	--	--	--	--	--	--
Louisiana	7,329	5,732	28.0%	7,329	5,732	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	14,835	16,470	-9.9%	--	--	14,835	16,470	--	--	--	--
Mountain	13,302	13,040	2.0%	13,302	13,040	--	--	--	--	--	--
Arizona	13,302	13,040	2.0%	13,302	13,040	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	11,615	16,412	-29.0%	11,615	16,412	--	--	--	--	--	--
California	7,874	14,006	-44.0%	7,874	14,006	--	--	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	3,742	2,406	56.0%	3,742	2,406	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	315,914	314,758	0.4%	161,260	163,531	154,654	151,226	--	--	--	--

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	671	908	-26.0%	93	112	508	716	NM	NM	70	79
Connecticut	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Maine	302	375	-19.0%	--	--	235	299	--	--	68	75
Massachusetts	85	108	-21.0%	NM	NM	67	83	NM	NM	NM	NM
New Hampshire	157	252	-38.0%	39	41	118	210	--	--	NM	NM
Rhode Island	NM	NM	NM	--	--	NM	NM	--	--	--	--
Vermont	100	135	-26.0%	NM	NM	63	88	--	--	NM	NM
Middle Atlantic	2,354	2,876	-18.0%	1,905	2,269	445	601	NM	NM	NM	NM
New Jersey	1	2	-49.0%	--	--	NM	NM	--	--	--	--
New York	2,101	2,515	-16.0%	1,764	2,039	332	471	NM	NM	NM	NM
Pennsylvania	252	358	-30.0%	141	230	112	128	--	--	--	--
East North Central	516	503	2.6%	467	451	NM	NM	--	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Indiana	34	NM	NM	34	NM	--	--	--	--	--	--
Michigan	173	173	-0.1%	159	158	NM	NM	--	--	NM	NM
Ohio	25	NM	NM	25	NM	--	--	--	--	--	--
Wisconsin	274	276	-0.9%	246	248	NM	NM	--	NM	NM	NM
West North Central	1,224	1,569	-22.0%	1,179	1,527	NM	NM	--	--	NM	NM
Iowa	110	116	-4.5%	109	114	NM	NM	--	--	--	--
Kansas	NM	NM	NM	--	--	NM	NM	--	--	--	--
Minnesota	113	110	2.4%	71	71	NM	NM	--	--	NM	NM
Missouri	106	242	-56.0%	106	242	--	--	--	--	--	--
Nebraska	173	175	-1.1%	173	175	--	--	--	--	--	--
North Dakota	243	281	-14.0%	243	281	--	--	--	--	--	--
South Dakota	477	644	-26.0%	477	644	--	--	--	--	--	--
South Atlantic	1,157	1,428	-19.0%	800	955	284	392	NM	NM	74	79
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	NM	NM	NM	NM	NM	--	--	--	--	--	--
Georgia	210	274	-23.0%	207	271	NM	NM	--	--	NM	NM
Maryland	229	328	-30.0%	--	--	229	328	--	--	--	--
North Carolina	314	327	-4.1%	311	323	NM	NM	NM	NM	NM	NM
South Carolina	144	182	-21.0%	140	176	NM	NM	NM	NM	--	--
Virginia	99	128	-22.0%	94	121	NM	NM	--	--	NM	NM
West Virginia	149	171	-12.0%	NM	NM	43	48	--	--	71	76
East South Central	787	1,649	-52.0%	787	1,648	NM	NM	--	--	--	--
Alabama	290	611	-53.0%	290	611	--	--	--	--	--	--
Kentucky	102	296	-66.0%	102	295	NM	NM	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	395	743	-47.0%	395	743	--	--	--	--	--	--
West South Central	561	960	-42.0%	466	839	95	121	--	--	--	--
Arkansas	222	349	-36.0%	218	343	NM	NM	--	--	--	--
Louisiana	87	111	-22.0%	--	--	87	111	--	--	--	--
Oklahoma	179	386	-54.0%	179	386	--	--	--	--	--	--
Texas	72	113	-36.0%	69	109	NM	NM	--	--	--	--
Mountain	3,918	4,177	-6.2%	3,335	3,608	583	569	--	--	--	--
Arizona	643	836	-23.0%	643	836	--	--	--	--	--	--
Colorado	228	240	-5.0%	206	219	NM	NM	--	--	--	--
Idaho	1,267	1,209	4.9%	1,138	1,074	129	134	--	--	--	--
Montana	1,271	1,343	-5.4%	847	937	424	406	--	--	--	--
Nevada	235	231	1.7%	230	226	NM	NM	--	--	--	--
New Mexico	NM	NM	NM	NM	NM	--	--	--	--	--	--
Utah	103	101	2.0%	101	99	NM	NM	--	--	--	--
Wyoming	139	187	-26.0%	137	186	NM	NM	--	--	--	--
Pacific Contiguous	17,646	18,880	-6.5%	17,398	18,595	246	278	NM	7	NM	NM
California	3,377	5,126	-34.0%	3,191	4,904	185	221	NM	NM	NM	--
Oregon	4,288	4,269	0.4%	4,256	4,236	NM	NM	--	--	--	--
Washington	9,982	9,485	5.2%	9,951	9,454	NM	NM	--	6	NM	NM
Pacific Noncontiguous	157	155	1.5%	149	145	2	4	--	--	NM	NM
Alaska	147	143	2.8%	147	143	--	--	--	--	--	--
Hawaii	NM	NM	NM	NM	NM	2	4	--	--	NM	NM
U.S. Total	28,992	33,105	-12.0%	26,579	30,149	2,219	2,739	NM	NM	192	208

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.13.B. Net Generation from Hydroelectric (Conventional) Power by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	3,528	3,761	-6.2%	NM	497	2,718	2,952	NM	NM	NM	310
Connecticut	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Maine	1,624	1,690	-3.9%	--	--	1,316	1,396	--	--	308	293
Massachusetts	472	470	0.4%	NM	NM	363	358	NM	NM	NM	NM
New Hampshire	661	806	-18.0%	NM	175	NM	629	--	--	NM	NM
Rhode Island	NM	NM	NM	--	--	NM	NM	--	--	--	--
Vermont	NM	614	NM	NM	NM	NM	402	--	--	NM	NM
Middle Atlantic	13,106	12,448	5.3%	10,522	9,743	2,557	2,678	NM	NM	NM	NM
New Jersey	10	10	-7.1%	--	--	NM	NM	--	--	--	--
New York	11,925	11,006	8.3%	9,922	8,886	1,976	2,092	NM	NM	NM	NM
Pennsylvania	1,172	1,432	-18.0%	600	857	571	575	--	--	--	--
East North Central	2,232	2,385	-6.4%	2,019	2,143	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Indiana	176	NM	NM	176	NM	--	--	--	--	--	--
Michigan	703	784	-10.0%	642	714	NM	NM	--	--	NM	NM
Ohio	NM	NM	NM	NM	NM	--	--	--	--	--	--
Wisconsin	1,139	1,295	-12.0%	1,022	1,160	NM	NM	NM	NM	NM	NM
West North Central	5,495	5,752	-4.5%	5,309	5,556	NM	NM	--	--	NM	NM
Iowa	483	572	-16.0%	478	567	NM	NM	--	--	--	--
Kansas	NM	NM	NM	--	--	NM	NM	--	--	--	--
Minnesota	465	513	-9.5%	290	329	NM	NM	--	--	NM	NM
Missouri	571	687	-17.0%	571	687	--	--	--	--	--	--
Nebraska	717	813	-12.0%	717	813	--	--	--	--	--	--
North Dakota	1,072	1,056	1.5%	1,072	1,056	--	--	--	--	--	--
South Dakota	2,182	2,104	3.7%	2,182	2,104	--	--	--	--	--	--
South Atlantic	6,222	6,878	-9.5%	4,576	5,038	1,275	1,487	NM	NM	366	347
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	NM	NM	NM	NM	NM	--	--	--	--	--	--
Georgia	1,198	1,410	-15.0%	1,182	1,394	NM	NM	--	--	NM	NM
Maryland	972	1,210	-20.0%	--	--	972	1,210	--	--	--	--
North Carolina	1,846	1,907	-3.2%	1,824	1,884	NM	NM	NM	NM	NM	NM
South Carolina	827	950	-13.0%	799	921	NM	NM	NM	NM	--	--
Virginia	516	577	-10.0%	482	542	NM	NM	--	--	NM	NM
West Virginia	784	742	5.6%	NM	NM	225	197	--	--	350	330
East South Central	8,930	10,602	-16.0%	8,926	10,598	NM	NM	--	--	--	--
Alabama	4,046	4,942	-18.0%	4,046	4,942	--	--	--	--	--	--
Kentucky	1,208	1,390	-13.0%	1,204	1,386	NM	NM	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	3,676	4,270	-14.0%	3,676	4,270	--	--	--	--	--	--
West South Central	3,670	3,197	15.0%	3,104	2,731	566	466	--	--	--	--
Arkansas	1,588	1,123	41.0%	1,562	1,097	NM	NM	--	--	--	--
Louisiana	521	421	24.0%	--	--	521	421	--	--	--	--
Oklahoma	1,052	1,133	-7.1%	1,052	1,133	--	--	--	--	--	--
Texas	509	520	-2.3%	490	501	NM	NM	--	--	--	--
Mountain	15,745	18,053	-13.0%	13,470	15,571	2,275	2,482	--	--	--	--
Arizona	3,185	3,631	-12.0%	3,185	3,631	--	--	--	--	--	--
Colorado	874	1,037	-16.0%	788	944	NM	NM	--	--	--	--
Idaho	5,136	5,839	-12.0%	4,720	5,430	416	409	--	--	--	--
Montana	4,611	5,456	-15.0%	2,870	3,511	1,742	1,944	--	--	--	--
Nevada	1,073	981	9.3%	1,052	957	NM	NM	--	--	--	--
New Mexico	NM	NM	NM	NM	NM	--	--	--	--	--	--
Utah	405	440	-8.0%	400	435	NM	NM	--	--	--	--
Wyoming	334	531	-37.0%	329	525	NM	NM	--	--	--	--
Pacific Contiguous	67,086	83,442	-20.0%	66,361	82,275	721	1,125	NM	41	NM	NM
California	9,485	19,281	-51.0%	9,030	18,419	451	858	NM	NM	NM	--
Oregon	18,494	20,723	-11.0%	18,355	20,569	NM	NM	--	--	--	--
Washington	39,108	43,438	-10.0%	38,976	43,286	NM	NM	--	37	NM	NM
Pacific Noncontiguous	759	786	-3.4%	720	748	14	9	--	--	NM	NM
Alaska	711	738	-3.6%	711	738	--	--	--	--	--	--
Hawaii	NM	NM	NM	NM	NM	14	9	--	--	NM	NM
U.S. Total	126,773	147,306	-14.0%	115,492	134,899	10,374	11,465	NM	NM	897	890

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.14.A. Net Generation from Other Renewable Sources by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	666	574	16.0%	62	17	456	422	10	10	138	125
Connecticut	67	68	-1.9%	--	--	67	68	--	--	--	--
Maine	298	280	6.3%	--	--	150	145	10	10	138	125
Massachusetts	119	112	6.6%	NM	NM	111	109	NM	NM	--	--
New Hampshire	125	79	57.0%	32	8	93	71	--	--	--	--
Rhode Island	12	12	-0.1%	--	--	12	12	--	--	--	--
Vermont	45	23	98.0%	23	7	22	NM	--	--	--	--
Middle Atlantic	808	808	-0.1%	NM	NM	715	710	24	37	62	59
New Jersey	109	83	30.0%	NM	NM	100	65	NM	15	NM	--
New York	356	370	-3.6%	--	--	325	339	11	10	21	20
Pennsylvania	343	355	-3.5%	--	--	290	305	12	11	41	39
East North Central	1,571	1,438	9.3%	132	106	1,284	1,179	14	24	141	130
Illinois	709	611	16.0%	NM	NM	708	610	--	*	--	*
Indiana	239	297	-20.0%	24	24	212	270	NM	NM	NM	NM
Michigan	252	242	4.2%	--	--	190	166	7	17	55	59
Ohio	115	56	107.0%	NM	NM	79	28	--	--	34	27
Wisconsin	256	232	10.0%	105	79	94	105	5	4	51	43
West North Central	3,598	3,369	6.8%	1,190	978	2,365	2,337	7	5	37	48
Iowa	1,322	1,137	16.0%	709	526	608	607	NM	NM	2	2
Kansas	425	356	19.0%	92	98	333	257	--	--	--	--
Minnesota	871	858	1.6%	192	167	643	644	NM	NM	34	45
Missouri	122	118	3.9%	4	4	118	114	--	--	NM	NM
Nebraska	110	109	1.3%	18	28	90	79	NM	NM	--	--
North Dakota	478	512	-6.7%	113	103	364	408	--	--	NM	NM
South Dakota	270	280	-3.5%	62	52	209	228	--	--	--	--
South Atlantic	1,356	1,284	5.6%	104	66	490	479	21	27	741	711
Delaware	13	13	0.0%	NM	--	12	13	NM	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	398	401	-0.8%	22	14	215	226	3	3	158	157
Georgia	280	256	9.3%	--	--	12	10	NM	NM	266	244
Maryland	65	71	-8.4%	NM	NM	50	54	5	4	9	12
North Carolina	174	155	12.0%	NM	NM	76	72	--	--	97	83
South Carolina	167	178	-6.0%	40	37	2	2	--	--	125	139
Virginia	200	160	25.0%	40	15	63	52	10	18	86	75
West Virginia	59	49	20.0%	--	--	59	49	--	--	--	--
East South Central	492	471	4.5%	8	8	24	28	--	--	460	435
Alabama	243	252	-3.5%	NM	NM	19	22	--	--	223	230
Kentucky	35	37	-7.2%	8	8	--	--	--	--	26	29
Mississippi	122	98	25.0%	*	*	--	--	--	--	122	98
Tennessee	93	84	10.0%	--	--	4	6	--	--	89	78
West South Central	4,070	4,026	1.1%	174	65	3,447	3,543	4	4	446	415
Arkansas	141	127	11.0%	--	--	4	5	NM	NM	136	122
Louisiana	203	189	6.9%	--	--	7	7	--	--	196	183
Oklahoma	754	537	40.0%	146	65	581	446	--	--	28	27
Texas	2,973	3,172	-6.3%	28	NM	2,855	3,086	3	3	86	83
Mountain	1,827	1,776	2.9%	186	220	1,594	1,516	10	NM	38	38
Arizona	136	48	186.0%	16	NM	119	43	NM	NM	--	--
Colorado	446	474	-5.9%	5	7	436	465	NM	NM	NM	NM
Idaho	201	173	16.0%	--	--	164	136	--	--	37	37
Montana	97	102	-4.5%	NM	7	90	95	--	--	--	--
Nevada	295	264	12.0%	--	--	290	264	4	--	NM	NM
New Mexico	226	244	-7.1%	--	--	226	244	NM	--	--	--
Utah	108	87	25.0%	23	25	85	62	--	--	--	--
Wyoming	316	385	-18.0%	133	177	183	207	--	--	--	--
Pacific Contiguous	4,480	3,953	13.0%	721	504	3,515	3,257	86	39	157	153
California	3,035	2,737	11.0%	197	163	2,699	2,483	84	37	56	53
Oregon	669	522	28.0%	163	65	485	428	NM	NM	19	27
Washington	776	695	12.0%	361	277	332	346	--	--	83	72
Pacific Noncontiguous	88	78	12.0%	NM	NM	58	49	17	17	9	10
Alaska	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
Hawaii	86	76	13.0%	2	1	58	49	17	17	9	9
U.S. Total	18,957	17,777	6.6%	2,587	1,970	13,946	13,519	194	165	2,230	2,123

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

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

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.14.B. Net Generation from Other Renewable Sources by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	3,411	3,163	7.8%	255	190	2,481	2,277	48	46	627	651
Connecticut	322	294	9.6%	--	--	322	294	--	--	--	--
Maine	1,680	1,643	2.2%	--	--	1,006	949	47	44	627	651
Massachusetts	589	533	11.0%	NM	NM	556	520	NM	NM	--	--
New Hampshire	544	464	17.0%	NM	90	409	374	--	--	--	--
Rhode Island	59	57	3.2%	--	--	59	57	--	--	--	--
Vermont	217	NM	NM	89	90	128	NM	--	--	--	--
Middle Atlantic	4,884	4,476	9.1%	NM	NM	4,449	4,016	111	156	308	297
New Jersey	447	360	24.0%	NM	NM	425	290	NM	63	NM	--
New York	2,362	2,176	8.5%	--	--	2,202	2,032	48	46	111	98
Pennsylvania	2,076	1,941	7.0%	--	--	1,822	1,694	58	48	196	199
East North Central	9,376	7,626	23.0%	709	486	7,880	6,380	67	81	720	678
Illinois	4,104	3,164	30.0%	NM	NM	4,097	3,160	NM	NM	--	*
Indiana	1,825	1,906	-4.2%	115	110	1,694	1,780	NM	NM	NM	NM
Michigan	1,311	1,175	12.0%	--	--	1,002	839	NM	54	277	282
Ohio	785	286	175.0%	NM	NM	609	126	--	--	167	152
Wisconsin	1,351	1,095	23.0%	579	364	477	476	NM	NM	270	238
West North Central	17,970	15,138	19.0%	5,791	4,396	11,951	10,491	NM	NM	197	228
Iowa	6,634	4,937	34.0%	3,487	2,325	3,130	2,595	NM	NM	6	6
Kansas	1,905	1,636	16.0%	421	438	1,484	1,198	--	--	--	--
Minnesota	4,293	3,883	11.0%	848	791	3,245	2,868	NM	NM	186	215
Missouri	638	590	8.2%	NM	NM	619	571	--	--	NM	NM
Nebraska	588	479	23.0%	112	125	469	349	NM	NM	--	--
North Dakota	2,557	2,351	8.8%	600	496	1,953	1,850	--	--	NM	NM
South Dakota	1,356	1,262	7.4%	306	202	1,051	1,060	--	--	--	--
South Atlantic	6,983	6,684	4.5%	433	432	2,798	2,526	98	121	3,654	3,604
Delaware	53	56	-5.7%	NM	--	50	56	NM	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	1,938	1,887	2.7%	90	75	1,052	1,041	NM	NM	781	755
Georgia	1,317	1,261	4.4%	--	*	NM	NM	NM	NM	1,253	1,197
Maryland	373	376	-0.7%	NM	NM	296	291	NM	NM	54	66
North Carolina	873	851	2.5%	NM	NM	366	335	--	--	504	514
South Carolina	902	852	5.9%	206	179	NM	NM	--	--	687	664
Virginia	854	911	-6.3%	132	174	297	248	50	80	375	409
West Virginia	673	490	38.0%	--	*	673	489	--	--	--	--
East South Central	2,351	2,434	-3.4%	40	39	116	104	--	--	2,195	2,291
Alabama	1,185	1,238	-4.3%	NM	NM	81	66	--	--	1,103	1,171
Kentucky	127	190	-33.0%	40	38	--	--	--	--	NM	152
Mississippi	610	587	3.9%	*	*	--	--	--	--	610	587
Tennessee	430	419	2.7%	--	--	35	38	--	--	395	381
West South Central	20,032	18,018	11.0%	775	313	17,133	15,550	NM	NM	2,107	2,138
Arkansas	696	675	3.1%	--	--	NM	NM	NM	NM	673	652
Louisiana	923	971	-5.0%	--	--	33	32	--	--	890	939
Oklahoma	3,426	2,457	39.0%	663	313	2,629	2,013	--	--	134	131
Texas	14,987	13,914	7.7%	NM	NM	14,450	13,483	NM	NM	410	416
Mountain	9,743	8,677	12.0%	1,185	1,285	8,362	7,227	NM	NM	165	157
Arizona	393	213	85.0%	NM	NM	340	194	NM	NM	--	--
Colorado	2,679	2,007	33.0%	36	39	2,624	1,960	NM	NM	NM	NM
Idaho	1,064	831	28.0%	--	--	902	676	--	--	162	154
Montana	565	550	2.7%	NM	NM	527	514	--	--	--	--
Nevada	1,294	1,259	2.8%	--	--	1,284	1,258	10	--	NM	NM
New Mexico	1,133	1,098	3.2%	--	--	1,131	1,098	NM	--	--	--
Utah	455	374	22.0%	112	117	342	257	--	--	--	--
Wyoming	2,161	2,346	-7.9%	948	1,076	1,213	1,270	--	--	--	--
Pacific Contiguous	19,254	17,514	9.9%	3,108	2,439	14,868	14,042	410	173	867	860
California	12,605	11,772	7.1%	788	729	11,142	10,605	401	164	274	273
Oregon	2,833	2,262	25.0%	593	271	2,102	1,818	NM	NM	129	163
Washington	3,816	3,481	9.6%	1,727	1,438	1,624	1,619	--	--	465	424
Pacific Noncontiguous	384	365	5.3%	NM	NM	257	216	70	75	44	44
Alaska	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
Hawaii	373	355	5.1%	5	23	257	216	70	75	42	41
U.S. Total	94,388	84,094	12.0%	12,326	9,618	70,295	62,829	883	700	10,884	10,948

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	-40	-29	36.0%	--	--	-40	-29	--	--	--	--
Connecticut	1	1	-20.0%	--	--	1	1	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	-41	-30	34.0%	--	--	-41	-30	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	-49	-80	-39.0%	-9	-58	-40	-22	--	--	--	--
New Jersey	-5	-17	-70.0%	-5	-17	--	--	--	--	--	--
New York	-4	-41	-90.0%	-4	-41	--	--	--	--	--	--
Pennsylvania	-40	-22	80.0%	--	--	-40	-22	--	--	--	--
East North Central	-73	-89	-18.0%	-73	-89	--	--	--	--	--	--
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	-73	-89	-18.0%	-73	-89	--	--	--	--	--	--
Ohio	--	--	NM	--	--	--	--	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	33	29	12.0%	33	29	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	33	29	12.0%	33	29	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	-280	-237	18.0%	-280	-237	--	--	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	-71	-42	69.0%	-71	-42	--	--	--	--	--	--
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	-71	-76	-5.6%	-71	-76	--	--	--	--	--	--
Virginia	-138	-119	15.0%	-138	-119	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	-25	-40	-36.0%	-25	-40	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	-25	-40	-36.0%	-25	-40	--	--	--	--	--	--
West South Central	-10	-3	208.0%	-10	-3	--	--	--	--	--	--
Arkansas	--	11	-100.0%	--	11	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	-10	-15	-31.0%	-10	-15	--	--	--	--	--	--
Texas	--	--	NM	--	--	--	--	--	--	--	--
Mountain	-12	-7	76.0%	-12	-7	--	--	--	--	--	--
Arizona	11	20	-46.0%	11	20	--	--	--	--	--	--
Colorado	-23	-27	-14.0%	-23	-27	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	113	37	210.0%	113	37	--	--	--	--	--	--
California	112	37	202.0%	112	37	--	--	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	1	*	-392.0%	1	*	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	-343	-419	-18.0%	-264	-367	-80	-51	--	--	--	--

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	-85	-169	-50.0%	--	--	-85	-169	--	--	--	--
Connecticut	*	-3	-85.0%	--	--	*	-3	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	-84	-165	-49.0%	--	--	-84	-165	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	-226	-155	46.0%	-63	-269	-164	114	--	--	--	--
New Jersey	-36	-86	-58.0%	-36	-86	--	--	--	--	--	--
New York	-26	-183	-86.0%	-26	-183	--	--	--	--	--	--
Pennsylvania	-164	114	-244.0%	--	--	-164	114	--	--	--	--
East North Central	-246	-352	-30.0%	-246	-352	--	--	--	--	--	--
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	-246	-352	-30.0%	-246	-352	--	--	--	--	--	--
Ohio	--	--	NM	--	--	--	--	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	111	151	-26.0%	111	151	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	111	151	-26.0%	111	151	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	-1,077	-1,015	6.1%	-1,077	-1,015	--	--	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	-298	-161	85.0%	-298	-161	--	--	--	--	--	--
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	-292	-288	1.5%	-292	-288	--	--	--	--	--	--
Virginia	-487	-566	-14.0%	-487	-566	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	-143	-212	-33.0%	-143	-212	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	-143	-212	-33.0%	-143	-212	--	--	--	--	--	--
West South Central	-5	-47	-90.0%	-5	-47	--	--	--	--	--	--
Arkansas	30	11	159.0%	30	11	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	-34	-59	-41.0%	-34	-59	--	--	--	--	--	--
Texas	--	--	NM	--	--	--	--	--	--	--	--
Mountain	-83	-105	-21.0%	-83	-105	--	--	--	--	--	--
Arizona	16	-3	-733.0%	16	-3	--	--	--	--	--	--
Colorado	-99	-102	-3.2%	-99	-102	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	343	-5	NM	343	-5	--	--	--	--	--	--
California	321	-56	-677.0%	321	-56	--	--	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	21	50	-58.0%	21	50	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	-1,410	-1,909	-26.0%	-1,162	-1,854	-248	-55	--	--	--	--

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.16.A. Net Generation from Other Energy Sources by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	165	160	2.9%	--	--	154	149	7	8	3	3
Connecticut	63	56	12.0%	--	--	62	55	--	--	NM	NM
Maine	28	32	-11.0%	--	--	19	22	7	8	2	2
Massachusetts	68	67	2.1%	--	--	68	67	--	--	--	--
New Hampshire	5	5	-3.2%	--	--	5	5	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	189	193	-2.1%	--	--	173	164	16	29	--	--
New Jersey	43	42	0.9%	--	--	43	30	--	12	--	--
New York	78	77	1.0%	--	--	70	69	8	8	--	--
Pennsylvania	68	74	-7.1%	--	--	60	65	8	9	--	--
East North Central	74	69	7.5%	7	2	22	15	6	15	39	37
Illinois	*	NM	NM	--	--	--	NM	--	--	*	1
Indiana	36	31	18.0%	3	--	--	--	NM	NM	32	29
Michigan	32	30	6.7%	2	--	22	14	5	14	2	2
Ohio	1	1	11.0%	--	--	--	--	--	--	1	1
Wisconsin	5	6	-10.0%	2	2	--	--	NM	NM	NM	NM
West North Central	31	26	21.0%	19	14	9	8	NM	NM	NM	NM
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	26	22	19.0%	14	10	9	8	NM	NM	NM	NM
Missouri	2	1	140.0%	2	1	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	3	3	2.0%	3	3	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	315	312	1.0%	--	--	174	168	8	14	133	129
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	239	245	-2.2%	--	--	116	121	--	--	123	124
Georgia	4	1	309.0%	--	--	--	--	--	--	4	1
Maryland	25	22	14.0%	--	--	25	22	NM	NM	--	--
North Carolina	NM	NM	NM	--	--	NM	NM	--	--	--	--
South Carolina	5	5	9.3%	--	--	--	--	--	--	5	5
Virginia	37	36	4.4%	--	--	30	21	8	14	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	NM	2	NM	1	1	--	NM	NM	--	NM	NM
Alabama	--	*	-100.0%	--	--	--	--	--	--	--	*
Kentucky	1	1	-46.0%	1	1	--	--	--	--	--	--
Mississippi	NM	NM	NM	--	--	--	NM	NM	--	NM	NM
Tennessee	*	*	-71.0%	--	--	--	--	--	--	*	*
West South Central	73	77	-5.5%	--	--	--	--	--	--	73	77
Arkansas	3	2	41.0%	--	--	--	--	--	--	3	2
Louisiana	30	34	-9.9%	--	--	--	--	--	--	30	34
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	40	42	-4.5%	--	--	--	--	--	--	40	42
Mountain	38	44	-13.0%	--	--	34	29	--	--	NM	15
Arizona	4	1	215.0%	--	--	4	1	--	--	--	--
Colorado	6	6	0.2%	--	--	2	NM	--	--	NM	NM
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	28	25	12.0%	--	--	28	25	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	NM	11	NM	--	--	NM	NM	--	--	--	11
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	67	71	-5.6%	--	--	25	30	--	--	41	40
California	52	61	-15.0%	--	--	16	20	--	--	36	40
Oregon	3	NM	NM	--	--	3	NM	--	--	--	--
Washington	11	6	89.0%	--	--	6	6	--	--	5	--
Pacific Noncontiguous	14	14	0.0%	--	--	--	--	14	14	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	14	14	0.0%	--	--	--	--	14	14	--	--
U.S. Total	967	967	0.0%	26	17	592	563	54	82	295	304

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.16.B. Net Generation from Other Energy Sources by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	821	766	7.2%	--	--	769	713	36	39	16	15
Connecticut	308	269	14.0%	--	--	303	264	--	--	NM	NM
Maine	156	156	-0.1%	--	--	108	108	36	39	11	10
Massachusetts	333	317	5.0%	--	--	333	317	--	--	--	--
New Hampshire	25	24	3.0%	--	--	25	24	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	908	869	4.4%	--	--	831	745	77	125	--	--
New Jersey	202	193	4.5%	--	--	202	144	--	49	--	--
New York	355	343	3.3%	--	--	318	305	36	38	--	--
Pennsylvania	351	333	5.5%	--	--	311	296	41	37	--	--
East North Central	317	279	14.0%	48	18	112	81	31	51	127	128
Illinois	NM	NM	NM	--	--	NM	NM	--	--	2	4
Indiana	130	105	24.0%	28	--	--	--	NM	NM	96	98
Michigan	145	128	13.0%	7	7	101	66	24	44	13	12
Ohio	5	5	-1.7%	--	--	--	--	--	--	5	5
Wisconsin	23	21	10.0%	13	12	--	--	NM	NM	NM	NM
West North Central	136	132	3.1%	83	80	43	41	NM	NM	NM	NM
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	114	110	3.0%	60	58	43	41	NM	NM	NM	NM
Missouri	8	7	2.7%	8	7	--	--	--	*	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	1,428	1,465	-2.5%	--	--	816	789	39	65	573	610
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	1,104	1,154	-4.3%	--	--	572	573	--	--	532	581
Georgia	18	5	248.0%	--	--	--	--	--	--	18	5
Maryland	97	104	-6.2%	--	--	97	104	NM	NM	--	--
North Carolina	NM	NM	NM	--	--	NM	NM	--	--	--	--
South Carolina	23	24	-4.0%	--	--	--	--	--	--	23	24
Virginia	175	166	5.4%	--	--	136	101	39	65	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	NM	12	NM	1	7	--	NM	NM	--	NM	NM
Alabama	*	*	-99.0%	--	--	--	--	--	--	*	*
Kentucky	1	7	-82.0%	1	7	--	--	--	--	--	--
Mississippi	NM	NM	NM	--	--	--	NM	NM	--	NM	NM
Tennessee	NM	1	NM	--	--	--	--	--	--	NM	1
West South Central	306	322	-4.9%	--	--	--	--	--	--	306	322
Arkansas	15	10	52.0%	--	--	--	--	--	--	15	10
Louisiana	120	134	-10.0%	--	--	--	--	--	--	120	134
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	171	178	-4.0%	--	--	--	--	--	--	171	178
Mountain	220	239	-7.9%	--	--	159	149	--	--	NM	91
Arizona	12	3	282.0%	--	--	12	3	--	--	--	--
Colorado	NM	30	NM	--	--	NM	NM	--	--	NM	NM
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	141	133	5.6%	--	--	141	133	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	NM	73	NM	--	--	NM	NM	--	--	42	71
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	298	303	-1.7%	--	--	124	130	--	--	174	174
California	247	257	-4.1%	--	--	77	83	--	--	169	174
Oregon	17	NM	NM	--	--	17	NM	--	--	--	--
Washington	34	28	22.0%	--	--	29	28	--	--	5	--
Pacific Noncontiguous	55	59	-6.6%	--	--	--	--	55	59	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	55	59	-6.6%	--	--	--	--	55	59	--	--
U.S. Total	4,494	4,446	1.1%	132	105	2,853	2,647	246	347	1,263	1,347

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.17.A. Net Generation from Wind by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	91	52	75.0%	NM	NM	84	50	NM	NM	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	46	41	12.0%	--	--	46	41	--	--	--	--
Massachusetts	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
New Hampshire	30	NM	NM	--	--	30	NM	--	--	--	--
Rhode Island	NM	NM	NM	--	--	NM	NM	--	--	--	--
Vermont	7	*	NM	1	*	7	--	--	--	--	--
Middle Atlantic	311	338	-7.9%	--	--	310	338	--	--	NM	--
New Jersey	NM	NM	NM	--	--	NM	NM	--	--	--	--
New York	172	191	-9.5%	--	--	172	191	--	--	NM	--
Pennsylvania	137	146	-5.9%	--	--	137	146	--	--	--	--
East North Central	1,098	978	12.0%	83	62	1,013	915	NM	NM	NM	--
Illinois	648	546	19.0%	NM	NM	646	545	--	--	--	--
Indiana	212	270	-21.0%	--	--	212	270	NM	NM	--	--
Michigan	52	33	57.0%	--	--	52	33	--	--	--	--
Ohio	52	NM	NM	NM	NM	49	--	--	--	NM	--
Wisconsin	135	127	5.7%	81	60	54	67	--	--	--	--
West North Central	3,424	3,190	7.4%	1,144	938	2,278	2,251	NM	NM	--	--
Iowa	1,306	1,122	16.0%	706	523	600	599	NM	--	--	--
Kansas	425	356	19.0%	92	98	333	257	--	--	--	--
Minnesota	726	707	2.8%	158	138	566	568	NM	NM	--	--
Missouri	116	112	3.8%	--	--	116	112	--	--	--	--
Nebraska	104	102	1.4%	14	23	90	79	--	--	--	--
North Dakota	477	511	-6.6%	113	103	364	408	--	--	--	--
South Dakota	270	280	-3.5%	62	52	209	228	--	--	--	--
South Atlantic	75	73	3.7%	--	--	75	73	NM	--	--	--
Delaware	NM	NM	NM	--	--	--	NM	NM	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	15	23	-33.0%	--	--	15	23	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	59	49	20.0%	--	--	59	49	--	--	--	--
East South Central	2	4	-47.0%	--	--	2	4	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	2	4	-47.0%	--	--	2	4	--	--	--	--
West South Central	3,563	3,557	0.2%	174	65	3,389	3,492	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	726	510	42.0%	146	65	581	446	--	--	--	--
Texas	2,837	3,047	-6.9%	28	NM	2,809	3,046	--	--	--	--
Mountain	1,289	1,392	-7.4%	146	191	1,140	1,199	NM	NM	NM	NM
Arizona	32	34	-6.5%	--	--	32	34	--	--	--	--
Colorado	422	459	-8.2%	5	7	413	451	NM	NM	NM	NM
Idaho	148	120	23.0%	--	--	148	120	--	--	--	--
Montana	97	102	-4.5%	NM	7	90	95	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	194	235	-17.0%	--	--	194	235	NM	--	--	--
Utah	80	57	40.0%	--	--	80	57	--	--	--	--
Wyoming	316	385	-18.0%	133	177	183	207	--	--	--	--
Pacific Contiguous	2,552	2,023	26.0%	599	343	1,953	1,680	--	--	--	--
California	1,255	1,003	25.0%	87	65	1,168	938	--	--	--	--
Oregon	621	465	34.0%	157	59	464	406	--	--	--	--
Washington	676	555	22.0%	355	219	321	336	--	--	--	--
Pacific Noncontiguous	36	30	20.0%	NM	NM	34	28	--	--	--	--
Alaska	NM	NM	NM	NM	NM	--	--	--	--	--	--
Hawaii	34	28	21.0%	--	--	34	28	--	--	--	--
U.S. Total	12,442	11,635	6.9%	2,154	1,603	10,280	10,029	NM	NM	NM	NM

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.17.B. Net Generation from Wind by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	543	373	45.0%	NM	NM	508	359	NM	NM	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	394	316	25.0%	--	--	394	316	--	--	--	--
Massachusetts	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
New Hampshire	61	NM	NM	--	--	61	NM	--	--	--	--
Rhode Island	NM	NM	NM	--	--	NM	NM	--	--	--	--
Vermont	47	5	876.0%	6	5	41	--	--	--	--	--
Middle Atlantic	2,528	2,287	11.0%	--	--	2,524	2,287	--	--	NM	--
New Jersey	NM	NM	NM	--	--	NM	NM	--	--	--	--
New York	1,479	1,329	11.0%	--	--	1,475	1,329	--	--	NM	--
Pennsylvania	1,041	951	9.5%	--	--	1,041	951	--	--	--	--
East North Central	7,097	5,399	31.0%	487	281	6,602	5,116	NM	NM	NM	--
Illinois	3,806	2,863	33.0%	NM	NM	3,800	2,858	--	--	--	--
Indiana	1,695	1,781	-4.8%	--	--	1,694	1,780	NM	NM	--	--
Michigan	341	183	86.0%	--	--	341	183	--	--	--	--
Ohio	485	NM	NM	NM	NM	471	--	--	--	NM	--
Wisconsin	769	564	36.0%	473	270	296	294	--	--	--	--
West North Central	17,124	14,263	20.0%	5,581	4,174	11,530	10,083	NM	NM	--	--
Iowa	6,563	4,869	35.0%	3,470	2,310	3,092	2,559	NM	--	--	--
Kansas	1,905	1,636	16.0%	421	438	1,484	1,198	--	--	--	--
Minnesota	3,579	3,137	14.0%	695	624	2,873	2,507	NM	NM	--	--
Missouri	609	562	8.5%	--	--	609	562	--	--	--	--
Nebraska	559	451	24.0%	89	104	469	347	--	--	--	--
North Dakota	2,553	2,346	8.8%	600	496	1,953	1,850	--	--	--	--
South Dakota	1,356	1,262	7.4%	306	202	1,051	1,060	--	--	--	--
South Atlantic	830	632	31.0%	--	--	828	632	NM	--	--	--
Delaware	NM	NM	NM	--	--	--	NM	NM	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	154	140	11.0%	--	--	154	140	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	673	489	38.0%	--	--	673	489	--	--	--	--
East South Central	25	28	-9.6%	--	--	25	28	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	25	28	-9.6%	--	--	25	28	--	--	--	--
West South Central	17,634	15,631	13.0%	775	313	16,859	15,318	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	3,292	2,326	42.0%	663	313	2,629	2,013	--	--	--	--
Texas	14,342	13,305	7.8%	NM	NM	14,230	13,304	--	--	--	--
Mountain	7,643	6,888	11.0%	1,021	1,150	6,606	5,731	NM	NM	NM	NM
Arizona	135	139	-2.6%	--	--	135	139	--	--	--	--
Colorado	2,603	1,957	33.0%	35	38	2,554	1,912	NM	NM	NM	NM
Idaho	825	602	37.0%	--	--	825	602	--	--	--	--
Montana	565	550	2.7%	NM	NM	527	514	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	1,039	1,062	-2.2%	--	--	1,037	1,062	NM	--	--	--
Utah	315	233	36.0%	--	--	315	233	--	--	--	--
Wyoming	2,161	2,346	-7.9%	948	1,076	1,213	1,270	--	--	--	--
Pacific Contiguous	9,897	8,183	21.0%	2,432	1,732	7,465	6,451	--	--	--	--
California	4,171	3,420	22.0%	288	253	3,883	3,166	--	--	--	--
Oregon	2,571	1,958	31.0%	563	244	2,008	1,714	--	--	--	--
Washington	3,155	2,806	12.0%	1,581	1,235	1,574	1,571	--	--	--	--
Pacific Noncontiguous	156	124	26.0%	NM	NM	147	117	--	--	--	--
Alaska	NM	NM	NM	NM	NM	--	--	--	--	--	--
Hawaii	147	117	26.0%	--	--	147	117	--	--	--	--
U.S. Total	63,476	53,807	18.0%	10,338	7,671	53,094	46,121	NM	NM	NM	NM

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.18.A. Net Generation from Biomass by State, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	572	521	9.8%	54	14	370	372	10	NM	138	125
Connecticut	NM	NM	NM	--	--	NM	NM	--	--	--	--
Maine	252	239	5.4%	--	--	104	104	10	10	138	125
Massachusetts	NM	NM	NM	--	--	NM	NM	--	NM	--	--
New Hampshire	95	72	32.0%	32	8	63	64	--	--	--	--
Rhode Island	12	12	-0.1%	--	--	12	12	--	--	--	--
Vermont	38	22	71.0%	23	6	NM	NM	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	370	364	22	37	NM	NM
New Jersey	73	74	-1.5%	--	--	73	59	--	15	--	--
New York	179	179	-0.1%	--	--	148	149	10	10	20	20
Pennsylvania	NM	NM	NM	--	--	148	157	12	11	NM	NM
East North Central	466	456	2.2%	48	43	264	259	NM	NM	NM	NM
Illinois	59	64	-6.4%	--	--	59	64	--	*	--	*
Indiana	27	27	-0.4%	24	24	--	--	NM	NM	NM	NM
Michigan	200	209	-4.3%	--	--	138	132	NM	NM	55	59
Ohio	NM	NM	NM	--	--	NM	NM	--	--	NM	NM
Wisconsin	121	104	16.0%	24	19	NM	38	NM	NM	51	NM
West North Central	174	179	-3.0%	46	40	86	87	NM	NM	37	48
Iowa	16	15	5.2%	3	3	8	8	NM	NM	2	2
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	145	151	-4.1%	34	29	77	77	NM	NM	NM	NM
Missouri	NM	NM	NM	4	4	2	2	--	--	NM	NM
Nebraska	NM	NM	NM	5	5	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	--	--	--	--	--	--	NM	NM
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	1,246	1,194	4.3%	NM	NM	399	401	NM	NM	741	711
Delaware	10	12	-21.0%	--	--	10	12	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	374	387	-3.4%	5	3	208	223	3	3	158	157
Georgia	280	256	9.3%	--	--	NM	NM	NM	NM	266	244
Maryland	NM	NM	NM	NM	NM	34	32	NM	NM	9	12
North Carolina	167	153	9.3%	--	--	70	70	--	--	97	83
South Carolina	167	178	-6.0%	40	37	2	2	--	--	125	139
Virginia	200	160	25.0%	40	15	63	52	10	18	86	75
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	490	467	4.9%	NM	NM	21	24	--	--	460	435
Alabama	243	252	-3.5%	NM	NM	19	22	--	--	223	230
Kentucky	35	37	-7.2%	8	8	--	--	--	--	26	29
Mississippi	NM	NM	NM	*	*	--	--	--	--	NM	NM
Tennessee	91	80	13.0%	--	--	2	2	--	--	89	78
West South Central	498	466	6.7%	--	--	48	48	NM	NM	446	415
Arkansas	NM	NM	NM	--	--	NM	NM	NM	NM	136	122
Louisiana	203	189	6.9%	--	--	7	7	--	--	196	183
Oklahoma	28	27	3.6%	--	--	--	--	--	--	28	27
Texas	126	123	2.6%	--	--	37	37	NM	NM	86	83
Mountain	73	67	8.7%	NM	NM	33	27	NM	NM	37	37
Arizona	NM	NM	NM	2	2	14	8	NM	NM	--	--
Colorado	NM	NM	NM	NM	NM	5	5	--	--	--	--
Idaho	45	NM	NM	--	--	8	NM	--	--	37	37
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	NM	NM	NM	--	--	NM	NM	--	--	--	--
Utah	5	5	0.1%	--	--	5	5	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	629	666	-5.5%	33	76	356	399	83	39	157	153
California	482	478	0.9%	21	21	325	367	81	37	55	53
Oregon	47	56	-16.0%	6	6	NM	22	NM	NM	19	27
Washington	100	131	-24.0%	6	49	10	10	--	--	83	72
Pacific Noncontiguous	NM	28	NM	2	1	--	--	17	17	NM	10
Alaska	NM	NM	NM	--	--	--	--	--	--	NM	NM
Hawaii	NM	27	NM	2	1	--	--	17	17	NM	9
U.S. Total	4,627	4,503	2.8%	280	239	1,947	1,982	NM	NM	NM	NM

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.18.B. Net Generation from Biomass by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	2,861	2,786	2.7%	218	175	1,969	1,916	NM	NM	627	651
Connecticut	NM	NM	NM	--	--	NM	NM	--	--	--	--
Maine	1,287	1,328	-3.1%	--	--	613	633	47	44	627	651
Massachusetts	NM	NM	NM	--	--	NM	NM	NM	NM	--	--
New Hampshire	483	426	13.0%	NM	90	348	336	--	--	--	--
Rhode Island	57	56	3.0%	--	--	57	56	--	--	--	--
Vermont	NM	NM	NM	83	85	NM	NM	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	1,820	1,709	105	156	NM	NM
New Jersey	347	333	4.0%	--	--	347	271	--	62	--	--
New York	859	846	1.5%	--	--	705	702	48	46	107	98
Pennsylvania	NM	NM	NM	--	--	NM	737	57	47	NM	NM
East North Central	NM	2,215	NM	221	204	1,259	1,253	NM	NM	NM	NM
Illinois	NM	NM	NM	--	--	293	296	NM	NM	--	*
Indiana	130	124	4.5%	115	110	--	--	NM	NM	NM	NM
Michigan	970	NM	NM	--	--	661	656	NM	NM	277	NM
Ohio	NM	NM	NM	--	--	NM	NM	--	--	NM	NM
Wisconsin	NM	NM	NM	106	94	NM	NM	NM	NM	NM	NM
West North Central	846	875	-3.2%	NM	NM	420	408	NM	NM	NM	228
Iowa	71	69	2.9%	NM	NM	38	36	NM	NM	6	6
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	714	745	-4.2%	NM	NM	373	361	NM	NM	NM	NM
Missouri	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nebraska	NM	NM	NM	NM	NM	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	--	--	--	--	--	--	NM	NM
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	6,029	5,980	0.8%	NM	NM	1,922	1,880	NM	NM	3,654	3,604
Delaware	43	53	-19.0%	--	--	43	53	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	1,849	1,824	1.4%	19	20	1,033	1,033	NM	NM	781	755
Georgia	1,317	1,261	4.4%	--	*	NM	NM	NM	NM	1,253	1,197
Maryland	NM	NM	NM	NM	NM	139	151	NM	NM	54	66
North Carolina	NM	844	NM	*	--	NM	330	--	--	504	514
South Carolina	902	852	5.9%	206	179	NM	NM	--	--	687	664
Virginia	854	911	-6.3%	132	174	297	248	50	80	375	409
West Virginia	--	*	-100.0%	--	*	--	--	--	--	--	--
East South Central	2,326	2,406	-3.3%	NM	NM	NM	NM	--	--	2,195	2,291
Alabama	NM	NM	NM	NM	NM	81	66	--	--	NM	NM
Kentucky	NM	190	NM	40	38	--	--	--	--	NM	152
Mississippi	NM	NM	NM	*	*	--	--	--	--	NM	NM
Tennessee	NM	NM	NM	--	--	NM	NM	--	--	395	381
West South Central	2,367	2,380	-0.6%	--	--	243	225	NM	NM	2,107	2,138
Arkansas	NM	NM	NM	--	--	NM	NM	NM	NM	673	652
Louisiana	923	971	-5.0%	--	--	33	32	--	--	NM	NM
Oklahoma	134	131	1.9%	--	--	--	--	--	--	134	131
Texas	614	602	1.9%	--	--	189	171	NM	NM	410	416
Mountain	NM	305	NM	NM	NM	NM	138	NM	NM	162	154
Arizona	NM	NM	NM	NM	NM	68	52	NM	NM	--	--
Colorado	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Idaho	NM	NM	NM	--	--	NM	NM	--	--	162	154
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	NM	NM	NM	--	--	NM	NM	--	--	--	--
Utah	NM	NM	NM	--	--	NM	NM	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	3,352	3,408	-1.6%	276	326	1,807	2,049	403	172	866	860
California	2,432	2,437	-0.2%	102	104	1,664	1,897	393	163	273	273
Oregon	259	304	-15.0%	29	28	NM	104	NM	NM	129	163
Washington	661	666	-0.8%	146	195	50	48	--	--	465	424
Pacific Noncontiguous	NM	NM	NM	5	23	--	--	70	75	NM	NM
Alaska	NM	NM	NM	--	--	--	--	--	--	NM	NM
Hawaii	NM	NM	NM	5	23	--	--	70	75	NM	NM
U.S. Total	22,720	22,657	0.3%	1,340	1,375	9,691	9,656	NM	NM	NM	NM

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.19.A. Net Generation from Geothermal by Census Division, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	NM	--	--	--	--	--	--	--	--
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	--	--	NM	--	--	--	--	--	--	--	--
Pennsylvania	--	--	NM	--	--	--	--	--	--	--	--
East North Central	--	--	NM	--	--	--	--	--	--	--	--
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	--	--	NM	--	--	--	--	--	--	--	--
Ohio	--	--	NM	--	--	--	--	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	--	--	NM	--	--	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	--	--	NM	--	--	--	--	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	--	--	NM	--	--	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	--	--	NM	--	--	--	--	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	--	--	NM	--	--	--	--	--	--	--	--
Mountain	270	263	2.9%	23	25	247	238	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	8	8	-0.9%	--	--	8	8	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	239	230	3.9%	--	--	239	230	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	24	25	-5.5%	23	25	NM	NM	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	1,144	1,156	-1.0%	73	71	1,071	1,084	--	--	--	--
California	1,144	1,156	-1.0%	73	71	1,071	1,084	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	23	19	20.0%	--	--	23	19	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	23	19	20.0%	--	--	23	19	--	--	--	--
U.S. Total	1,438	1,438	0.0%	97	96	1,341	1,342	--	--	--	--

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.19.B. Net Generation from Geothermal by Census Division, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	NM	--	--	--	--	--	--	--	--
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	--	--	NM	--	--	--	--	--	--	--	--
Pennsylvania	--	--	NM	--	--	--	--	--	--	--	--
East North Central	--	--	NM	--	--	--	--	--	--	--	--
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	--	--	NM	--	--	--	--	--	--	--	--
Ohio	--	--	NM	--	--	--	--	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	--	--	NM	--	--	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	--	--	NM	--	--	--	--	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	--	--	NM	--	--	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	--	--	NM	--	--	--	--	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	--	--	NM	--	--	--	--	--	--	--	--
Mountain	1,307	1,302	0.4%	112	117	1,194	1,184	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	NM	--	NM	--	--	NM	--	--	--	--	--
Idaho	38	39	-1.1%	--	--	38	39	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	1,148	1,144	0.3%	--	--	1,148	1,144	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	115	118	-2.8%	112	117	NM	NM	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	5,614	5,645	-0.6%	358	357	5,256	5,289	--	--	--	--
California	5,614	5,645	-0.6%	358	357	5,256	5,289	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	108	96	13.0%	--	--	108	96	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	108	96	13.0%	--	--	108	96	--	--	--	--
U.S. Total	7,029	7,043	-0.2%	470	474	6,558	6,569	--	--	--	--

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.20.A. Net Generation from Solar by Census Division, by Sector, May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	NM	NM	NM	--	--	NM	NM	--	--	--	--
Middle Atlantic	45	NM	NM	NM	NM	35	NM	NM	NM	NM	NM
New Jersey	34	NM	NM	NM	NM	26	NM	NM	NM	NM	--
New York	5	--	NM	--	--	5	--	NM	--	--	--
Pennsylvania	NM	NM	NM	--	--	NM	NM	NM	NM	NM	NM
East North Central	NM	NM	NM	NM	*	NM	NM	--	--	--	--
Illinois	2	2	18.0%	--	--	2	2	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	--	--	NM	--	--	--	--	--	--	--	--
Ohio	NM	NM	NM	NM	*	NM	NM	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	--	--	NM	--	--	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	35	NM	NM	18	12	17	NM	--	--	--	NM
Delaware	NM	NM	NM	NM	--	NM	NM	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	24	NM	NM	17	11	NM	NM	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	NM	NM	NM	NM	--	NM	NM	--	--	--	--
North Carolina	NM	NM	NM	NM	NM	NM	NM	--	--	--	NM
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	--	--	NM	--	--	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	9	NM	NM	--	--	9	NM	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	9	NM	NM	--	--	9	NM	--	--	--	--
Mountain	195	54	259.0%	NM	NM	174	52	7	NM	NM	NM
Arizona	88	NM	NM	NM	NM	74	NM	NM	--	--	--
Colorado	19	NM	NM	--	--	17	NM	NM	NM	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	56	34	65.0%	--	--	52	34	4	--	NM	NM
New Mexico	31	NM	NM	--	--	31	NM	--	--	--	--
Utah	NM	--	NM	--	--	NM	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	155	109	42.0%	NM	NM	136	94	NM	NM	NM	--
California	154	100	53.0%	NM	NM	135	94	NM	NM	NM	--
Oregon	NM	--	NM	NM	--	NM	--	--	--	--	--
Washington	*	9	-99.0%	*	9	--	--	--	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	NM	NM	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	NM	NM	--	--	--	--
U.S. Total	450	201	124.0%	56	NM	379	167	12	NM	NM	NM

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.20.B. Net Generation from Solar by Census Division, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Megawatthours)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	NM	NM	NM	--	--	NM	NM	--	--	--	--
Middle Atlantic	131	NM	NM	NM	NM	105	NM	NM	NM	NM	NM
New Jersey	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	--
New York	23	--	NM	--	--	23	--	NM	--	--	--
Pennsylvania	NM	NM	NM	--	--	NM	NM	NM	NM	NM	NM
East North Central	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Illinois	NM	NM	NM	--	--	NM	NM	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	--	--	NM	--	--	--	--	--	--	--	--
Ohio	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	--	--	NM	--	--	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	124	NM	NM	75	57	NM	NM	--	--	--	NM
Delaware	NM	NM	NM	NM	--	NM	NM	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	90	NM	NM	71	55	NM	NM	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	NM	NM	NM	NM	--	NM	NM	--	--	--	--
North Carolina	NM	NM	NM	NM	NM	NM	NM	--	--	--	NM
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	--	--	NM	--	--	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	31	NM	NM	--	--	31	NM	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	31	NM	NM	--	--	31	NM	--	--	--	--
Mountain	458	182	151.0%	NM	NM	402	173	NM	NM	NM	NM
Arizona	178	NM	NM	NM	NM	136	NM	NM	--	--	--
Colorado	NM	NM	NM	--	--	NM	NM	NM	NM	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	146	114	28.0%	--	--	136	114	10	--	NM	NM
New Mexico	89	NM	NM	--	--	89	NM	--	--	--	--
Utah	NM	--	NM	--	--	NM	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	--
California	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	--
Oregon	NM	--	NM	NM	--	NM	--	--	--	--	--
Washington	*	9	-97.0%	*	9	--	--	--	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	NM	NM	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	NM	NM	--	--	--	--
U.S. Total	1,164	587	98.0%	178	NM	951	483	NM	NM	NM	NM

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.1.A. Coal: Consumption for Electricity Generation, by Sector 2002-May 2012
(Thousand Tons)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
2002	987,583	767,803	207,448	477	11,855	
2003	1,014,058	757,384	245,652	582	10,440	
2004	1,020,523	772,224	240,235	377	7,687	
2005	1,041,448	761,349	272,218	377	7,504	
2006	1,030,556	753,390	269,412	347	7,408	
2007	1,046,795	764,765	276,581	361	5,089	
2008	1,042,335	760,326	276,565	369	5,075	
2009	934,683	695,615	234,077	317	4,674	
2010	979,684	721,431	249,814	314	8,125	
2011	932,911	688,436	236,087	297	8,091	
2010						
January	90,767	67,211	22,869	32	654	
February	80,209	59,279	20,258	28	643	
March	76,544	56,252	19,520	26	746	
April	67,037	49,997	16,562	23	456	
May	76,061	56,847	18,464	23	727	
June	87,395	64,891	21,833	27	643	
July	94,993	69,933	24,261	30	769	
August	94,786	69,860	24,061	29	835	
September	79,573	58,199	20,682	26	666	
October	70,918	51,353	18,851	23	690	
November	72,756	52,962	19,244	21	529	
December	88,645	64,645	23,208	26	765	
2011						
January	90,106	66,014	23,291	30	771	
February	73,505	54,347	18,466	28	663	
March	72,340	54,001	17,670	28	641	
April	66,870	49,405	17,006	22	437	
May	73,511	54,978	17,765	23	746	
June	84,072	62,639	20,721	24	688	
July	94,214	69,803	23,585	28	798	
August	92,177	68,049	23,291	26	811	
September	76,612	55,781	20,039	23	769	
October	69,524	50,619	18,161	20	725	
November	66,789	48,760	17,500	20	509	
December	73,190	54,041	18,592	24	533	
2012						
January	70,595	52,308	17,556	25	706	
February	62,802	46,854	15,292	25	631	
March	57,564	43,477	13,430	22	634	
April	51,574	39,707	11,461	19	387	
May	62,958	47,002	15,593	20	342	
Year to Date						
2010	390,618	289,586	97,673	132	3,227	
2011	376,333	278,744	94,198	132	3,259	
2012	305,493	229,349	73,332	112	2,700	
Rolling 12 Months Ending in May						
2011	965,399	710,589	246,339	313	8,157	
2012	862,071	639,041	215,220	277	7,532	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.1.B. Coal: Consumption for Useful Thermal Output, by Sector 2002-May 2012
(Thousand Tons)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
2002	17,561	0	2,255	929	14,377	
2003	17,720	0	2,080	1,234	14,406	
2004	24,275	0	3,809	1,540	18,926	
2005	23,833	0	3,918	1,544	18,371	
2006	23,227	0	3,834	1,539	17,854	
2007	22,810	0	3,795	1,566	17,449	
2008	22,168	0	3,689	1,652	16,827	
2009	20,507	0	3,935	1,481	15,091	
2010	21,727	0	3,808	1,406	16,513	
2011	22,014	0	4,035	1,336	16,643	
2010						
January	1,972	0	371	160	1,440	
February	1,820	0	347	139	1,334	
March	1,839	0	338	123	1,378	
April	2,142	0	284	95	1,764	
May	1,664	0	285	95	1,283	
June	1,668	0	306	108	1,255	
July	1,790	0	325	112	1,354	
August	1,807	0	326	123	1,359	
September	1,677	0	296	107	1,275	
October	1,653	0	287	98	1,267	
November	1,740	0	308	107	1,325	
December	1,955	0	336	139	1,481	
2011						
January	2,074	0	377	148	1,548	
February	1,859	0	342	136	1,380	
March	1,914	0	338	129	1,447	
April	1,762	0	330	102	1,330	
May	1,842	0	358	104	1,380	
June	1,807	0	340	99	1,368	
July	1,865	0	349	106	1,410	
August	1,797	0	327	98	1,372	
September	1,740	0	311	98	1,331	
October	1,782	0	329	97	1,355	
November	1,727	0	297	103	1,327	
December	1,846	0	338	114	1,394	
2012						
January	1,892	0	367	129	1,396	
February	1,675	0	304	112	1,259	
March	1,700	0	304	109	1,287	
April	1,483	0	189	92	1,203	
May	1,666	0	232	96	1,338	
Year to Date						
2010	9,436	0	1,625	613	7,199	
2011	9,450	0	1,744	620	7,086	
2012	8,416	0	1,395	538	6,483	
Rolling 12 Months Ending in May						
2011	21,741	0	3,927	1,414	16,400	
2012	20,980	0	3,686	1,254	16,040	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.1.C. Coal: Consumption for Electricity Generation and Useful Thermal Output, by Sector 2002-May 2012
(Thousand Tons)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
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	1,053,783	753,390	273,246	1,886	25,262	
2007	1,069,606	764,765	280,377	1,927	22,537	
2008	1,064,503	760,326	280,254	2,021	21,902	
2009	955,190	695,615	238,012	1,798	19,766	
2010	1,001,411	721,431	253,621	1,720	24,638	
2011	954,925	688,436	240,122	1,633	24,733	
2010						
January	92,738	67,211	23,240	193	2,094	
February	82,029	59,279	20,605	167	1,978	
March	78,383	56,252	19,858	149	2,124	
April	69,179	49,997	16,845	117	2,220	
May	77,725	56,847	18,750	118	2,010	
June	89,063	64,891	22,139	135	1,898	
July	96,783	69,933	24,586	142	2,122	
August	96,593	69,860	24,387	152	2,194	
September	81,250	58,199	20,977	133	1,941	
October	72,571	51,353	19,139	121	1,958	
November	74,496	52,962	19,552	128	1,854	
December	90,600	64,645	23,544	165	2,246	
2011						
January	92,180	66,014	23,669	178	2,320	
February	75,364	54,347	18,808	165	2,044	
March	74,254	54,001	18,008	158	2,088	
April	68,631	49,405	17,336	124	1,767	
May	75,353	54,978	18,122	128	2,126	
June	85,880	62,639	21,060	124	2,056	
July	96,079	69,803	23,934	134	2,208	
August	93,974	68,049	23,618	124	2,182	
September	78,352	55,781	20,350	121	2,100	
October	71,305	50,619	18,490	116	2,080	
November	68,515	48,760	17,797	123	1,835	
December	75,036	54,041	18,930	138	1,927	
2012						
January	72,487	52,308	17,923	154	2,102	
February	64,477	46,854	15,597	137	1,890	
March	59,263	43,477	13,734	131	1,921	
April	53,057	39,707	11,649	111	1,589	
May	64,624	47,002	15,825	117	1,680	
Year to Date						
2010	400,054	289,586	99,298	745	10,426	
2011	385,784	278,744	95,943	752	10,344	
2012	313,909	229,349	74,727	650	9,183	
Rolling 12 Months Ending in May						
2011	987,140	710,589	250,266	1,727	24,557	
2012	883,051	639,041	218,906	1,531	23,572	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.2.A. Petroleum Liquids: Consumption for Electricity Generation, by Sector 2002-May 2012
(Thousand Barrels)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
2002	134,415	88,595	39,035	826	5,959	
2003	175,136	105,319	61,420	882	7,514	
2004	165,107	103,793	56,342	760	4,212	
2005	165,137	98,223	62,154	580	4,180	
2006	73,821	53,529	17,179	327	2,786	
2007	82,433	56,910	22,793	250	2,480	
2008	53,846	38,995	13,152	160	1,538	
2009	43,562	31,847	9,880	184	1,652	
2010	40,103	30,806	8,278	164	855	
2011	26,728	20,469	5,521	109	629	
2010						
January	5,587	4,381	1,083	17	106	
February	2,156	1,599	454	15	88	
March	2,178	1,775	325	11	66	
April	2,013	1,633	306	10	63	
May	3,168	2,593	496	14	65	
June	4,485	3,667	750	13	55	
July	5,228	3,545	1,589	26	68	
August	4,245	3,232	944	15	54	
September	2,844	2,154	622	13	56	
October	2,029	1,581	369	10	69	
November	2,001	1,487	436	5	73	
December	4,170	3,161	903	14	91	
2011						
January	3,170	2,118	973	13	66	
February	1,985	1,535	388	9	53	
March	2,095	1,694	342	7	52	
April	2,407	2,037	300	6	63	
May	2,241	1,832	361	7	41	
June	2,375	1,758	554	9	55	
July	2,870	1,877	934	15	43	
August	2,264	1,761	445	9	49	
September	1,898	1,498	324	8	68	
October	1,776	1,451	265	11	49	
November	1,754	1,435	270	7	41	
December	1,896	1,474	364	7	50	
2012						
January	1,895	1,510	330	6	49	
February	1,511	1,228	232	4	47	
March	1,568	1,317	205	5	41	
April	1,657	1,367	223	8	58	
May	1,834	1,412	369	8	44	
Year to Date						
2010	15,101	11,980	2,664	68	389	
2011	11,896	9,215	2,364	42	275	
2012	8,464	6,836	1,359	31	238	
Rolling 12 Months Ending in May						
2011	36,898	28,041	7,978	138	741	
2012	23,296	18,090	4,516	98	592	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.2.B. Petroleum Liquids: Consumption for Useful Thermal Output, by Sector 2002-May 2012
(Thousand Barrels)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
2002	12,228	0	286	384	11,558	
2003	14,124	0	1,197	512	12,414	
2004	20,654	0	1,501	1,203	17,951	
2005	20,494	0	1,392	1,004	18,097	
2006	14,077	0	1,153	559	12,365	
2007	13,462	0	1,303	441	11,718	
2008	7,533	0	1,311	461	5,762	
2009	8,128	0	1,301	293	6,534	
2010	4,866	0	1,086	212	3,567	
2011	3,527	0	1,040	141	2,346	
2010						
January	606	0	105	31	470	
February	504	0	78	26	401	
March	335	0	46	7	281	
April	355	0	86	9	260	
May	340	0	93	14	232	
June	304	0	89	13	202	
July	392	0	90	34	268	
August	337	0	91	26	220	
September	313	0	88	9	215	
October	398	0	95	5	298	
November	431	0	128	8	296	
December	552	0	97	31	424	
2011						
January	432	0	116	25	291	
February	307	0	73	10	225	
March	298	0	76	15	207	
April	325	0	85	9	231	
May	273	0	84	10	180	
June	278	0	84	13	181	
July	283	0	88	19	175	
August	275	0	94	11	171	
September	273	0	91	7	175	
October	300	0	88	8	204	
November	240	0	84	8	148	
December	243	0	77	8	158	
2012						
January	269	0	96	16	157	
February	186	0	65	5	116	
March	212	0	55	6	152	
April	192	0	66	5	121	
May	206	0	86	7	113	
Year to Date						
2010	2,139	0	408	87	1,643	
2011	1,635	0	434	68	1,134	
2012	1,065	0	368	39	659	
Rolling 12 Months Ending in May						
2011	4,363	0	1,113	193	3,057	
2012	2,957	0	974	112	1,871	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output, by Sector 2002-May 2012
(Thousand Barrels)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
2002	146,643	88,595	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	87,898	53,529	18,332	886	15,150	
2007	95,895	56,910	24,097	691	14,198	
2008	61,379	38,995	14,463	621	7,300	
2009	51,690	31,847	11,181	477	8,185	
2010	44,968	30,806	9,364	376	4,422	
2011	30,255	20,469	6,561	250	2,975	
2010						
January	6,193	4,381	1,188	48	576	
February	2,660	1,599	532	41	489	
March	2,512	1,775	371	18	348	
April	2,367	1,633	392	19	323	
May	3,507	2,593	589	28	297	
June	4,789	3,667	839	26	257	
July	5,620	3,545	1,679	59	336	
August	4,582	3,232	1,035	40	274	
September	3,157	2,154	711	22	271	
October	2,427	1,581	463	15	367	
November	2,433	1,487	564	13	369	
December	4,722	3,161	1,000	46	515	
2011						
January	3,602	2,118	1,090	38	357	
February	2,292	1,535	461	18	278	
March	2,392	1,694	418	22	259	
April	2,732	2,037	385	15	294	
May	2,514	1,832	444	17	221	
June	2,653	1,758	638	22	236	
July	3,153	1,877	1,023	35	218	
August	2,539	1,761	538	20	220	
September	2,171	1,498	415	15	243	
October	2,075	1,451	353	19	253	
November	1,994	1,435	355	15	189	
December	2,139	1,474	441	15	208	
2012						
January	2,165	1,510	426	22	206	
February	1,697	1,228	297	9	162	
March	1,780	1,317	259	11	192	
April	1,849	1,367	289	13	179	
May	2,040	1,412	455	15	157	
Year to Date						
2010	17,240	11,980	3,072	155	2,032	
2011	13,532	9,215	2,798	110	1,409	
2012	9,530	6,836	1,728	70	897	
Rolling 12 Months Ending in May						
2011	41,261	28,041	9,090	331	3,798	
2012	26,253	18,090	5,491	210	2,463	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.3.A. Petroleum Coke: Consumption for Electricity Generation by Sector, 2002-May 2012
(Thousand Tons)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
2002	6,836	2,125	3,580	2	1,130	
2003	6,303	2,554	3,166	2	582	
2004	7,677	4,150	2,985	1	541	
2005	8,330	4,130	3,746	1	452	
2006	7,363	3,619	3,286	1	456	
2007	6,036	2,808	2,715	2	512	
2008	5,417	2,296	2,704	1	416	
2009	4,821	2,761	1,724	1	335	
2010	4,994	3,325	1,354	2	313	
2011	4,561	3,172	1,110	1	279	
2010						
January	433	283	121	0	29	
February	404	258	120	0	25	
March	438	308	108	0	23	
April	382	253	107	0	22	
May	415	261	129	0	25	
June	493	319	144	0	30	
July	524	340	155	0	29	
August	423	286	106	0	31	
September	394	296	75	0	23	
October	362	245	92	0	25	
November	317	201	89	0	27	
December	408	274	108	0	25	
2011						
January	526	393	101	0	32	
February	387	260	106	0	21	
March	465	305	135	0	25	
April	304	195	87	0	21	
May	316	199	97	0	20	
June	388	273	91	0	24	
July	479	342	109	0	28	
August	415	299	90	0	26	
September	392	296	74	0	23	
October	307	220	68	0	19	
November	250	156	77	0	17	
December	331	234	75	0	22	
2012						
January	414	256	75	0	82	
February	314	192	71	0	51	
March	251	107	94	0	50	
April	204	121	33	0	50	
May	234	140	47	0	47	
Year to Date						
2010	2,072	1,363	585	1	124	
2011	1,998	1,352	525	1	120	
2012	1,417	817	320	0	280	
Rolling 12 Months Ending in May						
2011	4,919	3,314	1,294	1	310	
2012	3,980	2,637	904	1	438	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output by Sector, 2002-May 2012
(Thousand Tons)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
2002	517	0	111	6	399	
2003	763	0	80	9	675	
2004	1,043	0	237	8	798	
2005	783	0	206	8	568	
2006	1,259	0	195	9	1,055	
2007	1,262	0	162	11	1,090	
2008	897	0	119	9	769	
2009	1,007	0	126	8	873	
2010	1,059	0	98	11	950	
2011	1,105	0	113	6	987	
2010						
January	92	0	10	1	81	
February	93	0	10	1	82	
March	84	0	12	1	71	
April	76	0	9	1	66	
May	84	0	10	0	75	
June	93	0	8	0	86	
July	89	0	8	0	80	
August	87	0	2	1	84	
September	82	0	2	1	79	
October	91	0	9	1	81	
November	97	0	11	1	84	
December	91	0	9	2	81	
2011						
January	75	0	5	1	69	
February	103	0	9	1	93	
March	107	0	11	1	95	
April	105	0	9	0	96	
May	118	0	11	0	107	
June	87	0	9	0	78	
July	87	0	11	0	76	
August	82	0	11	0	72	
September	73	0	10	0	62	
October	81	0	7	0	74	
November	109	0	9	1	99	
December	77	0	10	1	65	
2012						
January	73	0	11	1	60	
February	74	0	11	1	62	
March	121	0	11	1	109	
April	102	0	9	0	93	
May	104	0	11	0	92	
Year to Date						
2010	429	0	50	4	375	
2011	509	0	45	4	460	
2012	474	0	53	4	417	
Rolling 12 Months Ending in May						
2011	1,139	0	93	10	1,036	
2012	1,070	0	121	6	944	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector 2002-May 2012
(Thousand Tons)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
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	8,622	3,619	3,482	10	1,511	
2007	7,299	2,808	2,877	12	1,602	
2008	6,314	2,296	2,823	10	1,184	
2009	5,828	2,761	1,850	9	1,209	
2010	6,053	3,325	1,452	12	1,264	
2011	5,666	3,172	1,223	6	1,265	
2010						
January	525	283	130	1	110	
February	497	258	131	1	106	
March	522	308	119	1	94	
April	458	253	116	1	88	
May	500	261	139	0	100	
June	586	319	151	0	116	
July	613	340	163	0	109	
August	510	286	108	1	115	
September	475	296	76	1	102	
October	453	245	101	1	106	
November	414	201	100	2	111	
December	499	274	117	2	106	
2011						
January	602	393	107	1	100	
February	490	260	115	1	115	
March	573	305	145	1	121	
April	409	195	96	0	117	
May	434	199	107	0	128	
June	475	273	101	0	101	
July	566	342	120	0	104	
August	498	299	101	0	98	
September	465	296	84	0	85	
October	388	220	75	0	93	
November	358	156	86	1	116	
December	408	234	85	2	88	
2012						
January	487	256	86	2	143	
February	388	192	82	1	113	
March	372	107	104	1	159	
April	305	121	42	0	142	
May	338	140	58	0	140	
Year to Date						
2010	2,501	1,363	635	5	498	
2011	2,507	1,352	570	4	580	
2012	1,891	817	373	4	697	
Rolling 12 Months Ending in May						
2011	6,058	3,314	1,387	11	1,346	
2012	5,050	2,637	1,025	7	1,382	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector 2002-May 2012
(Million Cubic Feet)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
	2002	6,126,062	2,259,684	3,148,595	32,545	685,239
	2003	5,616,135	1,763,764	3,145,485	38,480	668,407
	2004	5,674,580	1,809,443	3,265,896	32,839	566,401
	2005	6,036,370	2,134,859	3,349,921	33,785	517,805
	2006	6,461,615	2,478,396	3,412,826	34,623	535,770
	2007	7,089,342	2,736,418	3,765,194	34,087	553,643
	2008	6,895,843	2,730,134	3,612,197	33,403	520,109
	2009	7,121,069	2,911,279	3,655,712	34,279	519,799
	2010	7,680,185	3,290,993	3,794,423	39,462	555,307
	2011	7,880,481	3,378,222	3,900,340	37,773	564,146
2010						
	January	570,204	244,970	274,050	3,162	48,023
	February	501,790	211,934	244,016	2,894	42,945
	March	478,851	207,974	223,630	2,972	44,275
	April	493,588	210,270	238,616	2,709	41,994
	May	582,287	261,882	273,632	2,661	44,111
	June	731,357	314,471	366,984	2,931	46,970
	July	922,648	387,996	480,611	3,659	50,382
	August	971,855	411,663	503,418	3,847	52,927
	September	723,230	306,156	365,331	3,447	48,295
	October	594,338	260,110	287,180	3,471	43,576
	November	519,375	219,357	253,331	3,345	43,341
	December	590,663	254,209	283,622	4,364	48,467
2011						
	January	563,832	233,072	278,829	3,413	48,518
	February	503,124	203,170	253,401	2,981	43,573
	March	503,889	211,803	244,771	2,899	44,416
	April	548,297	238,912	261,446	2,925	45,014
	May	602,778	265,648	285,846	3,120	48,163
	June	728,673	326,977	351,796	3,077	46,823
	July	965,584	425,152	487,217	3,538	49,676
	August	947,850	415,830	478,457	3,340	50,222
	September	709,700	303,177	357,592	2,960	45,971
	October	599,942	260,894	292,528	2,946	43,574
	November	567,665	235,483	282,333	3,140	46,709
	December	639,148	258,104	326,123	3,434	51,486
2012						
	January	676,045	281,378	341,913	3,163	49,591
	February	672,419	273,450	349,185	2,858	46,926
	March	703,513	295,395	359,296	2,838	45,984
	April	744,469	324,214	373,002	2,794	44,459
	May	843,453	377,646	412,159	2,837	50,811
Year to Date						
	2010	2,626,720	1,137,030	1,253,945	14,398	221,348
	2011	2,721,920	1,152,605	1,324,293	15,338	229,684
	2012	3,639,899	1,552,083	1,835,555	14,489	237,772
Rolling 12 Months Ending in May						
	2011	7,775,385	3,306,568	3,864,772	40,402	563,643
	2012	8,798,460	3,777,700	4,411,602	36,924	572,234

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output by Sector, 2002-May 2012
(Million Cubic Feet)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
2002	860,024	0	263,619	41,435	554,970	
2003	721,267	0	225,967	19,973	475,327	
2004	1,052,100	0	388,424	39,233	624,443	
2005	984,340	0	384,365	34,172	565,803	
2006	942,817	0	330,878	33,112	578,828	
2007	872,579	0	339,796	35,987	496,796	
2008	793,537	0	326,048	32,813	434,676	
2009	816,787	0	305,542	41,275	469,970	
2010	821,775	0	301,769	46,324	473,683	
2011	826,548	0	323,364	43,661	459,524	
2010						
January	72,867	0	26,791	4,086	41,990	
February	64,030	0	23,665	3,731	36,634	
March	68,097	0	25,259	3,612	39,225	
April	62,604	0	22,596	3,279	36,729	
May	64,675	0	24,150	3,079	37,446	
June	64,855	0	24,210	3,254	37,391	
July	74,050	0	28,575	4,452	41,023	
August	74,748	0	27,921	4,955	41,872	
September	67,954	0	25,235	4,034	38,685	
October	67,393	0	23,073	3,960	40,361	
November	66,220	0	23,851	3,786	38,583	
December	74,282	0	26,442	4,096	43,744	
2011						
January	75,394	0	30,315	4,193	40,886	
February	64,732	0	25,653	3,544	35,535	
March	66,535	0	26,119	3,447	36,969	
April	66,208	0	25,599	3,345	37,264	
May	68,469	0	26,261	3,591	38,617	
June	65,677	0	26,223	3,315	36,139	
July	71,692	0	29,831	3,706	38,155	
August	71,862	0	29,139	3,590	39,132	
September	67,352	0	25,677	3,398	38,278	
October	66,238	0	25,058	3,511	37,670	
November	68,083	0	25,429	3,812	38,842	
December	74,306	0	28,061	4,208	42,036	
2012						
January	76,864	0	28,024	4,296	44,543	
February	70,567	0	26,537	4,046	39,984	
March	71,653	0	25,356	3,286	43,011	
April	69,420	0	26,859	2,916	39,645	
May	71,043	0	28,970	2,686	39,387	
Year to Date						
2010	332,273	0	122,461	17,788	192,024	
2011	341,337	0	133,946	18,120	189,271	
2012	359,546	0	135,746	17,230	206,569	
Rolling 12 Months Ending in May						
2011	830,840	0	313,253	46,657	470,930	
2012	844,756	0	325,164	42,771	476,822	

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.4.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector 2002-May 2012
(Million Cubic Feet)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
Annual Totals						
	2002	6,986,087	2,259,684	3,412,213	73,980	1,240,209
	2003	6,337,402	1,763,764	3,371,452	58,453	1,143,734
	2004	6,726,679	1,809,443	3,654,320	72,072	1,190,844
	2005	7,020,709	2,134,859	3,734,286	67,957	1,083,607
	2006	7,404,432	2,478,396	3,743,704	67,735	1,114,597
	2007	7,961,922	2,736,418	4,104,991	70,074	1,050,439
	2008	7,689,380	2,730,134	3,938,245	66,216	954,785
	2009	7,937,856	2,911,279	3,961,254	75,555	989,769
	2010	8,501,960	3,290,993	4,096,192	85,786	1,028,990
	2011	8,707,029	3,378,222	4,223,703	81,433	1,023,670
2010						
	January	643,072	244,970	300,842	7,248	90,013
	February	565,820	211,934	267,681	6,626	79,580
	March	546,948	207,974	248,889	6,584	83,501
	April	556,192	210,270	261,212	5,988	78,722
	May	646,962	261,882	297,782	5,740	81,557
	June	796,212	314,471	391,194	6,185	84,362
	July	996,697	387,996	509,185	8,111	91,405
	August	1,046,602	411,663	531,340	8,801	94,799
	September	791,184	306,156	390,566	7,481	86,980
	October	661,732	260,110	310,253	7,431	83,937
	November	585,595	219,357	277,182	7,131	81,924
	December	664,945	254,209	310,065	8,461	92,210
2011						
	January	639,226	233,072	309,144	7,606	89,404
	February	567,856	203,170	279,053	6,525	79,108
	March	570,424	211,803	270,890	6,346	81,385
	April	614,505	238,912	287,045	6,271	82,278
	May	671,246	265,648	312,107	6,711	86,780
	June	794,349	326,977	378,019	6,391	82,962
	July	1,037,276	425,152	517,049	7,244	87,831
	August	1,019,712	415,830	507,597	6,931	89,355
	September	777,052	303,177	383,268	6,358	84,249
	October	666,180	260,894	317,586	6,456	81,244
	November	635,749	235,483	307,762	6,952	85,551
	December	713,453	258,104	354,184	7,643	93,523
2012						
	January	752,908	281,378	369,938	7,459	94,134
	February	742,986	273,450	375,722	6,904	86,910
	March	775,166	295,395	384,651	6,124	88,995
	April	813,889	324,214	399,861	5,711	84,103
	May	914,496	377,646	441,129	5,523	90,198
Year to Date						
	2010	2,958,993	1,137,030	1,376,406	32,185	413,372
	2011	3,063,257	1,152,605	1,458,239	33,458	418,955
	2012	3,999,445	1,552,083	1,971,301	31,720	444,341
Rolling 12 Months Ending in May						
	2011	8,606,224	3,306,568	4,178,025	87,059	1,034,573
	2012	9,643,217	3,777,700	4,736,766	79,695	1,049,056

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 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding. Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-

Table 2.5.A. Coal Consumption by State, by Sector, May 2012 and 2011
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	NM	159	NM	1	36	NM	122	--	--	1	1
Connecticut	5	--	.	--	--	5	--	--	--	--	--
Maine	1	1	-35.6%	--	--	1	1	--	--	*	*
Massachusetts	NM	122	NM	--	--	NM	121	--	--	NM	NM
New Hampshire	1	36	-97.7%	1	36	--	--	--	--	--	--
Rhode Island	--	--	.	--	--	--	--	--	--	--	--
Vermont	--	--	.	--	--	--	--	--	--	--	--
Middle Atlantic	3,431	4,328	-20.7%	--	NM	3,385	4,267	NM	NM	47	57
New Jersey	40	206	-80.6%	--	--	40	206	--	--	--	--
New York	94	342	-72.6%	--	NM	89	332	--	--	5	6
Pennsylvania	3,298	3,779	-12.7%	--	--	3,256	3,728	NM	NM	42	51
East North Central	13,682	15,430	-11.3%	9,169	10,893	4,415	4,445	7	8	92	85
Illinois	3,792	3,781	0.3%	532	451	3,209	3,277	1	--	51	53
Indiana	3,453	4,018	-14.1%	3,253	3,667	198	347	2	3	1	NM
Michigan	2,349	2,564	-8.4%	2,324	2,532	18	20	4	5	3	7
Ohio	2,931	3,528	-16.9%	1,924	2,722	990	800	--	--	17	7
Wisconsin	1,156	1,539	-24.9%	1,136	1,522	--	--	NM	NM	19	17
West North Central	9,562	11,157	-14.3%	9,450	11,037	--	--	4	5	107	115
Iowa	1,501	1,653	-9.2%	1,435	1,584	--	--	3	3	64	66
Kansas	1,295	1,836	-29.5%	1,295	1,836	--	--	--	--	--	--
Minnesota	791	1,409	-43.9%	757	1,371	--	--	--	--	34	38
Missouri	3,199	3,531	-9.4%	3,196	3,526	--	--	2	2	1	2
Nebraska	950	1,089	-12.7%	949	1,088	--	--	--	--	NM	NM
North Dakota	1,667	1,473	13.1%	1,660	1,466	--	--	--	--	7	8
South Dakota	158	166	-4.5%	158	166	--	--	--	--	--	--
South Atlantic	9,998	12,566	-20.4%	8,409	10,813	1,550	1,701	1	2	37	50
Delaware	73	73	-0.2%	--	--	73	73	--	--	--	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	1,672	2,095	-20.2%	1,581	1,969	87	121	--	--	3	5
Georgia	2,040	3,025	-32.6%	2,030	3,014	--	--	--	--	10	11
Maryland	566	755	-25.0%	--	--	562	751	--	--	3	4
North Carolina	1,862	2,138	-12.9%	1,806	2,049	52	81	--	1	4	7
South Carolina	1,013	1,390	-27.1%	1,009	1,383	--	2	--	--	4	4
Virginia	440	757	-41.8%	364	668	67	78	NM	NM	9	10
West Virginia	2,332	2,334	-0.1%	1,619	1,729	709	596	--	--	4	9
East South Central	7,022	8,241	-14.8%	6,714	8,045	280	165	NM	NM	28	31
Alabama	1,776	2,455	-27.7%	1,767	2,443	3	4	--	--	6	8
Kentucky	3,087	3,252	-5.1%	3,087	3,252	--	--	--	--	--	--
Mississippi	472	522	-9.5%	195	361	277	161	--	--	--	--
Tennessee	1,687	2,012	-16.2%	1,665	1,990	--	--	NM	NM	22	22
West South Central	11,875	13,789	-13.9%	6,377	7,031	5,485	6,394	--	--	12	364
Arkansas	1,552	1,404	10.6%	1,309	1,229	241	173	--	--	2	3
Louisiana	1,187	1,205	-1.5%	571	724	616	481	--	--	--	--
Oklahoma	1,522	1,796	-15.3%	1,436	1,655	75	125	--	--	11	17
Texas	7,613	9,384	-18.9%	3,060	3,423	4,553	5,616	--	--	--	345
Mountain	7,217	7,674	-5.9%	6,865	7,104	343	535	--	--	10	35
Arizona	1,714	1,742	-1.6%	1,709	1,734	--	--	--	--	5	8
Colorado	1,360	1,257	8.2%	1,357	1,253	3	4	--	--	--	--
Idaho	1	1	-7.7%	--	--	--	--	--	--	1	1
Montana	311	477	-34.9%	NM	NM	293	459	--	--	--	--
Nevada	49	159	-69.4%	48	138	1	21	--	--	--	--
New Mexico	1,135	1,141	-0.5%	1,135	1,141	--	--	--	--	--	--
Utah	919	1,260	-27.1%	897	1,213	NM	NM	--	--	*	22
Wyoming	1,729	1,636	5.7%	1,702	1,607	NM	NM	--	--	3	4
Pacific Contiguous	39	73	-46.7%	--	--	32	66	--	--	7	7
California	38	72	-47.3%	--	--	32	66	--	--	6	6
Oregon	--	--	.	--	--	--	--	--	--	--	--
Washington	1	1	33.8%	--	--	--	--	--	--	1	1
Pacific Noncontiguous	107	94	13.7%	18	15	80	70	8	8	NM	NM
Alaska	42	40	4.2%	18	15	16	17	8	8	--	--
Hawaii	65	54	21.0%	--	--	64	52	--	--	NM	NM
U.S. Total	62,958	73,511	-14.4%	47,002	54,978	15,593	17,765	20	23	342	746

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.5.B. Coal Consumption by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Tons)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	579	1,785	-67.5%	233	492	342	1,288	--	--	4	5
Connecticut	22	147	-85.0%	--	--	22	147	--	--	--	--
Maine	4	7	-40.5%	--	--	2	4	--	--	2	3
Massachusetts	321	1,140	-71.9%	--	--	318	1,138	--	--	2	2
New Hampshire	233	492	-52.7%	233	492	--	--	--	--	--	--
Rhode Island	--	--	.	--	--	--	--	--	--	--	--
Vermont	--	--	.	--	--	--	--	--	--	--	--
Middle Atlantic	16,426	22,002	-25.3%	NM	NM	16,174	21,702	NM	1	251	282
New Jersey	216	855	-74.8%	--	--	216	855	--	--	--	--
New York	790	2,173	-63.7%	NM	NM	758	2,121	--	1	30	33
Pennsylvania	15,421	18,974	-18.7%	--	--	15,200	18,725	NM	*	221	248
East North Central	69,108	83,847	-17.6%	47,458	58,253	21,203	25,102	34	47	414	445
Illinois	18,794	21,368	-12.0%	2,578	2,591	15,966	18,495	4	5	246	277
Indiana	17,827	20,461	-12.9%	16,351	18,522	1,457	1,920	14	15	5	5
Michigan	10,980	12,785	-14.1%	10,860	12,628	87	97	14	25	20	35
Ohio	14,890	20,067	-25.8%	11,141	15,443	3,693	4,590	--	--	56	35
Wisconsin	6,617	9,165	-27.8%	6,528	9,070	--	--	2	2	87	93
West North Central	51,313	59,551	-13.8%	50,755	58,978	--	--	24	29	533	544
Iowa	8,172	9,269	-11.8%	7,849	8,946	--	--	17	18	306	305
Kansas	6,308	8,001	-21.2%	6,308	8,001	--	--	--	--	--	--
Minnesota	5,066	7,261	-30.2%	4,889	7,078	--	--	--	--	177	183
Missouri	16,112	18,742	-14.0%	16,096	18,716	--	--	7	11	9	14
Nebraska	5,663	6,009	-5.8%	5,659	6,005	--	--	--	--	5	5
North Dakota	9,286	9,357	-0.8%	9,250	9,320	--	--	--	--	36	37
South Dakota	706	913	-22.7%	706	913	--	--	--	--	--	--
South Atlantic	43,147	59,033	-26.9%	36,449	49,719	6,484	9,046	6	10	209	258
Delaware	184	333	-44.6%	--	--	184	333	--	--	--	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	7,352	9,212	-20.2%	7,030	8,705	305	481	--	--	17	26
Georgia	8,026	12,430	-35.4%	7,977	12,366	--	--	--	--	48	65
Maryland	2,082	3,892	-46.5%	--	--	2,065	3,870	--	--	17	21
North Carolina	7,845	10,489	-25.2%	7,560	10,101	258	351	3	6	23	31
South Carolina	4,712	5,869	-19.7%	4,687	5,832	2	9	--	--	24	27
Virginia	2,130	3,919	-45.7%	1,850	3,443	231	419	NM	4	46	52
West Virginia	10,817	12,890	-16.1%	7,344	9,272	3,440	3,582	--	--	33	35
East South Central	30,078	40,222	-25.2%	28,751	39,045	1,187	1,032	2	2	138	143
Alabama	7,509	11,569	-35.1%	7,472	11,508	6	27	--	--	31	34
Kentucky	14,793	17,176	-13.9%	14,793	17,176	--	--	--	--	--	--
Mississippi	1,987	2,377	-16.4%	805	1,372	1,181	1,005	--	--	--	--
Tennessee	5,789	9,101	-36.4%	5,680	8,990	--	--	2	2	107	109
West South Central	53,457	65,579	-18.5%	29,152	33,415	23,280	30,702	--	--	1,026	1,462
Arkansas	7,068	6,890	2.6%	6,014	5,916	1,043	962	--	--	10	13
Louisiana	4,920	6,466	-23.9%	2,544	3,038	2,377	3,429	--	--	--	--
Oklahoma	7,098	8,786	-19.2%	6,693	8,227	353	487	--	--	53	72
Texas	34,371	43,437	-20.9%	13,902	16,234	19,507	25,825	--	--	962	1,378
Mountain	39,866	42,330	-5.8%	35,986	38,157	3,793	4,093	--	--	88	80
Arizona	8,383	8,966	-6.5%	8,358	8,933	--	--	--	--	25	33
Colorado	7,288	7,346	-0.8%	7,275	7,328	13	18	--	--	--	--
Idaho	7	7	-4.1%	--	--	--	--	--	--	7	7
Montana	3,411	3,627	-6.0%	NM	109	3,313	3,518	--	--	--	--
Nevada	511	873	-41.5%	297	608	214	265	--	--	--	--
New Mexico	5,404	6,227	-13.2%	5,404	6,227	--	--	--	--	--	--
Utah	5,064	5,894	-14.1%	4,908	5,733	NM	139	--	--	39	22
Wyoming	9,799	9,390	4.4%	9,646	9,219	136	153	--	--	17	18
Pacific Contiguous	1,007	1,486	-32.2%	477	596	497	855	--	--	33	34
California	258	336	-23.3%	--	--	229	305	--	--	29	31
Oregon	477	596	-20.1%	477	596	--	--	--	--	--	--
Washington	272	553	-50.8%	--	--	268	550	--	--	4	3
Pacific Noncontiguous	511	497	2.8%	88	70	372	378	47	43	NM	7
Alaska	215	195	10.4%	88	70	81	83	47	43	--	--
Hawaii	296	302	-2.1%	--	--	291	296	--	--	NM	7
U.S. Total	305,493	376,333	-18.8%	229,349	278,744	73,332	94,198	112	132	2,700	3,259

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.6.A. Petroleum Liquids Consumption by State, by Sector May 2012 and 2011
(Thousand Barrels)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	38	23	64.4%	NM	3	27	11	NM	4	3	5
Connecticut	17	NM	NM	NM	NM	17	NM	--	--	NM	NM
Maine	6	7	-9.4%	NM	NM	2	1	NM	NM	3	5
Massachusetts	12	9	26.7%	NM	NM	7	7	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	1	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	2	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	117	186	-36.9%	30	35	79	142	2	NM	5	8
New Jersey	NM	12	NM	NM	NM	NM	11	NM	NM	NM	NM
New York	56	66	-14.8%	30	34	20	24	2	NM	5	7
Pennsylvania	57	108	-47.4%	NM	NM	56	107	NM	NM	NM	NM
East North Central	91	131	-30.5%	79	108	11	21	NM	NM	1	2
Illinois	10	18	-42.7%	4	6	6	12	NM	NM	NM	NM
Indiana	19	27	-28.2%	19	26	NM	NM	NM	NM	1	1
Michigan	28	29	-4.1%	28	28	*	NM	NM	*	*	1
Ohio	26	51	-48.4%	21	41	5	9	--	--	*	*
Wisconsin	7	6	15.7%	7	6	*	--	NM	NM	NM	NM
West North Central	71	51	39.0%	66	50	4	NM	NM	NM	NM	NM
Iowa	28	13	109.7%	28	13	NM	NM	NM	NM	NM	NM
Kansas	7	6	10.8%	7	6	--	--	--	--	--	--
Minnesota	10	3	206.4%	5	3	4	NM	NM	NM	NM	NM
Missouri	10	16	-38.7%	10	16	--	--	NM	NM	--	NM
Nebraska	6	3	111.8%	6	3	--	--	--	--	--	--
North Dakota	10	9	12.8%	9	8	--	--	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
South Atlantic	303	580	-47.8%	231	515	52	54	NM	NM	18	10
Delaware	3	4	-28.7%	NM	NM	3	4	--	--	--	--
District of Columbia	18	8	116.2%	--	--	18	8	--	--	--	--
Florida	112	331	-66.3%	110	326	NM	3	--	--	NM	3
Georgia	23	16	41.5%	10	13	NM	NM	NM	NM	13	3
Maryland	19	27	-27.7%	NM	NM	19	26	NM	NM	*	*
North Carolina	46	40	14.6%	45	38	NM	NM	NM	NM	NM	2
South Carolina	20	20	-2.6%	18	18	--	--	NM	NM	2	2
Virginia	40	97	-59.2%	26	83	12	12	*	*	1	2
West Virginia	23	36	-36.8%	23	36	--	--	--	--	--	--
East South Central	62	112	-44.2%	60	106	NM	*	--	--	NM	5
Alabama	15	25	-39.1%	13	20	NM	*	--	--	NM	4
Kentucky	19	24	-22.4%	19	24	--	--	--	--	--	--
Mississippi	5	3	101.4%	5	2	--	--	--	--	*	*
Tennessee	23	59	-61.9%	23	59	--	--	--	--	NM	NM
West South Central	86	34	150.4%	19	22	64	12	NM	NM	2	NM
Arkansas	3	8	-65.9%	2	4	*	3	--	--	*	NM
Louisiana	13	18	-31.2%	7	13	4	5	--	--	1	*
Oklahoma	5	NM	NM	5	1	--	--	NM	NM	NM	NM
Texas	66	7	852.8%	6	3	60	4	NM	NM	NM	NM
Mountain	38	48	-20.6%	30	46	8	2	NM	NM	NM	NM
Arizona	9	11	-22.1%	9	11	--	--	NM	NM	NM	NM
Colorado	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	6	NM	NM	NM	NM	6	NM	--	--	--	--
Nevada	3	2	63.2%	1	*	2	1	--	--	--	--
New Mexico	6	10	-41.4%	6	10	NM	--	--	NM	NM	NM
Utah	4	9	-51.9%	4	9	--	--	--	--	--	--
Wyoming	9	14	-38.3%	9	14	--	--	--	--	NM	NM
Pacific Contiguous	8	6	45.2%	6	5	NM	NM	NM	NM	1	1
California	6	5	17.0%	5	4	1	NM	NM	NM	NM	NM
Oregon	1	*	52950.0%	1	*	--	--	--	--	--	--
Washington	2	1	69.2%	NM	NM	NM	*	NM	NM	1	*
Pacific Noncontiguous	1,020	1,071	-4.7%	887	943	122	118	NM	NM	10	9
Alaska	142	104	35.6%	135	98	--	--	NM	NM	6	6
Hawaii	878	966	-9.1%	752	845	122	118	*	*	4	NM
U.S. Total	1,834	2,241	-18.2%	1,412	1,832	369	361	8	7	44	41

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.6.B. Petroleum Liquids Consumption by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Barrels)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	256	642	-60.1%	51	142	170	431	15	25	19	44
Connecticut	47	146	-67.8%	NM	2	46	143	--	--	NM	NM
Maine	77	197	-60.7%	NM	1	56	149	NM	NM	19	44
Massachusetts	92	197	-53.2%	14	44	68	137	10	16	NM	NM
New Hampshire	29	90	-67.2%	26	83	NM	NM	3	6	NM	NM
Rhode Island	8	9	-9.6%	8	8	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	368	1,155	-68.1%	70	285	260	817	6	NM	32	49
New Jersey	16	86	-81.7%	NM	NM	12	80	NM	NM	NM	NM
New York	192	663	-71.0%	67	280	90	335	5	2	29	46
Pennsylvania	160	406	-60.6%	NM	NM	158	402	NM	NM	1	2
East North Central	472	659	-28.4%	398	568	68	81	NM	3	6	8
Illinois	51	66	-22.5%	17	22	34	43	*	*	NM	NM
Indiana	89	132	-32.0%	87	125	NM	NM	NM	2	3	5
Michigan	126	167	-24.6%	123	164	1	NM	NM	1	2	2
Ohio	182	268	-31.9%	150	231	31	36	--	--	1	1
Wisconsin	23	27	-12.5%	22	25	1	1	NM	NM	NM	NM
West North Central	249	249	-0.1%	240	244	6	2	NM	NM	1	NM
Iowa	83	56	47.3%	82	55	NM	NM	NM	NM	NM	NM
Kansas	28	37	-24.0%	28	37	--	--	--	--	--	--
Minnesota	22	25	-13.5%	15	22	5	1	NM	NM	1	NM
Missouri	55	71	-22.4%	55	71	--	--	NM	NM	--	NM
Nebraska	25	25	-3.4%	25	25	--	--	--	--	--	--
North Dakota	28	28	0.4%	28	28	--	--	NM	NM	NM	NM
South Dakota	8	6	33.4%	8	6	NM	NM	NM	NM	--	--
South Atlantic	1,123	2,679	-58.1%	853	2,311	202	292	3	3	65	73
Delaware	16	37	-58.2%	NM	NM	15	37	--	--	--	--
District of Columbia	26	11	126.6%	--	--	26	11	--	--	--	--
Florida	342	1,556	-78.0%	331	1,530	4	13	--	--	6	14
Georgia	97	108	-10.4%	63	75	NM	4	1	1	31	27
Maryland	89	131	-31.9%	3	3	80	126	NM	NM	6	1
North Carolina	196	216	-8.9%	191	202	NM	NM	NM	NM	5	11
South Carolina	99	105	-5.6%	91	95	--	--	NM	NM	8	10
Virginia	157	346	-54.6%	73	256	75	80	1	1	9	9
West Virginia	101	169	-40.0%	101	150	--	19	--	--	--	--
East South Central	298	451	-33.9%	286	421	2	10	--	--	10	21
Alabama	63	111	-43.5%	52	82	2	10	--	--	9	19
Kentucky	84	104	-19.3%	84	104	--	--	--	--	--	--
Mississippi	13	53	-76.0%	12	52	--	--	--	--	1	1
Tennessee	139	183	-24.1%	138	182	--	--	--	--	NM	NM
West South Central	196	292	-33.0%	59	169	120	115	NM	NM	17	8
Arkansas	27	49	-44.9%	16	27	9	20	--	--	1	1
Louisiana	31	55	-44.5%	10	38	12	13	--	--	9	4
Oklahoma	11	13	-10.0%	11	12	--	--	NM	NM	NM	NM
Texas	127	176	-27.8%	21	91	99	82	NM	NM	7	NM
Mountain	170	196	-13.2%	156	177	13	17	NM	NM	NM	NM
Arizona	40	46	-14.0%	38	45	--	--	NM	NM	NM	1
Colorado	14	NM	NM	14	NM	*	6	--	*	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	9	9	7.0%	NM	NM	9	8	--	--	--	--
Nevada	17	8	120.0%	13	NM	4	3	--	--	--	--
New Mexico	35	NM	NM	34	NM	NM	--	--	NM	NM	NM
Utah	25	35	-30.2%	25	35	--	--	--	--	--	--
Wyoming	31	49	-36.8%	31	49	--	--	--	--	NM	NM
Pacific Contiguous	66	52	25.3%	31	32	21	12	NM	NM	13	8
California	40	28	40.8%	22	24	16	NM	NM	NM	NM	NM
Oregon	4	4	-19.6%	4	3	--	--	--	--	--	1
Washington	22	20	13.1%	NM	NM	4	9	NM	NM	12	6
Pacific Noncontiguous	5,266	5,520	-4.6%	4,690	4,866	498	588	5	NM	73	NM
Alaska	711	653	8.8%	679	620	--	--	NM	NM	29	30
Hawaii	4,556	4,867	-6.4%	4,011	4,246	498	588	2	1	44	NM
U.S. Total	8,464	11,896	-28.8%	6,836	9,215	1,359	2,364	31	42	238	275

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.7.A. Petroleum Coke Consumption by State, by Sector, May 2012 and 2011
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	--	--	.	--	--	--	--	--	--	--	--
Connecticut	--	--	.	--	--	--	--	--	--	--	--
Maine	--	--	.	--	--	--	--	--	--	--	--
Massachusetts	--	--	.	--	--	--	--	--	--	--	--
New Hampshire	--	--	.	--	--	--	--	--	--	--	--
Rhode Island	--	--	.	--	--	--	--	--	--	--	--
Vermont	--	--	.	--	--	--	--	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	--	2	--	--	NM	NM
New Jersey	--	--	.	--	--	--	--	--	--	--	--
New York	--	2	-100.0%	--	--	--	2	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	34	54	-37.0%	NM	10	28	38	--	--	4	6
Illinois	--	--	.	--	--	--	--	--	--	--	--
Indiana	--	--	.	--	--	--	--	--	--	--	--
Michigan	NM	5	NM	NM	NM	3	3	--	--	NM	1
Ohio	26	37	-28.6%	--	--	25	35	--	--	NM	1
Wisconsin	3	12	-73.6%	1	9	--	--	--	--	2	3
West North Central	--	3	-100.0%	--	3	--	--	--	--	--	--
Iowa	--	2	-100.0%	--	2	--	--	--	--	--	--
Kansas	--	1	-100.0%	--	1	--	--	--	--	--	--
Minnesota	--	--	.	--	--	--	--	--	--	--	--
Missouri	--	--	.	--	--	--	--	--	--	--	--
Nebraska	--	--	.	--	--	--	--	--	--	--	--
North Dakota	--	--	.	--	--	--	--	--	--	--	--
South Dakota	--	--	.	--	--	--	--	--	--	--	--
South Atlantic	4	44	-90.2%	--	38	--	--	--	--	4	6
Delaware	--	--	.	--	--	--	--	--	--	--	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	--	38	-100.0%	--	38	--	--	--	--	--	--
Georgia	4	6	-27.6%	--	--	--	--	--	--	4	6
Maryland	--	--	.	--	--	--	--	--	--	--	--
North Carolina	--	--	.	--	--	--	--	--	--	--	--
South Carolina	--	--	.	--	--	--	--	--	--	--	--
Virginia	--	--	.	--	--	--	--	--	--	--	--
West Virginia	--	--	.	--	--	--	--	--	--	--	--
East South Central	56	60	-6.4%	56	60	--	--	--	--	--	--
Alabama	--	--	.	--	--	--	--	--	--	--	--
Kentucky	56	60	-6.4%	56	60	--	--	--	--	--	--
Mississippi	--	--	.	--	--	--	--	--	--	--	--
Tennessee	--	--	.	--	--	--	--	--	--	--	--
West South Central	121	103	18.2%	82	88	--	7	--	--	39	8
Arkansas	--	--	.	--	--	--	--	--	--	--	--
Louisiana	85	91	-6.8%	82	88	--	--	--	--	NM	4
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	36	11	221.5%	--	--	--	7	--	--	36	5
Mountain	15	16	-3.3%	--	--	15	16	--	--	--	--
Arizona	--	--	.	--	--	--	--	--	--	--	--
Colorado	--	--	.	--	--	--	--	--	--	--	--
Idaho	--	--	.	--	--	--	--	--	--	--	--
Montana	15	16	-3.3%	--	--	15	16	--	--	--	--
Nevada	--	--	.	--	--	--	--	--	--	--	--
New Mexico	--	--	.	--	--	--	--	--	--	--	--
Utah	--	--	.	--	--	--	--	--	--	--	--
Wyoming	--	--	.	--	--	--	--	--	--	--	--
Pacific Contiguous	NM	34	NM	--	--	NM	34	--	--	--	--
California	NM	34	NM	--	--	NM	34	--	--	--	--
Oregon	--	--	.	--	--	--	--	--	--	--	--
Washington	--	--	.	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	.	--	--	--	--	--	--	--	--
Alaska	--	--	.	--	--	--	--	--	--	--	--
Hawaii	--	--	.	--	--	--	--	--	--	--	--
U.S. Total	234	316	-25.8%	140	199	47	97	--	--	47	20

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.7.B. Petroleum Coke Consumption by State, by Sector, Year-to-Date through May 2012 and 2011
(Thousand Tons)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	--	--	.	--	--	--	--	--	--	--	--
Connecticut	--	--	.	--	--	--	--	--	--	--	--
Maine	--	--	.	--	--	--	--	--	--	--	--
Massachusetts	--	--	.	--	--	--	--	--	--	--	--
New Hampshire	--	--	.	--	--	--	--	--	--	--	--
Rhode Island	--	--	.	--	--	--	--	--	--	--	--
Vermont	--	--	.	--	--	--	--	--	--	--	--
Middle Atlantic	NM	71	NM	--	--	NM	69	--	--	NM	NM
New Jersey	--	--	.	--	--	--	--	--	--	--	--
New York	NM	69	NM	--	--	NM	69	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	198	284	-30.3%	20	82	154	171	--	--	24	30
Illinois	--	--	.	--	--	--	--	--	--	--	--
Indiana	--	--	.	--	--	--	--	--	--	--	--
Michigan	22	25	-13.3%	NM	NM	14	14	--	--	4	7
Ohio	143	163	-12.2%	--	--	140	158	--	--	4	5
Wisconsin	33	96	-65.8%	16	78	--	--	--	--	17	18
West North Central	5	21	-75.8%	5	21	--	--	*	1	--	--
Iowa	5	14	-64.1%	5	14	--	--	*	1	--	--
Kansas	--	7	-100.0%	--	7	--	--	--	--	--	--
Minnesota	--	--	.	--	--	--	--	--	--	--	--
Missouri	--	--	.	--	--	--	--	--	--	--	--
Nebraska	--	--	.	--	--	--	--	--	--	--	--
North Dakota	--	--	.	--	--	--	--	--	--	--	--
South Dakota	--	--	.	--	--	--	--	--	--	--	--
South Atlantic	156	285	-45.2%	131	253	--	--	--	--	25	32
Delaware	--	--	.	--	--	--	--	--	--	--	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	131	253	-48.2%	131	253	--	--	--	--	--	--
Georgia	25	32	-21.3%	--	--	--	--	--	--	25	32
Maryland	--	--	.	--	--	--	--	--	--	--	--
North Carolina	--	--	.	--	--	--	--	--	--	--	--
South Carolina	--	--	.	--	--	--	--	--	--	--	--
Virginia	--	--	.	--	--	--	--	--	--	--	--
West Virginia	--	--	.	--	--	--	--	--	--	--	--
East South Central	179	276	-34.9%	179	276	--	--	--	--	--	--
Alabama	--	--	.	--	--	--	--	--	--	--	--
Kentucky	179	276	-34.9%	179	276	--	--	--	--	--	--
Mississippi	--	--	.	--	--	--	--	--	--	--	--
Tennessee	--	--	.	--	--	--	--	--	--	--	--
West South Central	711	824	-13.8%	482	720	--	48	--	--	229	56
Arkansas	--	--	.	--	--	--	--	--	--	--	--
Louisiana	504	755	-33.2%	482	720	--	--	--	--	22	34
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	206	69	199.4%	--	--	--	48	--	--	206	21
Mountain	77	70	9.8%	--	--	77	70	--	--	--	--
Arizona	--	--	.	--	--	--	--	--	--	--	--
Colorado	--	--	.	--	--	--	--	--	--	--	--
Idaho	--	--	.	--	--	--	--	--	--	--	--
Montana	77	70	9.8%	--	--	77	70	--	--	--	--
Nevada	--	--	.	--	--	--	--	--	--	--	--
New Mexico	--	--	.	--	--	--	--	--	--	--	--
Utah	--	--	.	--	--	--	--	--	--	--	--
Wyoming	--	--	.	--	--	--	--	--	--	--	--
Pacific Contiguous	76	167	-54.6%	--	--	76	167	--	--	--	--
California	76	167	-54.6%	--	--	76	167	--	--	--	--
Oregon	--	--	.	--	--	--	--	--	--	--	--
Washington	--	--	.	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	.	--	--	--	--	--	--	--	--
Alaska	--	--	.	--	--	--	--	--	--	--	--
Hawaii	--	--	.	--	--	--	--	--	--	--	--
U.S. Total	1,417	1,998	-29.1%	817	1,352	320	525	*	1	280	120

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.8.A. Natural Gas Consumptions by State, by Sector, May 2012 and 2011
(Million Cubic Feet)

			Electric Power Sector								
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	35,313	36,109	-2.2%	NM	199	32,987	33,772	446	399	1,566	1,739
Connecticut	7,719	8,442	-8.6%	NM	NM	7,371	8,202	NM	NM	NM	NM
Maine	2,120	4,314	-50.9%	--	--	880	2,830	NM	NM	1,238	1,483
Massachusetts	15,213	14,281	6.5%	217	135	14,549	13,737	317	310	NM	NM
New Hampshire	4,566	3,872	17.9%	*	2	4,556	3,862	--	--	NM	NM
Rhode Island	5,692	5,191	9.6%	--	--	5,632	5,141	NM	NM	--	--
Vermont	3	7	-53.4%	3	7	--	--	--	--	--	--
Middle Atlantic	92,754	72,432	28.1%	11,432	9,617	80,122	61,763	427	412	774	640
New Jersey	20,515	15,080	36.0%	--	--	20,138	14,786	NM	NM	325	253
New York	41,711	31,823	31.1%	11,414	9,604	29,839	21,764	318	332	141	123
Pennsylvania	30,527	25,529	19.6%	NM	NM	30,145	25,213	NM	NM	309	265
East North Central	59,013	28,197	109.3%	22,085	7,645	35,748	19,651	410	400	769	500
Illinois	6,976	4,548	53.4%	NM	380	6,138	3,685	194	330	189	153
Indiana	11,196	5,454	105.3%	8,625	3,444	2,235	1,781	NM	NM	314	212
Michigan	17,810	6,603	169.7%	3,372	840	14,194	5,676	NM	20	NM	NM
Ohio	13,053	7,428	75.7%	4,466	906	8,554	6,492	--	--	NM	NM
Wisconsin	9,977	4,163	139.6%	5,167	2,075	4,628	2,017	NM	NM	NM	NM
West North Central	18,023	5,297	240.3%	15,015	4,787	2,826	428	NM	NM	NM	NM
Iowa	1,280	NM	NM	1,267	NM	NM	NM	NM	NM	NM	NM
Kansas	4,297	1,656	159.5%	4,297	1,656	--	--	--	--	NM	NM
Minnesota	6,009	1,120	436.6%	4,863	860	1,084	214	NM	NM	NM	NM
Missouri	5,346	2,052	160.5%	3,500	1,816	1,742	215	102	20	NM	NM
Nebraska	816	NM	NM	816	NM	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
South Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Atlantic	190,683	142,451	33.9%	141,303	113,879	47,482	26,530	138	13	1,760	2,029
Delaware	5,651	4,113	37.4%	NM	NM	5,146	3,119	--	--	469	967
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	107,382	94,818	13.3%	95,205	85,239	11,347	8,711	NM	12	812	856
Georgia	29,300	16,536	77.2%	16,981	9,024	12,095	7,401	--	--	224	111
Maryland	8,517	2,300	270.3%	--	--	8,279	2,273	NM	*	120	NM
North Carolina	13,198	8,154	61.9%	10,990	6,700	2,153	1,425	--	*	55	29
South Carolina	11,098	8,678	27.9%	8,755	7,581	2,305	1,093	NM	NM	37	4
Virginia	15,244	7,425	105.3%	9,285	5,141	5,922	2,253	--	--	37	31
West Virginia	291	426	-31.6%	50	167	236	255	--	--	NM	NM
East South Central	81,545	50,964	60.0%	44,797	30,006	35,505	19,979	NM	NM	1,175	925
Alabama	39,042	25,138	55.3%	10,398	10,056	27,789	14,460	--	--	856	621
Kentucky	5,141	1,923	167.3%	4,514	1,665	504	145	--	--	NM	113
Mississippi	31,015	19,321	60.5%	23,612	13,782	7,211	5,374	NM	NM	181	156
Tennessee	6,347	4,582	38.5%	6,274	4,503	--	--	NM	NM	16	34
West South Central	242,542	189,728	27.8%	82,361	63,320	122,471	90,700	305	285	37,405	35,424
Arkansas	11,293	7,017	60.9%	2,865	2,354	8,341	4,562	NM	NM	85	100
Louisiana	48,975	42,759	14.5%	24,711	22,625	8,098	3,704	NM	NM	16,143	16,410
Oklahoma	32,187	18,831	70.9%	21,598	14,334	10,515	4,436	NM	NM	NM	47
Texas	150,087	121,122	23.9%	33,186	24,007	95,517	77,998	261	249	21,123	18,867
Mountain	53,074	37,721	40.7%	34,539	22,642	17,325	14,443	NM	178	1,036	459
Arizona	16,876	9,515	77.4%	10,522	4,693	6,272	4,767	NM	NM	NM	NM
Colorado	7,905	6,979	13.3%	4,399	3,009	3,490	3,950	--	9	NM	NM
Idaho	NM	205	NM	NM	NM	NM	101	--	--	NM	16
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	16,812	12,456	35.0%	12,063	8,793	4,538	3,515	NM	NM	NM	NM
New Mexico	6,055	5,250	15.3%	3,697	3,255	2,282	1,927	NM	NM	NM	--
Utah	4,777	3,099	54.1%	3,499	2,769	643	NM	NM	--	634	160
Wyoming	260	198	31.3%	NM	NM	NM	NM	--	--	172	168
Pacific Contiguous	67,452	36,888	82.9%	22,781	10,595	37,694	18,579	720	1,332	6,258	6,381
California	64,734	34,849	85.8%	21,900	10,025	35,910	17,148	710	1,328	6,214	6,349
Oregon	1,536	1,354	13.4%	NM	247	1,453	1,089	--	--	NM	18
Washington	1,182	684	72.8%	NM	NM	331	343	NM	NM	18	14
Pacific Noncontiguous	3,054	2,990	2.1%	3,019	2,957	--	--	NM	NM	NM	NM
Alaska	3,054	2,990	2.1%	3,019	2,957	--	--	NM	NM	NM	NM
Hawaii	--	--	.	--	--	--	--	--	--	--	--
U.S. Total	843,453	602,778	39.9%	377,646	265,648	412,159	285,846	2,837	3,120	50,811	48,163

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.8.B. Nautral Gas Consumption by State, by Sector, Year-to-Date through May 2012 and 2011
(Million Cubic Feet)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	169,890	170,879	-0.6%	1,010	1,229	158,218	159,522	2,118	2,039	8,543	8,089
Connecticut	39,732	37,960	4.7%	NM	NM	38,161	36,680	340	220	880	797
Maine	17,721	18,647	-5.0%	--	--	10,609	11,805	NM	NM	7,106	6,838
Massachusetts	66,379	70,681	-6.1%	584	685	63,765	67,990	1,524	1,598	506	408
New Hampshire	21,812	19,695	10.7%	NM	258	21,702	19,390	--	--	NM	NM
Rhode Island	24,229	23,874	1.5%	--	--	23,982	23,658	247	217	--	--
Vermont	16	21	-22.9%	16	21	--	--	--	--	--	--
Middle Atlantic	410,998	328,122	25.3%	46,478	45,556	358,101	276,245	2,530	2,531	3,889	3,789
New Jersey	78,918	69,343	13.8%	--	--	77,003	67,551	261	241	1,654	1,550
New York	173,076	147,416	17.4%	46,413	45,518	123,877	99,074	2,025	2,089	762	735
Pennsylvania	159,003	111,363	42.8%	NM	NM	157,221	109,619	NM	202	1,473	1,504
East North Central	262,255	126,864	106.7%	93,452	39,250	162,252	82,496	2,573	2,014	3,979	3,103
Illinois	32,665	14,262	129.0%	NM	678	29,403	11,096	1,581	1,713	837	774
Indiana	50,052	31,781	57.5%	39,502	21,543	8,808	8,744	102	93	1,640	1,402
Michigan	76,331	33,129	130.4%	15,592	2,666	59,193	29,816	590	54	956	593
Ohio	66,849	31,352	113.2%	17,312	6,614	49,376	24,602	--	--	160	136
Wisconsin	36,358	16,340	122.5%	20,201	7,749	15,472	8,238	300	154	385	199
West North Central	53,728	28,630	87.7%	46,178	25,199	6,445	2,892	847	245	258	293
Iowa	3,514	2,164	62.4%	3,430	2,064	NM	NM	NM	NM	NM	NM
Kansas	11,326	7,252	56.2%	11,326	7,252	--	--	--	--	NM	NM
Minnesota	19,772	7,434	166.0%	16,914	5,943	2,407	1,113	290	196	161	182
Missouri	17,199	10,950	57.1%	12,624	9,137	4,038	1,779	529	30	NM	NM
Nebraska	1,349	647	108.5%	1,348	646	--	NM	NM	NM	--	--
North Dakota	38	32	18.0%	NM	NM	--	--	--	--	33	25
South Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Atlantic	784,269	579,590	35.3%	594,641	463,690	181,417	110,172	425	46	7,787	5,681
Delaware	24,532	12,598	94.7%	NM	NM	22,456	11,534	--	--	1,933	967
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	451,808	397,343	13.7%	407,665	364,396	40,220	29,198	72	45	3,851	3,705
Georgia	109,655	62,300	76.0%	61,978	31,462	46,629	30,277	--	--	1,048	562
Maryland	21,761	4,962	338.6%	--	--	21,122	4,835	NM	NM	303	126
North Carolina	58,010	24,543	136.4%	47,776	17,704	9,938	6,713	13	1	283	125
South Carolina	44,560	34,966	27.4%	36,147	31,569	8,278	3,363	NM	NM	131	33
Virginia	72,985	42,212	72.9%	40,746	18,244	32,022	23,821	--	--	217	147
West Virginia	958	666	43.8%	NM	219	753	430	--	--	20	17
East South Central	334,788	214,505	56.1%	184,959	121,514	144,121	87,889	301	266	5,408	4,836
Alabama	168,786	116,386	45.0%	45,464	42,026	119,558	71,117	--	--	3,764	3,243
Kentucky	15,692	5,322	194.8%	14,083	4,453	951	191	--	--	658	678
Mississippi	128,941	82,932	55.5%	104,389	65,535	23,612	16,581	NM	NM	892	771
Tennessee	21,369	9,865	116.6%	21,023	9,500	--	--	252	221	94	144
West South Central	999,495	829,308	20.5%	301,940	262,014	521,451	393,336	1,342	1,254	174,762	172,705
Arkansas	47,693	30,985	53.9%	7,814	6,538	39,337	23,849	NM	NM	538	593
Louisiana	188,466	186,312	1.2%	83,632	89,618	30,645	19,912	NM	105	74,077	76,676
Oklahoma	125,752	85,181	47.6%	88,701	64,831	36,683	20,064	84	46	284	240
Texas	637,583	526,831	21.0%	121,793	101,027	414,786	329,510	1,142	1,098	99,863	95,195
Mountain	232,973	182,304	27.8%	141,656	104,317	87,122	74,513	822	800	3,373	2,674
Arizona	79,776	48,691	63.8%	39,157	20,530	40,331	27,909	250	NM	NM	NM
Colorado	32,491	32,300	0.6%	19,252	15,204	13,157	17,020	1	9	NM	NM
Idaho	4,537	1,972	130.1%	630	NM	3,705	1,357	--	--	203	258
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	65,735	56,877	15.6%	48,050	38,767	16,720	17,251	NM	NM	728	628
New Mexico	27,823	25,544	8.9%	17,057	15,486	10,416	9,732	333	NM	NM	NM
Utah	21,022	15,637	34.4%	17,184	13,816	2,647	1,180	NM	NM	1,190	641
Wyoming	1,370	1,198	14.3%	NM	NM	NM	NM	--	--	1,113	1,060
Pacific Contiguous	374,547	245,268	52.7%	125,213	73,679	216,428	137,228	3,529	6,139	29,376	28,222
California	325,651	221,765	46.8%	101,900	65,974	191,262	121,777	3,489	6,117	28,999	27,898
Oregon	33,912	16,512	105.4%	10,952	3,159	22,757	13,182	--	--	203	171
Washington	14,984	6,991	114.3%	12,361	4,546	2,409	2,269	40	22	174	154
Pacific Noncontiguous	16,957	16,450	3.1%	16,556	16,156	--	--	NM	NM	NM	290
Alaska	16,957	16,450	3.1%	16,556	16,156	--	--	NM	NM	NM	290
Hawaii	--	--	.	--	--	--	--	--	--	--	--
U.S. Total	3,639,899	2,721,920	33.7%	1,552,083	1,152,605	1,835,555	1,324,293	14,489	15,338	237,772	229,684

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector 2012 - May 2012

Period	Electric Power Sector			Electric Utilities			Independent Power Producers		
	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)
End of Year Totals									
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	140,964	48,216	674	110,277	29,799	456	30,688	18,416	217
2007	151,221	44,433	554	120,504	28,032	253	30,717	16,401	301
2008	161,589	40,804	739	127,463	26,108	468	34,126	14,696	270
2009	189,467	39,210	1,394	154,815	25,811	1,194	34,652	13,399	201
2010	174,917	35,706	1,019	143,744	24,798	850	31,173	10,908	168
2011	175,100	35,260	470	141,244	25,646	404	33,856	9,614	66
2010									
January	178,091	37,426	1,406	146,174	24,732	1,178	31,917	12,693	228
February	171,026	38,163	1,280	140,533	25,561	1,045	30,493	12,602	235
March	177,742	38,137	1,240	145,182	25,578	983	32,559	12,558	258
April	189,260	37,875	1,243	152,253	25,360	1,022	37,007	12,516	221
May	191,669	37,355	1,188	153,295	25,019	986	38,374	12,336	202
June	181,490	36,623	1,117	146,130	24,305	943	35,359	12,318	174
July	169,504	35,627	1,046	138,240	23,858	907	31,265	11,769	139
August	159,987	35,317	1,112	131,072	23,887	976	28,915	11,430	136
September	163,776	36,208	1,158	133,943	24,857	1,017	29,833	11,350	141
October	175,686	36,857	1,197	143,363	25,309	1,006	32,323	11,548	191
November	183,389	36,926	1,098	149,066	25,660	894	34,323	11,266	204
December	174,917	35,706	1,019	143,744	24,798	850	31,173	10,908	168
2011									
January	164,840	35,117	801	134,008	24,560	657	30,832	10,557	144
February	161,439	34,664	707	131,081	24,370	594	30,358	10,294	113
March	166,737	34,329	489	134,394	24,265	437	32,344	10,064	53
April	173,999	33,941	522	139,965	24,082	463	34,033	9,859	59
May	174,619	33,877	548	139,331	24,104	490	35,288	9,773	58
June	165,707	35,699	491	132,882	25,872	433	32,825	9,827	58
July	147,967	35,202	462	119,631	25,544	411	28,336	9,658	50
August	139,225	34,968	435	112,793	25,294	379	26,432	9,674	56
September	144,438	34,938	389	117,648	25,232	333	26,790	9,706	57
October	156,906	35,537	413	127,522	25,639	347	29,384	9,898	66
November	168,354	35,657	453	136,123	25,839	391	32,231	9,818	62
December	175,100	35,260	470	141,244	25,646	404	33,856	9,614	66
2012									
January	181,621	35,145	394	145,676	25,661	324	35,945	9,483	70
February	186,958	34,963	357	151,380	25,486	293	35,578	9,477	64
March	196,391	35,046	405	158,066	25,644	351	38,325	9,403	54
April	203,394	34,855	368	164,070	25,552	332	39,324	9,303	36
May	202,816	34,472	301	163,656	25,227	270	39,160	9,245	31

Table 3.2 Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by State May 2012 and 2011

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	May 2012	May 2011	Percent Change	May 2012	May 2011	Percent Change	May 2012	May 2011	Percent Change
New England	W	999	W	2,595	2,800	-7.3%	--	--	.
Connecticut	W	W	W	998	1,065	-6.3%	--	--	.
Maine	--	--	.	W	W	W	--	--	.
Massachusetts	787	547	44.0%	1,111	1,078	3.1%	--	--	.
New Hampshire	W	W	W	W	W	W	--	--	.
Rhode Island	--	--	.	W	W	W	--	--	.
Vermont	--	--	.	55	53	3.1%	--	--	.
Middle Atlantic	9,313	7,857	19.0%	6,357	6,847	-7.2%	W	W	W
New Jersey	872	590	48.0%	1,081	1,148	-5.8%	--	--	.
New York	747	852	-12.0%	4,170	4,432	-5.9%	--	W	W
Pennsylvania	7,695	6,414	20.0%	1,105	1,267	-13.0%	W	W	W
East North Central	40,762	36,592	11.0%	1,612	1,938	-17.0%	W	W	W
Illinois	8,447	7,879	7.2%	128	163	-21.0%	--	--	.
Indiana	10,464	9,064	15.0%	111	107	3.8%	--	--	.
Michigan	6,397	6,061	5.5%	787	993	-21.0%	W	W	W
Ohio	8,611	7,485	15.0%	329	384	-14.0%	--	--	.
Wisconsin	6,843	6,103	12.0%	256	290	-12.0%	W	W	W
West North Central	32,158	27,361	18.0%	1,317	1,416	-7.1%	--	W	W
Iowa	8,398	6,371	32.0%	172	167	2.9%	--	W	W
Kansas	4,876	4,171	17.0%	301	368	-18.0%	--	W	W
Minnesota	3,045	2,334	30.0%	187	220	-15.0%	--	--	.
Missouri	10,177	8,917	14.0%	320	310	3.5%	--	--	.
Nebraska	3,803	3,825	-0.6%	202	215	-6.1%	--	--	.
North Dakota	W	W	W	41	38	8.3%	--	--	.
South Dakota	W	W	W	93	99	-6.4%	--	--	.
South Atlantic	42,725	32,920	30.0%	14,150	12,401	14.0%	W	W	W
Delaware	W	W	W	393	361	9.0%	--	--	.
District of Columbia	--	--	.	W	W	W	--	--	.
Florida	6,887	5,264	31.0%	7,624	6,216	23.0%	W	W	W
Georgia	9,592	6,102	57.0%	954	856	11.0%	--	--	.
Maryland	W	W	W	788	918	-14.0%	--	--	.
North Carolina	7,384	5,827	27.0%	1,044	919	14.0%	--	--	.
South Carolina	7,362	6,583	12.0%	641	526	22.0%	W	W	W
Virginia	2,127	1,672	27.0%	2,528	2,382	6.1%	--	--	.
West Virginia	7,104	5,707	24.0%	W	W	W	W	W	W
East South Central	20,926	17,318	21.0%	1,967	2,124	-7.4%	W	W	W
Alabama	6,761	5,403	25.0%	300	275	9.3%	--	--	.
Kentucky	8,852	7,789	14.0%	285	266	7.0%	W	W	W
Mississippi	1,828	1,132	62.0%	558	775	-28.0%	--	--	.
Tennessee	3,485	2,994	16.0%	825	809	2.0%	--	--	.
West South Central	31,257	28,985	7.8%	2,486	2,911	-15.0%	W	W	W
Arkansas	4,099	3,650	12.0%	172	167	3.2%	--	--	.
Louisiana	4,315	2,698	60.0%	668	852	-22.0%	W	W	W
Oklahoma	5,147	5,694	-9.6%	190	214	-11.0%	--	--	.
Texas	17,696	16,943	4.4%	1,455	1,679	-13.0%	W	W	W
Mountain	21,291	20,208	5.4%	707	668	5.8%	W	W	W
Arizona	3,846	3,635	5.8%	218	228	-4.4%	--	--	.
Colorado	4,383	3,987	9.9%	153	128	19.0%	--	--	.
Idaho	--	--	.	W	W	W	--	--	.
Montana	1,115	W	W	W	W	W	W	W	W
Nevada	W	W	W	181	180	0.0%	--	--	.
New Mexico	W	W	W	56	45	25.0%	--	--	.
Utah	4,548	5,009	-9.2%	46	39	19.0%	--	--	.
Wyoming	4,661	3,984	17.0%	39	34	15.0%	--	--	.
Pacific Contiguous	2,469	W	W	401	412	-2.7%	W	2	W
California	W	W	W	218	213	2.5%	W	2	W
Oregon	W	W	W	W	W	W	--	--	.
Washington	W	W	W	W	W	W	--	--	.
Pacific Noncontiguous	W	W	W	2,881	2,357	22.0%	--	--	.
Alaska	W	W	W	288	311	-7.3%	--	--	.
Hawaii	W	W	W	2,593	2,046	27.0%	--	--	.
U.S. Total	202,816	174,619	16.0%	34,472	33,877	1.8%	301	548	-45.0%

* = 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 *.)

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

Notes: □ See Glossary for definitions. □ Values are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923. □ Negative generation denotes that electric power

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 3.3 Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by Census Division, May 2012

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
Coal (Thousand Tons)							
New England	W	999	W	W	W	W	W
Middle Atlantic	9,313	7,857	18.5%	W	--	W	7,857
East North Central	40,762	36,592	11.4%	31,651	27,745	9,111	8,847
West North Central	32,158	27,361	17.5%	32,158	27,361	--	--
South Atlantic	42,725	32,920	29.8%	38,053	28,992	4,672	3,928
East South Central	20,926	17,318	20.8%	20,926	17,318	--	--
West South Central	31,257	28,985	7.8%	19,029	17,636	12,228	11,349
Mountain	21,291	20,208	5.4%	20,028	19,179	1,263	1,028
Pacific Contiguous	2,469	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	W	W	W	W
U.S. Total	202,816	174,619	16.1%	163,656	139,331	39,160	35,288

Petroleum Liquids (Thousand Barrels)							
New England	2,595	2,800	-7.3%	482	752	2,113	2,048
Middle Atlantic	6,357	6,847	-7.2%	2,694	2,845	3,662	4,002
East North Central	1,612	1,938	-16.8%	1,316	1,613	296	326
West North Central	1,317	1,416	-7.1%	1,286	1,378	31	38
South Atlantic	14,150	12,401	14.1%	11,804	9,926	2,346	2,475
East South Central	1,967	2,124	-7.4%	W	W	W	W
West South Central	2,486	2,911	-14.6%	1,886	2,272	600	639
Mountain	707	668	5.8%	634	W	73	W
Pacific Contiguous	401	412	-2.7%	337	303	63	109
Pacific Noncontiguous	2,881	2,357	22.2%	W	W	W	W
U.S. Total	34,472	33,877	1.8%	25,227	24,104	9,245	9,773

Petroleum Coke (Thousand Tons)							
New England	--	--	--	--	--	--	--
Middle Atlantic	W	W	W	--	--	W	W
East North Central	W	W	W	W	W	W	W
West North Central	--	W	W	--	W	--	--
South Atlantic	W	W	W	W	W	W	W
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	W	2	W	--	--	W	2
Pacific Noncontiguous	--	--	--	--	--	--	--
U.S. Total	301	548	-45.1%	270	490	31	58

W = Withheld to avoid disclosure of individual company data.

Notes: See Glossary for definitions.

..... Values are preliminary. See Technical Notes for a discussion of the sample design for the Form-923.

..... Totals may not equal sum of components because of independent rounding.

..... Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form-923, 'Power Plant Operations Report.'

Table 3.4. Stocks of Coal by Coal Rank: Electric Power Sector 2012 - May 2012

Period	Electric Power Sector			
	Bituminous Coal	Subbituminous Coal	Lignite Coal	Total
Annual Totals				
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	67,760	68,408	4,797	140,964
2007	63,964	82,692	4,565	151,221
2008	65,818	91,214	4,556	161,589
2009	91,922	92,448	5,097	189,467
2009				
January	62,096	89,016	4,963	156,075
February	65,290	90,218	5,092	160,601
March	76,214	92,447	5,562	174,223
April	83,917	96,067	5,806	185,790
May	89,418	99,637	6,048	195,103
June	90,862	98,761	6,033	195,656
July	89,578	97,889	6,096	193,563
August	89,181	96,568	5,783	191,532
September	93,208	98,206	5,794	197,208
October	95,788	98,254	5,434	199,477
November	98,281	100,194	5,290	203,765
December	91,922	92,448	5,097	189,467
2010				
January	86,354	86,893	4,845	178,091
February	82,469	83,721	4,836	171,026
March	86,698	86,014	5,030	177,742
April	92,621	89,545	7,095	189,260
May	93,069	91,514	7,085	191,669
June	87,123	87,299	7,068	181,490
July	80,465	81,933	7,107	169,504
August	76,303	77,081	6,604	159,987
September	78,201	78,906	6,669	163,776
October	84,103	84,992	6,592	175,686
November	87,548	88,880	6,961	183,389
December	81,108	86,915	6,894	174,917
2011				
January	76,283	82,187	6,370	164,840
February	75,717	79,301	6,422	161,439
March	77,599	82,627	6,512	166,737
April	79,922	87,290	6,787	173,999
May	79,272	88,600	6,746	174,619
June	75,013	84,127	6,567	165,707
July	66,554	75,142	6,271	147,967
August	64,562	68,447	6,215	139,225
September	66,674	71,576	6,187	144,438
October	74,046	76,650	6,210	156,906
November	79,578	82,038	6,738	168,354
December	82,272	86,092	6,736	175,100
2012				
January	83,798	91,286	6,536	181,621
February	87,557	94,665	4,737	186,958
March	90,278	99,884	6,230	196,391
April	94,268	104,125	5,002	203,394
May	93,922	103,665	5,228	202,816

Table 4.1 Reciepts Average Cost and Quality of Fossil Fuels: Total (All Sectors) 2002-May 2012

		Coal						Petroleum Liquids					
		Receipts		Average Cost				Receipts		Average Cost			
		(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)	AVG % Sulfur	Percentage of Consumption
Period													
Annual Totals													
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		19,989,772	986,026	1.28	26.0	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	5.0	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		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		21,152,358	1,054,664	1.77	35.48	1.0	98.6	375,260	60,068	9.59	59.93	.7	62.6
2008		21,280,258	1,069,709	2.07	41.14	1.0	100.5	375,684	61,139	15.52	95.38	.6	99.6
2009		19,437,966	981,477	2.21	43.74	1.0	102.8	330,043	54,181	10.26	62.47	.5	104.8
2010		19,289,661	979,918	2.27	44.64	1.2	97.9	275,058	45,472	14.02	84.80	.5	101.1
2011		18,471,837	945,581	2.40	46.79	1.2	99.0	206,361	34,342	20.10	120.75	.6	113.5
2009													
January		1,720,121	87,453	2.23	43.82	1.0	94.4	60,313	9,824	8.12	49.85	.6	103.5
February		1,625,951	81,869	2.27	45.04	1.0	107.7	36,212	5,925	8.08	49.36	.5	126.1
March		1,730,816	86,241	2.29	45.91	1.1	116.8	27,714	4,579	8.27	50.07	.5	107.2
April		1,611,589	80,674	2.22	44.33	1.0	117.4	20,270	3,367	9.12	54.93	.6	101.4
May		1,601,882	80,559	2.23	44.41	1.0	111.8	26,384	4,306	9.36	57.36	.6	99.6
June		1,610,705	81,077	2.22	44.01	1.0	100.5	27,740	4,532	10.58	64.74	.6	110.9
July		1,654,412	84,086	2.19	43.12	1.0	97.7	24,942	4,087	11.36	69.31	.5	98.5
August		1,730,279	87,237	2.21	43.81	1.0	98.6	27,505	4,496	12.17	74.47	.6	96.3
September		1,580,718	80,015	2.18	43.13	1.0	106.3	15,248	2,536	13.31	80.06	.4	77.1
October		1,551,796	78,556	2.17	42.88	1.0	102.9	18,956	3,119	12.86	78.17	.6	87.7
November		1,534,304	77,821	2.13	42.08	1.0	104.0	19,967	3,324	12.78	76.76	.4	122.5
December		1,485,395	75,890	2.14	41.97	1.0	84.1	24,793	4,087	13.22	80.22	.5	131.1
2010													
January		1,516,857	77,092	2.23	43.79	1.1	83.1	33,911	5,604	13.38	80.98	.6	90.5
February		1,454,951	73,655	2.27	44.80	1.2	89.8	18,686	3,101	13.60	81.93	.5	116.6
March		1,678,040	84,412	2.31	45.98	1.2	107.7	19,184	3,174	13.85	83.71	.5	126.3
April		1,569,056	78,733	2.29	45.71	1.2	113.8	12,112	2,039	14.82	88.02	.4	86.2
May		1,584,118	80,404	2.26	44.59	1.2	103.5	21,833	3,593	13.77	83.68	.6	102.4
June		1,556,526	79,414	2.25	44.05	1.2	89.2	25,290	4,149	13.30	81.08	.6	86.6
July		1,622,967	83,033	2.27	44.37	1.1	85.8	31,476	5,147	13.33	81.53	.5	91.6
August		1,757,445	88,879	2.30	45.43	1.2	92.0	28,352	4,619	13.29	81.55	.6	100.8
September		1,655,524	84,275	2.28	44.70	1.2	103.7	25,145	4,105	13.41	82.16	.6	130.0
October		1,689,804	85,931	2.27	44.57	1.2	118.4	17,375	2,892	14.93	89.71	.4	119.2
November		1,601,707	81,626	2.26	44.27	1.2	109.6	19,248	3,286	15.77	92.35	.4	135.1
December		1,602,665	82,464	2.23	43.34	1.2	91.0	22,447	3,764	16.45	98.12	.4	79.7
2011													
January		1,599,921	81,889	2.33	45.52	1.2	88.8	21,626	3,590	16.73	100.76	.7	99.7
February		1,450,687	73,674	2.36	46.42	1.2	97.8	15,232	2,550	18.12	108.23	.6	111.3
March		1,560,696	80,229	2.34	45.58	1.2	108.1	18,010	2,984	19.64	118.52	.6	124.7
April		1,450,913	74,238	2.39	46.66	1.2	108.2	17,260	2,856	20.37	123.10	.4	104.6
May		1,467,151	74,551	2.44	47.99	1.2	98.9	21,896	3,573	19.30	118.25	.8	142.1
June		1,487,118	75,686	2.42	47.45	1.2	88.1	18,586	3,096	20.83	125.01	.7	116.7
July		1,505,189	76,804	2.45	47.92	1.2	79.9	16,346	2,735	21.40	127.87	.5	86.8
August		1,663,089	84,453	2.48	48.74	1.2	89.9	14,038	2,338	20.80	124.91	.5	92.1
September		1,609,708	82,588	2.44	47.54	1.2	105.4	13,899	2,313	21.57	129.58	.6	106.6
October		1,605,757	82,272	2.39	46.66	1.2	115.4	18,627	3,089	21.01	126.71	.5	148.9
November		1,521,645	78,646	2.37	45.89	1.2	114.8	16,145	2,735	21.19	125.04	.5	137.2
December		1,549,964	80,550	2.35	45.16	1.2	107.4	14,695	2,481	21.72	128.65	.6	116.0
2012													
January		1,508,019	78,486	2.43	46.66	1.2	108.3	14,704	2,466	21.92	130.70	.5	113.9
February		1,360,504	70,073	2.39	46.45	1.3	108.7	10,792	1,815	22.44	133.39	.5	107.0
March		1,292,128	66,465	2.40	46.71	1.3	112.2	11,688	1,940	22.41	135.02	.5	109.0
April		1,186,837	60,257	2.44	48.09	1.3	113.6	9,778	1,647	23.85	141.64	.5	89.1
May		1,262,874	64,678	2.44	47.57	1.3	100.1	NM	NM	22.97	135.76	.5	95.1
Year to Date													
2010		7,803,023	394,296	2.27	45.0	1.2	98.6	105,726	17,511	13.75	83.02	.5	101.6
2011		7,529,367	384,581	2.37	46.40	1.2	99.7	94,023	15,554	18.78	113.52	.6	114.9
2012		6,610,363	339,958	2.42	47.05	1.3	108.3	58,431	9,808	22.64	134.89	.5	102.9
Rolling 12 Months Ending in May													
2011		19,016,005	970,203	2.31	45.24	1.2	99.3	263,356	43,516	16.22	97.95	.5	110.5
2012		17,552,832	900,958	2.42	47.07	1.2	103.6	NM	NM	21.84	130.36	.5	109.9

Table 4.1 Reciepts Average Cost and Quality of Fossil Fuels: Total (All Sectors) 2002-May 2012 (continued)

		Petroleum Coke						Natural Gas					All Fossil Fuels
		Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	Average Cost
		(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)			(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)		(dollars per MMBtu)
Period													
Annual Totals													
	2002	127,362	4,454	.78	22.32	5.0	60.6	5,749,844	5,607,737	3.56	3.65	80.3	1.86
	2003	165,378	5,846	.72	20.39	5.3	82.7	5,663,023	5,500,704	5.39	5.55	86.8	2.28
	2004	196,606	6,967	.83	23.48	5.1	79.9	5,890,750	5,734,054	5.96	6.12	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	8.44	88.1	3.25
	2006	203,270	7,193	1.33	37.46	5.2	83.4	6,855,680	6,675,246	6.94	7.13	90.2	3.02
	2007	161,091	5,656	1.51	43.02	5.1	77.5	7,396,233	7,200,316	7.11	7.30	90.4	3.23
	2008	199,724	7,040	2.11	59.72	5.0	111.5	8,089,467	7,879,046	9.02	9.26	102.5	4.11
	2009	197,921	6,954	1.61	45.89	4.6	119.3	8,319,329	8,118,550	4.74	4.86	102.3	3.04
	2010	169,508	5,963	2.28	64.85	4.8	98.5	8,867,396	8,673,070	5.09	5.20	102.0	3.26
	2011	147,713	5,163	2.80	80.14	5.1	91.1	9,220,328	9,025,066	4.71	4.81	103.7	3.29
2009													
	January	17,395	610	2.06	58.78	4.7	119.9	604,934	588,823	6.38	6.55	102.4	3.42
	February	14,628	514	1.82	51.74	5.0	108.4	558,093	543,748	5.38	5.53	102.5	3.14
	March	16,095	566	1.63	46.25	4.7	101.3	619,344	603,662	4.73	4.85	103.3	2.98
	April	14,491	508	1.20	34.06	4.8	102.8	562,474	548,302	4.48	4.60	103.3	2.85
	May	17,458	613	1.68	47.79	4.5	122.5	628,402	612,866	4.48	4.59	102.6	2.93
	June	14,904	519	1.58	45.47	4.4	101.1	762,794	744,739	4.44	4.55	101.9	3.01
	July	15,783	552	1.63	46.47	4.3	101.3	910,954	888,228	4.32	4.43	101.6	3.02
	August	19,857	702	1.81	51.33	4.7	132.3	977,182	953,918	4.15	4.25	101.5	2.99
	September	18,183	640	1.36	38.62	4.8	120.4	817,447	798,321	3.84	3.93	101.7	2.80
	October	17,084	605	1.55	43.90	4.6	166.1	665,234	650,035	4.82	4.93	103.5	3.04
	November	14,211	498	1.30	37.14	4.7	136.3	569,724	557,093	4.87	4.98	102.5	2.96
	December	17,832	626	1.61	45.98	4.5	142.1	642,748	628,815	5.96	6.09	101.8	3.40
2010													
	January	15,526	545	1.72	48.97	4.7	103.8	674,318	659,430	6.71	6.86	102.5	3.74
	February	9,904	347	1.80	51.44	4.6	70.0	591,685	578,727	6.07	6.20	102.3	3.45
	March	13,712	482	2.09	59.50	4.5	92.3	574,306	561,969	5.29	5.40	102.8	3.16
	April	14,428	506	2.18	62.25	5.0	110.5	581,459	568,443	4.71	4.82	102.2	3.01
	May	12,976	455	2.22	63.33	4.8	91.2	677,034	662,077	4.79	4.90	102.3	3.12
	June	14,387	506	2.15	61.02	5.0	86.3	827,276	809,085	5.12	5.24	101.6	3.34
	July	16,160	573	2.42	68.18	4.7	93.5	1,033,717	1,011,011	5.19	5.30	101.4	3.51
	August	17,868	629	2.65	75.40	4.8	123.3	1,083,879	1,060,006	4.92	5.03	101.3	3.39
	September	15,268	536	2.67	76.05	4.8	112.7	822,221	803,862	4.45	4.55	101.6	3.10
	October	15,041	526	2.43	69.44	4.7	116.1	693,955	678,492	4.30	4.39	102.5	2.94
	November	10,931	391	2.22	62.07	5.0	94.4	613,152	600,163	4.35	4.44	102.5	2.94
	December	13,307	467	2.57	73.40	5.0	93.5	694,392	679,805	5.43	5.54	102.2	3.32
2011													
	January	12,345	434	2.92	83.17	5.2	72.1	680,488	666,326	5.35	5.47	104.2	3.36
	February	9,773	342	2.67	76.31	5.3	69.8	608,072	594,661	5.06	5.18	104.7	3.26
	March	9,917	345	2.94	84.61	5.4	60.2	609,858	597,039	4.61	4.71	104.7	3.12
	April	10,668	372	2.99	85.60	5.0	91.2	654,807	641,423	4.85	4.95	104.4	3.29
	May	11,707	411	3.22	91.87	4.9	94.7	709,158	695,061	4.85	4.95	103.6	3.38
	June	11,571	403	2.57	73.93	5.0	84.8	836,652	819,698	5.03	5.13	103.2	3.49
	July	16,515	575	3.14	90.16	4.9	101.7	1,081,096	1,057,904	4.96	5.07	102.0	3.61
	August	14,651	512	2.95	84.36	5.2	102.9	1,073,074	1,049,997	4.72	4.82	103.0	3.44
	September	13,919	486	2.79	79.99	5.2	104.5	826,622	807,829	4.54	4.65	104.0	3.26
	October	12,540	437	2.80	80.29	5.2	112.4	710,254	694,917	4.32	4.41	104.3	3.12
	November	11,514	401	2.18	62.59	5.2	112.0	676,445	662,294	4.08	4.17	104.2	3.03
	December	12,592	445	2.29	64.90	5.1	108.9	753,801	737,917	4.00	4.09	103.4	3.00
2012													
	January	11,517	404	2.26	64.59	5.1	82.9	789,527	773,216	3.67	3.75	102.7	2.97
	February	8,695	300	2.01	58.30	5.2	77.4	778,554	761,871	3.32	3.39	102.5	2.83
	March	10,216	357	1.86	53.27	5.6	96.0	811,756	794,432	2.96	3.02	102.5	2.72
	April	8,990	313	2.09	59.90	5.3	102.6	859,752	838,979	2.74	2.81	103.1	2.66
	May	8,008	281	2.15	61.11	5.5	83.2	957,758	937,894	2.90	2.96	102.6	2.74
Year to Date													
	2010	66,547	2,336	2.01	57.19	4.7	93.4	3,098,802	3,030,647	5.53	5.65	102.4	3.29
	2011	54,410	1,904	2.96	84.55	5.1	76.0	3,262,384	3,194,509	4.95	5.06	104.3	3.28
	2012	47,427	1,656	2.08	59.53	5.3	87.6	4,197,347	4,106,392	3.10	3.17	102.7	2.79
Rolling 12 Months Ending in May													
	2011	157,371	5,531	2.65	75.59	5.0	92.3	9,030,978	8,836,932	4.87	4.98	102.9	3.25
	2012	140,729	4,915	2.43	69.45	5.2	97.4	10,155,291	9,936,949	3.94	4.02	103.1	3.07

Table 4.2 Reciepts Average Cost and Quality of Fossil Fuels: Electric Utilities 2002-May 2012

		Coal						Petroleum Liquids					
		Receipts		Average Cost				Receipts		Average Cost			
		(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)	AVG % Sulfur	Percentage of Consumption
Period													
Annual Totals													
	2002	13,967,326	687,747	1.22	24.74	.9	89.6	407,442	63,809	3.74	23.88	1.0	72.0
	2003	15,292,394	746,594	1.26	25.82	.9	98.6	605,651	95,534	4.68	29.66	1.0	90.7
	2004	15,440,681	758,557	1.34	27.30	.9	98.2	592,478	93,034	4.80	30.57	1.0	89.6
	2005	15,836,924	775,890	1.53	31.22	.9	101.9	566,320	89,303	7.17	45.46	.9	90.9
	2006	16,197,852	797,361	1.69	34.26	.9	105.8	269,033	42,415	8.33	52.80	.8	79.2
	2007	15,561,395	767,377	1.78	36.06	.9	100.3	216,349	34,026	9.24	58.73	.8	59.8
	2008	15,347,396	764,399	2.06	41.32	.9	100.5	240,937	38,891	15.83	98.09	.6	99.7
	2009	14,402,019	719,253	2.22	44.47	1.0	103.4	202,598	32,959	10.44	64.18	.5	103.5
	2010	14,226,995	713,094	2.27	45.33	1.1	98.8	189,790	31,099	13.94	85.07	.5	101.0
	2011	13,289,473	671,409	2.41	47.65	1.2	97.5	137,787	22,786	20.41	123.39	.5	111.3
2009													
	January	1,233,059	62,045	2.24	44.50	1.0	93.3	29,873	4,823	8.0	49.53	.6	109.6
	February	1,166,501	58,135	2.29	45.89	1.0	106.9	16,831	2,735	8.22	50.60	.5	106.8
	March	1,262,590	62,252	2.30	46.57	1.1	117.3	13,499	2,206	8.41	51.46	.5	94.5
	April	1,214,078	60,233	2.24	45.13	1.0	121.5	13,236	2,163	8.91	54.54	.6	101.2
	May	1,189,059	59,231	2.24	45.02	1.0	112.5	19,852	3,208	9.27	57.36	.6	111.9
	June	1,216,354	60,505	2.24	44.93	1.0	101.1	19,564	3,162	10.43	64.56	.6	108.4
	July	1,245,525	62,486	2.20	43.88	1.0	99.1	18,610	3,025	11.24	69.15	.5	102.3
	August	1,295,386	64,546	2.23	44.77	1.0	99.7	19,224	3,117	12.09	74.55	.6	98.9
	September	1,189,015	59,392	2.19	43.88	1.0	106.2	10,050	1,659	13.17	79.80	.4	72.2
	October	1,172,832	58,614	2.19	43.72	1.0	105.4	13,372	2,181	12.78	78.32	.5	84.2
	November	1,141,864	57,441	2.14	42.51	1.0	104.9	12,932	2,118	12.87	78.57	.4	121.1
	December	1,075,756	54,372	2.15	42.48	1.0	83.1	15,554	2,561	13.33	80.95	.4	136.3
2010													
	January	1,101,993	55,521	2.21	43.89	1.1	82.6	23,632	3,860	13.16	80.54	.5	88.1
	February	1,073,034	53,695	2.26	45.26	1.2	90.6	13,223	2,179	13.59	82.50	.4	136.3
	March	1,231,470	61,038	2.32	46.85	1.2	108.5	11,782	1,943	14.11	85.52	.3	109.5
	April	1,168,587	57,821	2.30	46.45	1.2	115.7	8,388	1,398	14.96	89.76	.2	85.6
	May	1,168,195	58,565	2.27	45.27	1.1	103.0	16,261	2,649	13.61	83.58	.6	102.2
	June	1,169,040	58,803	2.24	44.62	1.1	90.6	18,097	2,937	13.16	81.08	.6	80.1
	July	1,209,770	60,990	2.27	44.95	1.1	87.2	21,588	3,497	13.29	82.07	.5	98.6
	August	1,294,681	64,603	2.30	46.16	1.1	92.5	20,667	3,331	13.08	81.14	.6	103.1
	September	1,208,559	60,693	2.28	45.47	1.1	104.3	18,501	2,988	13.35	82.68	.6	138.8
	October	1,235,011	61,883	2.29	45.68	1.2	120.5	11,210	1,858	14.98	90.39	.4	117.5
	November	1,172,469	58,841	2.27	45.29	1.2	111.1	12,889	2,191	15.82	93.06	.4	147.4
	December	1,194,186	60,641	2.23	43.90	1.1	93.8	13,552	2,267	16.79	100.36	.3	71.7
2011													
	January	1,137,553	57,479	2.34	46.38	1.1	87.1	13,522	2,239	16.87	101.92	.5	105.7
	February	1,040,760	52,278	2.36	46.97	1.2	96.2	9,657	1,609	18.31	109.89	.5	104.8
	March	1,124,121	57,092	2.34	46.15	1.1	105.7	13,497	2,224	19.60	118.89	.5	131.3
	April	1,046,605	52,928	2.40	47.36	1.1	107.1	11,494	1,889	20.37	123.95	.4	92.7
	May	1,058,900	53,332	2.45	48.59	1.2	97.0	16,184	2,620	19.10	117.95	.8	143.0
	June	1,084,836	54,550	2.40	47.66	1.2	87.1	13,097	2,165	21.04	127.28	.7	123.2
	July	1,091,861	54,810	2.45	48.90	1.2	78.5	9,105	1,511	21.89	131.92	.5	80.5
	August	1,194,057	59,731	2.49	49.86	1.2	87.8	9,170	1,512	22.80	138.23	.4	85.9
	September	1,159,586	58,455	2.47	48.91	1.2	104.8	9,799	1,619	21.84	132.19	.5	108.1
	October	1,147,391	57,939	2.42	47.91	1.2	114.5	12,447	2,066	21.63	130.32	.5	142.4
	November	1,081,223	55,161	2.39	46.84	1.2	113.1	10,590	1,774	21.72	129.64	.5	123.6
	December	1,122,579	57,654	2.37	46.14	1.1	106.7	9,224	1,558	21.89	129.60	.5	105.7
2012													
	January	1,069,923	55,185	2.39	46.31	1.1	105.5	9,593	1,605	21.87	130.76	.5	106.3
	February	986,331	50,474	2.40	46.97	1.2	107.7	7,074	1,187	22.43	133.69	.4	96.6
	March	943,528	48,244	2.43	47.51	1.2	111.0	8,899	1,467	23.09	140.13	.5	111.4
	April	864,766	43,380	2.49	49.71	1.3	109.3	6,976	1,170	24.04	143.35	.5	85.6
	May	917,798	46,346	2.46	48.77	1.3	98.6	7,323	1,239	23.46	138.68	.5	87.7
Year to Date													
	2010	5,743,279	286,640	2.27	45.58	1.1	99.0	73,286	12,029	13.70	83.44	.5	100.4
	2011	5,407,938	273,110	2.38	47.07	1.1	98.0	64,354	10,581	18.84	114.60	.6	114.8
	2012	4,782,346	243,628	2.43	47.76	1.2	106.2	39,866	6,667	22.92	137.02	.5	97.5
Rolling 12 Months Ending in May													
	2011	13,891,654	699,564	2.31	45.96	1.1	99.4	180,858	29,650	16.23	98.62	.5	111.2
	2012	12,663,881	641,927	2.43	47.96	1.2	102.0	113,298	18,873	22.31	133.82	.5	104.7

Table 4.2 Reciepts Average Cost and Quality of Fossil Fuels: Electric Utilities 2002-May 2012 (continued)

		Petroleum Coke						Natural Gas					All Fossil Fuels
		Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	Average Cost
		(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)			(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)		(dollars per MMBtu)
Period													
Annual Totals													
	2002	75,711	2,677	.63	17.68	5.0	126.0	1,680,518	1,634,734	3.68	3.78	72.3	1.54
	2003	89,618	3,165	.74	20.94	5.5	124.0	1,486,088	1,439,513	5.59	5.77	81.6	1.74
	2004	107,985	3,817	.89	25.15	5.1	92.0	1,542,746	1,499,933	6.15	6.33	82.9	1.87
	2005	102,450	3,632	1.29	36.31	5.2	87.9	1,835,221	1,780,721	8.32	8.57	83.4	2.38
	2006	99,471	3,516	1.49	42.21	5.1	97.2	2,222,289	2,163,113	7.36	7.56	87.3	2.45
	2007	84,812	2,964	1.73	49.57	5.1	105.6	2,378,104	2,315,637	7.47	7.67	84.6	2.61
	2008	80,987	2,843	2.12	60.51	5.4	123.8	2,856,354	2,784,642	9.15	9.39	102.0	3.33
	2009	109,126	3,833	1.68	47.84	5.0	138.8	3,033,133	2,962,640	5.50	5.63	101.8	2.87
	2010	103,152	3,628	2.38	67.65	5.0	109.1	3,395,962	3,327,919	5.43	5.54	101.1	2.99
	2011	90,955	3,171	2.91	83.38	5.2	100.0	3,488,532	3,426,360	5.01	5.10	101.4	3.09
2009													
	January	10,608	371	2.06	58.77	5.0	139.8	208,081	202,538	7.05	7.24	102.6	3.03
	February	7,746	272	1.92	54.69	5.6	118.1	197,128	192,399	6.24	6.40	102.0	2.92
	March	8,784	309	1.72	48.78	5.1	99.2	227,853	222,311	5.59	5.72	102.6	2.84
	April	8,205	289	1.15	32.78	5.2	109.2	199,495	194,561	5.47	5.61	103.1	2.74
	May	11,038	388	1.86	52.96	4.7	143.1	232,241	226,655	5.35	5.48	102.4	2.83
	June	7,574	263	1.78	51.22	4.7	104.2	293,235	286,460	5.14	5.26	101.4	2.89
	July	7,553	263	1.73	49.77	4.5	104.1	343,209	334,815	5.03	5.15	101.7	2.90
	August	10,909	386	1.94	54.90	5.0	155.1	360,777	352,110	4.91	5.03	101.5	2.91
	September	10,248	361	1.39	39.40	5.3	148.0	299,818	293,133	4.66	4.77	100.7	2.75
	October	9,024	320	1.58	44.49	4.9	264.0	237,676	232,677	5.63	5.75	101.3	2.85
	November	7,688	269	1.21	34.68	5.3	232.1	205,042	201,085	5.70	5.82	102.0	2.77
	December	9,747	341	1.64	46.90	5.1	186.5	228,578	223,896	6.46	6.59	100.9	3.01
2010													
	January	9,040	317	1.76	50.18	5.4	112.1	254,841	249,848	6.93	7.07	102.0	3.26
	February	5,337	188	1.96	55.49	5.1	72.9	217,554	213,267	6.39	6.52	100.6	3.06
	March	8,021	284	2.24	63.36	5.0	92.2	214,554	210,587	5.72	5.83	101.3	2.91
	April	9,899	347	2.30	65.45	5.0	137.3	218,064	213,690	5.20	5.30	101.6	2.82
	May	7,673	269	2.32	66.03	5.0	103.1	270,661	265,218	5.20	5.30	101.3	2.94
	June	8,998	317	2.22	63.05	5.3	99.2	324,142	317,528	5.42	5.54	101.0	3.05
	July	9,979	354	2.50	70.63	4.7	103.9	399,566	391,191	5.47	5.58	100.8	3.19
	August	11,742	410	2.69	76.96	4.9	143.5	421,843	413,154	5.24	5.35	100.4	3.14
	September	10,150	355	2.71	77.34	4.9	120.0	315,571	308,882	4.81	4.92	100.9	2.93
	October	8,639	301	2.51	72.03	4.9	123.2	269,281	263,756	4.77	4.87	101.4	2.82
	November	5,740	208	2.28	62.94	5.2	103.3	226,257	222,019	4.74	4.83	101.2	2.79
	December	7,933	277	2.75	78.60	5.1	101.0	263,628	258,780	5.64	5.75	101.8	2.97
2011													
	January	7,843	275	3.08	87.85	5.3	70.0	242,440	237,993	5.50	5.60	102.1	3.03
	February	6,172	216	2.92	83.55	5.4	83.1	213,523	209,352	5.34	5.45	103.0	2.98
	March	5,962	207	3.26	94.02	5.7	67.7	219,104	215,125	4.95	5.04	101.6	2.94
	April	6,570	229	3.31	94.98	5.2	117.1	250,040	246,002	5.19	5.28	103.0	3.09
	May	6,525	228	3.56	101.82	5.0	114.7	273,638	269,180	5.17	5.26	101.3	3.20
	June	7,186	249	2.66	76.57	5.1	91.3	337,272	331,306	5.28	5.38	101.3	3.24
	July	10,212	356	3.22	92.30	4.8	104.1	436,190	427,506	5.12	5.22	100.6	3.32
	August	9,132	319	3.08	88.27	5.3	106.5	427,489	418,891	4.97	5.08	100.7	3.26
	September	8,697	303	2.79	79.91	5.1	102.6	311,141	306,346	4.89	4.97	101.1	3.10
	October	8,093	280	2.82	81.28	5.1	127.2	268,114	263,244	4.72	4.80	100.9	3.02
	November	7,320	253	2.11	60.84	5.2	162.9	241,920	238,003	4.51	4.58	101.1	2.92
	December	7,243	255	2.11	59.82	5.1	109.0	267,660	263,413	4.39	4.46	102.1	2.88
2012													
	January	6,150	214	2.20	63.16	4.8	83.6	287,015	282,460	4.05	4.12	100.4	2.87
	February	5,209	179	2.09	60.72	5.2	93.4	282,804	278,125	3.71	3.77	101.7	2.80
	March	5,570	194	1.93	55.33	5.8	180.8	304,694	299,484	3.37	3.43	101.4	2.80
	April	4,882	169	1.97	57.05	5.1	140.2	336,198	327,661	3.10	3.18	101.1	2.78
	May	3,867	134	2.03	58.61	5.4	95.5	391,411	383,704	3.25	3.32	101.6	2.81
Year to Date													
	2010	39,970	1,406	2.12	60.36	5.1	103.1	1,175,674	1,152,610	5.89	6.01	101.4	3.00
	2011	33,072	1,154	3.22	92.32	5.3	85.4	1,198,745	1,177,652	5.23	5.33	102.2	3.05
	2012	25,679	891	2.05	59.12	5.2	109.1	1,602,123	1,571,434	3.47	3.54	101.3	2.82
Rolling 12 Months Ending in May													
	2011	96,253	3,377	2.82	80.31	5.1	103.9	3,419,033	3,352,961	5.19	5.29	101.5	3.01
	2012	83,563	2,907	2.42	69.49	5.2	116.4	3,891,910	3,820,142	4.28	4.36	101.2	2.99

Table 4.3 Reciepts Average Cost and Quality of Fossil Fuels: Independent Power Producers 2002-May 2012

Coal							Petroleum Liquids					
Receipts		Average Cost					Receipts		Average Cost			
Period	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)	AVG % Sulfur	Percentage of Consumption
Annual Totals												
2002	3,710,847	182,482	1.37	27.96	1.2	87.0	186,271	30,043	4.19	25.98	.6	76.4
2003	4,365,996	223,984	1.34	26.20	1.2	90.4	347,546	56,138	5.41	33.50	.6	89.7
2004	4,410,775	227,700	1.41	27.27	1.1	93.3	337,011	54,152	5.35	33.31	.6	93.6
2005	4,459,333	229,071	1.56	30.39	1.1	83.0	381,871	61,753	8.30	51.34	.5	97.2
2006	5,204,402	266,856	1.69	33.04	1.1	97.7	117,524	19,236	9.65	58.98	.5	104.9
2007	5,275,454	273,216	1.71	33.11	1.1	97.5	125,025	20,486	10.49	64.01	.5	85.0
2008	5,395,142	281,258	2.03	38.98	1.0	100.4	82,124	13,657	16.30	98.03	.4	94.4
2009	4,563,080	240,687	2.11	39.94	1.1	101.1	68,030	11,408	10.02	59.76	.4	102.0
2010	4,555,898	243,585	2.20	41.15	1.2	96.0	49,598	8,420	14.80	87.19	.4	89.9
2011	4,702,024	251,937	2.30	42.99	1.3	104.9	41,499	7,033	20.25	119.48	.5	107.2
2009												
January	446,449	23,567	2.12	40.16	1.0	97.8	19,583	3,223	8.25	50.12	.4	83.5
February	417,710	21,834	2.15	41.04	1.0	110.0	11,257	1,851	7.77	47.23	.4	156.2
March	427,194	22,100	2.21	42.73	1.1	117.0	8,872	1,474	8.25	49.68	.4	130.7
April	358,734	18,683	2.09	40.17	1.1	106.5	2,928	505	10.48	60.72	.3	99.9
May	377,550	19,715	2.14	41.01	1.1	110.8	2,295	402	10.19	58.15	.3	74.4
June	355,973	18,831	2.09	39.47	1.1	98.5	3,082	527	11.54	67.43	.3	106.3
July	368,865	19,773	2.10	39.11	1.0	93.4	2,438	421	12.65	73.25	.3	70.7
August	393,511	20,796	2.08	39.31	1.1	95.1	3,716	629	13.25	78.32	.3	66.3
September	352,252	18,832	2.09	39.09	1.0	106.7	2,444	422	15.18	87.88	.3	101.0
October	341,134	18,223	2.06	38.52	1.0	96.3	2,450	423	13.94	80.80	.3	88.4
November	352,701	18,574	2.06	39.03	1.1	101.5	3,768	665	12.98	73.50	.3	149.0
December	371,008	19,758	2.07	38.92	1.1	86.7	5,196	866	13.41	80.51	.4	150.1
2010												
January	376,680	19,830	2.21	42.01	1.2	85.3	5,186	895	14.92	86.41	.3	75.4
February	343,015	18,198	2.21	41.75	1.2	88.3	2,397	416	14.78	85.23	.3	78.2
March	401,656	21,348	2.23	41.96	1.2	107.5	4,487	747	13.69	82.23	.6	201.3
April	359,489	19,062	2.23	41.96	1.3	113.2	2,017	354	15.12	86.17	.3	90.2
May	374,626	19,964	2.19	41.15	1.3	106.5	2,963	508	15.27	89.08	.4	86.2
June	342,601	18,471	2.19	40.68	1.2	83.4	4,357	738	14.22	83.97	.3	87.9
July	370,780	20,113	2.23	41.09	1.1	81.8	6,753	1,125	13.66	81.95	.4	67.0
August	414,300	21,970	2.23	42.11	1.3	90.1	4,622	777	14.55	86.52	.3	75.1
September	404,409	21,646	2.20	41.04	1.2	103.2	4,031	678	13.97	83.02	.3	95.5
October	412,301	22,106	2.15	40.10	1.2	115.5	3,720	626	15.45	91.85	.4	135.1
November	387,870	20,899	2.15	39.94	1.2	106.9	3,898	679	16.19	92.92	.4	120.4
December	368,173	19,977	2.18	40.13	1.2	84.9	5,167	876	16.62	97.98	.3	87.6
2011												
January	418,692	22,383	2.23	41.80	1.3	94.6	4,770	798	17.39	103.95	.6	73.2
February	371,407	19,633	2.29	43.38	1.3	104.4	3,198	544	18.54	109.08	.8	118.0
March	398,216	21,356	2.29	42.73	1.3	118.6	2,235	381	21.28	124.77	.6	91.2
April	365,593	19,513	2.30	43.18	1.3	112.6	3,345	566	21.41	126.62	.3	146.8
May	371,147	19,503	2.36	44.82	1.4	107.6	2,952	498	21.50	127.57	.6	112.0
June	361,607	19,273	2.40	44.98	1.3	91.5	3,441	585	20.82	122.46	.5	91.7
July	375,093	20,228	2.36	43.81	1.3	84.5	5,380	911	21.13	124.72	.4	89.1
August	424,393	22,677	2.36	44.16	1.3	96.0	2,884	493	16.58	97.03	.5	91.6
September	410,107	22,261	2.32	42.69	1.3	109.4	2,412	411	22.22	130.37	.6	99.1
October	419,814	22,538	2.26	42.07	1.3	121.9	3,976	655	20.15	122.35	.5	185.4
November	400,339	21,634	2.26	41.83	1.3	121.6	3,445	606	20.69	117.68	.4	170.6
December	385,614	20,939	2.22	40.86	1.3	110.6	3,461	586	22.32	131.80	.5	132.9
2012												
January	398,502	21,461	2.47	45.93	1.4	119.7	3,181	536	22.67	134.45	.4	125.8
February	335,421	17,601	2.31	44.11	1.5	112.9	2,051	348	23.63	139.13	.5	117.3
March	313,397	16,581	2.25	42.57	1.4	120.7	1,165	198	24.24	142.69	.5	76.3
April	286,108	15,226	2.18	41.03	1.4	130.7	1,564	268	24.98	145.94	.5	92.5
May	308,902	16,673	2.26	41.83	1.4	105.4	2,232	380	23.47	137.91	.4	83.5
Year to Date												
2010	1,855,466	98,402	2.22	41.77	1.2	99.1	17,050	2,920	14.66	85.61	.4	95.1
2011	1,925,055	102,388	2.29	43.14	1.3	106.7	16,500	2,786	19.69	116.62	.6	99.6
2012	1,642,330	87,542	2.31	43.29	1.4	117.2	10,193	1,730	23.57	138.87	.5	100.2
Rolling 12 Months Ending in May												
2011	4,625,488	247,571	2.23	41.75	1.2	100.3	49,048	8,286	17.06	100.85	.4	100.8
2012	4,419,299	237,091	2.30	42.99	1.3	110.4	35,192	5,977	21.91	128.88	.5	113.0

Table 4.3 Reciepts Average Cost and Quality of Fossil Fuels: Independent Power Producers 2002-May 2012 (continued)

		Petroleum Coke					Natural Gas					All Fossil Fuels	
		Receipts		Average Cost				Receipts		Average Cost		Average Cost	
		(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)	Percentage of Consumption	(dollars per MMBtu)
Period													
Annual Totals													
	2002	47,805	1,639	1.03	29.98	4.9	44.4	3,198,108	3,126,308	3.55	3.63	91.6	2.37
	2003	59,377	2,086	.60	17.16	4.9	64.3	3,335,086	3,244,368	5.33	5.48	96.2	3.15
	2004	73,745	2,609	.72	20.30	5.0	81.0	3,491,942	3,403,474	5.86	6.01	93.1	3.43
	2005	92,706	3,277	.90	25.42	5.1	82.9	3,675,165	3,578,722	8.20	8.42	95.8	4.69
	2006	85,924	3,031	1.07	30.34	5.1	87.1	3,742,865	3,647,102	6.66	6.84	97.4	3.82
	2007	56,580	1,994	1.02	28.95	4.9	69.3	4,097,825	3,990,546	6.92	7.11	97.2	4.06
	2008	79,122	2,788	1.47	41.85	4.6	98.8	4,061,830	3,956,155	8.94	9.17	100.5	5.07
	2009	49,619	1,732	1.31	37.63	3.9	93.6	4,087,573	3,987,721	4.30	4.41	100.7	3.19
	2010	30,079	1,050	1.74	49.80	3.8	72.3	4,212,611	4,119,103	4.94	5.05	100.6	3.57
	2011	21,641	753	1.78	51.02	4.4	61.6	4,364,318	4,267,688	4.59	4.70	101.0	3.48
2009													
	January	3,025	105	1.57	45.18	3.9	73.0	297,293	289,321	6.01	6.18	99.8	3.78
	February	3,999	140	1.39	39.94	4.2	97.2	273,521	266,236	4.93	5.07	100.6	3.31
	March	4,037	141	1.18	33.71	4.3	92.3	294,042	286,461	4.19	4.30	101.3	3.07
	April	3,311	114	1.05	30.45	3.8	76.5	270,846	263,955	3.92	4.02	100.5	2.90
	May	3,671	128	1.13	32.50	4.1	87.2	304,347	296,712	4.00	4.10	100.9	2.98
	June	4,314	150	1.15	33.16	3.5	90.7	371,888	362,969	4.02	4.11	100.8	3.10
	July	5,369	188	1.39	39.58	3.9	103.9	461,124	449,506	3.86	3.96	100.2	3.09
	August	5,154	181	1.55	44.13	4.1	106.2	506,176	494,315	3.69	3.78	100.2	3.02
	September	4,221	148	1.17	33.45	3.8	85.5	410,838	401,063	3.39	3.47	100.5	2.82
	October	4,873	172	1.43	40.59	4.0	127.2	324,805	317,184	4.42	4.53	103.2	3.24
	November	3,050	106	1.20	34.73	3.3	77.5	266,906	260,688	4.37	4.48	100.3	3.10
	December	4,596	160	1.41	40.51	3.4	104.7	305,787	299,310	5.84	5.97	100.4	3.83
2010													
	January	3,804	133	1.44	41.35	3.4	101.7	308,109	301,125	6.75	6.90	100.1	4.32
	February	2,918	101	1.48	42.64	3.5	77.2	274,889	268,803	5.95	6.08	100.4	3.91
	March	3,499	121	1.63	47.30	3.3	101.4	256,384	250,712	5.06	5.17	100.7	3.39
	April	1,376	47	1.08	31.18	4.3	40.8	267,989	261,844	4.48	4.58	100.2	3.22
	May	2,468	86	1.78	50.77	3.8	62.4	306,425	299,565	4.55	4.65	100.6	3.30
	June	2,619	91	1.75	50.31	4.0	60.0	401,342	392,478	5.01	5.12	100.3	3.77
	July	2,705	95	1.94	55.02	4.5	58.5	522,419	510,999	5.04	5.15	100.4	3.94
	August	1,779	64	2.26	63.33	4.0	59.1	546,215	534,075	4.72	4.82	100.5	3.70
	September	1,349	47	2.36	67.67	3.0	61.5	401,881	393,000	4.27	4.36	100.6	3.28
	October	3,342	117	2.01	57.26	3.9	116.1	321,547	314,248	4.00	4.09	101.3	3.02
	November	2,286	80	1.76	50.12	4.2	80.2	285,549	279,359	4.23	4.33	100.8	3.10
	December	1,933	67	1.63	46.81	4.7	57.6	319,863	312,895	5.49	5.62	100.9	3.81
2011													
	January	1,463	51	1.79	51.52	4.2	47.6	319,075	312,262	5.54	5.66	101.0	3.75
	February	1,357	47	1.53	44.11	4.3	41.2	289,373	282,841	5.03	5.15	101.4	3.56
	March	1,490	51	1.70	49.17	3.7	35.3	279,499	273,528	4.54	4.64	101.0	3.28
	April	1,955	68	1.87	53.87	3.9	70.6	295,782	289,214	4.71	4.81	100.8	3.47
	May	2,823	99	2.24	63.84	4.4	92.2	321,800	315,028	4.69	4.79	100.9	3.51
	June	1,823	63	1.60	45.97	4.2	62.9	390,133	381,919	4.92	5.03	101.0	3.78
	July	2,183	76	1.96	56.70	4.3	62.9	528,025	516,435	4.91	5.02	99.9	3.95
	August	2,027	70	1.71	49.18	4.5	70.0	523,849	512,572	4.55	4.65	101.0	3.61
	September	1,687	58	1.83	52.80	4.4	69.5	399,972	390,567	4.37	4.48	101.9	3.39
	October	1,613	56	1.79	51.75	4.9	74.6	332,097	324,520	4.10	4.20	102.2	3.16
	November	1,453	50	1.35	38.85	5.2	58.5	318,812	311,476	3.89	3.98	101.2	3.06
	December	1,766	62	1.48	41.72	4.7	73.2	365,902	357,323	3.82	3.92	100.9	3.09
2012													
	January	1,730	60	1.41	40.39	5.0	70.1	381,726	372,985	3.50	3.58	100.8	3.05
	February	1,331	46	1.23	35.48	4.6	56.3	383,092	373,954	3.13	3.21	99.5	2.81
	March	1,620	56	NM	NM	5.1	54.0	391,353	382,158	2.72	2.78	99.4	2.54
	April	NM	NM	NM	NM	5.3	70.8	412,327	402,984	2.52	2.58	100.8	2.43
	May	759	26	NM	NM	5.5	45.3	452,603	442,289	2.69	2.76	100.3	2.58
Year to Date													
	2010	14,065	489	1.52	43.77	3.6	76.9	1,413,796	1,382,050	5.38	5.50	100.4	3.63
	2011	9,089	316	1.89	54.40	4.1	55.5	1,505,528	1,472,874	4.91	5.02	101.0	3.52
	2012	6,311	219	1.20	34.46	5.1	58.8	2,021,101	1,974,370	2.90	2.97	100.2	2.69
Rolling 12 Months Ending in May													
	2011	25,103	878	1.90	54.42	4.1	65.0	4,304,343	4,209,928	4.77	4.88	100.8	3.51
	2012	NM	NM	NM	NM	4.8	64.0	4,879,891	4,769,184	3.76	3.85	100.7	3.12

Table 4.4 Reciepts Average Cost and Quality of Fossil Fuels: Commerical Sector 2002-May 2012

Coal							Petroleum Liquids					
Receipts		Average Cost					Receipts		Average Cost			
Period	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)	AVG % Sulfur	Percentage of Consumption
Annual Totals												
2002	9,580	399	2.10	50.44	2.6	28.4	503	91	5.38	29.73	.0	7.5
2003	8,835	372	1.99	47.24	2.4	20.5	248	43	7.0	40.82	.0	3.1
2004	10,682	451	2.08	49.32	2.5	23.5	3,066	527	6.19	35.96	.2	26.9
2005	11,081	464	2.57	61.21	2.4	24.2	1,684	289	8.28	48.22	.2	18.3
2006	12,207	518	2.63	61.95	2.5	27.5	798	137	13.50	78.70	.2	15.5
2007	12,419	531	2.67	62.46	2.6	27.6	249	43	14.04	81.93	.2	6.2
2008	43,997	2,009	2.65	58.12	1.7	99.4	3,800	633	17.84	107.10	.4	102.0
2009	41,182	1,876	2.90	63.68	1.7	104.3	3,517	583	10.82	65.26	.5	122.1
2010	37,778	1,747	2.82	61.06	1.8	101.6	2,395	400	15.24	91.25	.4	106.3
2011	33,996	1,595	2.87	61.14	1.8	97.7	1,927	326	21.44	126.87	.5	130.3
2009												
January	4,051	188	2.88	62.20	1.7	90.0	1,089	177	9.18	56.39	.6	104.4
February	3,768	174	2.94	63.75	1.9	97.3	796	128	7.89	48.95	.7	200.5
March	3,839	176	2.85	62.34	1.7	103.4	205	35	10.11	60.17	.4	113.1
April	3,177	145	2.83	61.89	1.7	113.5	147	25	11.29	66.12	.3	98.5
May	2,841	130	2.90	63.09	1.6	111.8	NM	NM	11.56	67.68	.3	128.7
June	3,275	146	2.90	64.90	1.7	108.2	174	30	13.14	77.04	.2	218.9
July	3,245	146	2.91	64.59	1.8	106.5	120	20	13.69	80.17	.3	106.0
August	3,453	155	2.96	65.73	1.5	108.7	NM	NM	14.43	84.56	.3	89.0
September	3,282	147	3.06	68.33	1.7	115.4	138	24	14.56	85.01	.2	162.9
October	3,075	140	2.95	65.07	1.6	108.6	175	30	14.65	86.15	.3	173.8
November	3,466	160	2.86	62.19	1.6	105.4	139	24	15.32	89.88	.2	82.5
December	3,711	170	2.80	61.15	1.6	97.7	227	38	15.04	89.12	.3	86.1
2010												
January	3,452	162	2.79	59.44	1.7	83.9	224	37	14.38	86.22	.4	77.6
February	3,364	156	2.87	61.93	1.8	93.2	178	30	14.42	86.02	.4	73.4
March	3,478	161	2.90	62.65	1.6	107.7	368	61	14.78	89.28	.5	330.9
April	2,983	137	2.80	61.12	1.5	116.7	91	16	17.13	99.62	.2	81.8
May	2,820	132	2.71	58.0	1.4	111.4	181	30	14.51	87.04	.5	106.2
June	2,874	132	2.99	65.29	2.0	97.6	181	30	14.57	87.38	.4	116.2
July	2,933	132	2.83	62.64	2.1	93.4	259	43	14.20	85.58	.4	72.4
August	3,381	157	2.79	60.14	1.9	103.2	142	24	14.71	88.85	.4	58.4
September	3,045	141	2.85	61.82	1.8	105.8	159	26	15.03	90.09	.4	122.5
October	2,864	133	2.82	60.52	1.7	109.9	254	43	16.34	97.50	.3	283.6
November	3,365	155	2.86	62.19	1.8	121.1	114	19	16.95	100.83	.4	145.5
December	3,217	151	2.69	57.30	2.0	91.5	242	41	17.22	102.47	.3	89.2
2011												
January	3,222	151	2.76	58.88	1.9	84.9	NM	NM	18.76	110.99	.6	81.6
February	3,208	150	2.84	60.83	1.8	90.9	NM	NM	20.20	118.50	.5	152.0
March	3,165	151	2.72	57.12	1.7	95.6	NM	NM	21.81	129.01	.5	128.0
April	2,485	119	2.73	57.18	1.9	95.6	NM	NM	21.89	131.54	.3	158.1
May	2,568	119	3.05	65.81	1.7	93.3	NM	NM	21.15	128.06	.7	175.2
June	3,110	142	3.21	70.15	1.8	115.1	NM	NM	22.04	130.88	.6	123.2
July	2,602	120	2.93	63.33	1.9	89.6	NM	NM	22.66	134.04	.5	81.8
August	2,709	124	3.05	66.80	1.9	99.6	NM	NM	21.10	124.09	.5	129.9
September	2,447	114	2.92	62.89	1.8	93.7	NM	NM	21.91	129.16	.5	147.1
October	2,601	127	2.68	54.78	1.5	109.1	NM	NM	21.73	128.74	.5	139.6
November	2,862	136	2.76	57.88	1.7	110.6	NM	NM	NM	NM	.5	222.8
December	3,018	143	2.80	59.16	1.7	103.2	NM	NM	22.54	131.81	.5	156.1
2012												
January	2,819	136	2.76	57.45	1.8	87.9	NM	NM	22.53	132.54	.5	112.7
February	2,440	118	2.63	54.28	1.8	86.4	NM	NM	NM	NM	.5	135.5
March	2,554	125	2.66	54.41	1.7	95.5	NM	NM	NM	NM	.5	90.5
April	2,408	115	2.93	61.40	1.6	103.2	NM	NM	24.15	141.20	.5	109.7
May	NM	NM	2.89	60.63	1.9	92.7	NM	NM	22.55	133.32	.5	95.8
Year to Date												
2010	16,097	747	2.82	60.70	1.6	100.3	1,044	174	14.79	88.61	.4	112.4
2011	14,648	689	2.81	59.82	1.8	91.6	833	140	20.70	123.18	.5	127.4
2012	12,489	602	2.77	57.52	1.8	92.6	NM	NM	23.0	135.47	.5	108.1
Rolling 12 Months Ending in May												
2011	36,328	1,689	2.83	60.81	1.9	98.6	NM	NM	17.74	105.90	.4	131.9
2012	NM	NM	2.85	60.26	1.8	98.9	NM	NM	NM	NM	.5	128.7

Table 4.4 Reciepts Average Cost and Quality of Fossil Fuels: Commerical Sector 2002-May 2012 (continued)

		Petroleum Coke						Natural Gas		All Fossil Fuels			
		Receipts		Average Cost				Receipts		Average Cost		Average Cost	
		(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)	Percentage of Consumption	(dollars per MMBtu)
Period													
Annual Totals													
	2002	0	0	.00	.00	.0	.0	18,671	18,256	3.44	3.52	24.7	2.92
	2003	0	0	.	.	.0	.0	18,169	17,827	4.96	5.06	30.5	4.02
	2004	0	0	.00	.00	.0	.0	16,176	15,804	5.93	6.07	21.9	4.58
	2005	0	0	.00	.	.	.	17,600	17,142	8.38	8.60	25.2	6.25
	2006	0	0	.00	.	.	.	21,369	20,819	8.33	8.55	30.7	6.42
	2007	0	0	.00	.	.	.	23,502	22,955	7.99	8.18	32.8	6.20
	2008	370	14	2.14	58.36	5.5	135.3	71,670	69,877	9.01	9.24	105.5	6.94
	2009	252	9	1.65	46.54	5.1	102.8	81,134	79,308	5.18	5.30	105.0	4.58
	2010	410	15	2.19	60.59	5.7	122.5	92,055	90,130	5.39	5.51	105.1	4.83
	2011	NM	NM	2.64	75.47	5.6	223.9	NM	NM	5.09	5.20	106.7	4.73
2009													
	January	NM	NM	2.04	54.08	5.4	116.1	7,139	6,961	6.92	7.09	105.8	5.77
	February	NM	NM	1.83	52.21	5.4	99.0	6,392	6,231	6.20	6.36	107.3	5.19
	March	NM	NM	1.65	47.07	4.9	100.0	6,601	6,442	5.61	5.74	105.6	4.69
	April	0	0	.00	.00	.0	.	5,830	5,701	4.87	4.98	104.7	4.26
	May	0	0	.00	.00	.0	.	5,637	5,511	4.69	4.80	103.5	4.21
	June	0	0	.00	.00	.0	.	6,252	6,113	4.62	4.72	104.3	4.19
	July	NM	NM	1.61	46.08	4.6	.	7,449	7,278	4.58	4.69	103.4	4.18
	August	NM	NM	1.82	51.51	4.9	100.3	7,990	7,821	4.37	4.46	104.9	4.08
	September	27	1	1.34	38.11	5.1	91.3	7,450	7,285	4.05	4.14	104.0	3.88
	October	0	0	.00	.00	.0	.	6,757	6,615	5.00	5.11	105.8	4.54
	November	35	1	1.26	35.88	5.1	100.3	6,344	6,214	5.26	5.37	104.8	4.55
	December	53	2	1.56	44.39	4.9	106.3	7,293	7,135	6.03	6.17	105.6	5.13
2010													
	January	38	1	1.69	45.95	5.5	100.4	7,928	7,757	6.92	7.07	107.0	5.82
	February	32	1	1.80	48.98	5.5	99.4	7,189	7,040	6.55	6.69	106.3	5.51
	March	41	2	2.08	56.61	5.5	104.6	7,062	6,916	5.83	5.96	105.1	5.19
	April	20	1	2.15	58.52	5.5	81.3	6,394	6,258	5.09	5.20	104.5	4.48
	May	22	1	2.14	61.12	5.5	.0	6,102	5,980	5.10	5.21	104.2	4.55
	June	24	1	2.00	56.93	5.5	.0	6,583	6,449	5.25	5.36	104.3	4.74
	July	30	1	2.33	65.85	5.8	.0	8,579	8,397	5.25	5.36	103.5	4.83
	August	33	1	2.58	73.47	5.8	98.0	9,335	9,139	5.09	5.20	103.8	4.58
	September	27	1	2.57	73.21	5.8	83.1	7,936	7,765	4.65	4.75	103.8	4.30
	October	42	2	2.33	63.97	5.8	120.6	7,954	7,785	4.69	4.80	104.8	4.47
	November	43	2	2.04	55.92	5.8	93.1	7,758	7,601	4.67	4.76	106.6	4.24
	December	58	2	2.45	67.15	5.8	110.3	9,235	9,043	5.63	5.75	106.9	5.09
2011													
	January	42	1	NM	NM	5.3	98.3	NM	NM	5.71	5.84	106.9	NM
	February	36	1	NM	NM	5.5	105.1	NM	NM	5.57	5.70	108.0	NM
	March	34	1	NM	NM	5.7	81.8	NM	NM	5.26	5.37	106.7	NM
	April	NM	NM	NM	NM	5.5	.0	NM	NM	5.23	5.34	105.4	4.82
	May	NM	NM	2.95	83.98	5.8	.0	NM	NM	5.15	5.26	105.7	4.89
	June	NM	NM	NM	NM	5.8	.0	NM	NM	5.24	5.34	105.8	NM
	July	NM	NM	NM	NM	5.8	.0	NM	NM	NM	NM	104.4	NM
	August	NM	NM	NM	NM	5.8	.0	NM	NM	5.06	5.16	105.8	4.75
	September	NM	NM	NM	NM	5.8	.0	NM	NM	NM	NM	105.9	NM
	October	NM	NM	NM	NM	5.2	.0	NM	NM	NM	NM	107.1	NM
	November	NM	NM	NM	NM	5.3	132.6	NM	NM	4.58	4.67	109.9	4.41
	December	43	2	NM	NM	5.2	98.3	NM	NM	NM	NM	108.4	NM
2012													
	January	46	2	NM	NM	5.1	97.9	NM	NM	4.41	4.50	104.3	NM
	February	45	2	NM	NM	5.4	113.7	NM	NM	NM	NM	107.8	NM
	March	36	1	NM	NM	5.7	96.3	NM	NM	NM	NM	106.1	NM
	April	NM	NM	NM	NM	5.3	116.9	NM	NM	NM	NM	106.3	NM
	May	0	0	.00	.00	.0	.0	NM	NM	3.36	3.43	105.3	3.43
Year to Date													
	2010	153	6	1.94	53.21	5.5	113.8	34,675	33,951	5.96	6.09	105.5	5.15
	2011	NM	NM	2.76	78.93	5.5	137.9	NM	NM	5.40	5.51	106.6	4.91
	2012	130	5	2.01	57.60	5.4	102.7	NM	NM	3.85	3.93	105.9	3.74
Rolling 12 Months Ending in May													
	2011	NM	NM	NM	NM	5.7	65.9	NM	NM	5.18	5.29	105.5	NM
	2012	NM	NM	NM	NM	5.0	54.6	NM	NM	NM	NM	106.4	NM

Table 4.5 Reciepts Average Cost and Quality of Fossil Fuels: Industrial Sector 2002-May 2012

		Coal						Petroleum Liquids					
		Receipts		Average Cost				Receipts		Average Cost			
		(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)	AVG % Sulfur	Percentage of Consumption
Period													
Annual Totals													
	2002	294,234	13,659	1.45	31.29	1.6	52.1	29,137	4,638	3.55	22.33	1.2	26.5
	2003	322,547	15,076	1.45	31.01	1.4	60.7	27,538	4,624	4.85	28.86	1.3	23.2
	2004	326,495	15,324	1.63	34.79	1.4	57.6	25,491	4,107	4.98	30.93	1.4	18.5
	2005	339,968	16,011	1.94	41.17	1.4	61.9	36,383	5,876	6.64	41.13	1.4	26.4
	2006	320,640	15,208	2.03	42.76	1.5	60.2	19,514	3,214	7.57	45.95	1.3	21.2
	2007	303,091	13,540	2.20	49.16	1.4	60.1	33,637	5,514	8.53	52.06	1.3	38.8
	2008	493,724	22,044	2.72	60.96	1.3	100.7	48,822	7,958	12.50	76.69	1.0	109.0
	2009	431,686	19,661	2.81	61.68	1.2	99.5	55,899	9,232	9.83	59.52	.8	112.8
	2010	468,991	21,492	2.75	60.08	1.3	87.2	33,276	5,554	13.21	79.15	.9	125.6
	2011	446,344	20,639	2.98	64.38	1.4	83.5	25,147	4,198	18.04	108.08	1.1	141.1
2009													
	January	36,562	1,654	3.09	68.35	1.3	92.3	9,767	1,601	8.12	49.57	.9	151.1
	February	37,973	1,726	2.95	65.01	1.3	107.5	7,327	1,211	8.24	49.88	.7	136.1
	March	37,194	1,714	2.83	61.39	1.2	101.3	5,137	865	7.87	46.78	.8	111.0
	April	35,600	1,612	2.76	60.96	1.2	108.4	3,957	673	8.75	51.40	.9	103.2
	May	32,431	1,482	2.90	63.53	1.2	95.6	4,091	671	9.26	56.49	.8	74.8
	June	35,103	1,594	2.76	60.80	1.2	99.6	4,920	813	10.45	63.24	.8	123.4
	July	36,776	1,680	2.74	59.98	1.2	101.3	3,774	620	11.02	67.06	.8	107.3
	August	37,929	1,739	2.75	59.95	1.1	102.7	4,406	723	11.55	70.39	.9	134.4
	September	36,169	1,645	2.73	60.01	1.2	102.1	2,615	431	12.05	73.10	.9	77.3
	October	34,755	1,579	2.72	59.97	1.3	94.5	2,959	485	12.25	74.72	1.0	103.4
	November	36,274	1,646	2.72	59.84	1.2	101.5	3,129	517	12.05	72.96	.8	105.8
	December	34,920	1,590	2.75	60.33	1.2	89.2	3,816	622	12.43	76.24	.9	100.9
2010													
	January	34,732	1,580	2.79	61.38	1.3	75.5	4,869	811	12.80	76.83	.9	140.8
	February	35,539	1,606	2.83	62.50	1.3	81.2	2,888	477	12.58	76.17	1.2	97.5
	March	41,435	1,865	2.80	62.26	1.3	87.8	2,546	422	12.80	77.21	1.1	121.4
	April	37,998	1,713	2.76	61.15	1.3	77.2	1,616	271	13.57	80.84	1.0	84.1
	May	38,477	1,743	2.72	59.95	1.2	86.7	2,427	406	12.92	77.32	.9	136.6
	June	42,012	2,008	2.71	56.76	1.1	105.8	2,655	444	12.67	75.80	.8	172.6
	July	39,484	1,797	2.75	60.33	1.2	84.7	2,876	482	12.77	76.20	.8	143.4
	August	45,083	2,150	2.68	56.26	1.3	98.0	2,922	487	12.69	76.05	.9	177.9
	September	39,511	1,795	2.80	61.55	1.2	92.5	2,454	412	12.85	76.49	.8	152.2
	October	39,628	1,808	2.74	60.11	1.3	92.4	2,190	366	13.65	81.69	.9	99.6
	November	38,003	1,732	2.74	60.17	1.3	93.4	2,347	396	14.71	87.06	.9	107.5
	December	37,089	1,694	2.74	60.05	1.4	75.4	3,487	579	14.82	89.26	.9	112.4
2011													
	January	40,454	1,876	2.90	62.55	1.3	80.9	3,152	522	14.97	90.36	1.2	146.4
	February	35,312	1,613	2.94	64.45	1.4	78.9	2,214	370	16.55	99.02	1.2	133.2
	March	35,194	1,630	2.88	62.12	1.4	78.1	2,113	351	18.02	108.57	1.1	135.4
	April	36,230	1,679	2.98	64.35	1.4	95.0	2,276	378	18.78	113.09	.8	128.4
	May	34,536	1,596	3.01	65.07	1.4	75.1	NM	NM	17.93	108.59	1.2	193.3
	June	37,565	1,722	3.05	66.55	1.4	83.7	1,886	319	19.24	113.78	.9	135.3
	July	35,632	1,646	3.0	64.96	1.4	74.5	1,692	284	19.46	115.85	1.3	130.3
	August	41,929	1,923	3.07	66.89	1.4	88.1	1,834	307	17.41	104.15	1.1	139.5
	September	37,568	1,759	2.92	62.42	1.4	83.8	1,561	262	18.80	112.19	1.0	107.7
	October	35,951	1,668	3.01	64.84	1.3	80.2	2,051	343	18.90	113.07	.9	135.5
	November	37,220	1,714	3.02	65.50	1.4	93.4	1,918	323	19.04	113.21	1.1	170.7
	December	38,753	1,814	2.94	62.83	1.5	94.2	1,869	314	19.76	117.80	1.2	150.9
2012													
	January	36,774	1,705	3.07	66.16	1.5	81.1	NM	NM	20.76	123.53	1.0	145.5
	February	36,312	1,879	2.79	53.97	1.4	99.4	NM	NM	20.90	124.46	1.0	165.1
	March	32,649	1,515	3.07	66.05	1.4	78.9	1,566	266	17.18	101.13	1.0	138.3
	April	33,555	1,537	3.27	71.34	1.6	96.7	1,153	194	21.13	125.45	.9	108.5
	May	33,906	1,551	3.31	72.35	1.6	92.3	NM	NM	20.38	121.42	.9	195.2
Year to Date													
	2010	188,182	8,507	2.78	61.44	1.3	81.6	14,347	2,387	12.86	77.31	1.0	117.5
	2011	181,726	8,394	2.94	63.67	1.4	81.2	12,336	2,047	17.10	103.04	1.1	145.3
	2012	173,197	8,187	3.10	65.49	1.5	89.2	NM	NM	20.05	119.04	1.0	148.8
Rolling 12 Months Ending in May													
	2011	462,535	21,379	2.82	61.15	1.3	87.5	NM	NM	15.03	90.18	1.0	141.8
	2012	437,815	20,432	3.04	65.32	1.4	87.2	NM	NM	19.41	115.50	1.0	143.5

Table 4.5 Reciepts Average Cost and Quality of Fossil Fuels: Industrial Sector 2002-May 2012 (continued)

		Petroleum Coke						Natural Gas						All Fossil Fuels	
		Receipts		Average Cost				Receipts		Average Cost				Average Cost	
		(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)	Percentage of Consumption	(dollars per MMBtu)		
Period															
Annual Totals															
	2002	3,846	138	.76	21.20	5.9	9.1	852,547	828,439	3.36	3.46	66.8	2.88		
	2003	16,383	594	1.04	28.74	5.7	47.3	823,681	798,996	5.32	5.48	69.9	4.20		
	2004	14,876	540	.98	27.01	5.6	40.4	839,886	814,843	6.04	6.22	68.4	4.76		
	2005	16,620	594	1.21	33.75	5.4	58.2	828,882	805,132	8.00	8.24	74.3	6.18		
	2006	17,875	646	1.63	45.05	5.4	42.7	869,157	844,211	7.02	7.22	75.7	5.64		
	2007	19,700	698	1.96	55.42	5.5	43.6	896,803	871,178	6.97	7.18	82.9	5.78		
	2008	39,246	1,396	3.34	93.84	4.9	117.9	1,099,613	1,068,372	8.96	9.22	111.9	7.10		
	2009	38,924	1,381	1.80	50.82	4.5	114.2	1,117,489	1,088,880	4.27	4.38	110.0	4.02		
	2010	35,866	1,269	2.46	69.38	4.9	100.5	1,166,768	1,135,917	4.64	4.77	110.4	4.24		
	2011	34,709	1,225	3.17	89.70	5.4	96.8	1,278,744	1,244,147	4.24	4.36	121.5	4.10		
2009															
	January	3,723	132	2.47	69.67	4.4	134.8	92,422	90,002	5.97	6.14	111.3	5.29		
	February	2,851	101	2.14	60.08	4.5	102.2	81,052	78,882	4.75	4.88	110.6	4.37		
	March	3,249	115	1.94	54.76	4.3	122.9	90,847	88,448	4.25	4.36	112.5	3.94		
	April	2,974	105	1.47	41.48	4.5	130.5	86,303	84,086	3.95	4.06	114.1	3.71		
	May	2,748	98	1.68	47.32	4.7	117.7	86,177	83,988	3.79	3.89	109.5	3.69		
	June	3,016	106	1.71	48.63	4.8	110.8	91,419	89,197	3.91	4.01	108.6	3.80		
	July	2,861	101	1.79	50.71	4.5	90.5	99,172	96,629	4.01	4.11	108.3	3.82		
	August	3,753	133	1.80	50.73	4.5	121.4	102,238	99,672	3.71	3.80	108.2	3.65		
	September	3,688	130	1.50	42.30	4.5	114.5	99,342	96,840	3.22	3.30	109.7	3.21		
	October	3,187	113	1.68	47.23	4.5	104.8	95,996	93,558	4.13	4.24	110.1	3.89		
	November	3,438	122	1.59	44.65	4.6	109.1	91,432	89,106	4.42	4.54	110.5	4.07		
	December	3,436	122	1.80	50.60	4.5	119.2	101,090	98,473	5.19	5.33	108.1	4.71		
2010															
	January	2,644	94	1.98	55.72	4.5	85.0	103,441	100,700	6.06	6.23	111.9	5.43		
	February	1,617	57	1.89	53.71	4.8	53.5	92,052	89,617	5.62	5.77	112.6	4.97		
	March	2,151	76	2.28	64.61	4.8	80.7	96,305	93,754	4.89	5.02	112.3	4.38		
	April	3,134	110	2.31	65.60	5.1	125.6	89,012	86,651	4.19	4.31	110.1	3.85		
	May	2,812	99	2.36	67.00	5.0	99.2	93,846	91,314	4.37	4.49	112.0	4.02		
	June	2,746	97	2.29	64.41	5.0	84.4	95,210	92,629	4.58	4.71	109.8	4.14		
	July	3,445	123	2.54	71.36	4.7	112.3	103,153	100,425	4.82	4.95	109.9	4.37		
	August	4,313	153	2.71	76.26	4.7	133.3	106,486	103,638	4.69	4.82	109.3	4.22		
	September	3,742	133	2.68	75.58	5.0	130.2	96,833	94,214	4.02	4.13	108.3	3.79		
	October	3,016	106	2.66	75.62	4.9	99.7	95,174	92,702	3.92	4.03	110.4	3.71		
	November	2,862	101	2.47	69.84	5.2	91.0	93,589	91,184	3.74	3.84	111.3	3.62		
	December	3,383	120	2.71	76.42	5.2	113.3	101,666	99,087	4.65	4.77	107.5	4.36		
2011															
	January	2,997	106	3.05	86.21	5.3	106.0	110,667	107,937	4.48	4.60	120.7	4.26		
	February	2,208	78	2.68	75.79	5.4	68.0	97,968	95,420	4.51	4.63	120.6	4.27		
	March	2,431	86	2.93	83.22	5.5	70.9	104,345	101,613	4.05	4.16	124.9	3.95		
	April	2,117	75	3.04	85.80	5.2	64.0	102,233	99,596	4.42	4.53	121.1	4.26		
	May	2,333	83	3.48	98.10	5.2	64.9	106,472	103,762	4.48	4.60	119.6	4.35		
	June	2,531	89	3.04	86.51	5.2	87.8	102,349	99,713	4.57	4.69	120.2	4.34		
	July	4,078	142	3.58	102.66	5.3	136.9	109,159	106,401	4.59	4.70	121.1	4.35		
	August	3,454	122	3.33	94.51	5.5	124.4	114,245	111,202	4.48	4.61	124.5	4.24		
	September	3,500	123	3.27	93.16	5.5	144.0	108,622	104,186	4.16	4.33	123.7	3.98		
	October	2,803	99	3.32	93.54	5.4	106.7	102,978	100,239	3.93	4.04	123.4	3.90		
	November	2,714	96	2.82	79.73	5.5	83.2	107,923	105,178	3.66	3.76	122.9	3.68		
	December	3,540	126	3.08	86.67	5.4	143.8	111,783	108,900	3.63	3.72	116.4	3.64		
2012															
	January	3,590	127	2.78	78.51	5.5	89.3	112,845	109,994	3.26	3.35	116.9	3.41		
	February	2,110	73	2.32	66.70	5.6	65.1	105,053	102,352	2.92	2.99	117.8	3.08		
	March	2,990	106	2.19	62.06	5.6	66.3	109,070	106,292	2.62	2.69	119.4	2.87		
	April	3,235	114	2.51	71.09	5.7	80.3	105,029	102,264	2.37	2.44	121.6	2.74		
	May	3,382	121	2.52	70.56	5.7	86.5	107,814	106,084	2.44	2.48	117.6	2.86		
Year to Date															
	2010	12,358	436	2.19	62.07	4.9	87.5	474,657	462,037	5.05	5.19	111.8	4.54		
	2011	12,087	428	3.04	85.94	5.3	73.7	521,685	508,329	4.39	4.50	121.3	4.22		
	2012	15,307	541	2.49	70.36	5.6	77.7	539,811	526,986	2.73	2.79	118.6	3.00		
Rolling 12 Months Ending in May															
	2011	35,595	1,261	2.77	78.22	5.1	94.8	1,213,795	1,182,209	4.36	4.48	114.4	4.11		
	2012	37,929	1,339	2.90	82.14	5.5	101.2	1,296,871	1,262,804	3.55	3.65	120.5	3.59		

Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, May 2012 and 2011
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	NM	316	NM	17	67	NM	242	--	--	NM	NM
Connecticut	--	81	-100.0%	--	--	--	81	--	--	--	--
Maine	3	5	-36.0%	--	--	3	4	--	--	1	1
Massachusetts	NM	162	NM	--	--	NM	157	--	--	NM	NM
New Hampshire	17	67	-75.0%	17	67	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	3,283	4,567	-28.0%	NM	NM	3,184	4,431	NM	NM	NM	132
New Jersey	61	183	-66.0%	--	--	61	183	--	--	--	--
New York	NM	332	NM	NM	NM	NM	298	NM	NM	16	31
Pennsylvania	3,175	4,052	-22.0%	--	--	3,095	3,949	NM	NM	NM	101
East North Central	13,996	15,146	-7.6%	8,722	10,068	4,780	4,668	NM	39	464	371
Illinois	4,372	4,006	9.1%	506	413	3,633	3,365	4	--	229	228
Indiana	3,065	3,472	-12.0%	2,696	3,041	349	412	NM	12	NM	NM
Michigan	2,025	2,427	-17.0%	1,972	2,364	24	12	8	22	NM	NM
Ohio	3,229	3,489	-7.5%	2,359	2,573	774	879	--	--	95	37
Wisconsin	1,306	1,751	-25.0%	1,189	1,677	--	--	NM	NM	111	69
West North Central	9,767	11,427	-15.0%	9,460	11,070	--	--	23	27	283	331
Iowa	1,773	2,111	-16.0%	1,584	1,899	--	--	NM	19	172	193
Kansas	1,336	1,712	-22.0%	1,336	1,712	--	--	--	--	--	--
Minnesota	910	1,078	-16.0%	843	1,000	--	--	--	--	NM	NM
Missouri	3,098	3,624	-15.0%	3,085	3,601	--	--	6	8	NM	15
Nebraska	930	1,103	-16.0%	909	1,078	--	--	--	--	NM	NM
North Dakota	1,601	1,649	-2.9%	1,585	1,630	--	--	--	--	NM	NM
South Dakota	118	150	-21.0%	118	150	--	--	--	--	--	--
South Atlantic	9,389	12,764	-26.0%	7,646	10,094	1,427	2,295	NM	11	308	364
Delaware	15	69	-79.0%	--	--	15	69	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	1,751	1,931	-9.3%	1,620	1,765	102	138	--	--	28	29
Georgia	2,015	2,422	-17.0%	1,981	2,348	--	--	--	--	34	74
Maryland	341	919	-63.0%	--	--	300	884	--	--	41	35
North Carolina	1,536	2,407	-36.0%	1,415	2,281	77	78	NM	NM	39	40
South Carolina	884	1,255	-30.0%	873	1,226	--	NM	--	--	11	18
Virginia	471	998	-53.0%	276	732	62	130	NM	NM	129	134
West Virginia	2,377	2,764	-14.0%	1,479	1,743	872	985	--	--	26	35
East South Central	7,741	7,378	4.9%	7,138	7,033	414	168	NM	NM	185	172
Alabama	2,075	2,208	-6.0%	2,036	2,165	NM	NM	--	--	31	35
Kentucky	3,376	3,160	6.8%	3,376	3,160	--	--	--	--	--	--
Mississippi	607	450	35.0%	200	289	407	161	--	--	--	--
Tennessee	1,684	1,560	8.0%	1,527	1,419	--	--	NM	NM	154	137
West South Central	12,370	14,139	-13.0%	6,098	7,293	6,221	6,787	--	--	NM	NM
Arkansas	1,281	1,320	-2.9%	1,155	1,095	115	214	--	--	NM	11
Louisiana	1,379	1,525	-9.6%	705	797	674	728	--	--	NM	NM
Oklahoma	1,608	1,799	-11.0%	1,442	1,645	125	108	--	--	NM	NM
Texas	8,102	9,494	-15.0%	2,796	3,757	5,306	5,737	--	--	--	--
Mountain	7,703	8,446	-8.8%	7,243	7,682	369	673	--	--	90	91
Arizona	1,693	1,967	-14.0%	1,665	1,937	--	--	--	--	NM	NM
Colorado	1,316	1,238	6.3%	1,298	1,219	NM	19	--	--	--	--
Idaho	NM	NM	NM	--	--	--	--	--	--	NM	NM
Montana	285	568	-50.0%	NM	NM	267	547	--	--	--	--
Nevada	283	254	12.0%	254	208	29	46	--	--	--	--
New Mexico	1,194	1,155	3.4%	1,194	1,155	--	--	--	--	--	--
Utah	1,134	1,365	-17.0%	1,099	1,331	NM	NM	--	--	7	5
Wyoming	1,782	1,883	-5.4%	1,716	1,812	NM	NM	--	--	38	39
Pacific Contiguous	252	228	10.0%	--	--	190	164	--	--	63	64
California	114	131	-13.0%	--	--	NM	76	--	--	55	55
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	138	97	42.0%	--	--	130	88	--	--	8	9
Pacific Noncontiguous	140	141	-0.8%	NM	NM	73	76	42	36	NM	NM
Alaska	NM	73	NM	NM	NM	NM	NM	42	36	--	--
Hawaii	67	68	-1.3%	--	--	61	61	--	--	NM	NM
U.S. Total	64,678	74,551	-13.0%	46,346	53,332	16,673	19,503	NM	119	1,551	1,596

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

4.6.B. Receipts of Coal Delivered for Electricity Generation by State, (Year-to-Date) May 2012 and 2011
(Thousand Tons)

			Electric Power Sector								
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	689	1,907	-64.0%	203	478	455	1,392	--	--	31	37
Connecticut	--	105	-100.0%	--	--	--	105	--	--	--	--
Maine	19	31	-38.0%	--	--	12	20	--	--	7	10
Massachusetts	467	1,293	-64.0%	--	--	443	1,267	--	--	24	26
New Hampshire	203	478	-58.0%	203	478	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	18,106	23,032	-21.0%	NM	NM	17,549	22,372	NM	13	536	634
New Jersey	256	878	-71.0%	--	--	256	878	--	--	--	--
New York	818	2,719	-70.0%	NM	NM	676	2,525	NM	NM	129	177
Pennsylvania	17,031	19,435	-12.0%	--	--	16,617	18,970	NM	NM	407	458
East North Central	72,478	81,941	-12.0%	44,190	50,814	26,139	28,884	164	200	1,985	2,043
Illinois	24,469	26,047	-6.1%	2,390	2,497	20,958	22,297	20	26	1,100	1,226
Indiana	15,264	18,000	-15.0%	13,651	15,804	1,502	2,074	NM	83	36	39
Michigan	8,513	10,463	-19.0%	8,302	10,187	47	53	44	64	120	159
Ohio	16,506	17,891	-7.7%	12,570	13,229	3,631	4,460	--	--	304	202
Wisconsin	7,726	9,541	-19.0%	7,277	9,097	--	--	25	27	425	416
West North Central	56,248	60,865	-7.6%	54,566	59,011	--	--	117	153	1,566	1,702
Iowa	10,142	10,276	-1.3%	9,154	9,231	--	--	89	104	900	941
Kansas	7,501	8,549	-12.0%	7,501	8,549	--	--	--	--	--	--
Minnesota	5,121	7,272	-30.0%	4,719	6,837	--	--	--	--	401	435
Missouri	17,966	18,745	-4.2%	17,901	18,616	--	--	28	49	37	79
Nebraska	5,834	5,852	-0.3%	5,706	5,714	--	--	--	--	128	138
North Dakota	9,091	9,360	-2.9%	8,991	9,252	--	--	--	--	NM	108
South Dakota	594	812	-27.0%	594	812	--	--	--	--	--	--
South Atlantic	50,386	61,586	-18.0%	40,451	49,233	8,255	10,433	NM	57	1,644	1,864
Delaware	219	210	4.0%	--	--	219	210	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	7,700	8,597	-10.0%	7,147	7,704	415	741	--	--	138	151
Georgia	9,975	12,670	-21.0%	9,723	12,298	--	--	--	--	252	372
Maryland	2,475	4,066	-39.0%	--	--	2,306	3,880	--	--	169	186
North Carolina	8,397	12,296	-32.0%	7,808	11,637	376	411	NM	42	190	208
South Carolina	5,626	6,250	-10.0%	5,511	6,080	42	57	--	--	73	113
Virginia	2,637	4,978	-47.0%	1,666	3,579	299	686	NM	15	658	698
West Virginia	13,359	12,518	6.7%	8,596	7,935	4,599	4,447	--	--	164	136
East South Central	34,936	39,854	-12.0%	32,468	37,855	1,513	1,059	NM	22	933	918
Alabama	9,784	11,490	-15.0%	9,589	11,270	35	38	--	--	160	182
Kentucky	16,335	16,679	-2.1%	16,335	16,679	--	--	--	--	--	--
Mississippi	2,623	2,359	11.0%	1,144	1,338	1,479	1,021	--	--	--	--
Tennessee	6,193	9,326	-34.0%	5,400	8,568	--	--	NM	22	773	736
West South Central	61,724	66,170	-6.7%	33,040	34,342	27,994	31,500	--	--	690	328
Arkansas	7,485	7,221	3.7%	6,262	6,161	1,168	1,000	--	--	55	60
Louisiana	6,828	6,103	12.0%	3,134	3,037	3,693	3,064	--	--	NM	NM
Oklahoma	8,519	8,834	-3.6%	7,791	8,121	521	488	--	--	207	225
Texas	38,892	44,013	-12.0%	15,853	17,022	22,612	26,949	--	--	427	NM
Mountain	42,269	45,365	-6.8%	37,836	40,441	3,958	4,424	--	--	475	501
Arizona	9,638	9,621	0.2%	9,477	9,449	--	--	--	--	161	172
Colorado	7,322	8,087	-9.5%	7,230	7,987	91	99	--	--	--	--
Idaho	80	87	-8.4%	--	--	--	--	--	--	80	87
Montana	3,416	3,827	-11.0%	NM	118	3,308	3,709	--	--	--	--
Nevada	955	1,397	-32.0%	715	1,126	240	271	--	--	--	--
New Mexico	5,490	6,267	-12.0%	5,490	6,267	--	--	--	--	--	--
Utah	4,728	6,030	-22.0%	4,527	5,829	153	164	--	--	47	38
Wyoming	10,641	10,049	5.9%	10,287	9,665	166	180	--	--	187	204
Pacific Contiguous	2,395	3,016	-21.0%	748	801	1,350	1,879	--	--	297	337
California	548	687	-20.0%	--	--	298	391	--	--	250	296
Oregon	748	801	-6.6%	748	801	--	--	--	--	--	--
Washington	1,099	1,529	-28.0%	--	--	1,052	1,488	--	--	47	40
Pacific Noncontiguous	727	844	-14.0%	NM	123	329	444	255	244	29	32
Alaska	446	451	-1.0%	NM	123	NM	84	255	244	--	--
Hawaii	281	393	-28.0%	--	--	252	361	--	--	29	32
U.S. Total	339,958	384,581	-12.0%	243,628	273,110	87,542	102,388	602	689	8,187	8,394

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(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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, May 2012 and 2011
(Thousand Barrels)

			Electric Power Sector								
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	101	NM	NM	NM	NM	59	NM	NM	NM	NM	NM
Connecticut	44	NM	NM	NM	NM	44	9	--	--	NM	NM
Maine	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Massachusetts	19	NM	NM	NM	NM	14	NM	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	93	NM	NM	NM	NM	66	156	NM	NM	18	NM
New Jersey	NM	18	NM	NM	NM	NM	13	NM	NM	NM	NM
New York	39	NM	NM	NM	NM	16	69	NM	NM	14	NM
Pennsylvania	49	76	-36.0%	NM	NM	47	73	NM	NM	NM	NM
East North Central	134	117	15.0%	58	92	20	15	NM	NM	56	6
Illinois	14	18	-24.0%	5	6	9	12	NM	NM	NM	NM
Indiana	68	29	136.0%	13	27	NM	NM	NM	NM	55	2
Michigan	33	29	15.0%	29	23	NM	NM	NM	NM	*	2
Ohio	15	34	-55.0%	9	29	6	3	--	--	*	2
Wisconsin	NM	7	NM	NM	7	NM	--	NM	NM	NM	NM
West North Central	89	66	35.0%	86	58	NM	NM	NM	NM	NM	NM
Iowa	43	14	209.0%	43	14	NM	NM	NM	NM	NM	NM
Kansas	14	7	98.0%	14	7	--	--	--	--	--	--
Minnesota	NM	NM	NM	5	NM	NM	NM	NM	NM	NM	NM
Missouri	10	22	-54.0%	10	21	--	--	NM	NM	--	NM
Nebraska	6	NM	NM	6	NM	--	--	--	--	--	--
North Dakota	NM	NM	NM	8	10	--	--	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
South Atlantic	NM	1,605	NM	NM	1,416	NM	NM	NM	NM	NM	NM
Delaware	NM	3	NM	NM	NM	NM	3	--	--	--	--
District of Columbia	7	--	NM	--	--	7	--	--	--	--	--
Florida	84	1,384	-94.0%	67	1,327	NM	NM	--	--	NM	NM
Georgia	44	NM	NM	29	NM	NM	--	NM	NM	NM	NM
Maryland	10	10	-3.4%	NM	NM	NM	7	NM	NM	3	2
North Carolina	57	NM	NM	34	23	NM	NM	NM	NM	NM	NM
South Carolina	NM	38	NM	NM	15	NM	--	NM	NM	NM	23
Virginia	NM	NM	NM	NM	15	NM	NM	1	1	NM	NM
West Virginia	29	21	36.0%	29	20	--	1	--	--	--	--
East South Central	NM	90	NM	50	45	NM	NM	--	--	NM	NM
Alabama	NM	45	NM	9	9	NM	NM	--	--	NM	NM
Kentucky	24	22	10.0%	24	22	--	--	--	--	--	--
Mississippi	6	NM	NM	5	NM	--	--	--	--	NM	NM
Tennessee	NM	NM	NM	11	14	--	--	--	--	NM	NM
West South Central	38	38	1.5%	24	9	12	20	NM	NM	NM	NM
Arkansas	14	NM	NM	12	6	1	5	--	--	NM	NM
Louisiana	NM	NM	NM	7	NM	5	5	--	--	NM	NM
Oklahoma	NM	NM	NM	NM	NM	--	--	NM	NM	NM	NM
Texas	NM	16	NM	4	3	6	11	NM	NM	NM	NM
Mountain	38	43	-10.0%	32	39	6	3	NM	NM	NM	NM
Arizona	6	14	-55.0%	5	13	--	--	NM	NM	NM	NM
Colorado	NM	NM	NM	NM	NM	--	--	NM	NM	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	4	2	157.0%	NM	NM	4	2	--	--	--	--
Nevada	3	1	107.0%	1	NM	1	1	--	--	--	--
New Mexico	16	7	127.0%	16	7	NM	--	--	NM	NM	NM
Utah	NM	9	NM	NM	9	NM	NM	--	--	--	--
Wyoming	NM	6	NM	NM	6	--	--	--	--	NM	NM
Pacific Contiguous	NM	NM	NM	7	7	NM	NM	NM	NM	NM	NM
California	6	7	-8.3%	6	6	--	NM	NM	NM	*	*
Oregon	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
Washington	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Pacific Noncontiguous	988	1,224	-19.0%	743	936	191	219	NM	NM	53	67
Alaska	143	119	20.0%	134	110	--	--	NM	NM	NM	NM
Hawaii	846	1,105	-23.0%	609	826	191	219	NM	NM	NM	60
U.S. Total	NM	3,573	NM	1,239	2,620	380	498	NM	NM	NM	NM

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NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) May 2012 and 2011
(Thousand Barrels)

			Electric Power Sector								
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	328	922	-64.0%	NM	45	147	454	NM	84	117	NM
Connecticut	66	93	-29.0%	NM	NM	65	89	--	--	NM	NM
Maine	157	582	-73.0%	NM	NM	NM	242	NM	NM	115	NM
Massachusetts	70	171	-59.0%	NM	NM	NM	122	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	11	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	862	1,481	-42.0%	262	471	488	877	NM	NM	NM	NM
New Jersey	NM	307	NM	NM	201	NM	95	NM	NM	NM	NM
New York	630	793	-21.0%	259	269	277	418	16	NM	NM	NM
Pennsylvania	203	380	-47.0%	NM	NM	192	364	NM	NM	NM	NM
East North Central	532	679	-22.0%	372	536	86	88	NM	25	72	29
Illinois	58	71	-19.0%	18	25	39	46	NM	NM	NM	NM
Indiana	142	137	3.6%	78	117	NM	NM	NM	NM	62	16
Michigan	128	174	-26.0%	103	149	20	NM	NM	21	4	4
Ohio	185	266	-30.0%	156	222	25	41	--	--	4	4
Wisconsin	19	31	-38.0%	16	24	NM	NM	NM	NM	NM	NM
West North Central	272	277	-1.7%	261	250	NM	NM	NM	NM	NM	NM
Iowa	97	59	63.0%	96	58	NM	NM	NM	NM	NM	NM
Kansas	36	37	-2.5%	36	37	--	--	--	--	--	--
Minnesota	NM	NM	NM	13	21	NM	NM	NM	NM	NM	NM
Missouri	60	78	-23.0%	60	75	--	--	NM	NM	--	NM
Nebraska	20	23	-9.4%	20	23	--	--	--	--	--	--
North Dakota	37	39	-5.6%	33	29	--	--	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
South Atlantic	1,532	5,113	-70.0%	843	4,006	NM	285	NM	NM	NM	816
Delaware	20	35	-43.0%	NM	NM	20	35	--	--	--	--
District of Columbia	11	*	NM	--	--	11	*	--	--	--	--
Florida	290	3,252	-91.0%	196	2,999	NM	58	--	--	NM	195
Georgia	270	317	-15.0%	157	102	NM	4	NM	NM	112	211
Maryland	120	107	12.0%	NM	NM	53	93	NM	NM	64	10
North Carolina	258	NM	NM	152	121	NM	NM	NM	NM	103	NM
South Carolina	NM	245	NM	NM	99	NM	--	NM	NM	117	146
Virginia	NM	712	NM	NM	554	NM	70	3	3	NM	NM
West Virginia	94	150	-38.0%	84	128	10	22	--	--	--	--
East South Central	NM	573	NM	165	247	NM	11	--	--	NM	315
Alabama	NM	333	NM	NM	45	NM	11	--	--	NM	278
Kentucky	85	111	-23.0%	85	111	--	--	--	--	--	--
Mississippi	NM	56	NM	8	46	--	--	--	--	NM	NM
Tennessee	49	73	-33.0%	36	45	--	--	--	--	NM	NM
West South Central	133	208	-36.0%	64	96	48	79	NM	NM	NM	NM
Arkansas	46	40	15.0%	32	10	10	21	--	--	NM	NM
Louisiana	NM	51	NM	12	26	11	13	--	--	NM	NM
Oklahoma	NM	NM	NM	NM	NM	--	--	NM	NM	NM	NM
Texas	57	115	-50.0%	18	59	28	44	NM	NM	NM	NM
Mountain	192	198	-3.1%	172	177	15	15	NM	NM	NM	NM
Arizona	40	52	-23.0%	36	48	--	--	NM	NM	NM	NM
Colorado	16	22	-28.0%	15	21	*	--	NM	NM	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	10	12	-18.0%	NM	NM	9	11	--	--	--	--
Nevada	17	8	103.0%	13	6	4	3	--	--	--	--
New Mexico	50	29	73.0%	50	29	NM	--	--	NM	NM	NM
Utah	26	33	-22.0%	25	32	NM	NM	--	--	--	--
Wyoming	34	42	-18.0%	33	41	--	--	--	--	NM	NM
Pacific Contiguous	90	111	-18.0%	32	35	31	12	NM	NM	NM	NM
California	55	26	115.0%	28	23	26	NM	NM	NM	1	2
Oregon	NM	NM	NM	NM	6	--	--	--	--	NM	NM
Washington	NM	NM	NM	NM	NM	6	12	NM	NM	NM	NM
Pacific Noncontiguous	5,485	5,993	-8.5%	4,466	4,719	755	964	12	NM	252	299
Alaska	723	682	6.0%	679	637	--	--	NM	NM	34	35
Hawaii	4,763	5,311	-10.0%	3,787	4,081	755	964	2	NM	218	264
U.S. Total	9,808	15,554	-37.0%	6,667	10,581	1,730	2,786	NM	140	NM	2,047

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, May 2012 and 2011
(Thousand Tons)

			Electric Power Sector								
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	NM	10	NM	--	--	NM	9	--	--	NM	NM
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	NM	9	NM	--	--	NM	9	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	37	75	-50.0%	8	7	4	37	--	--	NM	30
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	NM	12	NM	NM	NM	4	2	--	--	NM	NM
Ohio	NM	48	NM	--	--	--	35	--	--	NM	12
Wisconsin	19	15	26.0%	8	7	--	--	--	--	11	8
West North Central	NM	NM	NM	NM	2	--	--	--	NM	--	--
Iowa	NM	NM	NM	NM	2	--	--	--	NM	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	58	135	-57.0%	31	113	--	--	--	--	27	23
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	31	113	-72.0%	31	113	--	--	--	--	--	--
Georgia	27	23	18.0%	--	--	--	--	--	--	27	23
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	36	36	-0.9%	36	36	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	36	36	-0.9%	36	36	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	120	91	32.0%	57	70	--	--	--	--	62	21
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	70	90	-22.0%	57	70	--	--	--	--	NM	19
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	49	NM	NM	--	--	--	--	--	--	49	NM
Mountain	15	25	-41.0%	--	--	15	25	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	15	25	-41.0%	--	--	15	25	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	NM	36	NM	--	--	NM	27	--	--	NM	NM
California	NM	36	NM	--	--	NM	27	--	--	NM	NM
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	281	411	-32.0%	134	228	26	99	--	NM	121	83

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Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) May 2012 and 2011
(Thousand Tons)

			Electric Power Sector								
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	NM	14	NM	--	--	NM	11	--	--	NM	NM
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	NM	11	NM	--	--	NM	11	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	184	282	-35.0%	23	55	6	43	--	--	156	184
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	50	62	-19.0%	NM	NM	6	7	--	--	42	51
Ohio	52	99	-48.0%	--	--	--	35	--	--	52	63
Wisconsin	82	121	-32.0%	21	52	--	--	--	--	62	70
West North Central	NM	11	NM	NM	6	--	--	5	NM	--	--
Iowa	NM	9	NM	NM	3	--	--	5	NM	--	--
Kansas	--	3	-100.0%	--	3	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	321	491	-35.0%	235	405	--	--	--	--	87	86
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	235	405	-42.0%	235	405	--	--	--	--	--	--
Georgia	87	86	1.0%	--	--	--	--	--	--	87	86
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	205	153	34.0%	205	153	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	205	153	34.0%	205	153	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	697	657	6.1%	427	536	NM	NM	--	--	260	110
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	510	638	-20.0%	427	536	--	--	--	--	83	102
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	186	NM	NM	--	--	NM	NM	--	--	175	NM
Mountain	103	112	-7.3%	--	--	103	112	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	103	112	-7.3%	--	--	103	112	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	118	185	-36.0%	--	--	82	140	--	--	NM	45
California	118	185	-36.0%	--	--	82	140	--	--	NM	45
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	1,656	1,904	-13.0%	891	1,154	219	316	5	NM	541	428

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Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, May 2012 and 2011
(Million Cubic Feet)

			Electric Power Sector								
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	37,018	36,786	0.6%	315	199	33,221	33,116	872	873	2,609	2,597
Connecticut	8,142	8,698	-6.4%	94	55	7,545	8,221	140	106	364	317
Maine	2,711	4,713	-42.0%	--	--	869	2,785	NM	NM	1,840	1,927
Massachusetts	15,821	14,158	12.0%	217	135	14,657	13,107	570	589	377	327
New Hampshire	4,585	3,890	18.0%	*	2	4,556	3,862	--	--	NM	NM
Rhode Island	5,756	5,319	8.2%	--	--	5,595	5,142	161	177	--	--
Vermont	3	7	-53.0%	3	7	--	--	--	--	--	--
Middle Atlantic	97,098	76,592	27.0%	11,457	9,634	83,063	64,522	639	605	1,939	1,830
New Jersey	22,128	16,624	33.0%	--	--	21,236	15,813	140	126	752	685
New York	43,452	33,575	29.0%	11,439	9,622	31,188	23,139	429	424	395	391
Pennsylvania	31,518	26,392	19.0%	18	12	30,639	25,570	69	NM	792	755
East North Central	65,476	33,315	97.0%	22,226	7,594	39,199	22,516	1,098	820	2,952	2,385
Illinois	8,164	5,877	39.0%	456	380	6,532	4,180	341	528	835	789
Indiana	12,501	6,992	79.0%	8,620	3,415	2,672	2,527	106	100	1,103	950
Michigan	20,753	8,188	153.0%	3,380	802	16,473	7,078	461	54	441	253
Ohio	13,493	7,674	76.0%	4,519	883	8,781	6,608	--	--	193	183
Wisconsin	10,564	4,584	130.0%	5,251	2,113	4,742	2,123	NM	138	381	210
West North Central	18,939	6,076	212.0%	15,208	4,862	2,981	678	317	173	433	364
Iowa	1,404	425	231.0%	1,348	386	NM	NM	NM	NM	NM	NM
Kansas	4,404	1,630	170.0%	4,394	1,627	--	--	--	--	NM	NM
Minnesota	6,545	1,668	292.0%	4,874	861	1,172	396	NM	123	325	288
Missouri	5,413	2,123	155.0%	3,487	1,810	1,809	281	111	27	NM	NM
Nebraska	825	134	517.0%	824	133	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
South Dakota	279	NM	NM	279	NM	--	--	--	--	--	--
South Atlantic	196,947	146,637	34.0%	142,438	113,442	48,344	27,952	NM	NM	5,714	4,971
Delaware	5,660	4,128	37.0%	37	27	5,147	3,134	--	--	477	967
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	110,932	97,128	14.0%	96,082	85,191	12,041	9,486	NM	NM	2,534	2,180
Georgia	30,689	16,827	82.0%	17,146	8,580	12,219	7,441	--	--	1,323	805
Maryland	8,770	2,793	214.0%	--	--	8,132	2,612	124	NM	514	181
North Carolina	13,477	8,350	61.0%	10,992	6,698	2,153	1,425	NM	NM	NM	NM
South Carolina	11,175	8,875	26.0%	8,775	7,535	2,349	1,219	NM	NM	NM	120
Virginia	15,886	8,122	96.0%	9,382	5,348	6,070	2,374	--	--	NM	NM
West Virginia	357	414	-14.0%	23	63	233	259	--	--	101	92
East South Central	86,584	54,062	60.0%	47,286	30,643	35,609	20,041	NM	NM	3,524	3,230
Alabama	41,123	26,608	55.0%	10,721	10,029	27,854	14,518	--	--	2,548	2,061
Kentucky	5,482	2,177	152.0%	4,678	1,623	504	145	--	--	300	409
Mississippi	33,383	20,323	64.0%	25,536	14,393	7,251	5,379	NM	NM	NM	NM
Tennessee	6,595	4,954	33.0%	6,351	4,598	--	--	129	113	115	243
West South Central	292,954	244,294	20.0%	82,426	64,505	137,530	106,391	NM	NM	72,370	72,759
Arkansas	12,369	8,158	52.0%	2,764	2,349	8,943	4,998	NM	NM	NM	NM
Louisiana	57,634	52,071	11.0%	24,713	22,731	9,610	5,100	NM	NM	23,256	24,187
Oklahoma	32,548	19,575	66.0%	21,514	14,502	10,448	4,524	NM	NM	NM	NM
Texas	190,403	164,490	16.0%	33,435	24,924	108,529	91,767	NM	NM	48,024	47,363
Mountain	56,162	39,137	44.0%	35,098	22,927	NM	NM	NM	NM	NM	NM
Arizona	17,236	9,837	75.0%	10,799	4,929	6,256	NM	NM	NM	NM	NM
Colorado	8,068	7,167	13.0%	4,415	3,055	NM	NM	--	NM	NM	NM
Idaho	400	281	43.0%	244	89	NM	130	--	--	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	NM	NM	NM	12,229	8,706	NM	NM	NM	NM	NM	NM
New Mexico	NM	NM	NM	3,856	3,326	NM	NM	NM	NM	NM	--
Utah	NM	NM	NM	3,431	2,787	644	171	NM	--	NM	NM
Wyoming	1,995	543	267.0%	NM	NM	NM	NM	--	--	1,904	515
Pacific Contiguous	NM	NM	NM	24,158	12,302	NM	NM	NM	NM	NM	NM
California	NM	NM	NM	23,218	11,753	NM	NM	NM	NM	NM	NM
Oregon	1,725	1,552	11.0%	96	228	1,488	1,123	--	--	NM	201
Washington	1,870	1,306	43.0%	844	321	656	742	NM	73	273	171
Pacific Noncontiguous	3,153	3,116	1.2%	3,091	3,071	--	--	NM	NM	NM	NM
Alaska	3,153	3,116	1.2%	3,091	3,071	--	--	NM	NM	NM	NM
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	937,894	695,061	35.0%	383,704	269,180	442,289	315,028	NM	NM	106,084	103,762

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Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) May 2012 and 2011
(Million Cubic Feet)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	178,295	178,671	-0.2%	1,011	1,234	159,085	159,770	4,685	4,839	13,513	12,829
Connecticut	41,996	39,830	5.4%	352	269	39,088	37,258	731	592	1,826	1,711
Maine	20,169	20,956	-3.8%	--	--	10,506	11,750	NM	NM	9,656	9,202
Massachusetts	69,657	73,447	-5.2%	584	685	64,093	67,733	3,097	3,253	1,883	1,776
New Hampshire	21,845	19,788	10.0%	59	258	21,636	19,390	--	--	NM	140
Rhode Island	24,612	24,628	-0.1%	--	--	23,761	23,639	851	989	--	--
Vermont	16	21	-24.0%	16	21	--	--	--	--	--	--
Middle Atlantic	433,472	350,737	24.0%	46,510	45,766	372,860	291,050	3,947	3,737	10,155	10,184
New Jersey	86,895	78,061	11.0%	--	--	82,231	73,559	726	698	3,937	3,805
New York	182,660	157,046	16.0%	46,445	45,727	131,135	106,307	2,901	2,761	2,179	2,251
Pennsylvania	163,917	115,630	42.0%	65	39	159,494	111,184	NM	278	4,038	4,128
East North Central	286,619	156,963	83.0%	92,903	39,389	170,279	97,739	6,811	4,894	16,626	14,941
Illinois	30,248	20,953	44.0%	847	680	22,267	12,766	2,784	3,152	4,350	4,355
Indiana	56,290	40,820	38.0%	38,723	21,534	10,983	12,743	555	550	6,028	5,993
Michigan	91,604	43,069	113.0%	15,421	2,590	71,060	38,110	2,147	235	2,976	2,134
Ohio	68,752	33,268	107.0%	17,484	6,766	50,242	25,554	--	--	1,026	949
Wisconsin	39,725	18,853	111.0%	20,427	7,820	15,727	8,566	1,326	957	2,245	1,511
West North Central	58,558	33,359	76.0%	46,646	25,568	7,023	4,151	2,127	1,086	2,763	2,554
Iowa	4,123	2,640	56.0%	3,777	2,242	NM	NM	226	177	118	220
Kansas	11,414	7,281	57.0%	11,385	7,278	--	--	--	--	NM	NM
Minnesota	22,951	10,937	110.0%	16,947	6,011	2,700	2,143	1,260	868	2,044	1,915
Missouri	17,612	11,283	56.0%	12,624	9,215	4,322	2,007	637	40	NM	NM
Nebraska	1,369	664	106.0%	1,367	661	--	NM	NM	NM	--	--
North Dakota	549	402	37.0%	NM	NM	--	--	--	--	543	395
South Dakota	540	153	254.0%	540	153	--	--	--	--	--	--
South Atlantic	820,445	604,847	36.0%	598,052	465,035	187,412	116,887	1,883	NM	33,099	21,580
Delaware	29,059	12,704	129.0%	144	98	22,484	11,639	--	--	6,431	967
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	465,376	410,060	13.0%	407,842	364,962	43,983	33,126	NM	NM	12,201	10,636
Georgia	118,439	66,187	79.0%	64,487	31,062	46,972	30,432	--	--	6,979	4,693
Maryland	23,861	7,497	218.0%	--	--	21,815	6,554	361	NM	1,684	942
North Carolina	60,410	26,178	131.0%	47,787	18,144	9,938	6,713	NM	NM	2,518	NM
South Carolina	45,140	35,989	25.0%	36,192	31,587	8,707	3,883	NM	NM	NM	518
Virginia	76,728	45,161	70.0%	41,451	19,075	32,761	24,099	--	--	2,517	NM
West Virginia	1,433	1,071	34.0%	148	107	753	441	--	--	531	523
East South Central	354,284	235,105	51.0%	191,530	129,876	144,795	88,092	832	790	17,127	16,347
Alabama	178,808	124,470	44.0%	46,941	42,547	120,156	71,285	--	--	11,712	10,638
Kentucky	16,947	6,695	153.0%	14,269	4,418	951	191	--	--	1,727	2,086
Mississippi	135,777	91,639	48.0%	109,156	72,346	23,689	16,616	NM	NM	2,757	2,504
Tennessee	22,751	12,302	85.0%	21,164	10,564	--	--	656	618	931	1,119
West South Central	1,260,665	1,097,497	15.0%	303,326	266,406	594,082	469,305	3,081	3,028	360,176	358,758
Arkansas	54,148	37,988	43.0%	7,688	6,671	42,159	26,436	NM	NM	4,294	4,876
Louisiana	234,000	230,451	1.5%	83,632	89,693	38,092	27,710	NM	NM	112,005	112,784
Oklahoma	127,187	90,170	41.0%	87,223	66,903	36,898	20,457	NM	NM	2,303	NM
Texas	845,330	738,889	14.0%	124,782	103,139	476,934	394,702	2,042	2,025	241,573	239,023
Mountain	243,132	190,017	28.0%	143,683	105,336	89,785	77,324	NM	NM	NM	NM
Arizona	80,611	49,734	62.0%	39,849	21,058	40,242	28,188	NM	NM	NM	NM
Colorado	33,124	32,884	0.7%	19,276	15,250	NM	17,511	NM	NM	NM	NM
Idaho	5,381	2,905	85.0%	634	363	3,953	1,512	--	--	794	1,030
Montana	223	86	160.0%	NM	NM	NM	NM	--	--	NM	NM
Nevada	67,883	58,666	16.0%	48,469	38,846	NM	NM	NM	NM	NM	NM
New Mexico	28,799	26,117	10.0%	17,781	15,811	NM	NM	NM	NM	NM	NM
Utah	21,528	16,027	34.0%	17,342	13,859	2,660	1,193	NM	NM	NM	NM
Wyoming	5,584	3,598	55.0%	220	114	NM	NM	--	--	5,324	3,469
Pacific Contiguous	453,499	330,511	37.0%	130,804	82,561	249,048	168,557	NM	NM	NM	NM
California	399,225	301,509	32.0%	107,228	74,806	221,818	150,669	NM	NM	NM	NM
Oregon	34,983	17,736	97.0%	11,050	3,180	22,841	13,482	--	--	1,091	1,073
Washington	19,291	11,266	71.0%	12,526	4,575	4,389	4,405	752	516	1,624	1,770
Pacific Noncontiguous	17,424	16,803	3.7%	16,968	16,481	--	--	NM	NM	444	305
Alaska	17,424	16,803	3.7%	16,968	16,481	--	--	NM	NM	444	305
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	4,106,392	3,194,509	29.0%	1,571,434	1,177,652	1,974,370	1,472,874	NM	NM	526,986	508,329

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Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, May 2012 and 2011
(Dollar per MMBTU)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
New England	W	3.85	W	4.14	3.93	W	3.83
Connecticut	--	W	W	--	--	--	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.14	3.93	5.3%	4.14	3.93	--	--
Rhode Island	--	--	NM	--	--	--	--
Vermont	--	--	NM	--	--	--	--
Middle Atlantic	2.43	2.67	-9.0%	NM	NM	2.43	2.67
New Jersey	W	4.08	W	--	--	W	4.08
New York	W	3.16	W	NM	NM	W	3.15
Pennsylvania	2.38	2.56	-7.0%	--	--	2.38	2.56
East North Central	2.44	2.37	3.0%	2.55	2.50	2.19	2.07
Illinois	1.98	1.75	13.0%	2.12	2.05	1.96	1.71
Indiana	W	W	W	2.62	2.47	W	W
Michigan	W	W	W	2.92	2.88	W	W
Ohio	2.49	2.43	2.5%	2.37	2.25	2.84	3.01
Wisconsin	2.38	2.57	-7.4%	2.38	2.57	--	--
West North Central	1.75	1.68	4.2%	1.75	1.68	--	--
Iowa	1.52	1.49	2.0%	1.52	1.49	--	--
Kansas	1.88	1.76	6.8%	1.88	1.76	--	--
Minnesota	2.01	1.99	1.0%	2.01	1.99	--	--
Missouri	1.84	1.72	7.0%	1.84	1.72	--	--
Nebraska	1.59	1.70	-6.5%	1.59	1.70	--	--
North Dakota	1.60	1.44	11.0%	1.60	1.44	--	--
South Dakota	2.17	2.07	4.8%	2.17	2.07	--	--
South Atlantic	3.40	3.42	-0.6%	3.50	3.50	2.86	3.11
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	NM	--	--	--	--
Florida	3.61	3.67	-1.6%	3.55	3.64	4.44	4.09
Georgia	3.61	3.88	-7.0%	3.61	3.88	--	--
Maryland	3.50	3.77	-7.2%	--	--	3.50	3.77
North Carolina	3.84	W	W	3.85	3.62	3.62	W
South Carolina	3.90	W	W	3.90	3.83	--	W
Virginia	W	3.54	W	3.76	3.52	W	3.63
West Virginia	2.55	2.38	7.1%	2.71	2.49	2.28	2.17
East South Central	W	W	W	2.71	2.68	W	W
Alabama	W	W	W	3.08	2.97	W	W
Kentucky	2.45	2.37	3.4%	2.45	2.37	--	--
Mississippi	W	W	W	4.67	3.72	W	W
Tennessee	2.52	2.80	-10.0%	2.52	2.80	--	--
West South Central	1.99	1.89	5.3%	2.02	1.93	1.96	1.84
Arkansas	W	W	W	2.17	1.83	W	W
Louisiana	W	W	W	2.81	2.69	W	W
Oklahoma	W	W	W	1.91	1.73	W	W
Texas	1.88	1.83	2.7%	1.82	1.90	1.91	1.78
Mountain	1.83	1.81	1.1%	1.85	1.82	1.41	1.70
Arizona	2.08	1.93	7.8%	2.08	1.93	--	--
Colorado	W	W	W	1.80	1.78	W	W
Idaho	--	--	NM	--	--	--	--
Montana	1.20	1.64	-27.0%	NM	NM	1.18	1.64
Nevada	W	W	W	2.45	2.62	W	W
New Mexico	2.16	2.11	2.4%	2.16	2.11	--	--
Utah	W	W	W	1.77	1.80	W	W
Wyoming	W	W	W	1.36	1.42	W	W
Pacific Contiguous	2.67	W	W	--	--	2.67	W
California	W	3.18	W	--	--	W	3.18
Oregon	--	--	NM	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	NM	NM	W	W
Alaska	W	W	W	NM	NM	W	W
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.41	2.42	-0.4%	2.46	2.45	2.26	2.36

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NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, (Year-to-Date) May 2012 and 2011
(Dollar per MMBTU)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
New England	4.09	3.69	11.0%	3.98	3.54	4.14	3.74
Connecticut	--	W	W	--	--	--	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	3.73	W	--	--	W	3.73
New Hampshire	3.98	3.54	12.0%	3.98	3.54	--	--
Rhode Island	--	--	NM	--	--	--	--
Vermont	--	--	NM	--	--	--	--
Middle Atlantic	2.57	2.68	-4.1%	NM	4.16	2.57	2.68
New Jersey	W	4.18	W	--	--	W	4.18
New York	W	3.20	W	NM	4.16	W	3.20
Pennsylvania	2.51	2.54	-1.2%	--	--	2.51	2.54
East North Central	2.39	2.27	5.3%	2.51	2.41	2.15	1.98
Illinois	1.94	1.72	13.0%	2.11	2.07	1.92	1.67
Indiana	W	W	W	2.60	2.38	W	W
Michigan	W	W	W	2.92	2.74	W	W
Ohio	2.52	2.43	3.7%	2.37	2.25	3.03	3.02
Wisconsin	2.29	2.47	-7.3%	2.29	2.47	--	--
West North Central	1.73	1.62	6.8%	1.73	1.62	--	--
Iowa	1.48	1.41	5.0%	1.48	1.41	--	--
Kansas	1.83	1.72	6.4%	1.83	1.72	--	--
Minnesota	1.95	1.92	1.6%	1.95	1.92	--	--
Missouri	1.86	1.69	10.0%	1.86	1.69	--	--
Nebraska	1.56	1.51	3.3%	1.56	1.51	--	--
North Dakota	1.51	1.32	14.0%	1.51	1.32	--	--
South Dakota	2.28	2.09	9.1%	2.28	2.09	--	--
South Atlantic	3.37	3.39	-0.6%	3.47	3.46	2.90	3.08
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	NM	--	--	--	--
Florida	3.55	3.59	-1.1%	3.50	3.55	4.43	4.02
Georgia	3.55	3.78	-6.1%	3.55	3.78	--	--
Maryland	3.52	3.67	-4.1%	--	--	3.52	3.67
North Carolina	3.81	3.59	6.1%	3.82	3.59	3.51	3.42
South Carolina	W	W	W	4.02	3.75	W	W
Virginia	3.74	3.47	7.8%	3.74	3.45	3.72	3.60
West Virginia	2.50	2.39	4.6%	2.65	2.50	2.22	2.18
East South Central	W	W	W	2.70	2.58	W	W
Alabama	W	W	W	3.01	2.79	W	W
Kentucky	2.44	2.31	5.6%	2.44	2.31	--	--
Mississippi	W	W	W	4.42	3.83	W	W
Tennessee	2.63	2.69	-2.2%	2.63	2.69	--	--
West South Central	2.05	1.87	9.6%	2.06	1.90	2.05	1.83
Arkansas	W	W	W	2.08	1.82	W	W
Louisiana	W	W	W	2.73	2.63	W	W
Oklahoma	W	W	W	1.98	1.72	W	W
Texas	1.99	1.84	8.2%	1.95	1.90	2.02	1.79
Mountain	1.82	1.77	2.8%	1.86	1.80	1.38	1.47
Arizona	2.05	1.92	6.8%	2.05	1.92	--	--
Colorado	W	W	W	1.84	1.70	W	W
Idaho	--	--	NM	--	--	--	--
Montana	1.26	W	W	1.64	1.59	1.25	W
Nevada	W	W	W	2.59	2.59	W	W
New Mexico	2.22	2.02	9.9%	2.22	2.02	--	--
Utah	W	W	W	1.91	1.84	W	W
Wyoming	W	W	W	1.41	1.48	W	W
Pacific Contiguous	2.31	2.27	1.8%	1.89	1.81	2.53	2.45
California	W	W	W	--	--	W	W
Oregon	1.89	1.81	4.4%	1.89	1.81	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	1.68	1.64	W	W
Alaska	W	W	W	1.68	1.64	W	W
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.40	2.36	1.7%	2.43	2.38	2.31	2.29

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Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, May 2012 and 2011
(Dollar per MMBTU)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
New England	W	W	W	22.20	23.26	W	W
Connecticut	W	22.14	W	NM	NM	W	22.12
Maine	W	W	W	NM	NM	W	W
Massachusetts	23.16	23.75	-2.5%	NM	NM	23.33	23.83
New Hampshire	W	W	W	NM	NM	W	W
Rhode Island	W	W	W	NM	NM	W	W
Vermont	NM	NM	NM	NM	NM	--	--
Middle Atlantic	22.29	20.89	6.7%	21.41	21.68	22.38	20.84
New Jersey	22.88	19.85	15.0%	NM	NM	22.78	19.83
New York	22.88	19.52	17.0%	21.21	22.50	23.53	19.25
Pennsylvania	21.95	22.63	-3.0%	NM	NM	21.95	22.63
East North Central	23.28	23.34	-0.3%	22.91	23.14	24.37	24.57
Illinois	23.99	24.75	-3.1%	24.16	24.34	23.91	24.96
Indiana	W	W	W	22.81	22.90	W	W
Michigan	W	W	W	22.82	23.93	W	W
Ohio	W	W	W	22.45	22.58	W	W
Wisconsin	W	22.75	W	23.75	22.75	W	--
West North Central	22.66	23.50	-3.6%	22.65	23.50	NM	NM
Iowa	W	W	W	22.50	23.56	W	W
Kansas	21.97	22.72	-3.3%	21.97	22.72	--	--
Minnesota	W	W	W	23.59	24.67	W	W
Missouri	23.16	22.92	1.0%	23.16	22.92	--	--
Nebraska	22.51	NM	NM	22.51	NM	--	--
North Dakota	23.38	24.37	-4.1%	23.38	24.37	--	--
South Dakota	W	W	W	NM	NM	W	W
South Atlantic	22.02	16.64	32.0%	22.30	16.58	NM	21.15
Delaware	21.66	24.27	-11.0%	NM	NM	21.66	24.28
District of Columbia	W	--	W	--	--	W	--
Florida	W	16.28	W	22.75	16.28	W	NM
Georgia	W	NM	W	23.72	NM	W	--
Maryland	21.43	21.85	-1.9%	NM	NM	21.39	21.81
North Carolina	22.29	W	W	22.29	21.92	NM	W
South Carolina	W	19.91	W	NM	19.91	W	--
Virginia	NM	19.12	NM	NM	18.23	NM	21.34
West Virginia	21.94	W	W	21.94	23.26	--	W
East South Central	W	W	W	22.30	23.36	W	W
Alabama	W	W	W	22.39	22.35	W	W
Kentucky	22.40	24.53	-8.7%	22.40	24.53	--	--
Mississippi	NM	NM	NM	NM	NM	--	--
Tennessee	22.25	22.23	0.1%	22.25	22.23	--	--
West South Central	22.26	23.56	-5.5%	22.30	24.66	22.19	23.08
Arkansas	W	W	W	23.06	22.84	W	W
Louisiana	W	W	W	21.20	NM	W	W
Oklahoma	NM	NM	NM	NM	NM	--	--
Texas	W	W	W	21.99	28.96	W	W
Mountain	24.26	24.82	-2.3%	25.0	24.89	19.61	23.80
Arizona	23.51	24.42	-3.7%	23.51	24.42	--	--
Colorado	24.21	24.20	0.0%	24.21	24.20	--	--
Idaho	NM	NM	NM	NM	NM	--	--
Montana	W	W	W	NM	NM	W	W
Nevada	W	W	W	26.47	NM	W	W
New Mexico	W	26.75	W	25.71	26.75	W	--
Utah	W	W	W	24.31	23.99	W	W
Wyoming	24.64	25.52	-3.4%	24.64	25.52	--	--
Pacific Contiguous	W	26.06	W	25.61	26.09	W	NM
California	25.42	W	W	25.42	26.04	--	W
Oregon	NM	NM	NM	NM	NM	--	--
Washington	W	W	W	NM	NM	W	W
Pacific Noncontiguous	W	W	W	24.0	21.85	W	W
Alaska	24.06	24.39	-1.4%	24.06	24.39	--	--
Hawaii	W	W	W	23.99	21.55	W	W
U.S. Total	23.46	19.47	20.0%	23.46	19.10	23.47	21.50

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Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) May 2012 and (Dollar per MMBTU)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
New England	W	17.67	W	23.44	22.23	W	17.25
Connecticut	20.51	W	W	NM	21.92	20.48	W
Maine	W	W	W	NM	NM	W	W
Massachusetts	23.51	19.37	21.0%	NM	22.45	23.53	19.01
New Hampshire	W	W	W	23.48	22.0	W	W
Rhode Island	W	W	W	NM	22.37	W	W
Vermont	NM	22.01	NM	NM	22.01	--	--
Middle Atlantic	21.82	19.13	14.0%	20.03	17.34	22.82	20.15
New Jersey	23.77	17.31	37.0%	NM	16.15	23.73	19.87
New York	21.31	18.30	16.0%	19.99	18.22	22.58	18.36
Pennsylvania	23.08	22.37	3.2%	NM	NM	23.08	22.38
East North Central	W	W	W	23.23	21.76	W	W
Illinois	24.47	23.49	4.2%	24.18	22.63	24.61	23.95
Indiana	W	W	W	23.57	21.46	W	W
Michigan	W	W	W	22.98	21.76	W	W
Ohio	23.23	21.70	7.1%	23.16	21.81	23.62	21.10
Wisconsin	W	W	W	22.77	21.92	W	W
West North Central	23.23	22.50	3.2%	23.23	22.50	NM	NM
Iowa	W	W	W	23.02	22.73	W	W
Kansas	22.82	21.97	3.9%	22.82	21.97	--	--
Minnesota	W	W	W	24.10	22.81	W	W
Missouri	23.34	21.98	6.2%	23.34	21.98	--	--
Nebraska	22.87	22.62	1.1%	22.87	22.62	--	--
North Dakota	23.80	23.22	2.5%	23.80	23.22	--	--
South Dakota	W	W	W	24.78	24.45	W	W
South Atlantic	W	W	W	23.08	17.39	W	W
Delaware	W	21.69	W	NM	NM	W	21.69
District of Columbia	W	W	W	--	--	W	W
Florida	23.14	17.02	36.0%	23.09	16.96	23.98	20.0
Georgia	24.56	W	W	24.56	22.18	NM	W
Maryland	23.06	20.24	14.0%	NM	21.63	23.07	20.19
North Carolina	23.25	21.27	9.3%	23.25	21.29	NM	NM
South Carolina	W	19.76	W	22.02	19.76	W	--
Virginia	NM	17.01	NM	NM	16.60	NM	20.51
West Virginia	W	W	W	23.24	22.38	W	W
East South Central	W	W	W	23.02	20.22	W	W
Alabama	W	W	W	23.16	21.98	W	W
Kentucky	23.15	23.11	0.2%	23.15	23.11	--	--
Mississippi	22.11	11.95	85.0%	22.11	11.95	--	--
Tennessee	22.78	20.88	9.1%	22.78	20.88	--	--
West South Central	23.15	W	W	23.08	18.68	23.25	W
Arkansas	W	W	W	23.10	20.19	W	W
Louisiana	W	W	W	22.39	12.35	W	W
Oklahoma	24.83	NM	NM	24.83	NM	--	--
Texas	W	21.83	W	23.32	21.47	W	22.32
Mountain	24.12	23.26	3.7%	24.32	23.48	21.59	20.34
Arizona	25.15	23.80	5.7%	25.15	23.80	--	--
Colorado	W	21.56	W	22.99	21.56	W	--
Idaho	NM	NM	NM	NM	NM	--	--
Montana	W	W	W	NM	NM	W	W
Nevada	W	W	W	25.21	22.29	W	W
New Mexico	W	25.18	W	25.64	25.18	W	--
Utah	W	W	W	23.38	23.35	W	W
Wyoming	22.38	23.18	-3.5%	22.38	23.18	--	--
Pacific Contiguous	25.10	W	W	25.85	23.68	24.30	W
California	W	22.98	W	25.72	22.96	W	NM
Oregon	NM	25.17	NM	NM	25.17	--	--
Washington	W	W	W	26.68	24.89	W	W
Pacific Noncontiguous	W	W	W	22.94	19.47	W	W
Alaska	24.40	22.15	10.0%	24.40	22.15	--	--
Hawaii	W	W	W	22.71	19.10	W	W
U.S. Total	23.05	19.02	21.0%	22.92	18.84	23.57	19.69

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, May 2012 and 2011
(Dollar per MMBTU)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
New England	--	--	NM	--	--	--	--
Connecticut	--	--	NM	--	--	--	--
Maine	--	--	NM	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--
Vermont	--	--	NM	--	--	--	--
Middle Atlantic	W	W	W	--	--	W	W
New Jersey	--	--	NM	--	--	--	--
New York	W	W	W	--	--	W	W
Pennsylvania	--	--	NM	--	--	--	--
East North Central	W	W	W	1.68	1.67	W	W
Illinois	--	--	NM	--	--	--	--
Indiana	--	--	NM	--	--	--	--
Michigan	W	W	W	NM	NM	W	W
Ohio	--	W	W	--	--	--	W
Wisconsin	1.69	1.60	5.6%	1.69	1.60	--	--
West North Central	NM	1.69	NM	NM	1.69	--	--
Iowa	NM	1.69	NM	NM	1.69	--	--
Kansas	--	--	NM	--	--	--	--
Minnesota	--	--	NM	--	--	--	--
Missouri	--	--	NM	--	--	--	--
Nebraska	--	--	NM	--	--	--	--
North Dakota	--	--	NM	--	--	--	--
South Dakota	--	--	NM	--	--	--	--
South Atlantic	2.59	4.57	-43.0%	2.59	4.57	--	--
Delaware	--	--	NM	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--
Florida	2.59	4.57	-43.0%	2.59	4.57	--	--
Georgia	--	--	NM	--	--	--	--
Maryland	--	--	NM	--	--	--	--
North Carolina	--	--	NM	--	--	--	--
South Carolina	--	--	NM	--	--	--	--
Virginia	--	--	NM	--	--	--	--
West Virginia	--	--	NM	--	--	--	--
East South Central	1.80	.52	246.0%	1.80	.52	--	--
Alabama	--	--	NM	--	--	--	--
Kentucky	1.80	.52	246.0%	1.80	.52	--	--
Mississippi	--	--	NM	--	--	--	--
Tennessee	--	--	NM	--	--	--	--
West South Central	1.93	3.76	-49.0%	1.93	3.76	--	--
Arkansas	--	--	NM	--	--	--	--
Louisiana	1.93	3.76	-49.0%	1.93	3.76	--	--
Oklahoma	--	--	NM	--	--	--	--
Texas	--	--	NM	--	--	--	--
Mountain	W	W	W	--	--	W	W
Arizona	--	--	NM	--	--	--	--
Colorado	--	--	NM	--	--	--	--
Idaho	--	--	NM	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	--	--	NM	--	--	--	--
New Mexico	--	--	NM	--	--	--	--
Utah	--	--	NM	--	--	--	--
Wyoming	--	--	NM	--	--	--	--
Pacific Contiguous	NM	2.88	NM	--	--	NM	2.88
California	NM	2.88	NM	--	--	NM	2.88
Oregon	--	--	NM	--	--	--	--
Washington	--	--	NM	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--
Alaska	--	--	NM	--	--	--	--
Hawaii	--	--	NM	--	--	--	--
U.S. Total	1.87	3.16	-41.0%	2.03	3.56	NM	2.24

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) May 2012 and 2011 (Dollar per MMBTU)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
New England	--	--	NM	--	--	--	--
Connecticut	--	--	NM	--	--	--	--
Maine	--	--	NM	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--
Vermont	--	--	NM	--	--	--	--
Middle Atlantic	W	W	W	--	--	W	W
New Jersey	--	--	NM	--	--	--	--
New York	W	W	W	--	--	W	W
Pennsylvania	--	--	NM	--	--	--	--
East North Central	W	W	W	1.66	1.67	W	W
Illinois	--	--	NM	--	--	--	--
Indiana	--	--	NM	--	--	--	--
Michigan	W	W	W	NM	NM	W	W
Ohio	--	W	W	--	--	--	W
Wisconsin	1.68	1.64	2.4%	1.68	1.64	--	--
West North Central	NM	1.49	NM	NM	1.49	--	--
Iowa	NM	1.21	NM	NM	1.21	--	--
Kansas	--	1.76	-100.0%	--	1.76	--	--
Minnesota	--	--	NM	--	--	--	--
Missouri	--	--	NM	--	--	--	--
Nebraska	--	--	NM	--	--	--	--
North Dakota	--	--	NM	--	--	--	--
South Dakota	--	--	NM	--	--	--	--
South Atlantic	2.63	4.32	-39.0%	2.63	4.32	--	--
Delaware	--	--	NM	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--
Florida	2.63	4.32	-39.0%	2.63	4.32	--	--
Georgia	--	--	NM	--	--	--	--
Maryland	--	--	NM	--	--	--	--
North Carolina	--	--	NM	--	--	--	--
South Carolina	--	--	NM	--	--	--	--
Virginia	--	--	NM	--	--	--	--
West Virginia	--	--	NM	--	--	--	--
East South Central	1.84	.58	217.0%	1.84	.58	--	--
Alabama	--	--	NM	--	--	--	--
Kentucky	1.84	.58	217.0%	1.84	.58	--	--
Mississippi	--	--	NM	--	--	--	--
Tennessee	--	--	NM	--	--	--	--
West South Central	W	W	W	1.85	3.32	W	W
Arkansas	--	--	NM	--	--	--	--
Louisiana	1.85	3.32	-44.0%	1.85	3.32	--	--
Oklahoma	--	--	NM	--	--	--	--
Texas	W	W	W	--	--	W	W
Mountain	W	W	W	--	--	W	W
Arizona	--	--	NM	--	--	--	--
Colorado	--	--	NM	--	--	--	--
Idaho	--	--	NM	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	--	--	NM	--	--	--	--
New Mexico	--	--	NM	--	--	--	--
Utah	--	--	NM	--	--	--	--
Wyoming	--	--	NM	--	--	--	--
Pacific Contiguous	1.98	2.69	-26.0%	--	--	1.98	2.69
California	1.98	2.69	-26.0%	--	--	1.98	2.69
Oregon	--	--	NM	--	--	--	--
Washington	--	--	NM	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--
Alaska	--	--	NM	--	--	--	--
Hawaii	--	--	NM	--	--	--	--
U.S. Total	1.88	2.94	-36.0%	2.05	3.22	1.20	1.89

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(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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State, May 2012 and 2011
(Dollar per MMBTU)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
New England	2.73	4.78	-43.0%	3.12	5.43	2.73	4.78
Connecticut	2.73	4.79	-43.0%	2.96	5.03	2.73	4.79
Maine	W	W	W	--	--	W	W
Massachusetts	2.70	4.70	-43.0%	3.19	5.51	2.69	4.69
New Hampshire	W	W	W	15.37	8.43	W	W
Rhode Island	2.73	4.76	-43.0%	--	--	2.73	4.76
Vermont	3.08	6.06	-49.0%	3.08	6.06	--	--
Middle Atlantic	2.91	5.10	-43.0%	2.72	5.05	2.93	5.11
New Jersey	3.02	5.09	-41.0%	--	--	3.02	5.09
New York	3.01	5.32	-43.0%	2.72	5.05	3.11	5.44
Pennsylvania	2.68	4.83	-45.0%	NM	NM	2.68	4.83
East North Central	2.72	4.86	-44.0%	2.72	5.13	2.72	4.77
Illinois	2.89	4.87	-41.0%	3.32	6.42	2.86	4.72
Indiana	2.63	4.73	-44.0%	2.61	4.74	2.69	4.71
Michigan	2.80	5.02	-44.0%	2.99	5.78	2.76	4.94
Ohio	2.60	4.78	-46.0%	2.58	4.95	2.60	4.76
Wisconsin	2.72	4.89	-44.0%	2.81	5.34	2.61	4.44
West North Central	2.94	5.76	-49.0%	2.99	5.75	2.68	5.80
Iowa	W	W	W	3.18	6.25	W	W
Kansas	2.77	4.86	-43.0%	2.77	4.86	--	--
Minnesota	W	W	W	3.01	7.23	W	W
Missouri	W	W	W	3.02	5.66	W	W
Nebraska	3.52	W	W	3.52	6.83	--	W
North Dakota	NM	NM	NM	NM	NM	--	--
South Dakota	NM	NM	NM	NM	NM	--	--
South Atlantic	3.78	5.45	-31.0%	4.08	5.58	2.87	4.95
Delaware	W	W	W	NM	NM	W	W
District of Columbia	--	--	NM	--	--	--	--
Florida	4.32	5.66	-24.0%	4.50	5.77	2.87	4.70
Georgia	2.96	4.91	-40.0%	2.94	4.82	2.99	5.01
Maryland	2.92	5.11	-43.0%	--	--	2.92	5.11
North Carolina	W	W	W	3.82	5.83	W	W
South Carolina	W	W	W	3.37	4.46	W	W
Virginia	2.78	5.22	-47.0%	2.91	5.14	2.58	5.39
West Virginia	2.72	4.78	-43.0%	2.75	4.65	2.72	4.81
East South Central	2.54	4.53	-44.0%	2.57	4.66	2.50	4.33
Alabama	2.56	4.45	-42.0%	2.71	4.67	2.50	4.30
Kentucky	W	W	W	2.94	5.98	W	W
Mississippi	W	W	W	2.50	4.53	W	W
Tennessee	2.33	4.54	-49.0%	2.33	4.54	--	--
West South Central	2.50	4.45	-44.0%	2.54	4.62	2.47	4.35
Arkansas	W	4.94	W	3.19	5.65	W	4.61
Louisiana	W	4.54	W	2.57	4.57	W	4.41
Oklahoma	2.52	4.60	-45.0%	2.53	4.65	2.49	4.44
Texas	2.47	4.38	-44.0%	2.48	4.54	2.47	4.33
Mountain	2.89	5.11	-43.0%	2.94	5.30	2.80	4.82
Arizona	3.03	W	W	3.27	6.87	2.63	W
Colorado	3.19	4.87	-34.0%	3.27	4.81	NM	4.91
Idaho	W	W	W	2.89	7.61	W	W
Montana	W	W	W	NM	NM	W	W
Nevada	2.71	4.87	-44.0%	2.70	5.0	NM	NM
New Mexico	W	W	W	2.97	4.96	W	W
Utah	W	W	W	2.35	4.39	W	W
Wyoming	W	W	W	NM	NM	W	W
Pacific Contiguous	3.01	4.89	-38.0%	3.36	5.30	2.82	4.69
California	3.0	4.84	-38.0%	3.34	5.27	NM	4.63
Oregon	W	W	W	2.20	6.98	W	W
Washington	W	W	W	4.18	5.31	W	W
Pacific Noncontiguous	3.90	5.29	-26.0%	3.90	5.29	--	--
Alaska	3.90	5.29	-26.0%	3.90	5.29	--	--
Hawaii	--	--	NM	--	--	--	--
U.S. Total	2.95	4.91	-40.0%	3.25	5.17	2.69	4.69

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Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) May 2012 and 2011
(Dollar per MMBTU)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2012	May 2011	Percent Change	May 2012	May 2011	May 2012	May 2011
New England	3.22	5.66	-43.0%	3.49	6.89	3.22	5.65
Connecticut	3.26	5.72	-43.0%	3.09	NM	3.26	5.72
Maine	W	W	W	--	--	W	W
Massachusetts	3.06	5.66	-46.0%	3.32	7.19	3.06	5.65
New Hampshire	W	W	W	7.49	7.60	W	W
Rhode Island	3.44	5.72	-40.0%	--	--	3.44	5.72
Vermont	3.70	5.72	-35.0%	3.70	5.72	--	--
Middle Atlantic	3.27	5.65	-42.0%	3.66	6.0	3.22	5.60
New Jersey	3.34	5.65	-41.0%	--	--	3.34	5.65
New York	3.62	5.98	-39.0%	3.66	6.0	3.61	5.97
Pennsylvania	2.84	5.22	-46.0%	NM	NM	2.84	5.22
East North Central	2.77	4.80	-42.0%	2.77	4.88	2.77	4.78
Illinois	2.84	4.86	-42.0%	3.36	7.67	2.82	4.71
Indiana	2.72	4.63	-41.0%	2.67	4.58	2.87	4.72
Michigan	2.80	4.90	-43.0%	2.68	5.32	2.83	4.87
Ohio	2.65	4.72	-44.0%	2.58	4.64	2.67	4.74
Wisconsin	2.92	5.05	-42.0%	3.15	5.52	2.64	4.62
West North Central	3.34	5.54	-40.0%	3.43	5.56	2.78	5.44
Iowa	W	W	W	3.71	6.52	W	W
Kansas	2.91	4.93	-41.0%	2.91	4.93	--	--
Minnesota	W	W	W	3.85	6.20	W	W
Missouri	W	W	W	3.15	5.29	W	W
Nebraska	4.47	W	W	4.47	7.37	--	W
North Dakota	NM	NM	NM	NM	NM	--	--
South Dakota	2.99	5.29	-43.0%	2.99	5.29	--	--
South Atlantic	3.98	5.61	-29.0%	4.22	5.72	3.21	5.15
Delaware	W	W	W	NM	NM	W	W
District of Columbia	--	--	NM	--	--	--	--
Florida	4.49	5.75	-22.0%	4.66	5.86	2.93	4.56
Georgia	3.34	4.95	-33.0%	2.92	4.74	3.92	5.17
Maryland	2.72	5.68	-52.0%	--	--	2.72	5.68
North Carolina	W	W	W	4.05	6.58	W	W
South Carolina	W	W	W	3.20	4.56	W	W
Virginia	3.10	5.83	-47.0%	3.07	5.79	3.14	5.85
West Virginia	2.98	4.82	-38.0%	2.63	4.88	3.05	4.81
East South Central	2.65	4.60	-42.0%	2.67	4.61	2.62	4.59
Alabama	2.69	4.61	-42.0%	2.82	4.61	2.63	4.62
Kentucky	W	W	W	2.97	6.73	W	W
Mississippi	W	W	W	2.59	4.47	W	W
Tennessee	2.47	4.68	-47.0%	2.47	4.68	--	--
West South Central	2.60	4.47	-42.0%	2.69	4.57	2.55	4.41
Arkansas	2.66	4.69	-43.0%	3.05	5.50	2.58	4.49
Louisiana	2.57	4.46	-42.0%	2.61	4.51	2.49	4.29
Oklahoma	2.69	4.64	-42.0%	2.80	4.67	2.42	4.53
Texas	2.58	4.42	-42.0%	2.64	4.50	2.56	4.40
Mountain	3.19	5.07	-37.0%	3.26	5.35	3.08	4.69
Arizona	3.09	5.32	-42.0%	3.34	6.44	2.84	4.49
Colorado	3.84	5.07	-24.0%	3.84	5.17	3.83	4.98
Idaho	W	W	W	4.83	6.30	W	W
Montana	W	W	W	NM	NM	W	W
Nevada	3.18	5.05	-37.0%	3.21	5.32	NM	4.49
New Mexico	W	W	W	3.07	5.04	W	W
Utah	W	W	W	2.71	4.33	W	W
Wyoming	W	W	W	3.49	5.77	W	W
Pacific Contiguous	3.17	4.74	-33.0%	3.52	5.09	2.99	4.57
California	3.21	4.70	-32.0%	3.58	5.01	3.03	4.54
Oregon	W	W	W	2.93	4.91	W	W
Washington	W	W	W	3.53	6.56	W	W
Pacific Noncontiguous	4.42	5.04	-12.0%	4.42	5.04	--	--
Alaska	4.42	5.04	-12.0%	4.42	5.04	--	--
Hawaii	--	--	NM	--	--	--	--
U.S. Total	3.15	5.05	-38.0%	3.47	5.23	2.90	4.91

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Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.14 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State May 2012
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	NM	NM	NM	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	3	.62	6.9	--	--	--	--	--	--
Massachusetts	NM	NM	NM	--	--	--	--	--	--
New Hampshire	17	1.99	7.6	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	2,661	2.79	10.6	NM	NM	NM	--	--	--
New Jersey	61	1.63	8.4	--	--	--	--	--	--
New York	NM	NM	NM	3	*	5.5	--	--	--
Pennsylvania	2,556	2.84	10.6	NM	NM	NM	--	--	--
East North Central	6,718	2.86	9.3	7,277	*	4.9	--	--	--
Illinois	464	2.95	10.9	3,908	*	4.8	--	--	--
Indiana	2,541	2.66	9.3	524	*	5.1	--	--	--
Michigan	385	1.44	8.5	1,640	*	5.1	--	--	--
Ohio	3,087	3.26	9.3	141	*	5.2	--	--	--
Wisconsin	241	1.72	7.2	1,064	*	4.8	--	--	--
West North Central	135	3.11	9.0	8,170	*	5.0	1,462	.8	10.2
Iowa	56	3.5	8.0	1,717	*	5.0	--	--	--
Kansas	20	2.86	12.5	1,316	*	5.0	--	--	--
Minnesota	NM	NM	NM	903	*	5.7	--	--	--
Missouri	52	2.91	8.6	3,046	*	4.9	--	--	--
Nebraska	--	--	--	930	*	4.8	--	--	--
North Dakota	--	--	--	140	*	4.9	1,462	.8	10.2
South Dakota	--	--	--	118	*	5.4	--	--	--
South Atlantic	8,425	1.93	10.4	891	*	4.6	--	--	--
Delaware	15	.94	12.5	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	1,751	2.16	9.6	--	--	--	--	--	--
Georgia	1,140	1.35	9.4	876	*	4.6	--	--	--
Maryland	322	1.81	12.1	15	*	4.8	--	--	--
North Carolina	1,536	1.21	10.8	--	--	--	--	--	--
South Carolina	884	1.69	9.5	--	--	--	--	--	--
Virginia	471	1.18	10.5	--	--	--	--	--	--
West Virginia	2,307	2.82	11.3	--	--	--	--	--	--
East South Central	5,574	2.36	10.0	1,890	*	5.2	277	*	14.7
Alabama	1,234	1.69	10.4	840	*	5.1	--	--	--
Kentucky	3,230	2.82	10.2	146	*	5.2	--	--	--
Mississippi	330	1.92	9.7	--	--	--	277	*	14.7
Tennessee	781	1.77	8.5	904	*	5.3	--	--	--
West South Central	72	1.74	21.1	8,332	*	5.0	3,967	1.03	17.0
Arkansas	NM	NM	NM	1,270	*	5.2	--	--	--
Louisiana	19	3.12	9.1	851	*	5.0	508	.95	16.5
Oklahoma	41	.79	31.6	1,567	*	4.8	--	--	--
Texas	--	--	--	4,644	*	5.0	3,459	1.04	17.0
Mountain	2,757	.62	13.7	4,885	.57	9.8	NM	NM	NM
Arizona	695	.57	10.6	998	.83	11.8	--	--	--
Colorado	243	*	11.1	1,073	*	5.9	--	--	--
Idaho	NM	NM	NM	NM	NM	NM	--	--	--
Montana	--	--	--	251	.7	9.1	NM	NM	NM
Nevada	169	*	10.5	114	*	8.0	--	--	--
New Mexico	526	.75	23.1	668	.77	19.5	--	--	--
Utah	1,069	.56	13.0	37	1.15	8.3	--	--	--
Wyoming	38	2.21	10.5	1,743	.5	7.4	--	--	--
Pacific Contiguous	114	.55	10.5	138	*	9.3	--	--	--
California	114	.55	10.5	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	138	*	9.3	--	--	--
Pacific Noncontiguous	67	.7	9.4	NM	NM	NM	--	--	--
Alaska	--	--	--	NM	NM	NM	--	--	--
Hawaii	67	.7	9.4	--	--	--	--	--	--
U.S. Total	26,560	2.22	10.4	31,669	*	5.8	5,723	.94	15.1

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.15 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilties by State May 2012
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	17	1.99	7.6	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--
New Hampshire	17	1.99	7.6	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	NM	NM	NM	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--	--	--
East North Central	5,353	2.92	9.3	3,369	*	5.0	--	--	--
Illinois	210	3.24	12.8	296	*	4.8	--	--	--
Indiana	2,281	2.63	9.1	416	*	5.1	--	--	--
Michigan	350	1.44	8.5	1,621	*	5.1	--	--	--
Ohio	2,359	3.47	9.5	--	--	--	--	--	--
Wisconsin	153	1.63	7.1	1,036	*	4.8	--	--	--
West North Central	64	2.9	9.8	7,935	*	5.0	1,462	.8	10.2
Iowa	NM	NM	NM	1,580	*	5.0	--	--	--
Kansas	20	2.86	12.5	1,316	*	5.0	--	--	--
Minnesota	NM	NM	NM	842	*	5.7	--	--	--
Missouri	NM	NM	NM	3,046	*	4.9	--	--	--
Nebraska	--	--	--	909	*	4.8	--	--	--
North Dakota	--	--	--	124	*	4.9	1,462	.8	10.2
South Dakota	--	--	--	118	*	5.4	--	--	--
South Atlantic	6,770	1.79	10.2	876	*	4.6	--	--	--
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	1,620	2.21	9.5	--	--	--	--	--	--
Georgia	1,106	1.35	9.4	876	*	4.6	--	--	--
Maryland	--	--	--	--	--	--	--	--	--
North Carolina	1,415	1.21	10.8	--	--	--	--	--	--
South Carolina	873	1.7	9.5	--	--	--	--	--	--
Virginia	276	1.13	11.0	--	--	--	--	--	--
West Virginia	1,479	2.43	11.4	--	--	--	--	--	--
East South Central	5,248	2.4	10.1	1,890	*	5.2	--	--	--
Alabama	1,196	1.7	10.5	840	*	5.1	--	--	--
Kentucky	3,230	2.82	10.2	146	*	5.2	--	--	--
Mississippi	200	1.24	10.4	--	--	--	--	--	--
Tennessee	623	1.97	8.7	904	*	5.3	--	--	--
West South Central	19	3.12	9.1	4,888	*	4.9	1,190	1.25	18.4
Arkansas	--	--	--	1,155	*	5.1	--	--	--
Louisiana	19	3.12	9.1	178	*	5.3	508	.95	16.5
Oklahoma	--	--	--	1,442	*	4.8	--	--	--
Texas	--	--	--	2,115	*	4.9	682	1.5	19.9
Mountain	2,678	.58	13.8	4,548	.57	9.8	NM	NM	NM
Arizona	695	.57	10.6	969	.83	11.8	--	--	--
Colorado	225	*	11.1	1,073	*	5.9	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	NM	NM	NM
Nevada	169	*	10.5	85	*	8.7	--	--	--
New Mexico	526	.75	23.1	668	.77	19.5	--	--	--
Utah	1,062	.56	13.0	37	1.15	8.3	--	--	--
Wyoming	--	--	--	1,716	.5	7.4	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	NM	NM	NM	--	--	--
Alaska	--	--	--	NM	NM	NM	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	20,151	2.11	10.4	23,514	*	6.0	2,669	1.	13.8

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

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

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.16 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State May 2012
(Thousand Tons)

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	NM	NM	NM	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	NM	NM	NM	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	2,486	2.84	10.6	3	*	5.5	--	--	--
New Jersey	NM	NM	NM	--	--	--	--	--	--
New York	NM	NM	NM	3	*	5.5	--	--	--
Pennsylvania	2,472	2.84	10.6	--	--	--	--	--	--
East North Central	690	2.38	8.3	3,814	*	4.8	--	--	--
Illinois	57	.86	7.9	3,564	*	4.8	--	--	--
Indiana	--	--	--	NM	NM	NM	--	--	--
Michigan	NM	NM	NM	--	--	--	--	--	--
Ohio	633	2.51	8.4	141	*	5.2	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	1,063	3.09	10.6	15	*	4.8	--	--	--
Delaware	11	.94	12.5	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--
Georgia	--	--	--	--	--	--	--	--	--
Maryland	226	1.72	8.8	15	*	4.8	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	33	.88	8.5	--	--	--	--	--	--
West Virginia	794	3.63	11.2	--	--	--	--	--	--
East South Central	130	2.98	8.6	--	--	--	277	*	14.7
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	130	2.98	8.6	--	--	--	277	*	14.7
Tennessee	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	3,318	*	5.1	2,777	.93	16.4
Arkansas	--	--	--	115	*	5.5	--	--	--
Louisiana	--	--	--	674	*	4.9	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--
Texas	--	--	--	2,529	*	5.2	2,777	.93	16.4
Mountain	--	--	--	308	.64	8.6	--	--	--
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	251	.7	9.1	--	--	--
Nevada	--	--	--	29	*	5.9	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	NM	NM	NM	--	--	--
Pacific Contiguous	--	--	--	130	*	9.6	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	130	*	9.6	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	4,381	2.83	10.2	7,588	*	5.2	3,054	.9	16.3

* = 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 *.)

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

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.17 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Combined Heat and Power Sector by State (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	NM	NM	NM	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	NM	NM	NM	--	--	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--
East North Central	NM	NM	NM	--	--	--	--	--	--
Illinois	4	3.18	9.0	--	--	--	--	--	--
Indiana	NM	NM	NM	--	--	--	--	--	--
Michigan	8	2.22	9.2	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--
Wisconsin	NM	NM	NM	--	--	--	--	--	--
West North Central	23	3.39	8.2	--	--	--	--	--	--
Iowa	NM	NM	NM	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	6	3.05	9.0	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	NM	NM	NM	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--
Georgia	--	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--
North Carolina	NM	NM	NM	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	NM	NM	NM	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--
East South Central	NM	NM	NM	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	NM	NM	NM	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	--	--	--
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	42	*	5.4	--	--	--
Alaska	--	--	--	42	*	5.4	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	NM	NM	NM	42	*	5.4	--	--	--

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.18 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Combined Heat and Power Sector by State (Thousand Tons)

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	NM	NM	NM	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	1	.62	6.9	--	--	--	--	--	--
Massachusetts	NM	NM	NM	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	62	2.39	10.8	NM	NM	NM	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	16	1.9	10.0	--	--	--	--	--	--
Pennsylvania	45	2.58	11.0	NM	NM	NM	--	--	--
East North Central	378	2.94	9.1	86	*	5.8	--	--	--
Illinois	181	3.33	9.8	48	.56	6.4	--	--	--
Indiana	NM	NM	NM	--	--	--	--	--	--
Michigan	NM	NM	NM	NM	NM	NM	--	--	--
Ohio	95	3.44	9.7	--	--	--	--	--	--
Wisconsin	NM	NM	NM	28	*	4.9	--	--	--
West North Central	48	3.25	8.4	235	*	4.9	--	--	--
Iowa	35	3.5	8.0	137	*	4.6	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	NM	NM	NM	NM	NM	NM	--	--	--
Missouri	NM	NM	NM	--	--	--	--	--	--
Nebraska	--	--	--	NM	NM	NM	--	--	--
North Dakota	--	--	--	NM	NM	NM	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	308	1.5	11.6	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	28	2.14	9.6	--	--	--	--	--	--
Georgia	34	1.13	9.2	--	--	--	--	--	--
Maryland	41	2.37	22.5	--	--	--	--	--	--
North Carolina	39	1.2	10.9	--	--	--	--	--	--
South Carolina	11	.8	9.1	--	--	--	--	--	--
Virginia	129	1.41	9.8	--	--	--	--	--	--
West Virginia	26	1.23	11.2	--	--	--	--	--	--
East South Central	185	1.07	8.1	--	--	--	--	--	--
Alabama	31	1.45	9.1	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	154	1.	7.9	--	--	--	--	--	--
West South Central	NM	NM	NM	NM	NM	NM	NM	NM	NM
Arkansas	NM	NM	NM	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	NM	NM	NM
Oklahoma	--	--	--	NM	NM	NM	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	61	1.99	10.4	NM	NM	NM	--	--	--
Arizona	--	--	--	NM	NM	NM	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	NM	NM	NM	NM	NM	NM	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	7	*	9.7	--	--	--	--	--	--
Wyoming	38	2.21	10.5	--	--	--	--	--	--
Pacific Contiguous	55	*	10.2	8	*	3.7	--	--	--
California	55	*	10.2	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	8	*	3.7	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	--	--	--	--
U.S. Total	1,119	1.99	9.8	420	*	5.6	NM	NM	NM

* = 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Totals may not equal sum of components because of independent rounding. Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2002-May
(Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2002	1,265,180	1,104,497	990,238	.	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	1,351,520	1,299,744	1,011,298	7,358	3,669,919
2007	1,392,241	1,336,315	1,027,832	8,173	3,764,561
2008	1,379,981	1,335,981	1,009,300	7,700	3,732,962
2009	1,364,474	1,307,168	917,442	7,781	3,596,865
2010	1,445,708	1,330,199	970,873	7,712	3,754,493
2011	1,423,700	1,319,288	975,569	7,606	3,726,163
2010					
January	147,500	108,120	75,506	715	331,841
February	122,840	100,747	74,164	689	298,440
March	111,790	101,756	78,303	656	292,505
April	88,046	99,791	78,597	600	267,034
May	94,843	106,176	82,088	606	283,712
June	127,496	119,388	83,347	658	330,889
July	154,688	127,925	85,725	667	369,006
August	154,053	129,143	87,904	628	371,728
September	124,582	119,137	83,353	639	327,711
October	96,688	108,461	82,046	615	287,811
November	93,166	101,524	79,575	607	274,871
December	130,015	108,031	80,264	633	318,943
2011					
January	144,911	107,884	79,055	710	332,561
February	120,685	99,368	75,223	633	295,909
March	105,065	103,507	80,817	655	290,044
April	94,069	100,019	79,099	618	273,805
May	97,755	106,841	80,741	615	285,951
June	126,008	117,460	82,775	637	326,881
July	154,888	127,139	85,907	645	368,580
August	153,688	128,200	87,565	620	370,073
September	122,842	117,403	83,311	630	324,186
October	94,576	107,655	82,860	608	285,699
November	93,126	99,782	79,561	584	273,053
December	116,087	104,030	78,655	649	299,421
2012					
January	126,475	105,076	78,640	669	310,859
February	108,145	99,266	77,918	646	285,975
March	99,342	101,806	80,694	612	282,453
April	88,444	100,733	80,444	596	270,217
May	100,629	109,955	84,482	617	295,682
Year to Date					
2010	565,020	516,590	388,658	3,266	1,473,534
2011	562,485	517,619	394,935	3,231	1,478,270
2012	523,033	516,837	402,177	3,140	1,445,187
Rolling 12 Months Ending in May					
2011	1,443,173	1,331,229	977,149	7,678	3,759,229
2012	1,384,249	1,318,506	982,811	7,514	3,693,080

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not
Notes: - See Glossary for definitions. - Geographic coverage is the 50 States and the District of Columbia.
Sales values for 1996-2011 include energy service provider (power marketer) data. - Values for 2010 and prior years are
Sources: 2006-2008: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report

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

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2002	106,834	87,117	48,336	.	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	140,582	122,914	62,308	702	326,506
2007	148,295	128,903	65,712	792	343,703
2008	155,433	138,469	68,920	827	363,650
2009	157,008	132,940	62,504	828	353,280
2010	166,782	135,559	65,750	815	368,906
2011	167,930	136,138	67,212	805	372,084
2010					
January	15,476	10,328	4,910	73	30,787
February	13,375	9,960	4,861	72	28,268
March	12,415	10,126	5,114	67	27,722
April	10,309	9,934	5,147	63	25,453
May	11,296	10,776	5,453	64	27,589
June	15,189	12,605	5,805	73	33,673
July	18,620	13,713	6,196	73	38,601
August	18,529	13,714	6,344	68	38,656
September	14,890	12,533	5,831	67	33,321
October	11,471	11,118	5,576	65	28,230
November	10,828	10,144	5,219	64	26,254
December	14,384	10,608	5,295	66	30,353
2011					
January	15,867	10,624	5,207	74	31,772
February	13,425	10,005	5,036	68	28,535
March	12,180	10,366	5,337	68	27,951
April	11,053	10,055	5,220	63	26,391
May	11,742	10,978	5,451	66	28,237
June	15,181	12,630	5,966	71	33,848
July	18,842	13,694	6,345	73	38,954
August	18,681	13,876	6,533	68	39,158
September	15,052	12,529	6,022	69	33,672
October	11,476	11,088	5,654	63	28,281
November	11,063	10,042	5,249	59	26,412
December	13,369	10,251	5,190	64	28,875
2012					
January	14,456	10,377	5,112	65	30,010
February	12,495	9,935	5,078	62	27,571
March	11,679	10,089	5,258	60	27,086
April	10,565	9,934	5,178	60	25,737
May	12,046	11,020	5,554	61	28,681
Year to Date					
2010	62,871	51,123	25,485	339	139,818
2011	64,267	52,028	26,252	338	142,885
2012	61,241	51,355	26,180	308	139,084
Rolling 12 Months Ending in May					
2011	168,178	136,463	66,517	814	371,972
2012	164,903	135,465	67,141	774	368,283

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 1996-2011 include energy service provider (power marketer) data. - Values for 2010 and prior years are final.

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, 2002- (Cents per Kilowatthour)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2002	8.43	7.87	4.88	.	7.18
2003	8.72	8.01	5.11	7.54	7.42
2004	8.94	8.15	5.25	7.18	7.60
2005	9.43	8.64	5.72	8.57	8.11
2006	10.37	9.42	6.15	9.54	8.86
2007	10.64	9.62	6.39	9.70	9.10
2008	11.25	10.32	6.82	10.75	9.71
2009	11.51	10.15	6.81	10.65	9.80
2010	11.55	10.16	6.76	10.57	9.80
2011	11.80	10.29	6.88	10.58	9.95
2010					
January	10.49	9.55	6.50	10.17	9.28
February	10.89	9.89	6.55	10.48	9.47
March	11.11	9.95	6.53	10.28	9.48
April	11.71	9.95	6.55	10.52	9.53
May	11.91	10.15	6.64	10.52	9.72
June	11.91	10.56	6.96	11.14	10.18
July	12.04	10.72	7.23	10.95	10.46
August	12.03	10.62	7.22	10.86	10.40
September	11.95	10.52	7.00	10.53	10.17
October	11.86	10.25	6.80	10.49	9.81
November	11.62	9.99	6.56	10.47	9.55
December	11.06	9.82	6.60	10.39	9.52
2011					
January	10.95	9.85	6.59	10.39	9.55
February	11.12	10.07	6.70	10.69	9.64
March	11.59	10.01	6.60	10.35	9.64
April	11.75	10.05	6.60	10.14	9.64
May	12.01	10.27	6.75	10.80	9.87
June	12.05	10.75	7.21	11.12	10.35
July	12.16	10.77	7.39	11.32	10.57
August	12.15	10.82	7.46	10.93	10.58
September	12.25	10.67	7.23	10.88	10.39
October	12.13	10.30	6.82	10.37	9.90
November	11.88	10.06	6.60	10.04	9.67
December	11.52	9.85	6.60	9.90	9.64
2012					
January	11.43	9.88	6.50	9.73	9.65
February	11.55	10.01	6.52	9.62	9.64
March	11.76	9.91	6.52	9.86	9.59
April	11.95	9.86	6.44	10.05	9.52
May	11.97	10.02	6.57	9.83	9.70
Year to Date					
2010	11.13	9.90	6.56	10.39	9.49
2011	11.43	10.05	6.65	10.47	9.67
2012	11.71	9.94	6.51	9.81	9.62
Rolling 12 Months Ending in May					
2011	11.66	10.23	6.80	10.60	9.87
2012	11.90	10.24	6.82	10.30	9.93

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 1996-2011 include energy service provider (power marketer) data. - Values for 2010 and prior years are final.

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, May 2012 and 2011
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	3,219	3,214	3,496	3,472	2,189	2,268	48	44	8,952	8,998
Connecticut	843	875	1,019	1,061	297	337	18	14	2,178	2,286
Maine	320	321	311	316	248	260	0	0	879	897
Massachusetts	1,377	1,355	1,379	1,330	1,297	1,326	28	28	4,081	4,039
New Hampshire	300	301	334	330	154	148	0	0	788	779
Rhode Island	217	206	295	280	78	81	2	2	592	570
Vermont	162	156	158	156	114	115	0	0	434	427
Middle Atlantic	8,999	9,178	12,522	12,468	6,527	5,813	297	327	28,345	27,786
New Jersey	1,978	2,032	3,245	3,225	726	708	22	23	5,972	5,988
New York	3,550	3,546	5,821	5,806	1,067	1,060	203	222	10,642	10,635
Pennsylvania	3,470	3,600	3,455	3,437	4,734	4,045	72	82	11,732	11,163
East North Central	13,397	12,956	15,206	14,833	17,358	16,570	73	44	46,034	44,404
Illinois	3,196	3,108	4,025	3,930	3,763	3,514	42	40	11,026	10,592
Indiana	2,412	2,260	2,024	1,970	4,219	3,961	1	2	8,656	8,192
Michigan	2,541	2,384	3,228	3,136	2,747	2,628	28	0	8,544	8,148
Ohio	3,670	3,645	4,058	3,956	4,605	4,499	2	2	12,335	12,103
Wisconsin	1,578	1,560	1,871	1,841	2,024	1,969	0	0	5,473	5,369
West North Central	7,204	7,017	8,209	7,820	7,663	7,137	3	3	23,079	21,977
Iowa	966	984	961	930	1,734	1,643	0	0	3,662	3,556
Kansas	1,022	906	1,361	1,255	912	904	0	0	3,295	3,065
Minnesota	1,540	1,580	1,789	1,761	1,941	1,869	1	1	5,272	5,211
Missouri	2,464	2,237	2,617	2,455	1,504	1,411	1	2	6,586	6,105
Nebraska	643	690	759	719	956	776	0	0	2,358	2,186
North Dakota	275	298	381	364	407	338	0	0	1,062	1,000
South Dakota	294	322	341	335	210	197	0	0	845	854
South Atlantic	25,478	25,099	25,754	25,881	12,335	12,299	111	111	63,678	63,391
Delaware	287	268	349	324	254	201	0	0	890	793
District of Columbia	137	127	770	786	20	20	30	27	957	961
Florida	8,863	9,443	7,634	7,758	1,490	1,474	7	7	17,994	18,682
Georgia	4,289	4,067	4,051	3,992	2,786	2,803	13	14	11,139	10,875
Maryland	1,766	1,725	2,578	2,585	369	428	46	47	4,759	4,786
North Carolina	4,051	3,667	3,908	3,873	2,416	2,430	1	1	10,375	9,971
South Carolina	2,198	2,106	1,845	1,845	2,447	2,456	0	0	6,490	6,407
Virginia	3,165	2,993	4,014	4,080	1,479	1,515	15	15	8,674	8,603
West Virginia	721	703	605	638	1,073	973	NM	0	2,399	2,314
East South Central	8,478	8,040	6,943	6,686	10,745	9,450	0	0	26,166	24,177
Alabama	2,491	2,393	1,929	1,843	2,939	2,613	0	0	7,359	6,849
Kentucky	1,909	1,767	1,592	1,521	3,913	3,223	0	0	7,415	6,511
Mississippi	1,319	1,287	1,155	1,108	1,415	1,337	0	0	3,890	3,733
Tennessee	2,758	2,593	2,267	2,214	2,477	2,278	0	0	7,503	7,084
West South Central	15,901	15,042	15,864	14,676	12,996	13,280	6	6	44,768	43,004
Arkansas	1,195	1,140	991	949	1,418	1,394	NM	NM	3,603	3,483
Louisiana	2,268	2,274	2,012	1,940	2,539	2,484	1	1	6,821	6,698
Oklahoma	1,777	1,590	1,822	1,693	1,377	1,274	0	0	4,976	4,556
Texas	10,662	10,038	11,038	10,093	7,662	8,129	5	5	29,367	28,266
Mountain	7,168	6,447	7,937	7,471	7,033	6,645	8	7	22,146	20,570
Arizona	2,739	2,298	2,611	2,418	1,066	1,026	0	0	6,416	5,743
Colorado	1,281	1,250	1,619	1,556	1,323	1,260	4	4	4,227	4,070
Idaho	537	567	475	444	902	652	0	0	1,914	1,662
Montana	326	357	379	378	311	318	0	0	1,016	1,053
Nevada	979	742	833	747	1,224	1,116	1	1	3,037	2,606
New Mexico	487	461	773	759	599	599	0	0	1,859	1,819
Utah	640	570	904	816	820	805	3	2	2,367	2,193
Wyoming	178	201	343	354	788	870	0	0	1,310	1,425
Pacific Contiguous	10,407	10,361	13,527	13,020	7,222	6,861	70	72	31,227	30,314
California	6,543	6,155	9,908	9,501	3,863	3,659	68	70	20,382	19,386
Oregon	1,315	1,432	1,292	1,239	1,035	963	2	2	3,643	3,636
Washington	2,549	2,773	2,328	2,280	2,324	2,239	1	1	7,201	7,293
Pacific Noncontiguous	377	402	496	514	414	416	0	0	1,287	1,332
Alaska	149	152	221	222	108	106	0	0	478	479
Hawaii	228	249	275	292	306	311	0	0	810	852
U.S. Total	100,629	97,755	109,955	106,841	84,482	80,741	617	615	295,682	285,951

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: - See Glossary for definitions. - Values for 2011 and 2012 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

Totals may not equal sum of components because of independent rounding.

Source: U.S. 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 May 2012 and 2011
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	18,479	19,773	17,631	17,932	11,076	11,279	241	245	47,427	49,230
Connecticut	5,027	5,497	5,146	5,285	1,414	1,476	82	76	11,669	12,334
Maine	1,793	1,852	1,577	1,591	1,220	1,227	0	0	4,590	4,671
Massachusetts	7,795	8,405	6,905	7,011	6,690	6,843	148	157	21,539	22,417
New Hampshire	1,819	1,909	1,771	1,799	785	772	0	0	4,375	4,480
Rhode Island	1,177	1,196	1,425	1,433	381	376	11	12	2,994	3,017
Vermont	867	915	806	813	587	585	0	0	2,259	2,312
Middle Atlantic	50,677	54,965	62,301	63,701	28,994	29,357	1,639	1,735	143,611	149,759
New Jersey	10,148	10,919	15,425	15,684	3,277	3,284	108	138	28,957	30,025
New York	19,179	20,439	29,602	30,218	5,242	5,345	1,160	1,252	55,183	57,254
Pennsylvania	21,350	23,608	17,274	17,798	20,476	20,728	371	345	59,471	62,479
East North Central	71,708	77,204	72,070	72,969	83,909	81,243	286	252	227,972	231,667
Illinois	16,892	18,279	19,840	20,192	18,261	17,819	231	224	55,224	56,513
Indiana	12,622	13,780	9,409	9,424	20,054	19,495	9	10	42,094	42,709
Michigan	13,339	13,973	15,080	15,362	12,989	12,473	31	2	41,439	41,810
Ohio	20,157	22,006	18,503	18,749	22,947	22,020	16	16	61,623	62,791
Wisconsin	8,698	9,166	9,237	9,242	9,657	9,436	0	0	27,592	27,844
West North Central	40,041	43,857	39,149	39,445	36,111	35,069	17	18	115,318	118,390
Iowa	5,622	6,086	4,767	4,816	8,049	7,770	0	0	18,438	18,672
Kansas	4,767	5,178	6,024	5,954	4,408	4,367	0	0	15,200	15,499
Minnesota	9,029	9,613	8,812	9,020	9,328	9,209	7	8	27,176	27,851
Missouri	12,829	14,306	12,051	12,108	7,160	7,008	9	10	32,050	33,432
Nebraska	3,900	4,286	3,660	3,663	4,131	4,035	0	0	11,690	11,984
North Dakota	1,967	2,217	2,064	2,068	1,990	1,714	0	0	6,020	5,999
South Dakota	1,927	2,170	1,771	1,816	1,046	966	0	0	4,744	4,952
South Atlantic	128,276	141,385	118,715	120,104	58,087	57,183	533	555	305,612	319,227
Delaware	1,722	1,935	1,656	1,697	1,148	1,007	0	0	4,526	4,639
District of Columbia	725	797	3,437	3,544	94	93	128	125	4,384	4,559
Florida	40,955	44,105	35,579	35,274	7,013	7,011	34	34	83,581	86,424
Georgia	20,684	22,558	18,079	18,397	13,075	12,974	65	74	51,903	54,003
Maryland	10,284	11,282	11,938	12,259	2,060	1,946	225	238	24,507	25,724
North Carolina	21,179	23,877	17,835	18,431	10,887	10,760	3	3	49,904	53,071
South Carolina	10,805	12,220	8,288	8,361	11,721	11,498	0	0	30,813	32,079
Virginia	17,181	19,292	18,783	19,001	7,099	7,020	77	79	43,141	45,392
West Virginia	4,741	5,319	3,120	3,140	4,991	4,874	NM	2	12,854	13,336
East South Central	44,013	49,183	32,116	32,530	52,748	50,161	1	1	128,879	131,875
Alabama	11,663	12,979	8,606	8,674	14,236	13,570	0	0	34,505	35,223
Kentucky	10,221	11,233	7,297	7,443	19,633	18,305	0	0	37,150	36,981
Mississippi	6,653	7,473	5,258	5,215	7,026	6,618	0	0	18,938	19,306
Tennessee	15,477	17,497	10,955	11,198	11,854	11,668	1	1	38,286	40,364
West South Central	72,855	78,236	70,786	68,246	62,873	63,757	32	31	206,546	210,271
Arkansas	6,593	7,304	4,578	4,556	6,884	6,826	NM	NM	18,055	18,686
Louisiana	10,902	12,164	9,289	9,311	12,636	11,965	4	4	32,831	33,444
Oklahoma	7,976	8,599	7,565	7,300	6,638	6,228	0	0	22,179	22,128
Texas	47,383	50,168	49,355	47,078	36,715	38,739	28	27	133,481	136,012
Mountain	34,805	34,951	36,375	36,063	32,218	31,280	41	37	103,439	102,331
Arizona	10,928	10,772	11,127	11,028	4,962	4,846	0	0	27,017	26,646
Colorado	7,005	7,125	7,735	7,721	6,141	6,027	22	21	20,903	20,894
Idaho	3,537	3,731	2,419	2,436	3,143	2,849	0	0	9,099	9,016
Montana	2,125	2,302	1,996	2,040	1,673	1,621	0	0	5,795	5,963
Nevada	3,970	3,712	3,537	3,374	5,437	5,232	3	3	12,948	12,320
New Mexico	2,637	2,607	3,538	3,521	2,872	2,730	0	0	9,046	8,857
Utah	3,374	3,387	4,200	4,121	3,914	3,796	16	13	11,504	11,317
Wyoming	1,229	1,315	1,822	1,823	4,075	4,180	0	0	7,127	7,318
Pacific Contiguous	60,078	60,744	65,163	64,022	34,108	33,558	349	357	159,699	158,681
California	34,426	34,180	46,491	45,314	17,851	17,572	336	344	99,104	97,410
Oregon	8,612	8,942	6,426	6,412	4,866	4,784	11	10	19,914	20,149
Washington	17,040	17,623	12,246	12,295	11,391	11,202	3	3	40,681	41,122
Pacific Noncontiguous	2,102	2,186	2,531	2,607	2,051	2,047	0	0	6,684	6,839
Alaska	955	957	1,220	1,207	573	548	0	0	2,749	2,712
Hawaii	1,146	1,229	1,311	1,400	1,478	1,499	0	0	3,935	4,127
U.S. Total	523,033	562,485	516,837	517,619	402,177	394,935	3,140	3,231	1,445,187	1,478,270

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: - See Glossary for definitions. - Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample.

See Technical Notes for a discussion of the sample design for the Form EIA-826.

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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

Totals may not equal sum of components because of independent rounding.

Source: U.S. 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, May 2012 and 2011
(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	517	522	479	494	263	283	3	3	1,262	1,302
Connecticut	149	163	150	165	37	44	2	1	338	373
Maine	46	49	35	38	20	24	0	0	102	112
Massachusetts	214	206	191	187	168	177	1	2	573	571
New Hampshire	50	51	45	47	18	19	0	0	113	117
Rhode Island	31	28	35	33	8	9	0	0	75	70
Vermont	27	26	23	22	11	11	0	0	61	59
Middle Atlantic	1,386	1,471	1,588	1,686	480	477	36	42	3,490	3,677
New Jersey	315	331	413	435	73	81	2	2	803	849
New York	617	651	851	906	70	81	28	33	1,567	1,670
Pennsylvania	454	490	324	346	336	315	6	7	1,120	1,158
East North Central	1,675	1,565	1,473	1,422	1,142	1,073	5	3	4,295	4,063
Illinois	407	385	344	347	233	225	3	3	986	960
Indiana	258	238	184	172	270	244	0	0	713	654
Michigan	366	315	365	332	215	195	2	0	948	842
Ohio	432	423	382	379	281	266	0	0	1,095	1,068
Wisconsin	212	205	197	191	143	142	0	0	553	539
West North Central	781	737	698	658	466	429	0	0	1,945	1,825
Iowa	107	105	75	73	90	82	0	0	272	260
Kansas	114	100	124	113	64	61	0	0	302	273
Minnesota	174	177	153	156	121	122	0	0	449	455
Missouri	267	235	225	205	89	84	0	0	582	525
Nebraska	62	63	61	57	61	47	0	0	185	167
North Dakota	26	27	30	28	27	21	0	0	83	75
South Dakota	31	31	28	26	14	12	0	0	72	69
South Atlantic	2,911	2,886	2,432	2,463	800	814	10	10	6,153	6,173
Delaware	41	39	35	36	20	19	0	0	97	95
District of Columbia	17	18	94	103	1	1	3	3	115	125
Florida	1,026	1,102	754	777	122	131	1	1	1,902	2,010
Georgia	469	461	389	401	158	175	1	1	1,017	1,038
Maryland	231	243	267	296	30	39	4	4	532	583
North Carolina	437	387	335	310	153	143	0	0	924	840
South Carolina	249	242	170	172	146	147	0	0	564	561
Virginia	366	326	336	315	100	98	1	1	804	740
West Virginia	75	69	53	52	70	60	NM	0	198	181
East South Central	870	830	675	653	630	574	0	0	2,174	2,057
Alabama	275	269	199	193	176	163	0	0	651	625
Kentucky	182	165	143	131	213	182	0	0	537	477
Mississippi	136	137	105	108	84	84	0	0	325	329
Tennessee	277	259	227	221	156	146	0	0	661	625
West South Central	1,653	1,620	1,267	1,260	696	781	1	1	3,617	3,661
Arkansas	110	107	75	73	78	76	NM	NM	262	256
Louisiana	194	210	156	164	122	138	0	0	473	512
Oklahoma	169	154	130	122	72	70	0	0	371	346
Texas	1,180	1,149	906	901	425	496	1	1	2,511	2,547
Mountain	799	697	725	669	424	395	1	1	1,948	1,762
Arizona	324	270	262	238	74	70	0	0	660	579
Colorado	143	139	149	145	92	88	0	0	385	372
Idaho	44	46	32	29	48	34	0	0	124	109
Montana	33	35	35	35	15	16	0	0	83	86
Nevada	118	90	74	68	68	63	0	0	260	221
New Mexico	54	48	68	64	35	36	0	0	157	149
Utah	63	51	77	62	45	40	0	0	185	153
Wyoming	18	18	29	27	47	47	0	0	94	92
Pacific Contiguous	1,341	1,299	1,552	1,545	538	525	5	6	3,436	3,375
California	992	932	1,267	1,274	391	388	5	6	2,655	2,599
Oregon	131	136	110	102	57	52	0	0	298	291
Washington	218	231	175	169	90	85	0	0	483	485
Pacific Noncontiguous	113	113	132	128	116	101	0	0	361	342
Alaska	27	27	33	34	19	15	0	0	79	76
Hawaii	86	86	99	94	98	87	0	0	282	267
U.S. Total	12,046	11,742	11,020	10,978	5,554	5,451	61	66	28,681	28,237

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: - See Glossary for definitions. - Values for 2011 and 2012 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

Totals may not equal sum of components because of independent rounding.

Source: U.S. 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 May 2012 and 2011 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	2,952	3,159	2,440	2,566	1,328	1,411	17	20	6,736	7,156
Connecticut	873	991	760	830	182	199	8	8	1,824	2,029
Maine	265	288	188	199	94	115	0	0	548	602
Massachusetts	1,200	1,231	958	986	859	901	7	10	3,024	3,128
New Hampshire	297	315	240	256	92	97	0	0	629	667
Rhode Island	170	187	178	181	42	42	2	2	391	412
Vermont	146	147	116	113	59	58	0	0	321	318
Middle Atlantic	7,625	8,451	7,843	8,457	2,168	2,448	194	216	17,830	19,572
New Jersey	1,626	1,783	1,933	2,084	337	379	10	15	3,905	4,260
New York	3,235	3,603	4,277	4,599	355	434	154	170	8,020	8,806
Pennsylvania	2,765	3,065	1,634	1,774	1,476	1,635	29	31	5,905	6,506
East North Central	8,580	8,720	6,884	6,853	5,450	5,237	19	17	20,934	20,828
Illinois	2,010	2,091	1,667	1,725	1,107	1,150	14	15	4,799	4,980
Indiana	1,319	1,349	866	816	1,298	1,196	1	1	3,483	3,362
Michigan	1,829	1,748	1,620	1,557	967	898	3	0	4,418	4,203
Ohio	2,278	2,366	1,768	1,807	1,380	1,319	1	1	5,427	5,493
Wisconsin	1,144	1,167	964	948	698	674	0	0	2,806	2,789
West North Central	3,995	4,122	3,150	3,087	2,154	2,047	1	1	9,300	9,257
Iowa	583	603	361	365	404	390	0	0	1,347	1,358
Kansas	511	525	537	508	297	286	0	0	1,346	1,319
Minnesota	989	1,019	747	761	593	583	1	1	2,329	2,364
Missouri	1,208	1,259	915	893	392	381	1	1	2,515	2,533
Nebraska	355	358	294	279	270	242	0	0	920	880
North Dakota	165	170	156	146	130	104	0	0	451	420
South Dakota	184	189	140	136	68	60	0	0	392	385
South Atlantic	14,426	15,478	11,219	11,317	3,725	3,744	43	50	29,413	30,588
Delaware	234	262	164	186	92	95	0	0	489	542
District of Columbia	88	111	421	470	5	7	11	13	525	601
Florida	4,741	5,096	3,532	3,520	579	626	3	3	8,855	9,245
Georgia	2,172	2,345	1,706	1,800	724	808	5	5	4,607	4,958
Maryland	1,320	1,535	1,268	1,417	168	177	18	21	2,773	3,150
North Carolina	2,265	2,376	1,532	1,459	676	624	0	0	4,474	4,459
South Carolina	1,241	1,327	777	764	685	662	0	0	2,704	2,752
Virginia	1,900	1,943	1,553	1,450	480	452	7	6	3,941	3,852
West Virginia	465	483	265	252	314	294	NM	0	1,044	1,029
East South Central	4,421	4,821	3,106	3,119	3,051	2,925	0	0	10,578	10,865
Alabama	1,299	1,390	901	886	827	788	0	0	3,027	3,064
Kentucky	932	999	625	619	1,030	944	0	0	2,587	2,562
Mississippi	686	758	493	500	418	419	0	0	1,597	1,678
Tennessee	1,504	1,674	1,087	1,114	776	774	0	0	3,367	3,561
West South Central	7,563	8,031	5,781	5,834	3,389	3,699	3	3	16,737	17,567
Arkansas	587	614	346	328	364	355	NM	0	1,296	1,298
Louisiana	922	1,050	742	778	617	650	0	0	2,281	2,479
Oklahoma	755	772	539	517	339	328	0	0	1,633	1,617
Texas	5,299	5,594	4,155	4,210	2,070	2,366	3	3	11,527	12,173
Mountain	3,626	3,512	3,135	3,057	1,858	1,782	4	3	8,623	8,355
Arizona	1,178	1,135	1,015	1,000	301	302	0	0	2,494	2,438
Colorado	757	762	684	686	411	404	2	2	1,854	1,854
Idaho	284	294	159	159	157	136	0	0	600	588
Montana	207	216	180	184	83	84	0	0	471	484
Nevada	479	442	316	312	297	297	0	0	1,092	1,050
New Mexico	285	265	306	292	161	161	0	0	753	717
Utah	319	285	327	286	206	179	2	1	854	751
Wyoming	116	114	147	138	242	220	0	0	506	472
Pacific Contiguous	7,458	7,417	7,159	7,142	2,504	2,490	27	28	17,148	17,078
California	5,184	5,141	5,676	5,697	1,768	1,791	26	27	12,653	12,657
Oregon	841	839	538	524	268	257	1	1	1,648	1,621
Washington	1,433	1,437	945	922	468	442	0	0	2,846	2,800
Pacific Noncontiguous	595	555	637	595	553	468	0	0	1,785	1,618
Alaska	170	161	179	179	98	83	0	0	447	424
Hawaii	425	394	458	416	455	385	0	0	1,337	1,194
U.S. Total	61,241	64,267	51,355	52,028	26,180	26,252	308	338	139,084	142,885

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: - See Glossary for definitions. - Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample.

See Technical Notes for a discussion of the sample design for the Form EIA-826.

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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

Totals may not equal sum of components because of independent rounding.

Source: U.S. 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 Cusomters by End-Use Sector, by State, May 2012 and 2011 (cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	16.06	16.24	13.70	14.21	12.01	12.48	6.31	7.86	14.10	14.47
Connecticut	17.72	18.59	14.70	15.54	12.57	13.08	8.63	10.08	15.53	16.32
Maine	14.49	15.39	11.36	12.15	8.10	9.20	.00	.00	11.58	12.46
Massachusetts	15.50	15.17	13.84	14.09	12.94	13.31	4.22	6.17	14.05	14.14
New Hampshire	16.56	16.92	13.47	14.29	11.69	12.53	.00	.00	14.30	14.97
Rhode Island	14.41	13.47	11.87	11.94	10.78	10.81	14.02	15.10	12.66	12.34
Vermont	16.52	16.49	14.57	14.34	9.85	9.63	.00	.00	14.05	13.86
Middle Atlantic	15.41	16.03	12.68	13.52	7.35	8.21	12.10	12.94	12.31	13.23
New Jersey	15.94	16.29	12.72	13.48	10.11	11.46	8.91	10.28	13.46	14.18
New York	17.39	18.35	14.63	15.60	6.58	7.62	13.89	14.64	14.73	15.70
Pennsylvania	13.07	13.60	9.38	10.07	7.10	7.79	8.04	9.05	9.54	10.37
East North Central	12.50	12.08	9.69	9.59	6.58	6.47	7.17	6.80	9.33	9.15
Illinois	12.72	12.40	8.55	8.84	6.18	6.40	6.25	6.65	8.94	9.07
Indiana	10.71	10.53	9.11	8.72	6.39	6.16	9.47	9.85	8.23	7.98
Michigan	14.39	13.21	11.31	10.59	7.83	7.43	8.46	9.26	11.10	10.34
Ohio	11.76	11.59	9.42	9.59	6.11	5.92	6.82	6.78	8.88	8.83
Wisconsin	13.45	13.15	10.55	10.40	7.08	7.22	.00	.00	10.10	10.03
West North Central	10.85	10.51	8.50	8.42	6.08	6.01	7.01	6.70	8.43	8.30
Iowa	11.04	10.63	7.84	7.84	5.16	5.01	.00	.00	7.42	7.31
Kansas	11.20	11.02	9.14	9.01	6.97	6.70	.00	.00	9.18	8.92
Minnesota	11.31	11.23	8.58	8.86	6.23	6.51	7.93	8.45	8.51	8.73
Missouri	10.84	10.51	8.61	8.37	5.94	5.98	6.10	5.45	8.83	8.60
Nebraska	9.62	9.09	8.10	7.98	6.42	6.05	.00	.00	7.83	7.65
North Dakota	9.57	9.05	7.84	7.58	6.65	6.17	.00	.00	7.83	7.54
South Dakota	10.47	9.57	8.11	7.70	6.66	6.22	.00	.00	8.57	8.07
South Atlantic	11.43	11.50	9.44	9.52	6.49	6.62	8.84	9.39	9.66	9.74
Delaware	14.42	14.73	9.91	11.00	8.07	9.68	.00	.00	10.84	11.93
District of Columbia	12.39	14.03	12.25	13.13	4.86	7.36	9.48	10.64	12.02	13.06
Florida	11.57	11.67	9.88	10.01	8.17	8.89	8.65	8.84	10.57	10.76
Georgia	10.94	11.33	9.59	10.05	5.68	6.24	8.12	8.15	9.13	9.54
Maryland	13.07	14.08	10.38	11.47	8.11	9.15	8.64	9.50	11.18	12.18
North Carolina	10.78	10.55	8.57	8.01	6.32	5.87	8.03	7.06	8.91	8.42
South Carolina	11.32	11.48	9.20	9.33	5.96	5.98	.00	.00	8.70	8.76
Virginia	11.57	10.88	8.38	7.73	6.77	6.49	8.94	8.25	9.27	8.61
West Virginia	10.48	9.81	8.70	8.23	6.51	6.16	NM	8.51	8.25	7.84
East South Central	10.26	10.32	9.72	9.77	5.86	6.07	11.40	11.47	8.31	8.51
Alabama	11.05	11.24	10.33	10.46	5.99	6.23	.00	.00	8.84	9.12
Kentucky	9.51	9.33	8.96	8.61	5.44	5.63	.00	.00	7.24	7.33
Mississippi	10.28	10.67	9.13	9.74	5.96	6.26	.00	.00	8.37	8.82
Tennessee	10.05	9.97	10.03	10.00	6.31	6.39	11.40	11.47	8.81	8.83
West South Central	10.39	10.77	7.98	8.58	5.36	5.88	10.44	9.83	8.08	8.51
Arkansas	9.19	9.38	7.59	7.67	5.47	5.48	NM	NM	7.28	7.35
Louisiana	8.57	9.24	7.74	8.43	4.82	5.57	8.98	8.59	6.93	7.65
Oklahoma	9.49	9.71	7.13	7.19	5.23	5.51	.00	.00	7.45	7.60
Texas	11.07	11.45	8.21	8.93	5.54	6.10	10.65	10.03	8.55	9.01
Mountain	11.14	10.82	9.13	8.95	6.03	5.94	9.50	9.50	8.80	8.57
Arizona	11.84	11.76	10.05	9.85	6.91	6.86	.00	.00	10.29	10.08
Colorado	11.18	11.14	9.19	9.29	6.97	7.01	9.06	9.27	9.10	9.15
Idaho	8.24	8.10	6.74	6.60	5.29	5.24	.00	.00	6.48	6.58
Montana	10.16	9.79	9.18	9.26	4.90	5.15	.00	.00	8.18	8.20
Nevada	12.10	12.06	8.85	9.17	5.54	5.66	7.84	7.77	8.57	8.49
New Mexico	11.08	10.43	8.80	8.49	5.88	6.02	.00	.00	8.46	8.17
Utah	9.88	8.92	8.48	7.57	5.47	4.94	10.49	10.37	7.82	6.96
Wyoming	10.10	9.16	8.35	7.76	6.02	5.35	.00	.00	7.18	6.48
Pacific Contiguous	12.89	12.54	11.47	11.86	7.45	7.66	7.09	7.91	11.00	11.13
California	15.17	15.14	12.79	13.40	10.11	10.61	7.05	7.90	13.02	13.41
Oregon	9.96	9.52	8.50	8.22	5.49	5.43	8.34	7.90	8.17	8.00
Washington	8.54	8.33	7.52	7.43	3.89	3.78	7.64	8.63	6.71	6.65
Pacific Noncontiguous	30.04	28.14	26.51	24.89	28.09	24.34	.00	.00	28.05	25.70
Alaska	18.35	17.58	14.93	15.33	17.29	14.03	.00	.00	16.53	15.76
Hawaii	37.67	34.58	35.83	32.14	31.88	27.85	.00	.00	34.85	31.29
U.S. Total	11.97	12.01	10.02	10.27	6.57	6.75	9.83	10.80	9.70	9.87

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: - See Glossary for definitions. - Values for 2011 and 2012 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

Totals may not equal sum of components because of independent rounding.

Source: U.S. 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 Cusomters by End-Use Sector, by State, Year-to-Date through May 2012 and 2011 (cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011	May 2012	May 2011
New England	15.97	15.98	13.84	14.31	11.99	12.51	7.07	8.00	14.20	14.54
Connecticut	17.37	18.03	14.76	15.71	12.90	13.50	10.29	10.28	15.63	16.45
Maine	14.80	15.54	11.94	12.52	7.73	9.35	.00	.00	11.94	12.88
Massachusetts	15.39	14.64	13.88	14.07	12.84	13.16	4.75	6.43	14.04	13.95
New Hampshire	16.32	16.49	13.55	14.21	11.68	12.56	.00	.00	14.37	14.89
Rhode Island	14.45	15.66	12.47	12.64	10.91	11.23	14.07	14.03	13.06	13.67
Vermont	16.85	16.09	14.35	13.91	10.04	9.83	.00	.00	14.19	13.74
Middle Atlantic	15.05	15.38	12.59	13.28	7.48	8.34	11.81	12.42	12.42	13.07
New Jersey	16.02	16.33	12.53	13.29	10.28	11.53	9.29	10.56	13.49	14.19
New York	16.86	17.63	14.45	15.22	6.77	8.12	13.30	13.57	14.53	15.38
Pennsylvania	12.95	12.98	9.46	9.97	7.21	7.89	7.91	9.03	9.93	10.41
East North Central	11.97	11.29	9.55	9.39	6.50	6.45	6.57	6.79	9.18	8.99
Illinois	11.90	11.44	8.40	8.54	6.06	6.45	6.20	6.67	8.69	8.81
Indiana	10.45	9.79	9.20	8.66	6.47	6.14	9.87	9.61	8.28	7.87
Michigan	13.71	12.51	10.74	10.13	7.44	7.20	8.36	9.41	10.66	10.05
Ohio	11.30	10.75	9.55	9.64	6.01	5.99	6.76	6.46	8.81	8.75
Wisconsin	13.15	12.73	10.43	10.26	7.23	7.14	.00	.00	10.17	10.02
West North Central	9.98	9.40	8.05	7.83	5.97	5.84	6.81	6.76	8.06	7.82
Iowa	10.37	9.90	7.56	7.58	5.02	5.02	.00	.00	7.31	7.27
Kansas	10.72	10.13	8.92	8.53	6.75	6.55	.00	.00	8.85	8.51
Minnesota	10.95	10.60	8.47	8.43	6.36	6.34	8.31	8.24	8.57	8.49
Missouri	9.41	8.80	7.59	7.37	5.47	5.44	5.62	5.58	7.85	7.58
Nebraska	9.11	8.35	8.04	7.63	6.54	6.01	.00	.00	7.87	7.34
North Dakota	8.41	7.67	7.57	7.08	6.52	6.07	.00	.00	7.50	7.01
South Dakota	9.54	8.70	7.90	7.48	6.49	6.23	.00	.00	8.26	7.77
South Atlantic	11.25	10.95	9.45	9.42	6.41	6.55	8.14	8.99	9.62	9.58
Delaware	13.56	13.53	9.92	10.93	7.98	9.40	.00	.00	10.81	11.68
District of Columbia	12.17	13.96	12.26	13.26	5.10	7.19	8.57	10.69	11.98	13.19
Florida	11.58	11.55	9.93	9.98	8.26	8.92	8.53	8.96	10.59	10.70
Georgia	10.50	10.39	9.44	9.78	5.54	6.23	7.33	7.37	8.88	9.18
Maryland	12.83	13.61	10.62	11.56	8.16	9.08	7.83	9.01	11.32	12.25
North Carolina	10.69	9.95	8.59	7.92	6.21	5.80	7.79	6.86	8.96	8.40
South Carolina	11.49	10.86	9.38	9.14	5.85	5.76	.00	.00	8.77	8.58
Virginia	11.06	10.07	8.27	7.63	6.77	6.44	8.81	7.83	9.14	8.49
West Virginia	9.80	9.09	8.49	8.01	6.30	6.03	NM	9.12	8.12	7.72
East South Central	10.04	9.80	9.67	9.59	5.78	5.83	11.35	12.53	8.21	8.24
Alabama	11.13	10.71	10.47	10.21	5.81	5.81	.00	.00	8.77	8.70
Kentucky	9.12	8.89	8.56	8.32	5.25	5.16	.00	.00	6.96	6.93
Mississippi	10.31	10.14	9.38	9.60	5.95	6.34	.00	.00	8.43	8.69
Tennessee	9.72	9.57	9.92	9.94	6.55	6.63	11.35	12.53	8.79	8.82
West South Central	10.38	10.27	8.17	8.55	5.39	5.80	10.26	9.79	8.10	8.35
Arkansas	8.90	8.41	7.55	7.21	5.28	5.20	NM	NM	7.18	6.95
Louisiana	8.46	8.63	7.99	8.36	4.88	5.44	8.37	8.57	6.95	7.41
Oklahoma	9.47	8.98	7.13	7.09	5.11	5.26	.00	.00	7.36	7.31
Texas	11.18	11.15	8.42	8.94	5.64	6.11	10.54	9.98	8.64	8.95
Mountain	10.42	10.05	8.62	8.48	5.77	5.70	9.16	9.02	8.34	8.16
Arizona	10.78	10.54	9.12	9.07	6.06	6.23	.00	.00	9.23	9.15
Colorado	10.81	10.69	8.84	8.88	6.70	6.71	9.13	9.30	8.87	8.87
Idaho	8.04	7.87	6.58	6.52	4.99	4.77	.00	.00	6.60	6.53
Montana	9.76	9.39	9.04	9.04	4.93	5.18	.00	.00	8.12	8.12
Nevada	12.08	11.91	8.92	9.24	5.46	5.67	7.58	7.81	8.43	8.53
New Mexico	10.82	10.15	8.66	8.31	5.61	5.88	.00	.00	8.32	8.10
Utah	9.45	8.41	7.79	6.94	5.27	4.72	9.53	8.87	7.42	6.64
Wyoming	9.44	8.67	8.07	7.57	5.95	5.26	.00	.00	7.09	6.45
Pacific Contiguous	12.41	12.21	10.99	11.16	7.34	7.42	7.72	7.97	10.74	10.76
California	15.06	15.04	12.21	12.57	9.90	10.19	7.71	7.98	12.77	12.99
Oregon	9.77	9.39	8.37	8.17	5.52	5.38	8.24	7.70	8.28	8.05
Washington	8.41	8.15	7.72	7.50	4.10	3.94	7.85	8.53	7.00	6.81
Pacific Noncontiguous	28.30	25.40	25.17	22.83	26.96	22.86	.00	.00	26.71	23.66
Alaska	17.81	16.87	14.69	14.86	17.10	15.18	.00	.00	16.28	15.63
Hawaii	37.04	32.05	34.93	29.70	30.79	25.67	.00	.00	33.99	28.94
U.S. Total	11.71	11.43	9.94	10.05	6.51	6.65	9.81	10.47	9.62	9.67

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: - See Glossary for definitions. - Values for 2011 and 2012 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

Totals may not equal sum of components because of independent rounding.

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

Table A1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, 05 2012

Census Region and State	Petroleum Liquids	Natural Gas	Hydroelectric Conventional	Nuclear	Coal
New England	14.3681	1.2869	9.2471	0	85.3724
Connecticut	14.2915	2.8195	65.9699	0	0
Maine	22.749	6.5925	15.2361	.	0
Massachusetts	31.9254	2.2402	12.8071	0	107.6077
New Hampshire	141.3353	0.5144	14.4137	0	0
Rhode Island	118.6032	2.247	713.9964	.	.
Vermont	315.2972	0	35.5757	0	.
Middle Atlantic	6.8902	1.2935	2.9983	0	2.0691
New Jersey	68.4272	2.2397	14.6827	0	0
New York	10.8697	2.2965	3.3477	0	32.9052
Pennsylvania	7.0258	1.4824	6.5036	0	1.9841
East North Central	3.2725	2.1867	10.74	0	0.503
Illinois	11.747	5.0442	76.2338	0	0.3643
Indiana	5.1912	2.6145	26.2932	.	0.7716
Michigan	7.0903	3.334	12.8385	0	1.8039
Ohio	3.2435	7.157	44.5523	0	1.1854
Wisconsin	22.7796	4.5252	20.4419	0	1.7642
West North Central	5.0899	5.7704	5.5106	0	0.9656
Iowa	7.6521	30.5322	31.6902	0	2.7697
Kansas	19.4981	14.8638	356.5967	0	0
Minnesota	15.962	6.1871	31.2351	0	5.5578
Missouri	11.686	7.455	5.3368	0	1.2386
Nebraska	11.1502	37.4516	25.639	0	2.5297
North Dakota	10.5682	498.461	0	.	3.4978
South Dakota	198.8176	96.9943	0	.	8.4626
South Atlantic	3.0665	0.4425	3.2378	0	0.4117
Delaware	30.2396	4.2042	.	.	2.2182
District of Columbia	0	0	.	.	.
Florida	4.788	0.5862	101.0876	0	0.5224
Georgia	18.9053	0.8273	7.2016	0	0.1448
Maryland	12.5005	3.4231	0.9278	0	2.2323
North Carolina	8.2623	1.5365	11.2824	0	0.9669
South Carolina	13.7305	2.5493	7.7424	0	1.1922
Virginia	8.6883	1.0133	3.5711	0	4.3442
West Virginia	1.8409	9.0875	15.0664	.	0.6344
East South Central	7.3671	0.7674	8.1255	0	0.5391
Alabama	27.1556	1.2723	13.9987	0	0.5834
Kentucky	5.6482	2.9135	14.2376	.	1.1036
Mississippi	12.9191	1.0104	.	0	0
Tennessee	2.9605	0.8777	11.5401	0	0.155
West South Central	4.1026	0.672	8.2285	0	0.0855
Arkansas	20.0729	2.0628	10.7753	0	0
Louisiana	1.8169	1.1404	0	0	0
Oklahoma	15.7436	1.0506	15.2962	.	0.6174
Texas	6.4152	0.953	37.874	0	0
Mountain	8.6546	1.6458	3.1849	0	2.5237
Arizona	5.537	1.2878	2.8993	0	0.3575
Colorado	55.0286	5.1518	16.3535	.	1.7862
Idaho	1438.9875	69.3581	6.647	.	70.4778
Montana	11.3008	170.6689	4.1926	.	18.9465
Nevada	10.1235	1.3965	3.9045	.	0
New Mexico	9.0915	6.7187	60.2314	.	10.8433
Utah	38.1857	6.37	34.0529	.	3.5088
Wyoming	24.1234	56.8376	7.0919	.	7.1642
Pacific Contiguous	25.4159	2.552	1.0911	0	16.4519
California	12.3343	2.5584	3.2534	0	16.8477
Oregon	0	11.3639	2.2574	.	0
Washington	95.3488	36.4553	1.1384	0	0
Pacific Noncontiguous	1.5839	14.2911	21.7001	.	4.3712
Alaska	7.9889	14.2911	22.3204	.	12.5269
Hawaii	1.4421	.	89.693	.	3.4399
U.S. Total	1.5185	0.4463	1.1327	0	0.3849

* = 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 '*').

Table A1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, 05 2012 (Continued)

Census Region and State	Wind	All Fuels	Other Renewables	Solar Thermal and Photovoltaic	Other Energy Sources	Geothermal
New England	11.8436	1.125	3.6767	118.5005	3.597	.
Connecticut	.	1.256	4.347	.	4.4386	.
Maine	5.0293	5.3424	2.5288	.	12.2755	.
Massachusetts	64.0141	2.5029	7.534	129.062	4.6639	.
New Hampshire	31.1356	1.6752	14.2803	.	29.2441	.
Rhode Island	270.8556	2.2415	18.6889	.	.	.
Vermont	0	6.0555	16.2257	297.638	.	.
Middle Atlantic	4.097	0.6784	2.7086	29.6181	3.6729	.
New Jersey	129.5456	1.1016	11.2297	35.6392	5.3703	.
New York	2.947	1.3765	2.7331	20.7603	6.2058	.
Pennsylvania	8.3675	0.8954	4.1953	81.778	5.2917	.
East North Central	1.3499	0.4565	1.7139	64.3523	5.0747	.
Illinois	1.8507	0.3244	1.8279	26.2958	0	.
Indiana	0.5712	0.7395	1.4941	.	2.9761	.
Michigan	10.2063	1.216	5.8383	.	9.1117	.
Ohio	5.3791	1.4394	6.0484	89.7813	0	.
Wisconsin	4.3959	1.7723	4.452	.	42.8745	.
West North Central	0.7917	0.7919	0.806	.	9.812	173.5444
Iowa	0.7893	2.1016	0.8005	.	.	.
Kansas	0.5867	1.5436	0.5867	.	.	.
Minnesota	2.6235	2.4397	2.4224	.	10.7584	173.5444
Missouri	1.3887	1.1262	1.8243	.	0	.
Nebraska	2.487	2.6787	2.7872	.	.	.
North Dakota	2.7786	2.664	2.7783	.	37.7456	.
South Dakota	1.8985	4.4661	1.8985	.	0	.
South Atlantic	3.9461	0.2402	1.5979	23.231	2.705	.
Delaware	255.7719	3.2424	29.1775	125.3965	.	.
District of Columbia	.	0	.	.	.	.
Florida	.	0.4286	3.1985	22.8789	2.8849	.
Georgia	.	0.3905	4.0106	.	7.368	.
Maryland	17.4286	1.0857	5.8173	190.1102	0.7452	.
North Carolina	.	0.6356	4.5311	56.902	55.9908	.
South Carolina	.	0.63	1.1751	.	0	.
Virginia	.	0.9228	2.7614	.	4.1031	.
West Virginia	0	0.7111	0	.	0	.
East South Central	0	0.4098	2.627	.	74.0094	.
Alabama	.	0.6561	3.7305	.	0	.
Kentucky	.	1.0255	5.4921	.	0	.
Mississippi	.	0.8339	2.9645	.	143.2821	.
Tennessee	0	0.7126	7.9989	.	0	.
West South Central	0.6616	0.3576	0.7161	38.1449	12.546	.
Arkansas	.	0.6634	3.0409	.	0	.
Louisiana	.	0.7688	5.7341	.	8.3917	.
Oklahoma	0.8393	0.7304	1.0672	.	0	.
Texas	0.795	0.5012	0.819	38.1449	20.334	.
Mountain	1.6591	1.311	1.7852	9.0366	6.0787	5.9922
Arizona	7.013	0.4007	7.98	12.1395	0	.
Colorado	2.0522	1.9291	2.384	30.4407	38.7319	0
Idaho	10.5546	5.9411	7.8285	.	0	25.4838
Montana	5.5094	5.5525	5.5094	.	0	0
Nevada	.	1.2852	5.6253	8.0079	0	6.6402
New Mexico	0.5766	7.6071	4.7189	33.7764	.	.
Utah	3.1864	3.0846	2.8655	387.1273	186.225	2.3432
Wyoming	3.0544	6.1438	3.0544	.	0	.
Pacific Contiguous	1.1075	0.9317	1.1519	9.4216	8.5264	2.3884
California	1.8308	1.5554	1.5382	9.3545	9.9778	2.3884
Oregon	1.9212	1.9496	2.2041	215.5033	35.2355	.
Washington	1.6442	1.1234	1.6419	0	14.9708	.
Pacific Noncontiguous	12.2815	3.7942	5.4431	207.0204	0	0
Alaska	129.9171	9.291	102.7824	.	0	.
Hawaii	11.4668	1.6971	5.101	207.0204	0	0
U.S. Total	0.4893	0.2213	0.5884	7.6066	2.6261	2.4972

* = 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 "**).)

A1.B Total (All Sectors) by Census Division and State, Year-to-Date

Census Region and State	Petroleum Liquids	Natural Gas	Hydroelectric Conventional	Nuclear	Coal
New England	5.6178	0.6751	5.1624	0	7.3392
Connecticut	19.1721	1.172	28.7504	0	0
Maine	5.3325	1.7139	7.9195	.	0
Massachusetts	9.6287	1.1006	8.0701	0	12.0508
New Hampshire	14.022	2.7232	9.6008	0	7.8345
Rhode Island	60.7771	1.0839	288.8315	.	.
Vermont	160.2327	0	16.7897	0	.
Middle Atlantic	7.0653	0.6035	1.5468	0	0.977
New Jersey	79.7163	1.1849	9.4266	0	0
New York	9.5418	1.1867	1.6545	0	11.5347
Pennsylvania	8.9794	0.5811	4.2947	0	0.8684
East North Central	1.6626	0.6774	5.4216	0	0.3365
Illinois	3.3397	1.8639	40.0731	0	0.1519
Indiana	2.3717	1.1218	14.6884	.	0.2577
Michigan	4.9749	1.326	6.9942	0	1.678
Ohio	1.0081	1.3461	20.2013	0	0.6507
Wisconsin	17.056	1.9013	9.7888	0	1.4048
West North Central	3.1415	3.1075	2.5487	0	0.3789
Iowa	4.5848	17.8335	15.1892	0	1.0477
Kansas	5.5808	9.9568	170.7252	0	0
Minnesota	22.2103	2.8685	15.1991	0	1.6731
Missouri	3.44	4.5057	3.7134	0	0.5278
Nebraska	3.4281	30.8488	12.2824	0	0.9082
North Dakota	8.745	120.4323	0	.	1.3447
South Dakota	41.5451	73.6762	0	.	4.0293
South Atlantic	2.5637	0.2319	2.0303	0	0.2168
Delaware	10.7676	1.8377	.	.	2.453
District of Columbia	0	0	.	.	.
Florida	5.5597	0.2977	44.4807	0	0.3272
Georgia	6.7916	0.4746	4.4206	0	0.1036
Maryland	4.8849	2.6034	0.9659	0	0.9718
North Carolina	8.0993	0.685	5.5335	0	0.5808
South Carolina	8.4988	1.1018	4.7994	0	0.6437
Virginia	4.267	0.7733	2.9129	0	2.3337
West Virginia	0.9392	33.5616	7.9957	.	0.17
East South Central	2.7344	0.3996	2.1221	0	0.2568
Alabama	11.757	0.6686	2.9287	0	0.3977
Kentucky	2.2817	1.8331	3.8096	.	0.4488
Mississippi	14.2615	0.4286	.	0	0
Tennessee	1.0678	0.5899	3.6024	0	0.1039
West South Central	1.9957	0.2982	3.7159	0	0.1332
Arkansas	3.5604	0.8686	4.3711	0	0
Louisiana	1.9694	0.6496	0	0	0
Oklahoma	10.7198	0.9973	7.7265	.	0.3574
Texas	3.2589	0.3638	16.1593	0	0.1991
Mountain	3.6619	0.6437	1.5432	0	0.5827
Arizona	3.8837	0.6968	1.1748	0	0.1926
Colorado	26.3262	1.972	7.5224	.	0.6865
Idaho	342.543	6.539	3.2279	.	34.8529
Montana	25.1977	117.2547	2.3505	.	3.3763
Nevada	1.6133	0.667	1.7307	.	0
New Mexico	7.3035	2.5514	28.832	.	2.3183
Utah	8.6773	2.9242	16.2835	.	1.3561
Wyoming	8.4194	17.0233	5.8558	.	1.4864
Pacific Contiguous	10.0202	0.7711	0.5528	0	2.4289
California	5.4122	0.8559	2.0988	0	6.475
Oregon	0	0.7445	1.029	.	0
Washington	31.6773	5.0396	0.58	0	0
Pacific Noncontiguous	1.4704	4.8008	8.9986	.	2.3604
Alaska	2.8447	4.8008	9.2136	.	6.4159
Hawaii	1.6224	.	39.7495	.	1.7936
U.S. Total	1.2565	0.1825	0.5795	0	0.1523

* = 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 '*').

A1.B Total (All Sectors) by Census Division and State, Year-to-Date (Continued)

Census Region and State	Wind	All Fuels	Other Renewables	Solar Thermal and Photovoltaic	Other Energy Sources	Geothermal
New England	2.8171	0.5709	1.5242	65.4278	1.6737	.
Connecticut	.	0.591	2.6346	.	2.145	.
Maine	1.0854	2.2127	0.9995	.	4.6951	.
Massachusetts	23.6442	1.1033	3.4413	71.3495	2.3525	.
New Hampshire	18.2744	1.3883	6.6942	.	14.7747	.
Rhode Island	86.8743	1.0923	10.8584	.	.	.
Vermont	0	3.4358	7.4756	163.1505	.	.
Middle Atlantic	0.9459	0.3076	0.9161	15.1667	1.7498	.
New Jersey	41.1789	0.4898	4.5572	19.7868	2.8103	.
New York	0.7498	0.6997	0.9781	5.5198	3.1008	.
Pennsylvania	2.0053	0.3619	1.4483	44.5006	2.2339	.
East North Central	0.376	0.2171	0.5729	36.3342	2.5962	.
Illinois	0.5726	0.1252	0.6433	20.9478	25.8279	.
Indiana	0.1518	0.2663	0.5527	.	1.4395	.
Michigan	2.5647	0.8323	2.4648	.	4.1774	.
Ohio	1.0529	0.5025	1.8736	49.4548	0	.
Wisconsin	1.4298	0.8715	1.5809	.	14.3528	.
West North Central	0.317	0.311	0.3342	.	4.6846	173.5444
Iowa	0.3302	0.7737	0.3431	.	.	.
Kansas	0.9211	0.6803	0.9211	.	.	.
Minnesota	1.0053	0.8733	0.984	.	5.0255	173.5444
Missouri	0.4553	0.4905	0.8287	.	0	.
Nebraska	0.8369	0.9461	1.1338	.	.	.
North Dakota	0.96	1.047	0.9621	.	19.3518	.
South Dakota	0.7016	1.6293	0.7016	.	0	.
South Atlantic	0.7659	0.1277	0.732	9.8555	1.1499	.
Delaware	97.5151	1.575	12.3756	68.7713	.	.
District of Columbia	.	0	.	.	.	.
Florida	.	0.218	1.5984	9.2084	1.27	.
Georgia	.	0.2402	1.8828	.	3.9556	.
Maryland	3.7108	0.5481	2.1917	111.8408	0.1879	.
North Carolina	.	0.35	1.9883	25.5324	31.7964	.
South Carolina	.	0.3277	0.6374	.	0	.
Virginia	.	0.5293	1.6776	.	2.1376	.
West Virginia	0	0.2943	0	.	0	.
East South Central	0	0.2083	1.2748	.	39.2158	.
Alabama	.	0.3395	1.7814	.	0	.
Kentucky	.	0.4326	4.2256	.	0	.
Mississippi	.	0.3293	1.299	.	61.0584	.
Tennessee	0	0.4923	4.0139	.	115.8813	.
West South Central	0.4437	0.1639	0.4376	17.3459	5.3606	.
Arkansas	.	0.3257	1.4732	.	0	.
Louisiana	.	0.391	2.8213	.	3.9029	.
Oklahoma	0.8897	0.5849	0.9276	.	0	.
Texas	0.5017	0.2055	0.5014	17.3459	8.4515	.
Mountain	0.6402	0.3726	0.6579	5.6231	1.9964	2.3032
Arizona	4.8422	0.2027	4.3597	8.9924	0	.
Colorado	1.0441	0.7008	1.0966	19.5444	19.0386	85.6452
Idaho	3.8371	2.5351	3.005	.	0	10.2876
Montana	1.787	1.9839	1.787	.	0	0
Nevada	.	0.5661	2.3037	4.3257	0	2.5281
New Mexico	1.0225	1.7099	1.6459	17.0236	.	.
Utah	2.4237	1.2352	1.9169	387.1273	2.8822	1.2697
Wyoming	0.8258	1.2966	0.8258	.	0	.
Pacific Contiguous	0.7471	0.3676	0.5846	5.5895	3.6071	0.9628
California	1.5844	0.5911	0.8123	5.5498	3.8106	0.9628
Oregon	0.9087	0.7221	1.0116	118.1342	17.4804	.
Washington	0.7123	0.5082	0.7704	0	11.6931	.
Pacific Noncontiguous	8.6253	1.6152	3.669	119.7738	0	0
Alaska	41.318	3.4049	35.3598	.	0	.
Hawaii	8.8102	1.3357	3.6442	119.7738	0	0
U.S. Total	0.2363	0.0915	0.2581	4.4138	1.1127	0.9979

* = 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 "**).)

Table A2.A Electric Utilities by Census Division and State, 05 2012

Census Region and State	Coal	Petroleum Liquids	Natural Gas	Hydroelectric Conventional	Nuclear
New England	0	60.7615	46.3138	28.321	.
Connecticut	.	424.6683	177.8745	236.6735	.
Maine	.	295.1917	.	.	.
Massachusetts	.	57.4906	37.5249	86.5576	.
New Hampshire	0	423.3216	0	17.9434	.
Rhode Island	.	115.6913	.	.	.
Vermont	.	315.2972	0	56.3798	.
Middle Atlantic	0	13.5565	7.3686	1.6264	.
New Jersey	0	271.4618	.	0	.
New York	0	12.8503	7.3353	1.7064	.
Pennsylvania	.	540.491	485.4156	6.0855	.
East North Central	0.7217	3.5523	3.6629	10.9852	0
Illinois	2.1355	30.3996	74.2116	205.8774	.
Indiana	0.8159	3.8953	2.953	26.2932	.
Michigan	1.8133	7.0784	15.7992	12.8611	0
Ohio	1.7839	3.7065	4.8533	44.5523	.
Wisconsin	1.7969	21.4233	8.5061	21.526	.
West North Central	0.9689	5.1542	7.0875	5.3561	0
Iowa	2.898	7.3123	30.6508	31.6659	.
Kansas	0	19.4981	14.8638	.	0
Minnesota	5.7433	33.929	7.3356	39.7411	0
Missouri	1.2397	11.6008	12.63	5.3368	0
Nebraska	2.5283	11.1502	37.4569	25.639	0
North Dakota	3.5037	5.8382	920.2121	0	.
South Dakota	8.4626	211.8137	96.9943	0	.
South Atlantic	0.2304	2.9933	0.4208	3.7567	0
Delaware	.	640.5289	334.4654	.	.
District of Columbia	.	.	0	.	.
Florida	0	4.5539	0.5033	101.0876	0
Georgia	0	17.3287	0.9281	7.0846	0
Maryland	.	168.626	0	.	.
North Carolina	0	5.7886	1.8248	11.1997	0
South Carolina	1.1977	15.0478	2.755	7.6313	0
Virginia	0	6.6396	0	3.2476	0
West Virginia	0.8623	1.8409	0	60.7626	.
East South Central	0.5473	2.0768	1.4023	8.1184	0
Alabama	0.4759	0	4.8224	13.9987	0
Kentucky	1.1036	5.6482	2.6695	14.0309	.
Mississippi	0	13.2843	1.2886	.	0
Tennessee	0	0.578	0	11.5401	0
West South Central	0	2.169	1.0207	9.6479	0
Arkansas	0	0	10.9001	10.4273	0
Louisiana	0	3.62	1.737	.	0
Oklahoma	0	5.6654	1.3265	15.2962	.
Texas	0	3.6746	1.7923	38.4872	.
Mountain	2.4897	9.9001	1.9437	3.1869	0
Arizona	0	1.39	1.4795	2.8993	0
Colorado	1.758	54.8554	7.863	16.2758	.
Idaho	.	1438.9875	85.4254	6.894	.
Montana	183.4118	552.8006	218.2378	3.6359	.
Nevada	0	24.0847	0	2.3218	.
New Mexico	10.8433	7.0582	11.0003	60.2314	.
Utah	3.1032	38.1857	4.923	34.2532	.
Wyoming	7.1079	23.8527	200.4306	6.5796	.
Pacific Contiguous	0	18.8022	3.6657	1.0408	0
California	.	11.8694	3.1918	3.0417	0
Oregon	0	0	91.698	2.2163	.
Washington	.	375.5109	57.4478	1.1182	0
Pacific Noncontiguous	0	1.418	14.2493	22.2505	.
Alaska	0	7.835	14.2493	22.3204	.
Hawaii	.	1.0235	.	226.6691	.
U.S. Total	0.4422	1.4411	0.6204	1.058	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 '*').

Table A2.A Electric Utilities by Census Division and State, 05 2012 (Continued)

Census Region and State	Solar Thermal and Photovoltaic	All Fuels	Wind	Other Renewables	Other Energy Sources	Geothermal
New England	165.8652	15.208	64.7411	6.9059	.	.
Connecticut	.	142.6024	.	.	.	.
Maine	.	295.1917	.	.	.	.
Massachusetts	165.8652	37.6589	70.6986	65.7898	.	.
New Hampshire	.	8.9394	.	0	.	.
Rhode Island	.	115.6913	.	.	.	.
Vermont	.	31.8389	0	0	.	.
Middle Atlantic	83.0016	2.9917	.	83.0016	.	.
New Jersey	83.0016	19.4889	.	83.0016	.	.
New York	.	3.1272	.	.	.	.
Pennsylvania	.	9.0054	.	.	.	.
East North Central	71.1756	0.7439	3.4682	3.137	0	.
Illinois	.	3.774	142.8194	142.8194	.	.
Indiana	.	0.8109	.	12.7132	0	.
Michigan	.	1.4984	.	0	0	.
Ohio	71.1756	1.675	130.8247	110.7076	.	.
Wisconsin	.	2.8604	1.3672	1.1665	0	.
West North Central	.	0.8905	0.6532	0.7473	5.5558	.
Iowa	.	2.8003	0.5778	0.5966	.	.
Kansas	.	1.6782	0	0	.	.
Minnesota	.	2.9818	2.2445	2.8655	0	.
Missouri	.	1.1827	.	30.1991	0	.
Nebraska	.	2.7747	18.9824	15.892	.	.
North Dakota	.	3.0106	3.7686	3.7686	37.7456	.
South Dakota	.	5.5609	1.91	1.91	0	.
South Atlantic	13.3177	0.2039	.	2.9744	0	.
Delaware	387.1273	310.1221	.	387.1273	.	.
District of Columbia	.	0	.	.	.	.
Florida	0	0.3582	.	1.7079	.	.
Georgia	.	0.371	.	0	.	.
Maryland	441.3689	121.5687	.	167.491	.	.
North Carolina	215.5079	0.4535	.	215.5079	.	.
South Carolina	.	0.6305	.	4.7021	.	.
Virginia	.	0.3457	.	0	.	.
West Virginia	.	0.9946	.	0	0	.
East South Central	.	0.4859	0	20.9843	0	.
Alabama	.	0.9394	.	151.5459	.	.
Kentucky	.	1.0307	.	21.204	0	.
Mississippi	.	1.1194	.	0	.	.
Tennessee	.	0.7173	0	0	.	.
West South Central	.	0.4546	0.2926	0.2926	.	.
Arkansas	.	0.9306	.	.	.	.
Louisiana	.	0.9364	.	.	.	.
Oklahoma	.	0.8482	0	0	.	.
Texas	.	0.8328	1.7708	1.7708	.	.
Mountain	52.2406	1.4712	3.2844	4.7871	0	0
Arizona	52.2406	0.337	.	45.6299	.	.
Colorado	.	2.2071	27.6154	32.4246	.	.
Idaho	.	7.0777	.	0	.	.
Montana	.	5.8835	58.8796	58.8796	.	.
Nevada	.	0.2643	.	0	0	.
New Mexico	.	9.1996	.	.	.	.
Utah	.	2.8577	.	0	.	0
Wyoming	.	6.5162	1.4816	1.4816	.	.
Pacific Contiguous	50.6456	0.9447	2.2152	2.1537	.	0
California	51.3761	1.8964	8.6883	5.39	.	0
Oregon	338.5589	2.1364	0	1.1958	.	.
Washington	0	1.1592	3.0831	3.0577	.	.
Pacific Noncontiguous	.	5.2457	129.9171	55.2726	0	.
Alaska	.	9.913	129.9171	129.9171	0	.
Hawaii	.	1.4559	.	0	0	.
U.S. Total	23.6472	0.2867	0.8054	0.8842	4.021	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 "**").

Table A2.B Electric Utilities by Census Division and State, Year-to-Date

Census Region and State	Coal	Petroleum Liquids	Natural Gas	Hydroelectric Conventional	Nuclear
New England	7.8345	5.9982	32.7948	15.3536	.
Connecticut	.	71.1959	126.015	105.6692	.
Maine	.	70.268	.	.	.
Massachusetts	.	10.2386	23.882	40.8624	.
New Hampshire	7.8345	3.2656	126.5706	12.1608	.
Rhode Island	.	27.5391	.	.	.
Vermont	.	160.2327	0	26.9437	.
Middle Atlantic	0	23.8261	4.0104	0.795	.
New Jersey	0	140.5252	.	0	.
New York	0	24.2978	3.9947	0.8148	.
Pennsylvania	.	128.6591	252.7223	4.0236	.
East North Central	0.472	1.8728	1.3464	5.5758	0
Illinois	0.8332	10.3899	68.3976	89.0329	.
Indiana	0.2776	1.7724	1.1125	14.6884	.
Michigan	1.6936	5.0088	5.3608	7.0534	0
Ohio	0.8587	1.1827	1.8884	20.2013	.
Wisconsin	1.4409	17.8765	3.2468	10.3086	.
West North Central	0.3771	3.0621	3.6246	2.4724	0
Iowa	1.0683	4.5391	18.0563	15.1932	.
Kansas	0	5.5808	9.9568	.	0
Minnesota	1.6843	35.6926	3.0527	19.1509	0
Missouri	0.5281	3.4278	6.354	3.7134	0
Nebraska	0.9063	3.4281	30.8756	12.2824	0
North Dakota	1.3455	6.3681	680.9952	0	.
South Dakota	4.0293	42.949	73.6762	0	.
South Atlantic	0.096	3.1636	0.2232	2.3539	0
Delaware	.	356.888	167.3281	.	.
District of Columbia	.	.	0	.	.
Florida	0	5.6782	0.2538	44.4807	0
Georgia	0	8.4658	0.3936	4.373	0
Maryland	.	41.8385	0	.	.
North Carolina	0	8.0498	0.8032	5.5124	0
South Carolina	0.6403	9.399	1.0932	4.7408	0
Virginia	0	6.8872	1.1673	2.6968	0
West Virginia	0.2042	0.9392	183.9712	28.9041	.
East South Central	0.2578	0.8982	0.7283	2.1195	0
Alabama	0.3285	0	2.5413	2.9287	0
Kentucky	0.4488	2.2817	1.3154	3.7578	.
Mississippi	0	16.4178	0.4945	.	0
Tennessee	0	0.1106	0	3.6024	0
West South Central	0.2161	1.4345	0.7203	4.2943	0
Arkansas	0	0	7.2192	4.2336	0
Louisiana	0	6.6419	1.0946	.	0
Oklahoma	0	2.9979	1.413	7.7265	.
Texas	0.4577	2.3658	1.126	16.3658	.
Mountain	0.5487	3.7845	0.7247	1.5277	0
Arizona	0	1.5672	0.5679	1.1748	0
Colorado	0.6641	26.4336	2.5619	7.4626	.
Idaho	.	342.543	51.1151	3.2809	.
Montana	64.3597	549.1292	172.5715	2.1015	.
Nevada	0	2.1231	0	1.0321	.
New Mexico	2.3183	7.2746	4.217	28.832	.
Utah	1.2063	8.6773	1.9633	16.3796	.
Wyoming	1.3861	8.1631	116.1622	5.4939	.
Pacific Contiguous	0	14.4721	1.2726	0.5283	0
California	.	4.2237	1.3789	1.9542	0
Oregon	0	0	0.5974	1.0107	.
Washington	.	91.8059	6.2775	0.5704	0
Pacific Noncontiguous	0	0.8188	4.7831	9.2027	.
Alaska	0	2.8802	4.7831	9.2136	.
Hawaii	.	0.8291	.	108.6575	.
U.S. Total	0.1631	0.9403	0.2861	0.5244	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 '*').

Table A2.B Electric Utilities by Census Division and State, Year-to-Date (Continued)

Census Region and State	Solar Thermal and Photovoltaic	All Fuels	Wind	Other Renewables	Other Energy Sources	Geothermal
New England	90.9314	6.2681	23.1252	4.9013	.	.
Connecticut	.	82.8516	.	.	.	.
Maine	.	70.268	.	.	.	.
Massachusetts	90.9314	22.551	28.1422	27.2594	.	.
New Hampshire	.	5.6322	.	7.1002	.	.
Rhode Island	.	27.5391	.	.	.	.
Vermont	.	18.0508	0	0	.	.
Middle Atlantic	46.483	1.3713	.	46.483	.	.
New Jersey	46.483	6.5906	.	46.483	.	.
New York	.	1.4219	.	.	.	.
Pennsylvania	.	5.0959	.	.	.	.
East North Central	56.6785	0.4122	1.0347	1.4459	0	.
Illinois	.	1.4837	49.0169	49.0169	.	.
Indiana	.	0.2854	.	7.7719	0	.
Michigan	.	1.1031	.	0	0	.
Ohio	56.6785	0.8048	41.643	38.5381	.	.
Wisconsin	.	1.352	0.4024	0.4426	0	.
West North Central	.	0.3443	0.259	0.3122	3.1361	.
Iowa	.	1.0107	0.2193	.	0.2385	.
Kansas	.	0.7361	0	0	.	.
Minnesota	.	1.0002	0.9711	1.2822	0	.
Missouri	.	0.5065	.	19.3083	0	.
Nebraska	.	0.9777	5.2556	5.484	.	.
North Dakota	.	1.183	1.4743	1.4743	19.3518	.
South Dakota	.	2.0795	0.6738	0.6738	0	.
South Atlantic	4.9234	0.1099	.	1.604	0	.
Delaware	219.1048	159.5739	.	219.1048	.	.
District of Columbia	.	0	.	.	.	.
Florida	0	0.1792	.	1.2438	.	.
Georgia	.	0.2293	.	0	.	.
Maryland	249.8023	46.9657	.	81.8147	.	.
North Carolina	118.1371	0.2536	.	118.1371	.	.
South Carolina	.	0.3269	.	2.7395	.	.
Virginia	.	0.3477	.	0	.	.
West Virginia	.	0.4163	.	0	0	.
East South Central	.	0.2432	0	12.9465	0	.
Alabama	.	0.4719	.	108.9906	.	.
Kentucky	.	0.4314	.	13.053	0	.
Mississippi	.	0.3951	.	0	.	.
Tennessee	.	0.5025	0	0	.	.
West South Central	.	0.295	2.1894	2.1894	.	.
Arkansas	.	0.4526	.	.	.	.
Louisiana	.	0.448	.	.	.	.
Oklahoma	.	0.7418	2.5616	2.5616	.	.
Texas	.	0.5493	0.9782	0.9782	.	.
Mountain	27.7276	0.3901	0.9171	1.256	0	0
Arizona	27.7276	0.1256	.	22.6001	.	.
Colorado	.	0.7727	12.6756	13.5455	.	.
Idaho	.	3.3256	.	0	.	.
Montana	.	3.234	18.9593	18.9593	.	.
Nevada	.	0.1282	.	0	0	.
New Mexico	.	2.0583	.	.	.	.
Utah	.	1.1121	.	0	.	0
Wyoming	.	1.3031	0.3986	0.3986	.	.
Pacific Contiguous	28.2522	0.4167	1.1058	1.0263	.	0
California	28.7141	0.8339	6.398	2.705	.	0
Oregon	185.5791	0.8682	0	0.8178	.	.
Washington	0	0.5336	1.2404	1.3235	.	.
Pacific Noncontiguous	.	1.9409	41.318	23.0861	0	.
Alaska	.	3.6015	41.318	41.318	0	.
Hawaii	.	0.9116	.	0	0	.
U.S. Total	11.28	0.1178	0.3676	0.4011	2.0085	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 "**").

Table A3.A Independent Power Producers by Census Division and State, 05 2012

Census Region and State	Coal	Nuclear	Hydroelectric Conventional	Petroleum Liquids	Natural Gas
New England	92.8803	0	10.4625	14.4941	1.1557
Connecticut	0	0	68.6549	13.6524	2.3857
Maine	0	.	18.932	84.7856	3.7732
Massachusetts	112.9076	0	10.9079	37.0441	2.1828
New Hampshire	.	0	18.1696	4233.4769	0
Rhode Island	.	.	713.9964	783.5477	2.1438
Vermont	.	0	45.4333	.	.
Middle Atlantic	2.083	0	11.4951	8.3958	1.1075
New Jersey	0	0	303.963	60.9749	2.1664
New York	38.2829	0	18.8364	26.0074	2.0224
Pennsylvania	1.9889	0	9.521	6.665	1.3589
East North Central	0.1048	0	55.0985	4.7367	2.634
Illinois	0.0635	0	65.6936	0	3.3405
Indiana	0	.	.	94792.2806	4.4079
Michigan	26.1503	0	95.4321	0	2.1447
Ohio	0	0	.	6.503	10.7224
Wisconsin	0	0	101.7074	0	0
West North Central	.	0	63.9949	9.2286	2.4914
Iowa	.	0	318.3969	430.5049	2239.9943
Kansas	.	.	356.5967	.	.
Minnesota	.	.	66.4012	2.2008	5.435
Missouri	.	.	.	0	2.1838
South Dakota	.	.	.	588.8317	.
South Atlantic	1.9429	0	4.5531	8.5303	1.1994
Delaware	2.2182	.	.	28.1686	3.9328
District of Columbia	.	.	.	0	.
Florida	7.0606	.	.	135.9437	3.5087
Georgia	.	.	416.7196	4033.3374	1.2229
Maryland	2.2587	0	0.9278	11.3005	3.3462
North Carolina	29.0934	.	232.6978	441.6175	0.6916
South Carolina	0	.	172.912	0	6.7248
Virginia	29.1064	.	169.8583	21.8565	2.5091
West Virginia	0.6069	.	8.737	0	0
East South Central	0	.	448.6397	161.4641	0.3454
Alabama	0	.	.	161.4641	0.4237
Kentucky	.	.	448.6397	.	0
Mississippi	0	.	.	0	0.4011
West South Central	0	0	10.0897	0	0.9222
Arkansas	0	.	175.8961	0	0
Louisiana	0	.	0	0	0.192
Oklahoma	0	.	.	.	1.5857
Texas	0	0	202.7854	0	1.1878
Mountain	19.1191	.	9.6334	8.5083	2.6595
Arizona	.	.	.	.	2.0976
Colorado	92.7051	.	73.1711	0	6.1757
Idaho	.	.	20.9585	.	95.7484
Montana	18.0829	.	10.2045	7.349	274.6859
Nevada	0	.	149.0814	0	4.6733
New Mexico	.	.	.	567.6979	5.93
Utah	135.065	.	303.8341	0	48.9161
Wyoming	118.392	.	293.2014	.	344.1174
Pacific Contiguous	23.511	.	16.692	109.244	2.9198
California	23.511	.	18.3298	0	3.0429
Oregon	.	.	52.8357	.	10.7716
Washington	0	.	53.6904	218.1437	0
Pacific Noncontiguous	4.222	.	0	4.8942	.
Alaska	42.7852	.	.	.	.
Hawaii	0	.	0	4.8942	.
U.S. Total	0.7327	0	5.0125	3.4979	0.5511

* = 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 '*'.)

Table A3.A Independent Power Producers by Census Division and State, 05 2012 (Continued)

Census Region and State	Solar Thermal and Photovoltaic	All Fuels	Other Renewables	Other Energy Sources	Wind	Geothermal
New England	173.3078	1.0978	5.2032	3.2745	11.7238	.
Connecticut	.	1.0916	4.347	4.1698	.	.
Maine	.	8.3497	4.1095	10.0836	5.0293	.
Massachusetts	212.9906	2.4695	6.8852	4.6639	171.1035	.
New Hampshire	.	1.6879	19.9193	29.2441	31.1356	.
Rhode Island	.	2.1405	18.6889	.	270.8556	.
Vermont	297.638	5.5588	35.1666	.	0	.
Middle Atlantic	32.0615	0.6713	2.7887	3.605	4.0761	.
New Jersey	39.8916	1.0568	10.4806	5.3703	129.5456	.
New York	0	1.4928	2.8418	5.4184	2.8145	.
Pennsylvania	91.704	0.8943	4.595	6.0566	8.3675	.
East North Central	66.8997	0.5072	1.955	7.7787	1.4118	.
Illinois	26.2958	0.1965	1.8088	0	1.8277	.
Indiana	.	1.2427	0.4044	.	0.4044	.
Michigan	.	1.7844	7.2191	7.7787	10.2063	.
Ohio	94.9052	2.4004	7.1344	.	0	.
Wisconsin	.	0.7488	10.7807	.	10.8634	.
West North Central	.	1.0347	1.136	21.8791	1.1286	173.5444
Iowa	.	0.9591	1.5747	.	1.5691	.
Kansas	.	1.3383	0.7487	.	0.7487	.
Minnesota	.	3.3142	3.087	21.8791	3.2717	173.5444
Missouri	.	1.5675	1.5418	.	1.3887	.
Nebraska	.	0	0	.	0	.
North Dakota	.	3.4459	3.4459	.	3.4459	.
South Dakota	.	2.3961	2.3948	.	2.3948	.
South Atlantic	46.4575	0.8627	2.7173	2.8987	3.6249	.
Delaware	132.3096	3.0727	27.9665	.	.	.
District of Columbia	.	0	.	.	.	.
Florida	78.5355	2.6309	4.0067	3.6611	.	.
Georgia	.	1.2881	45.1962	.	.	.
Maryland	210.5628	1.0806	6.3308	0	17.4286	.
North Carolina	56.7966	7.8962	6.4339	54.718	.	.
South Carolina	.	7.2937	43.8423	.	.	.
Virginia	.	4.8133	5.5433	5.3154	.	.
West Virginia	.	0.6014	0	0	0	.
East South Central	.	0.3297	3.2019	.	0	.
Alabama	.	0.4206	0	.	.	.
Kentucky	.	6.1662	.	.	.	.
Mississippi	.	0.3111	0	.	.	.
Tennessee	.	20.617	20.617	.	0	.
West South Central	38.1449	0.484	0.7016	0	0.6934	.
Arkansas	.	0.4366	32.9804	.	.	.
Louisiana	.	0.1217	23.0246	.	.	.
Oklahoma	.	1.1127	1.0494	.	1.0494	.
Texas	38.1449	0.59	0.8087	0	0.8006	.
Mountain	8.6732	2.6089	1.9325	3.2002	1.8136	6.5545
Arizona	9.8194	1.9854	6.2713	0	7.013	.
Colorado	30.4341	3.812	2.2743	43.7169	1.9847	0
Idaho	.	10.6365	9.5965	.	10.5546	25.4838
Montana	.	8.9208	3.8499	0	3.8499	0
Nevada	8.5734	3.6982	5.7031	.	.	6.6402
New Mexico	33.7764	4.0204	4.7166	.	0.4413	.
Utah	387.1273	27.4379	3.7319	186.225	3.1864	685.6588
Wyoming	.	21.265	5.1305	.	5.1305	.
Pacific Contiguous	8.214	1.7845	1.2833	12.5068	1.0344	2.551
California	8.1506	1.9995	1.5497	15.2619	1.3834	2.551
Oregon	279.23	4.2919	2.9527	35.2355	2.5776	.
Washington	.	3.747	0.8782	26.3979	0.6545	.
Pacific Noncontiguous	207.0204	2.8633	6.5516	0	11.4668	0
Alaska	.	42.7852	.	0	.	.
Hawaii	207.0204	2.2784	6.5516	0	11.4668	0
U.S. Total	7.1887	0.3026	0.686	2.1558	0.5246	2.6758

* = 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 '**').

Table A3.B Independent Power Producers by Census Division and State, Year-to-Date

Census Region and State	Coal	Nuclear	Hydroelectric Conventional	Petroleum Liquids	Natural Gas
New England	11.521	0	5.8015	7.7547	0.6426
Connecticut	0	0	29.8578	19.5048	0.9628
Maine	0	.	9.4206	1.0246	0.548
Massachusetts	12.2112	0	7.2003	10.6418	1.0819
New Hampshire	.	0	12.073	1539.1941	2.7128
Rhode Island	.	.	288.8315	1175.0601	1.0274
Vermont	.	0	21.2759	.	.
Middle Atlantic	0.9831	0	6.1815	7.9226	0.4998
New Jersey	0	0	107.5066	70.3949	1.143
New York	12.704	0	8.9555	14.2732	0.9989
Pennsylvania	0.8669	0	6.2439	8.8555	0.5329
East North Central	0.0559	0	25.978	2.3839	0.6836
Illinois	0.0326	0	37.5275	0	1.1763
Indiana	0	.	.	41918.242	3.2991
Michigan	5.4256	0	43.9836	73.5124	1.0139
Ohio	0.2065	0	.	1.4164	1.6686
Wisconsin	0	0	48.8129	0	0
West North Central	.	0	31.7451	9.0763	2.2205
Iowa	.	0	153.1279	102.2421	1767.515
Kansas	.	.	170.7252	.	.
Minnesota	.	.	32.8961	2.3547	4.7854
Missouri	.	.	.	0	2.1312
South Dakota	.	.	.	140.1652	.
South Atlantic	1.1336	0	2.9539	3.7153	0.642
Delaware	2.453	.	.	10.2162	1.6945
District of Columbia	.	.	.	0	.
Florida	5.6086	.	.	60.8233	2.0653
Georgia	.	.	163.7079	108.6787	0.8594
Maryland	0.9865	0	0.9659	5.4724	2.5503
North Carolina	14.2504	.	95.3834	171.2759	0.3011
South Carolina	266.9748	.	74.1637	0	3.9942
Virginia	22.0752	.	74.5961	5.3301	0.8845
West Virginia	0.3108	.	4.8582	0	0
East South Central	0	.	212.3343	35.3081	0.1322
Alabama	0	.	.	35.3081	0.153
Kentucky	.	.	212.3343	.	0
Mississippi	0	.	.	0	0.2051
West South Central	0	0	4.754	0	0.2862
Arkansas	0	.	82.1608	0	0
Louisiana	0	.	0	0	0.0831
Oklahoma	0	.	.	.	0.8763
Texas	0	0	94.8616	0	0.3569
Mountain	3.4406	.	4.9742	7.1305	1.109
Arizona	.	.	.	.	1.1968
Colorado	49.4979	.	35.0382	0	3.0527
Idaho	.	.	12.6167	.	3.1023
Montana	3.1951	.	5.1572	9.5827	158.5188
Nevada	0	.	71.5047	0	2.3963
New Mexico	.	.	.	135.1356	2.1079
Utah	54.1801	.	145.6411	0	24.152
Wyoming	43.4588	.	140.4186	.	260.3703
Pacific Contiguous	4.7706	.	10.7222	10.7959	0.7754
California	8.0295	.	13.6742	11.6777	0.8749
Oregon	.	.	23.8512	.	0.9166
Washington	0	.	24.9812	24.5732	0
Pacific Noncontiguous	2.4179	.	0	7.7017	.
Alaska	22.7286	.	.	.	.
Hawaii	0	.	0	7.7017	.
U.S. Total	0.35	0	2.7979	4.7504	0.2012

* = 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 '*'.)

Table A3.B Independent Power Producers by Census Division and State, Year-to-Date (continued)

Census Region and State	Solar Thermal and Photovoltaic	All Fuels	Other Renewables	Other Energy Sources	Wind	Geothermal
New England	96.2544	0.5558	1.9732	1.6106	2.579	.
Connecticut	.	0.5181	2.6346	2.0792	.	.
Maine	.	3.0785	1.3563	4.2784	1.0854	.
Massachusetts	119.0977	1.0698	3.3306	2.3525	47.4312	.
New Hampshire	.	1.3946	8.7165	14.7747	18.2744	.
Rhode Island	.	1.0394	10.8584	.	86.8743	.
Vermont	163.1505	3.1379	13.1599	.	0	.
Middle Atlantic	16.0197	0.3048	0.9247	1.7839	0.938	.
New Jersey	22.0726	0.4669	4.2839	2.8096	41.1789	.
New York	0	0.805	0.9898	2.9714	0.7162	.
Pennsylvania	49.8302	0.3587	1.5072	2.5398	2.0053	.
East North Central	37.6755	0.1322	0.6123	5.5781	0.3898	.
Illinois	20.9478	0.0738	0.6384	32.798	0.5659	.
Indiana	.	0.5736	0.1074	.	0.1074	.
Michigan	.	0.7782	2.9777	4.1124	2.5647	.
Ohio	52.0458	0.4919	1.9532	.	0	.
Wisconsin	.	0.317	3.6446	.	3.6849	.
West North Central	.	0.4572	0.464	11.2872	0.4486	173.5444
Iowa	.	0.4058	0.6678	.	0.655	.
Kansas	.	1.3667	1.1819	.	1.1819	.
Minnesota	.	1.4888	1.216	11.2872	1.2163	173.5444
Missouri	.	1.0758	0.6048	.	0.4553	.
Nebraska	.	0	0	.	0	.
North Dakota	.	1.1689	1.1689	.	1.1689	.
South Dakota	.	0.8851	0.885	.	0.885	.
South Atlantic	23.4561	0.4865	1.145	1.4479	0.7014	.
Delaware	72.2997	1.4898	11.7898	.	.	.
District of Columbia	.	0	.	.	.	.
Florida	43.2997	1.5234	2.0254	1.8421	.	.
Georgia	.	0.8812	19.1745	.	.	.
Maryland	125.0144	0.5426	2.2948	0	3.7108	.
North Carolina	24.7359	4.2409	2.8254	31.1797	.	.
South Carolina	.	4.719	26.8124	.	.	.
Virginia	.	2.4128	3.5076	2.8271	.	.
West Virginia	.	0.3016	0	0	0	.
East South Central	.	0.1301	2.1562	.	0	.
Alabama	.	0.1521	0	.	.	.
Kentucky	.	8.7768	.	.	.	.
Mississippi	.	0.1498	0	.	.	.
Tennessee	.	7.607	7.607	.	0	.
West South Central	17.3459	0.1595	0.4522	0	0.4518	.
Arkansas	.	0.2645	19.6418	.	.	.
Louisiana	.	0.0672	14.0937	.	.	.
Oklahoma	.	0.6126	0.9084	.	0.9084	.
Texas	17.3459	0.1887	0.5043	0	0.5045	.
Mountain	5.4392	0.9699	0.7332	1.1458	0.7176	2.5162
Arizona	7.8447	1.144	3.597	0	4.8422	.
Colorado	19.783	1.6014	1.0635	35.1594	1.0149	85.6452
Idaho	.	3.4166	3.5434	.	3.8371	10.2876
Montana	.	2.437	1.3274	0	1.3274	0
Nevada	4.5871	1.5866	2.3199	.	.	2.5281
New Mexico	17.0236	1.3999	1.6372	.	1.0022	.
Utah	387.1273	13.3545	2.6008	74.5663	2.4237	53.9705
Wyoming	.	7.1093	1.43	.	1.43	.
Pacific Contiguous	4.8869	0.5894	0.6799	5.5924	0.8768	1.0276
California	4.8482	0.6936	0.8517	6.1514	1.5427	1.0276
Oregon	153.0615	0.9487	1.3056	17.4654	1.1649	.
Washington	.	1.3097	0.7684	13.5515	0.6957	.
Pacific Noncontiguous	119.7738	3.0483	4.8388	0	8.8102	0
Alaska	.	22.7286	.	0	.	.
Hawaii	119.7738	2.9791	4.8388	0	8.8102	0
U.S. Total	4.274	0.1261	0.2967	1.1491	0.2641	1.0686

* = 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 '*').

Table A4.A Commercial Sector by Census Division and State, 05 2012

Census Region and State	Natural Gas	Hydroelectric Conventional	Petroleum Liquids	Coal
New England	19.9385	598.3641	61.9737	.
Connecticut	80.2251	.	0	.
Maine	1167.6584	.	433.3137	.
Massachusetts	14.952	598.3641	67.2759	.
New Hampshire	.	.	144.6903	.
Rhode Island	106.9123	.	1247.574	.
Vermont	.	.	0	.
Middle Atlantic	28.7804	805.0612	75.8841	0
New Jersey	75.9786	.	1120.8456	.
New York	30.5822	805.0612	81.933	0
Pennsylvania	98.1482	.	198.8565	0
East North Central	32.8919	0	747.2897	12.636
Illinois	24.7535	.	1932.3593	0
Indiana	118.1553	.	1343.632	42.3688
Michigan	58.191	.	898.4348	0
Ohio	0	.	0	0
Wisconsin	108.3474	0	3322.2936	142.249
West North Central	63.7094	.	291.771	32.2114
Iowa	411.2525	.	1071.7431	52.1714
Minnesota	129.826	.	316.0395	.
Missouri	0	.	1219.7088	0
Nebraska	2138.5982	.	.	.
North Dakota	.	.	1825.3003	.
South Dakota	.	.	2475.403	.
South Atlantic	62.2019	483.0802	157.9719	257.9596
Florida	144.3208	.	0	.
Georgia	0	.	244.8086	.
Maryland	68.3868	.	2338.77	0
North Carolina	0	511.5042	2007.9356	0
South Carolina	591.7649	972.8412	474.6334	.
Virginia	.	.	0	257.9596
East South Central	81.382	.	.	137.312
Mississippi	193.0933	.	.	.
Tennessee	88.9673	.	.	137.312
West South Central	22.1266	.	454.9697	.
Arkansas	912.3024	.	.	.
Louisiana	135.4798	.	.	.
Oklahoma	145.8189	.	534.2065	.
Texas	17.2788	.	645.2419	.
Mountain	54.1852	.	1789.6892	.
Arizona	92.5378	.	1789.6892	.
Colorado	0	.	0	.
Nevada	97.2352	.	.	.
New Mexico	90.7683	.	.	.
Utah	1792.0671	.	0	.
Pacific Contiguous	25.0494	397.8746	479.6351	.
California	24.9623	397.8746	608.3839	.
Oregon	0	.	.	.
Washington	244.1395	.	738.4729	.
Pacific Noncontiguous	1494.3424	.	138.7138	13.8396
Alaska	1494.3424	.	139.3679	13.8396
Hawaii	.	.	0	.
U.S. Total	11.787	263.412	44.1672	11.7956

* = 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 '*'.)

Table A4.A Commercial Sector by Census Division and State, 05 2012 (Continued)

Census Region and State	All Fuels	Other Renewables	Wind	Other Energy Sources	Solar Thermal and Photovoltaic
New England	15.4801	25.3058	313.2648	40.0639	192.1252
Connecticut	80.2251	.	.	.	.
Maine	22.3295	24.6901	.	40.0639	.
Massachusetts	15.3039	273.1114	313.2648	.	192.1252
New Hampshire	144.6903	.	.	.	.
Rhode Island	106.5945	.	.	.	.
Vermont	0	.	.	.	.
Middle Atlantic	15.7391	15.808	.	18.1487	134.7094
New Jersey	62.6687	152.666	.	.	152.666
New York	20.5739	25.6276	.	39.0162	420.8364
Pennsylvania	23.0727	10.2462	.	0	387.1273
East North Central	19.1582	22.0097	361.7136	43.5226	.
Illinois	21.5176	0	.	.	.
Indiana	40.6278	63.1232	361.7136	90.7681	.
Michigan	27.5794	30.2483	.	49.1364	.
Ohio	0	.	.	.	.
Wisconsin	71.0267	34.927	.	980.561	.
West North Central	30.5508	46.7331	111.1604	78.7404	.
Iowa	48.1526	55.4459	277.7862	.	.
Minnesota	86.7659	102.3008	120.5645	78.7404	.
Missouri	0.5755	.	.	0	.
Nebraska	81.6516	65.253	.	.	.
North Dakota	1825.3003	.	.	.	.
South Dakota	2475.403	.	.	.	.
South Atlantic	20.7898	12.6884	255.7719	2.1822	.
Delaware	255.7719	255.7719	255.7719	.	.
Florida	75.7199	43.0772	.	.	.
Georgia	57.3424	58.2049	.	.	.
Maryland	46.9623	36.8996	.	979.1239	.
North Carolina	508.7074	.	.	.	.
South Carolina	438.4029	.	.	.	.
Virginia	14.9087	0	.	0	.
East South Central	72.2724	.	.	522.4515	.
Mississippi	187.1994	.	.	522.4515	.
Tennessee	77.4486	.	.	.	.
West South Central	20.6769	41.9346	.	.	.
Arkansas	205.3659	128.0874	.	.	.
Louisiana	135.4798	.	.	.	.
Oklahoma	144.3198	.	.	.	.
Texas	16.2881	44.3041	.	.	.
Mountain	37.0854	36.767	76.7451	.	42.8376
Arizona	84.6299	185.1408	.	.	312.1532
Colorado	74.033	74.033	84.4915	.	130.6453
Nevada	53.5901	17.8631	.	.	17.8631
New Mexico	85.8951	177.1879	177.1879	.	.
Utah	1792.0671	.	.	.	.
Pacific Contiguous	13.7156	7.6243	.	0	103.4778
California	13.672	7.6594	.	0	103.4778
Oregon	55.8122	55.8122	.	.	.
Washington	241.1771	.	.	.	.
Pacific Noncontiguous	5.7949	0	.	0	.
Alaska	14.7773	.	.	.	.
Hawaii	0	0	.	0	.
U.S. Total	6.5133	5.8107	61.5868	10.0333	44.043

* = 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 '*').

A4.B Commercial Sector by Census Division and State, Year-to-Date

Census Region and State	Natural Gas	Hydroelectric Conventional	Petroleum Liquids	Coal
New England	9.3988	250.2981	30.532	.
Connecticut	38.6896	.	0	.
Maine	564.7623	.	190.1872	.
Massachusetts	6.9739	250.2981	35.345	.
New Hampshire	.	.	60.1234	.
Rhode Island	53.0181	.	570.8079	.
Vermont	.	.	0	.
Middle Atlantic	11.1898	283.5235	50.9251	0
New Jersey	36.5224	.	301.4252	.
New York	10.7696	283.5235	29.2333	0
Pennsylvania	51.5702	.	334.2056	0
East North Central	10.3116	270.5187	226.0636	6.2285
Illinois	6.5737	.	59.7549	0
Indiana	57.8015	.	556.6356	13.0455
Michigan	20.2504	.	251.8943	0
Ohio	0	.	0	0
Wisconsin	48.3337	270.5187	3250.5127	62.8421
West North Central	22.6036	.	122.9598	14.9757
Iowa	139.9763	.	528.262	21.192
Minnesota	43.2187	.	134.6153	.
Missouri	0	.	290.3459	0
Nebraska	734.1007	.	.	.
North Dakota	.	.	434.5014	.
South Dakota	.	.	589.3025	.
South Atlantic	37.6697	80.8977	48.1772	41.3609
Florida	80.3237	.	0	.
Georgia	0	.	58.2739	.
Maryland	44.8129	.	1008.706	0
North Carolina	0	72.1894	478.0169	0
South Carolina	507.5854	388.9876	112.9817	.
Virginia	.	.	0	143.7408
East South Central	39.2591	.	.	55.2745
Mississippi	87.964	.	.	.
Tennessee	43.7153	.	.	55.2745
West South Central	11.4675	.	135.3311	.
Arkansas	410.8781	.	.	.
Louisiana	60.9907	.	.	.
Oklahoma	85.4054	.	127.1642	.
Texas	9.0544	.	199.4725	.
Mountain	21.6438	.	425.9938	.
Arizona	37.0583	.	425.9938	.
Colorado	0	.	0	.
Nevada	39.0881	.	.	.
New Mexico	36.3564	.	.	.
Utah	419.7756	.	0	.
Pacific Contiguous	9.5948	248.4866	153.7077	.
California	9.5475	248.4866	144.8205	.
Oregon	0	.	.	.
Washington	105.3624	.	274.6787	.
Pacific Noncontiguous	511.1031	.	53.0534	6.413
Alaska	511.1031	.	76.9679	6.413
Hawaii	.	.	0	.
U.S. Total	4.6052	92.4941	21.4384	5.4078

* = 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 '*'.)

Table A4.B Commercial Sector by Census Division and State, Year-to-Date (continued)

Census Region and State	All Fuels	Other Renewables	Wind	Other Energy Sources	Solar Thermal and Photovoltaic
New England	7.3995	14.0745	100.0162	15.7741	151.3006
Connecticut	38.6896	.	.	.	.
Maine	10.5776	14.1139	.	15.7741	.
Massachusetts	7.3575	90.1436	100.0162	.	151.3006
New Hampshire	60.1234	.	.	.	.
Rhode Island	52.8401	.	.	.	.
Vermont	0	.	.	.	.
Middle Atlantic	6.6762	7.2108	.	7.133	75.7084
New Jersey	31.5126	83.8389	.	.	83.8389
New York	8.1267	14.1227	.	15.8346	308.3794
Pennsylvania	10.2705	4.3193	.	0	212.1998
East North Central	6.5791	12.3108	137.9059	17.2921	.
Illinois	5.9608	1672.6744	.	.	.
Indiana	15.0767	33.0208	137.9059	36.2215	.
Michigan	10.5578	17.057	.	19.5299	.
Ohio	0	.	.	.	.
Wisconsin	30.2108	19.9761	.	325.1715	.
West North Central	11.9136	21.1486	41.9104	35.5148	.
Iowa	18.9967	29.0641	120.7695	.	.
Minnesota	31.4168	39.1252	44.2938	35.5148	.
Missouri	0.1423	.	.	0	.
Nebraska	43.7747	37.4223	.	.	.
North Dakota	434.5014	.	.	.	.
South Dakota	589.3025	.	.	.	.
South Atlantic	9.3007	6.5524	97.5151	0.4315	.
Delaware	97.5151	97.5151	97.5151	.	.
Florida	40.8231	24.6937	.	.	.
Georgia	30.6352	33.3436	.	.	.
Maryland	28.0161	22.302	.	979.1239	.
North Carolina	10.8763	.	.	.	.
South Carolina	270.7603	.	.	.	.
Virginia	7.6447	0	.	0	.
East South Central	33.7507	.	.	522.4515	.
Mississippi	87.3848	.	.	522.4515	.
Tennessee	36.2885	.	.	.	.
West South Central	10.7067	24.0091	.	.	.
Arkansas	102.516	73.4161	.	.	.
Louisiana	60.9907	.	.	.	.
Oklahoma	84.2626	.	.	.	.
Texas	8.552	25.3616	.	.	.
Mountain	17.2147	25.2681	47.8672	.	26.4271
Arizona	34.6447	86.2569	.	.	176.6739
Colorado	43.1953	43.6366	52.5434	.	77.6614
Nevada	28.1035	10.0587	.	.	10.0587
New Mexico	34.8252	113.401	113.401	.	.
Utah	419.7756	.	.	.	.
Pacific Contiguous	5.4375	3.8611	.	0	61.5565
California	5.4182	3.862	.	0	61.5565
Oregon	31.9684	31.9684	.	.	.
Washington	103.8971	.	.	.	.
Pacific Noncontiguous	3.1525	0	.	0	.
Alaska	6.7561	.	.	.	.
Hawaii	0	0	.	0	.
U.S. Total	2.6774	3.049	28.7583	4.0593	26.543

* = 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 '*'.)

Table A5.A Industrial Sector by Census Division and State, 05 2012

Census Region and State	Hydroelectric Conventional	Coal	Natural Gas	Petroleum Liquids
New England	18.7529	74.9698	11.9938	23.6449
Connecticut	.	.	44.4478	623.596
Maine	17.5088	0	10.9594	21.3282
Massachusetts	636.233	112.3776	60.2921	8846.3036
New Hampshire	603.4012	.	147.6517	1034.9787
Vermont	258.3616	.	.	.
Middle Atlantic	175.0328	14.0571	21.9137	18.4879
New Jersey	.	.	34.3803	416.9203
New York	175.0328	0	45.6633	9.3717
Pennsylvania	.	18.2191	32.8842	275.1468
East North Central	73.1981	5.7927	23.0032	56.4483
Illinois	.	6.355	41.1199	12508.649
Indiana	.	90.4753	24.0029	38.2118
Michigan	179.4756	51.4259	87.6596	0
Ohio	.	20.7659	108.6962	0
Wisconsin	80.1318	8.9999	73.5652	237.8295
West North Central	75.8987	9.4734	174.3502	147.425
Iowa	.	9.1131	419.6382	943.9039
Kansas	.	.	0	.
Minnesota	75.8987	21.3723	202.5584	179.3187
Missouri	.	104.9456	640.8395	0
Nebraska	.	94.394	0	.
North Dakota	.	59.8963	506.1427	234.6951
South Atlantic	10.4442	13.9336	10.7099	29.2331
Delaware	.	.	0	.
Florida	.	72.9334	15.0323	89.8362
Georgia	281.3629	13.7948	27.1233	42.4976
Maryland	.	0	36.9547	0
North Carolina	562.0763	63.5484	76.8805	142.0087
South Carolina	.	0	0	0
Virginia	374.4624	27.637	70.4264	52.5403
West Virginia	6.3375	5.0666	252.3391	.
East South Central	.	9.1248	13.689	108.8544
Alabama	.	41.7792	14.7082	115.881
Kentucky	.	.	53.1607	.
Mississippi	.	0	38.8131	0
Tennessee	.	4.3227	65.3471	447.6119
West South Central	.	47.1303	1.9415	66.4684
Arkansas	.	0	38.5812	123.7433
Louisiana	.	0	2.3377	0
Oklahoma	.	59.146	87.4855	4386.9943
Texas	.	0	2.738	925.2471
Mountain	.	37.1585	15.911	139.8388
Arizona	.	73.1102	122.4734	123.9484
Colorado	.	.	216.1088	7743.2145
Idaho	.	70.4778	113.1091	.
Montana	.	0	1674.2842	0
Nevada	.	.	58.2865	.
New Mexico	.	.	447.9293	6874.8254
Utah	.	0	13.0942	.
Wyoming	.	41.2888	21.1414	1277.7331
Pacific Contiguous	260.3785	0	6.8171	91.0745
California	286.8559	0	6.8236	74.4458
Oregon	.	.	164.2385	0
Washington	565.9188	0	0	105.2189
Pacific Noncontiguous	136.3264	193.1045	272.784	32.0299
Alaska	.	.	272.784	58.1328
Hawaii	136.3264	193.1045	.	36.5278
U.S. Total	14.2756	5.0428	2.0184	15.2745

* = 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 '*'.)

Table A5.A Industrial Sector by Census Division and State, 05 2012 (Continued)

Census Region and State	Other Renewables	All Fuels	Other Energy Sources	Solar Thermal and Photovoltaic	Wind
New England	2.4895	6.7307	33.1415	.	.
Connecticut	.	42.9292	106.4583	.	.
Maine	2.4756	5.7701	0	.	.
Massachusetts	.	55.0364	.	.	.
New Hampshire	0	147.5506	.	.	.
Vermont	.	258.3616	.	.	.
Middle Atlantic	9.0369	8.7916	0	180.3919	196.1701
New Jersey	441.3689	27.9635	0	441.3689	.
New York	7.1324	15.128	.	.	196.1701
Pennsylvania	12.8923	10.6788	.	197.5423	.
East North Central	5.5371	4.7294	4.9797	.	154.2402
Illinois	0	8.4807	0	.	.
Indiana	70.191	4.9361	0	.	.
Michigan	8.3542	18.5266	0	.	.
Ohio	10.4638	18.4587	0	.	154.2402
Wisconsin	9.7146	12.6118	68.9663	.	.
West North Central	9.9466	9.0555	121.4821	.	.
Iowa	0	9.2269	.	.	.
Kansas	.	0	.	.	.
Minnesota	10.743	16.8019	121.4821	.	.
Missouri	151.7105	96.5821	.	.	.
Nebraska	.	94.394	.	.	.
North Dakota	91.921	47.4364	.	.	.
South Atlantic	2.127	2.765	4.8751	.	.
Delaware	.	0	.	.	.
Florida	5.8887	5.7688	4.491	.	.
Georgia	3.663	4.9186	7.368	.	.
Maryland	0	8.5258	.	.	.
North Carolina	5.8912	12.1208	0	.	.
South Carolina	0	0	0	.	.
Virginia	4.9854	10.4251	0	.	.
West Virginia	.	5.7811	0	.	.
East South Central	2.7853	3.6451	139.9952	.	.
Alabama	4.0745	5.7563	0	.	.
Kentucky	2.6556	20.2984	.	.	.
Mississippi	2.9648	8.1856	147.2412	.	.
Tennessee	8.3015	4.3706	0	.	.
West South Central	3.5014	1.7789	12.546	.	.
Arkansas	2.955	4.32	0	.	.
Louisiana	5.8789	2.3561	8.3917	.	.
Oklahoma	17.8018	29.8549	0	.	.
Texas	8.4106	2.4986	20.334	.	.
Mountain	2.5222	10.8763	56.5566	76.1245	186.7971
Arizona	.	62.2076	.	.	.
Colorado	186.7971	62.5491	55.9419	.	186.7971
Idaho	0	10.4944	0	.	.
Montana	.	254.173	.	.	.
Nevada	76.1245	57.561	.	76.1245	.
New Mexico	.	447.5944	.	.	.
Utah	.	13.3129	0	.	.
Wyoming	.	13.982	0	.	.
Pacific Contiguous	6.5009	5.1029	11.1066	420.8364	.
California	13.9919	5.5163	12.3264	420.8364	.
Oregon	14.2678	33.9676	0	.	.
Washington	6.7529	6.2553	0	.	.
Pacific Noncontiguous	25.9568	39.4429	.	.	.
Alaska	117.3044	103.8736	.	.	.
Hawaii	26.3972	42.1036	.	.	.
U.S. Total	1.6698	1.4049	6.1584	143.9062	104.3099

* = 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 '**').

Table A5.B Industrial Sector by Census Division and State, Year-to-Date

Census Region and State	Hydroelectric Conventional	Coal	Natural Gas	Petroleum Liquids
New England	11.4272	30.805	4.7042	10.8718
Connecticut	.	.	21.8345	304.1217
Maine	10.7851	0	4.1516	9.9689
Massachusetts	251.0353	53.5989	31.5871	6893.9929
New Hampshire	242.3305	.	70.9406	412.8204
Vermont	124.1573	.	.	.
Middle Atlantic	80.9804	6.575	10.1181	15.7599
New Jersey	.	.	16.3929	595.6424
New York	80.9804	0	19.3346	9.8391
Pennsylvania	.	8.8011	15.7036	101.0171
East North Central	35.2779	2.9483	9.8185	18.1194
Illinois	.	3.4569	20.5121	3023.3294
Indiana	.	45.468	11.2606	9.8374
Michigan	86.2144	23.5068	26.4211	0
Ohio	.	8.8538	50.6388	0
Wisconsin	38.6494	4.9507	34.6292	155.7602
West North Central	37.3586	4.9417	51.6193	79.2733
Iowa	.	4.8796	154.2152	224.6859
Kansas	.	.	0	.
Minnesota	37.3586	10.8048	60.3965	96.2391
Missouri	.	36.5791	325.63	0
Nebraska	.	48.0804	0	.
North Dakota	.	30.1424	107.7209	124.7055
South Atlantic	5.5288	6.7106	4.9778	8.2079
Delaware	.	.	0	.
Florida	.	38.2767	6.9646	29.5582
Georgia	138.186	7.9348	12.0304	11.1934
Maryland	.	0	27.2012	0
North Carolina	291.6107	33.1366	35.2742	56.2446
South Carolina	.	0	0	0
Virginia	173.8187	13.1993	26.7978	16.4096
West Virginia	3.0018	1.2872	130.6447	.
East South Central	.	5.1122	6.4425	45.2593
Alabama	.	21.9782	7.1044	52.4252
Kentucky	.	.	24.2274	.
Mississippi	.	0	16.9842	0
Tennessee	.	1.9706	22.1919	151.4016
West South Central	.	2.8826	0.8753	11.4513
Arkansas	.	0	13.2968	53.326
Louisiana	.	0	1.1889	0
Oklahoma	.	32.0887	37.4576	2206.0373
Texas	.	0	1.1617	19.4084
Mountain	.	13.9436	7.3767	73.8585
Arizona	.	39.9357	108.8009	71.1281
Colorado	.	.	82.9901	1842.4883
Idaho	.	34.8529	22.2936	.
Montana	.	0	737.1375	0
Nevada	.	.	21.905	.
New Mexico	.	.	105.4973	1637.0099
Utah	.	0	11.8338	.
Wyoming	.	22.0714	6.6891	657.0061
Pacific Contiguous	171.006	0	2.7394	33.7488
California	213.3056	0	2.7522	76.0567
Oregon	.	.	44.3509	0
Washington	272.0905	0	0	37.2925
Pacific Noncontiguous	65.3817	111.5812	57.5572	15.2472
Alaska	.	.	57.5572	13.8376
Hawaii	65.3817	111.5812	.	19.7141
U.S. Total	7.1273	2.0548	0.8743	6.8647

* = 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 '*'.)

Table A5.B Industrial Sector by Census Division and State, Year-to-Date (continued)

Census Region and State	Other Renewables	All Fuels	Other Energy Sources	Solar Thermal and Photovoltaic	Wind
New England	1.1446	3.0657	13.415	.	.
Connecticut	.	21.0756	43.9284	.	.
Maine	1.1388	2.6825	0	.	.
Massachusetts	.	28.1093	.	.	.
New Hampshire	0	71.2825	.	.	.
Vermont	.	124.1573	.	.	.
Middle Atlantic	3.9989	4.0293	0	98.8928	74.7916
New Jersey	241.9298	13.4279	0	241.9298	.
New York	2.8954	6.7881	.	.	74.7916
Pennsylvania	5.9338	4.9636	.	108.2904	.
East North Central	2.506	2.1649	2.1536	.	67.125
Illinois	0	4.1726	0	.	.
Indiana	40.2352	2.6278	0	.	.
Michigan	3.8556	7.8886	0	.	.
Ohio	4.7486	8.1316	0	.	67.125
Wisconsin	4.2647	5.1566	34.3247	.	.
West North Central	4.3634	4.4753	73.3611	.	.
Iowa	0	4.9473	.	.	.
Kansas	.	0	.	.	.
Minnesota	4.4659	7.6865	73.3611	.	.
Missouri	83.082	35.0881	.	.	.
Nebraska	.	48.0804	.	.	.
North Dakota	52.8176	22.4749	.	.	.
South Atlantic	0.9876	1.3429	1.8597	.	.
Delaware	.	0	.	.	.
Florida	2.7887	2.8439	1.7144	.	.
Georgia	1.7742	2.3418	3.9556	.	.
Maryland	0	4.9601	.	.	.
North Carolina	2.6458	6.3922	0	.	.
South Carolina	0	0	0	.	.
Virginia	2.6437	5.3787	0	.	.
West Virginia	.	2.3303	0	.	.
East South Central	1.3413	1.7877	55.6654	.	.
Alabama	1.9153	2.8495	0	.	.
Kentucky	1.1744	12.2243	.	.	.
Mississippi	1.2992	3.5452	61.0101	.	.
Tennessee	4.3095	2.1173	115.8813	.	.
West South Central	1.6935	0.7707	5.3606	.	.
Arkansas	1.3875	1.8707	0	.	.
Louisiana	2.8783	1.1648	3.9029	.	.
Oklahoma	8.7805	15.1981	0	.	.
Texas	4.1512	0.9895	8.4515	.	.
Mountain	1.6838	4.7242	6.969	60.6998	116.1695
Arizona	.	37.2789	.	.	.
Colorado	116.1695	25.4302	22.0015	.	116.1695
Idaho	0	5.5958	0	.	.
Montana	.	114.3043	.	.	.
Nevada	60.6998	21.7624	.	60.6998	.
New Mexico	.	105.4363	.	.	.
Utah	.	6.2374	0	.	.
Wyoming	.	5.5167	0	.	.
Pacific Contiguous	2.7263	2.0126	4.6401	230.6758	.
California	6.4927	2.2063	4.7099	230.6758	.
Oregon	4.6306	10.6941	0	.	.
Washington	2.8892	2.7039	0	.	.
Pacific Noncontiguous	14.8535	15.842	.	.	.
Alaska	65.7871	34.3507	.	.	.
Hawaii	15.1195	17.7384	.	.	.
U.S. Total	0.7763	0.6101	2.4365	79.7841	46.0798

* = 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 '**').

Table A6.A Ultimate Customers by End-Use Sector, Census Division, and State, 05 2012

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.52	1.32	0.5	0	0.56
Connecticut	0.52	0.27	1.01	0	0.28
Maine	0.69	0.29	0.4	0	0.29
Massachusetts	1.1	3.35	0.77	0	1.21
New Hampshire	0.77	0.27	1.08	0	0.38
Rhode Island	0	0	0	0	0
Vermont	2.84	1.06	1.73	0	1.22
Middle Atlantic	0.24	0.05	1.73	16.06	0.44
New Jersey	0.37	0.09	0.47	0	0.14
New York	0.35	0.07	0.73	23.53	0.47
Pennsylvania	0.43	0.12	2.38	0	0.97
East North Central	0.43	0.15	0.27	6.43	0.17
Illinois	0.74	0.24	0.29	11.22	0.26
Indiana	1.25	0.45	0.41	0	0.42
Michigan	0.46	0.28	0.79	0	0.31
Ohio	0.78	0.22	0.35	0	0.28
Wisconsin	0.88	0.52	1.45	0	0.62
West North Central	0.68	0.34	0.78	0	0.36
Iowa	1.49	1.11	1.62	0	0.91
Kansas	1.79	1.06	2.11	0	0.92
Minnesota	1.24	0.68	1.6	0	0.73
Missouri	1.36	0.37	0.97	0	0.57
Nebraska	1.63	1.17	2.1	0	1.03
North Dakota	1.69	1.11	4.13	0	1.69
South Dakota	2.33	1.81	3.23	0	1.35
South Atlantic	0.52	0.25	0.46	5.42	0.25
Delaware	1.67	0.5	1.34	0	0.69
District of Columbia	0	0	0	0	0
Florida	0.62	0.43	1.54	0	0.38
Georgia	1.35	0.67	1.08	0	0.63
Maryland	0.95	0.24	0.8	0	0.38
North Carolina	1.09	0.63	0.87	0	0.53
South Carolina	1.49	0.79	0.83	0	0.63
Virginia	0.93	0.42	1.33	0	0.45
West Virginia	0.37	0.16	0.08	3716.62	0.28
East South Central	0.79	0.43	0.36	0	0.32
Alabama	1.34	0.96	0.72	0	0.59
Kentucky	1.61	0.56	0.41	0	0.48
Mississippi	2.16	1.36	1.48	0	0.99
Tennessee	1.27	0.62	0.71	0	0.55
West South Central	0.68	0.39	0.47	0.88	0.31
Arkansas	1.97	1.34	1.33	245.64	0.91
Louisiana	1.38	0.82	0.47	0	0.55
Oklahoma	1.46	0.8	1.51	0	0.73
Texas	0.73	0.41	0.6	0	0.34
Mountain	0.36	0.21	0.4	0	0.19
Arizona	0.35	0.29	0.77	0	0.23
Colorado	1.25	0.53	1.32	0	0.6
Idaho	1.06	0.75	0.81	0	0.52
Montana	1.92	1.27	2.87	0	1.17
Nevada	0.38	0.31	0.22	0	0.17
New Mexico	1.74	0.82	1.84	0	0.82
Utah	1.37	0.59	0.52	0	0.47
Wyoming	2.01	1.02	1	0	0.72
Pacific Contiguous	0.3	0.17	0.74	0	0.21
California	0.29	0.16	0.63	0	0.17
Oregon	1.02	0.66	2.45	0	0.82
Washington	0.77	0.61	1.67	0	0.64
Pacific Noncontiguous	0.88	0.93	1.07	0	0.56
Alaska	2.22	2.08	4.11	0	1.51
Hawaii	0	0	0	0	0
U.S. Total	0.28	0.13	0.24	7.84	0.13

* = 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 '*'.)

Table A6.B Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.2	0.48	0.37	0	0.21
Connecticut	0.19	0.11	0.79	0	0.13
Maine	0.27	0.11	0.3	0	0.14
Massachusetts	0.43	1.22	0.55	0	0.45
New Hampshire	0.28	0.1	0.78	0	0.19
Rhode Island	0	0	0	0	0
Vermont	1.17	0.41	1.25	0	0.57
Middle Atlantic	0.09	0.02	0.44	2.91	0.1
New Jersey	0.16	0.04	1.33	0	0.16
New York	0.14	0.03	0.65	4.11	0.12
Pennsylvania	0.16	0.05	0.56	0	0.2
East North Central	0.2	0.07	0.16	2.22	0.09
Illinois	0.31	0.09	0.22	2.74	0.12
Indiana	0.53	0.19	0.32	0	0.22
Michigan	0.34	0.17	0.39	0	0.17
Ohio	0.32	0.1	0.26	0	0.14
Wisconsin	0.62	0.29	0.71	0	0.33
West North Central	0.37	0.18	0.4	0	0.19
Iowa	0.99	0.61	0.81	0	0.49
Kansas	0.95	0.53	0.99	0	0.46
Minnesota	0.82	0.38	0.78	0	0.4
Missouri	0.58	0.16	0.75	0	0.29
Nebraska	1.04	0.67	1.13	0	0.57
North Dakota	0.91	0.56	2.02	0	0.76
South Dakota	1.37	0.95	1.51	0	0.74
South Atlantic	0.25	0.12	0.23	1.13	0.12
Delaware	0.62	0.21	1.09	0	0.37
District of Columbia	0	0	0	0	0
Florida	0.33	0.2	0.74	0	0.19
Georgia	0.69	0.33	0.52	0	0.33
Maryland	0.36	0.1	1.99	0	0.23
North Carolina	0.51	0.3	0.44	0	0.26
South Carolina	0.75	0.38	0.4	0	0.32
Virginia	0.45	0.19	0.63	0	0.22
West Virginia	0.12	0.06	0.06	366.48	0.07
East South Central	0.35	0.2	0.22	0	0.16
Alabama	0.71	0.47	0.34	0	0.3
Kentucky	0.67	0.24	0.3	0	0.25
Mississippi	1.06	0.65	0.68	0	0.48
Tennessee	0.5	0.25	0.55	0	0.27
West South Central	0.37	0.19	0.22	0.26	0.16
Arkansas	0.88	0.64	0.62	54.76	0.43
Louisiana	0.71	0.39	0.21	0	0.27
Oklahoma	0.81	0.42	0.71	0	0.39
Texas	0.4	0.2	0.29	0	0.18
Mountain	0.25	0.11	0.22	0	0.11
Arizona	0.28	0.15	0.42	0	0.15
Colorado	0.73	0.25	0.73	0	0.34
Idaho	0.62	0.4	0.54	0	0.32
Montana	1.14	0.66	1.24	0	0.6
Nevada	0.3	0.16	0.13	0	0.11
New Mexico	1.02	0.4	0.98	0	0.46
Utah	0.83	0.28	0.28	0	0.28
Wyoming	1.12	0.53	0.45	0	0.35
Pacific Contiguous	0.19	0.09	0.37	0.17	0.11
California	0.17	0.07	0.35	0	0.09
Oregon	0.6	0.36	1.21	0	0.41
Washington	0.44	0.32	0.8	20.36	0.31
Pacific Noncontiguous	0.57	0.44	0.5	0	0.29
Alaska	1.26	0.92	1.8	0	0.71
Hawaii	0	0	0	0	0
U.S. Total	0.14	0.06	0.11	1.55	0.06

* = 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 '*'.)

Table A7.A Ultimate Customers by End-Use Sector, Census Division, and State, 05 2012

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.26	0.42	0.95	0	0.27
Connecticut	0.25	0.48	2.01	0	0.35
Maine	0.48	0.65	1.18	0	0.39
Massachusetts	0.53	0.84	1.41	0	0.51
New Hampshire	0.36	0.55	1.71	0	0.4
Rhode Island	0	0	0	0	0
Vermont	1.35	1.89	3.53	0	1.13
Middle Atlantic	0.1	0.09	2.31	13.74	0.3
New Jersey	0.19	0.19	0.96	0	0.15
New York	0.1	0.09	0.78	16.22	0.35
Pennsylvania	0.24	0.22	4.27	23.3	0.8
East North Central	0.24	0.25	0.53	1.37	0.18
Illinois	0.4	0.46	1.18	2.39	0.31
Indiana	0.76	0.99	0.92	0	0.51
Michigan	0.34	0.24	0.84	0	0.25
Ohio	0.44	0.49	1.08	0	0.35
Wisconsin	0.7	0.48	1.66	0	0.53
West North Central	0.53	0.5	1.13	0	0.39
Iowa	1.34	1.26	2.35	0	1
Kansas	1.61	1.72	2.72	0	1.1
Minnesota	1.09	0.73	2.06	0	0.74
Missouri	0.77	0.85	2.28	0	0.6
Nebraska	1.53	1.27	2.71	0	1.12
North Dakota	1.56	1.12	4.45	0	1.58
South Dakota	2.04	1.72	4.01	0	1.33
South Atlantic	0.47	0.42	0.71	5.01	0.29
Delaware	0.92	1.31	3.86	0	0.94
District of Columbia	0	0	0	0	0
Florida	0.56	0.69	2.06	0	0.43
Georgia	1.15	1.02	1.64	0	0.7
Maryland	0.56	0.57	1.41	0	0.39
North Carolina	1.02	1.09	1.28	0	0.66
South Carolina	1.32	1.29	1.27	0	0.77
Virginia	0.9	0.75	2.03	0	0.57
West Virginia	0.26	0.41	0.21	3383.48	0.28
East South Central	0.6	0.75	0.71	0	0.39
Alabama	1.17	1.37	1.12	0	0.72
Kentucky	1.03	1.26	1	0	0.62
Mississippi	1.98	2.25	2.4	0	1.26
Tennessee	0.76	1.28	1.62	0	0.67
West South Central	0.62	0.71	0.83	0.86	0.41
Arkansas	1.89	2.34	2.07	188.56	1.2
Louisiana	1.34	1.38	0.86	0	0.75
Oklahoma	1.42	1.57	2.42	0	0.97
Texas	0.64	0.74	1.04	0	0.44
Mountain	0.47	0.3	0.56	0	0.25
Arizona	0.47	0.37	0.97	0	0.3
Colorado	1.66	0.85	1.71	0	0.81
Idaho	1.11	0.84	0.98	0	0.59
Montana	1.78	1.18	4.44	0	1.2
Nevada	0.44	0.51	0.31	0	0.26
New Mexico	2.53	1.31	2.75	0	1.21
Utah	1.81	0.93	0.81	0	0.76
Wyoming	2.02	1.1	1.34	0	0.85
Pacific Contiguous	0.28	0.18	0.73	0	0.18
California	0.32	0.2	0.71	0	0.19
Oregon	0.84	0.6	2.84	0	0.68
Washington	0.67	0.57	2.41	0	0.58
Pacific Noncontiguous	0.66	0.82	0.5	0	0.4
Alaska	2.74	3.28	3.1	0	1.82
Hawaii	0	0	0	0	0
U.S. Total	0.22	0.19	0.35	8.49	0.14

* = 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 '*'.)

Table A7.B Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.19	0.16	0.43	0	0.13
Connecticut	0.19	0.18	0.92	0	0.16
Maine	0.34	0.23	0.59	0	0.2
Massachusetts	0.41	0.33	0.63	0	0.25
New Hampshire	0.26	0.2	0.76	0	0.19
Rhode Island	0	0	0	0	0
Vermont	1.06	0.72	1.51	0	0.62
Middle Atlantic	0.08	0.04	0.59	2.73	0.07
New Jersey	0.16	0.08	1.26	0	0.13
New York	0.08	0.04	0.38	3.2	0.08
Pennsylvania	0.17	0.09	1.07	4.84	0.18
East North Central	0.2	0.11	0.26	0.43	0.11
Illinois	0.34	0.18	0.58	0.54	0.18
Indiana	0.64	0.4	0.43	0	0.31
Michigan	0.29	0.16	0.47	0	0.17
Ohio	0.35	0.2	0.5	0	0.2
Wisconsin	0.56	0.28	0.87	0	0.33
West North Central	0.43	0.26	0.6	0	0.25
Iowa	1.05	0.77	1.32	0	0.64
Kansas	1.1	0.85	1.26	0	0.6
Minnesota	0.82	0.44	1.07	0	0.46
Missouri	0.73	0.4	1.17	0	0.42
Nebraska	1.14	0.77	1.56	0	0.68
North Dakota	1.06	0.62	2.43	0	0.83
South Dakota	1.46	0.99	2.1	0	0.85
South Atlantic	0.29	0.2	0.34	1.12	0.16
Delaware	0.7	0.52	1.82	0	0.49
District of Columbia	0.01	0	0	0	0
Florida	0.37	0.31	0.94	0	0.24
Georgia	0.75	0.49	0.77	0	0.42
Maryland	0.43	0.23	1.75	0	0.25
North Carolina	0.59	0.51	0.63	0	0.36
South Carolina	0.8	0.6	0.59	0	0.43
Virginia	0.51	0.34	0.9	0	0.3
West Virginia	0.19	0.16	0.1	310.91	0.11
East South Central	0.41	0.33	0.32	0	0.22
Alabama	0.75	0.65	0.52	0	0.4
Kentucky	0.87	0.55	0.46	0	0.39
Mississippi	1.19	1.02	1.05	0	0.66
Tennessee	0.61	0.51	0.73	0	0.36
West South Central	0.41	0.33	0.37	0.36	0.23
Arkansas	1.07	1.09	0.96	64.34	0.63
Louisiana	0.86	0.62	0.37	0	0.41
Oklahoma	0.96	0.8	1.11	0	0.57
Texas	0.43	0.34	0.47	0	0.25
Mountain	0.31	0.17	0.3	0	0.16
Arizona	0.38	0.23	0.55	0	0.21
Colorado	0.92	0.43	0.89	0	0.45
Idaho	0.74	0.49	0.76	0	0.42
Montana	1.22	0.66	2.18	0	0.71
Nevada	0.32	0.28	0.16	0	0.17
New Mexico	1.4	0.68	1.39	0	0.67
Utah	1.05	0.51	0.41	0	0.45
Wyoming	1.34	0.63	0.66	0	0.48
Pacific Contiguous	0.16	0.09	0.39	0.1	0.1
California	0.18	0.1	0.36	0	0.1
Oregon	0.56	0.36	1.69	0	0.41
Washington	0.43	0.31	1.19	12.13	0.31
Pacific Noncontiguous	0.41	0.38	0.26	0	0.21
Alaska	1.42	1.35	1.49	0	0.83
Hawaii	0	0	0	0	0
U.S. Total	0.14	0.09	0.16	1.74	0.08

* = 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 '*'.)

Table A8.A Ultimate Customers by End-Use Sector, Census Division, and State, 05 2012

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.58	1.39	1.07	0	0.62
Connecticut	0.58	0.56	2.25	0	0.44
Maine	0.84	0.71	1.24	0	0.48
Massachusetts	1.22	3.45	1.61	0	1.32
New Hampshire	0.85	0.62	2.02	0	0.55
Rhode Island	0	0	0	0	0
Vermont	3.14	2.17	3.93	0	1.66
Middle Atlantic	0.26	0.1	2.89	21.14	0.53
New Jersey	0.42	0.21	1.07	0	0.21
New York	0.36	0.12	1.06	28.58	0.59
Pennsylvania	0.5	0.25	4.89	23.3	1.26
East North Central	0.49	0.29	0.6	6.57	0.25
Illinois	0.84	0.52	1.22	11.47	0.4
Indiana	1.47	1.08	1	0	0.66
Michigan	0.57	0.37	1.15	0	0.4
Ohio	0.9	0.54	1.13	0	0.45
Wisconsin	1.13	0.7	2.2	0	0.82
West North Central	0.87	0.61	1.38	0	0.53
Iowa	2.01	1.68	2.85	0	1.35
Kansas	2.41	2.02	3.44	0	1.43
Minnesota	1.65	1	2.61	0	1.04
Missouri	1.56	0.93	2.48	0	0.83
Nebraska	2.24	1.73	3.43	0	1.52
North Dakota	2.3	1.58	6.07	0	2.31
South Dakota	3.09	2.49	5.15	0	1.9
South Atlantic	0.69	0.49	0.85	7.38	0.38
Delaware	1.9	1.4	4.09	0	1.17
District of Columbia	0	0	0	0	0
Florida	0.83	0.82	2.58	0	0.57
Georgia	1.77	1.22	1.96	0	0.95
Maryland	1.1	0.62	1.62	0	0.54
North Carolina	1.49	1.26	1.55	0	0.84
South Carolina	1.99	1.51	1.52	0	1
Virginia	1.29	0.86	2.43	0	0.73
West Virginia	0.45	0.44	0.22	5026.05	0.4
East South Central	0.99	0.87	0.8	0	0.5
Alabama	1.78	1.67	1.33	0	0.93
Kentucky	1.91	1.38	1.08	0	0.79
Mississippi	2.93	2.63	2.82	0	1.61
Tennessee	1.48	1.42	1.76	0	0.87
West South Central	0.93	0.81	0.95	1.23	0.51
Arkansas	2.73	2.7	2.46	309.67	1.51
Louisiana	1.92	1.61	0.97	0	0.93
Oklahoma	2.04	1.76	2.86	0	1.21
Texas	0.97	0.85	1.2	0	0.56
Mountain	0.59	0.37	0.69	0	0.32
Arizona	0.59	0.47	1.24	0	0.37
Colorado	2.08	1	2.15	0	1.01
Idaho	1.54	1.13	1.27	0	0.78
Montana	2.62	1.73	5.29	0	1.68
Nevada	0.58	0.6	0.38	0	0.31
New Mexico	3.07	1.54	3.31	0	1.46
Utah	2.27	1.11	0.97	0	0.89
Wyoming	2.85	1.5	1.67	0	1.11
Pacific Contiguous	0.41	0.25	1.04	0	0.28
California	0.43	0.25	0.95	0	0.25
Oregon	1.32	0.89	3.75	0	1.07
Washington	1.02	0.84	2.94	0	0.86
Pacific Noncontiguous	1.1	1.24	1.18	0	0.69
Alaska	3.53	3.89	5.15	0	2.36
Hawaii	0	0	0	0	0
U.S. Total	0.36	0.23	0.42	11.55	0.19

* = 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 '*'.)

Table A8.B Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.28	0.51	0.56	0	0.25
Connecticut	0.27	0.21	1.21	0	0.21
Maine	0.43	0.25	0.66	0	0.24
Massachusetts	0.59	1.26	0.84	0	0.52
New Hampshire	0.38	0.23	1.09	0	0.26
Rhode Island	0	0	0	0	0
Vermont	1.58	0.83	1.96	0	0.84
Middle Atlantic	0.12	0.04	0.74	3.99	0.13
New Jersey	0.23	0.09	1.83	0	0.21
New York	0.17	0.05	0.75	5.21	0.14
Pennsylvania	0.23	0.1	1.21	4.84	0.27
East North Central	0.28	0.13	0.31	2.26	0.14
Illinois	0.46	0.2	0.62	2.8	0.22
Indiana	0.84	0.44	0.53	0	0.38
Michigan	0.44	0.23	0.61	0	0.24
Ohio	0.47	0.22	0.56	0	0.25
Wisconsin	0.83	0.4	1.12	0	0.46
West North Central	0.56	0.32	0.73	0	0.31
Iowa	1.44	0.98	1.55	0	0.81
Kansas	1.45	1	1.6	0	0.76
Minnesota	1.16	0.58	1.32	0	0.61
Missouri	0.94	0.43	1.39	0	0.51
Nebraska	1.54	1.02	1.93	0	0.89
North Dakota	1.4	0.84	3.16	0	1.12
South Dakota	2	1.38	2.58	0	1.13
South Atlantic	0.38	0.23	0.41	1.59	0.21
Delaware	0.93	0.56	2.12	0	0.62
District of Columbia	0.01	0	0	0	0
Florida	0.49	0.37	1.2	0	0.31
Georgia	1.02	0.59	0.93	0	0.53
Maryland	0.56	0.25	2.65	0	0.34
North Carolina	0.79	0.59	0.77	0	0.45
South Carolina	1.1	0.71	0.71	0	0.54
Virginia	0.68	0.39	1.1	0	0.37
West Virginia	0.22	0.17	0.12	480.59	0.13
East South Central	0.54	0.39	0.39	0	0.27
Alabama	1.04	0.8	0.62	0	0.5
Kentucky	1.09	0.6	0.55	0	0.46
Mississippi	1.59	1.21	1.25	0	0.82
Tennessee	0.79	0.57	0.91	0	0.45
West South Central	0.55	0.38	0.43	0.44	0.28
Arkansas	1.39	1.27	1.14	84.49	0.76
Louisiana	1.11	0.73	0.43	0	0.49
Oklahoma	1.26	0.91	1.32	0	0.69
Texas	0.59	0.4	0.55	0	0.31
Mountain	0.39	0.2	0.38	0	0.19
Arizona	0.47	0.27	0.69	0	0.26
Colorado	1.17	0.5	1.15	0	0.56
Idaho	0.97	0.64	0.93	0	0.53
Montana	1.66	0.93	2.51	0	0.92
Nevada	0.44	0.32	0.21	0	0.2
New Mexico	1.73	0.79	1.7	0	0.81
Utah	1.34	0.58	0.5	0	0.53
Wyoming	1.75	0.82	0.8	0	0.59
Pacific Contiguous	0.25	0.13	0.54	0.2	0.15
California	0.25	0.12	0.5	0	0.14
Oregon	0.82	0.51	2.08	0	0.58
Washington	0.62	0.45	1.43	23.7	0.44
Pacific Noncontiguous	0.7	0.59	0.57	0	0.36
Alaska	1.9	1.64	2.34	0	1.09
Hawaii	0	0	0	0	0
U.S. Total	0.2	0.11	0.19	2.33	0.1

* = 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 '*'.)

Table B.1 Major Disturbances and Unusual Occurrences, Year-to-Date 2012

YEAR	MONTH	Date	Utility/Power Pool (NERC Region)	EVENT_DATE	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected	Restoration
2012	1	04/01/12	Tacoma Power (TPWR)	12:14 PM	Tacoma, Washington	Suspected physical attack	N/A	N/A	04JAN2012:12:14:00
2012	1	05/01/12	American Electric Power	10:35 AM	CSWS/AEP West territory, Oklahoma	Sabotage	0	0	05JAN2012:12:25:00
2012	1	05/01/12	Oklahoma Gas and Electric	10:28 AM	Creek County, Oklahoma	Suspected physical attack	N/A	N/A	05JAN2012:12:25:00
2012	1	09/01/12	ISO New England/Convex	2:30:00 PM	Watertown, Connecticut	Vandalism	N/A	N/A	09JAN2012:15:30:00
2012	1	09/01/12	The Dow Chemical Company	1:36:00 PM	Louisiana	Load Shed	150	1	11JAN2012:01:05:00
2012	1	10/01/12	Luminant Energy Company LLC	9:30:00 PM	Rusk County, Texas	Load Shed	N/A	N/A	10JAN2012:21:30:00
2012	1	11/01/12	Nevada Power Company (NV Energy)	7:19:00 AM	Nevada	Suspected Physical Attack	0	0	11JAN2012:09:07:00
2012	1	12/01/12	Delmarva Power & Light Company	8:26:00 AM	Newark, Delaware	Physical Attack	0	0	12JAN2012:08:26:00
2012	1	13/01/12	Delmarva Power & Light Company	9:20:00 AM	Newark, Delaware	Physical Attack	0	0	13JAN2012:09:20:00
2012	1	15/01/12	Tacoma Power (TPWR)	9:35:00 AM	Tacoma, Washington	Vandalism	N/A	N/A	15JAN2012:09:35:00
2012	1	17/01/12	Pedernales Electric Cooperative, Inc.	10:31 AM	Austin, Texas	Suspected Cyber Attack	N/A	0	17JAN2012:17:21:00
2012	1	19/01/12	Puget Sound Energy	7:00:00 AM	King, Pierce and Thurston Counties, Washington	Severe Weather - Winter Storm	1600	426000	20JAN2012:15:00:00
2012	1	24/01/12	Tacoma Power (TPWR)	11:22 AM	Tacoma, Washington	Vandalism	N/A	N/A	24JAN2012:11:22:00
2012	1	27/01/12	Tacoma Power (TPWR)	9:40:00 AM	Frederickson Substation, Spanaway, Washington	Vandalism	N/A	N/A	27JAN2012:09:40:00
2012	1	29/01/12	Tacoma Power (TPWR)	12:45 PM	Roosevelt Substation, Tacoma, Washington	Vandalism	N/A	N/A	29JAN2012:12:45:00
2012	2	11/02/12	Tacoma Power (TPWR)	8:55:00 AM	Tacoma, Washington	Suspected Physical Attack	N/A	N/A	11FEB2012:08:55:00
2012	2	11/02/12	Xcel Energy (Public Service Company of Colorado)	8:47:00 AM	Lamar, Colorado	Suspected Physical Attack	0	0	11FEB2012:10:30:00
2012	2	13/02/12	Progress Energy Carolinas	7:02:00 AM	Asheville, North Carolina	Suspected Physical Attack	N/A	N/A	13FEB2012:16:25:00
2012	2	14/02/12	Tacoma Power (TPWR)	7:20:00 PM	Tacoma, Washington	Suspected Physical Attack	N/A	N/A	15FEB2012:16:00:00
2012	2	15/02/12	Puget Sound Energy	5:33:00 AM	Port Orchard, Washington	Suspected Physical Attack	0	0	15FEB2012:17:30:00
2012	2	17/02/12	Entergy Services, Inc	3:00:00 AM	Little Rock, Arkansas	Suspected Cyber Attack	UNK	UNK	17FEB2012:11:33:00
2012	2	19/02/12	American Electric Power	5:00:00 PM	Kentucky, Virginia, West Virginia	Severe Weather - Winter Storm	UNK	90000	21FEB2012:07:33:00
2012	2	23/02/12	ISO New England	11:12 PM	Londonderry, New Hampshire	Suspected Physical Attack	0	0	24FEB2012:01:00:00
2012	2	23/02/12	City of College Station	5:45:00 AM	South East College Station, Texas	Suspected Physical Attack	0	0	23FEB2012:15:02:00
2012	2	24/02/12	Tacoma Power (TPWR)	11:24 AM	Spanaway, Washington	Suspected Physical Attack	N/A	N/A	24FEB2012:11:49:00
2012	2	28/02/12	Coos Curry Electric Cooperative	7:00:00 AM	Coos County Oregon	Suspected Physical Attack	UNK	UNK	28FEB2012:07:00:00
2012	2	28/02/12	Pacific Gas and Electric	2:59:00 AM	Sacramento, California	Electrical System Separation (Islanding)	1	1	28FEB2012:06:12:00
2012	3	02/03/12	Consumers Energy	9:00:00 PM	Lower Peninsula, Michigan	Severe Weather - Winter Storm	50	140000	04MAR2012:17:30:00
2012	3	02/03/12	Detroit Edison, Subsidiary of DTE Energy	9:00:00 PM	Southeastern, Michigan	Severe Weather - Winter Storm	371	130000	05MAR2012:16:30:00
2012	3	02/03/12	City of Piggott, Arkansas	1:45:00 PM	Piggott, Arkansas	Operational Failure/Equipment Malfunction	N/A	N/A	02MAR2012:15:30:00
2012	3	02/03/12	Tennessee Valley Authority (TVA)	12:37 PM	Northern Alabama; Southeast Tennessee	Severe Weather - Tornadoes	500	UNK	05MAR2012:12:01:00
2012	3	04/03/12	Entergy Corporation	1:38:00 PM	Texas	Suspected Physical Attack	UNK	UNK	05MAR2012:11:00:00
2012	3	04/03/12	Potomac Electric Power (Pepco Holdings Inc.)	1:27:00 AM	Prince Georges County, Maryland	Suspected Physical Attack	N/A	N/A	04MAR2012:06:58:00
2012	3	16/03/12	Delmarva Power & Light Company	4:00:00 PM	New Castle, Delaware	Suspected Physical Attack	0	0	16MAR2012:16:00:00
2012	3	20/03/12	CenterPoint Energy	8:00:00 AM	Houston, Texas	Severe Weather - Thunderstorms	N/A	96000	20MAR2012:13:00:00
2012	3	23/03/12	Delmarva Power & Light Company	7:34:00 PM	Newark, Delaware	Suspected Physical Attack	0	0	23MAR2012:19:34:00
2012	3	26/03/12	Tacoma Power (TPWR)	1:24:00 PM	Tacoma, Washington	Suspected Physical Attack	N/A	N/A	26MAR2012:13:24:00
2012	3	28/03/12	Tacoma Power (TPWR)	10:17 AM	Graham, Washington	Suspected Physical Attack	N/A	N/A	28MAR2012:10:17:00
2012	3	29/03/12	Lansing Board of Water & Light	12:01 PM	Lansing, Michigan	Electrical System Separation (Islanding)	UNK	0	29MAR2012:12:02:00
2012	3	30/03/12	ISO New England	11:10 AM	Vermont	Suspected Physical Attack	N/A	N/A	30MAR2012:11:30:00
2012	4	01/04/12	Mid American Energy Company	8:27:00 PM	Council Bluffs, Iowa	Vandalism	0	0	03APR2012:08:28:00
2012	4	03/04/12	Seattle City Light	3:33:00 PM	Seattle, Washington	Physical Attack	0	0	03APR2012:20:25:00
2012	4	03/04/12	ISO New England	11:10 AM	West Rutland, Vermont	Vandalism	0	0	03APR2012:11:25:00
2012	4	04/04/12	Western Area Power Authority - Sierra Nevada Region (WASN)	3:32:00 PM	WAPA-SNR Regional Office, California	Suspected Physical Attack	N/A	N/A	06APR2012:15:30:00
2012	4	07/04/12	Delmarva Power & Light Company	9:31:00 AM	Newark, Delaware	Physical Attack	0	0	07APR2012:09:32:00
2012	4	07/04/12	Delmarva Power & Light Company	12:25 PM	Newark, Delaware	Physical Attack	0	0	07APR2012:12:26:00
2012	4	07/04/12	Delmarva Power & Light Company	2:35:00 PM	Newark, Delaware	Physical Attack	0	0	07APR2012:14:36:00
2012	4	11/04/12	North Attleborough Electric Department	9:00:00 AM	North Attleboro, Massachusetts	Vandalism	0	0	11APR2012:09:00:00
2012	4	12/04/12	Tacoma Power (TPWR)	8:08:00 AM	Tacoma, Washington	Suspected Physical Attack	N/A	N/A	12APR2012:16:30:00
2012	4	15/04/12	Southern Company	7:38:00 PM	Georgia	Suspected Physical Attack	UNK	UNK	15APR2012:21:26:00
2012	4	16/04/12	Detroit Edison, Subsidiary of DTE Energy	3:46:00 PM	Southeast, Michigan	Severe Weather - High Winds	218	111393	19APR2012:02:00:00

Table B.1 Major Disturbances and Unusual Occurrences, Year-to-Date 2012

YEAR	MONTH	Date	Utility/Power Pool (NERC Region)	EVENT_DATE	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected	Restoration
2012	1	04/01/12	Tacoma Power (TPWR)	12:14 PM	Tacoma, Washington	Suspected physical attack	N/A	N/A	04JAN2012:12:14:00
2012	4	17/04/12	San Diego Gas & Electric Company	6:11:00 AM	San Diego County, California	Suspected Physical Attack	0	0	17APR2012:17:48:00
2012	4	19/04/12	Tacoma Power (TPWR)	7:53:00 AM	Tacoma, Washington	Suspected Physical Attack	N/A	N/A	19APR2012:16:00:00
2012	4	20/04/12	CenterPoint Energy	2:27:00 PM	Metropolitan Houston, Texas	Severe Weather - Thunderstorms	N/A	120377	21APR2012:04:27:00
2012	4	21/04/12	Tacoma Power (TPWR)	8:55:00 PM	Tacoma, Washington	Suspected Physical Attack	N/A	N/A	23APR2012:16:30:00
2012	4	21/04/12	ISO New England	3:02:00 PM	East Bridgewater, Massachusetts	Physical Attack	N/A	N/A	21APR2012:20:09:00
2012	4	23/04/12	Seattle City Light	11:56 AM	Snohomish County, Washington	Suspected Physical Attack	N/A	N/A	23APR2012:15:35:00
2012	4	23/04/12	Northern Indiana Public Service Company (NIPSCO)	8:11:00 AM	Northwest Indiana	Suspected Physical Attack	N/A	N/A	23APR2012:12:47:00
2012	5	07/05/12	American Electric Power (AEP)	5:45:00 PM	Eastern Ohio	Load Shed/Severe Weather - Lightning Storm	420	1	07MAY2012:18:06:00
2012	5	07/05/12	ISO New England	12:50 PM	Williston, Vermont	Vandalism	0	0	07MAY2012:14:00:00
2012	5	11/05/12	Tacoma Power (TPWR)	11:05 AM	Lakewood, Washington	Vandalism	N/A	N/A	11MAY2012:11:20:00
2012	5	24/05/12	ISO New England	3:20:00 PM	Tyngsborough, Massachusetts	Physical Attack	UNK	UNK	25MAY2012:17:29:00
2012	5	29/05/12	Tacoma Power (TPWR)	6:30:00 PM	Alder Dam, Pierce County, Washington	Physical Attack	N/A	N/A	29MAY2012:19:40:00
2012	5	29/05/12	Oklahoma Gas & Electric	8:35:00 PM	Oklahoma City Metro Area, Oklahoma	Severe Weather - Thunderstorms	UNK	112000	31MAY2012:10:00:00
2012	5	31/05/12	American Electric Power (AEP)	11:45 PM	Columbus, Ohio	Physical Attack	0	0	01JUN2012:04:30:00

Note: Customers affected are estimates and are preliminary.
Source: Form OE-417, 'Electric Emergency Incident and Disturbance Report.'

Table B.2 Major Disturbances and Unusual Occurrences, 2011

YEAR	MONTH	Date	Utility/Power Pool (NERC Region)	EVENT_DATE	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected	Restoration
			New Athens Generating Co. LLC	11:08 PM	Athens, New York	Electrical Fault at Generator	0	0	11JAN2011:23:08:00
2011	1	11/01/11	National Grid	6:00:00 AM	Massachusetts	Winter Storm	N/A	80000	12JAN2011:14:00:00
2011	1	13/01/11	JEA	7:21:00 AM	North Florida	Firm System Load Shed	150	20900	13JAN2011:08:13:00
					Whitman, Auburn St Substation,				
2011	1	18/01/11	National Grid	2:00:00 PM	Massachusetts	Vandalism	0	0	18JAN2011:14:00:00
2011	1	23/01/11	PacifiCorp	7:00:00 AM	Franklin County, Idaho	Vandalism	0	0	23JAN2011:13:00:00
					Newman Power Plant, Texas				
2011	1	24/01/11	El Paso Electric Company	1:20:00 PM		Suspicious Activity	0	0	24JAN2011:13:30:00
2011	1	25/01/11	Atlantic City Electric	3:23:00 AM	Newark, Delaware	Vandalism	0	0	25JAN2011:11:00:00
			Dominion - Virginia Power						
2011	1	26/01/11		7:43:00 PM	Northern Virginia	Winter Storm	600	150084	27JAN2011:18:18:00
2011	1	26/01/11	ITC Transmission	9:33:00 AM	Michigan	Vandalism	0	0	27JAN2011:15:03:00
					Montgomery and Prince George's County, Maryland and District of Columbia				
2011	1	26/01/11	Potomac Electric Power Co/ PEPCO Holdings Inc.	5:00:00 PM		Winter Storm	N/A	210000	31JAN2011:08:00:00
						Suspected Telecommunications Attack			
2011	1	26/01/11	NV Energy	9:25:00 AM	Carson City, Nevada		0	0	27JAN2011:17:00:00
2011	1	26/01/11	Baltimore Gas and Electric Company	6:28:00 PM	Maryland	Winter Storm	N/A	234326	29JAN2011:17:00:00
						Fuel Supply Deficiency (Coal)			
2011	1	27/01/11	AES Greenidge, LLC	5:00:00 PM	Central New York		108	N/A	30JAN2011:05:00:00
2011	1	27/01/11	Delmarva Power & Light Company	9:30:00 AM	Hockessin, Delaware	Vandalism	0	0	27JAN2011:09:30:00
					Southwestern Ohio and Indiana				
2011	1	31/01/11	Duke Energy Midwest	10:00 PM		Ice Storm	996	272880	03FEB2011:12:00:00
			Exelon Corp/ComEd - Commonwealth Edison						
2011	2	01/02/11		9:00:00 PM	Northern Illinois	Winter Storm	UNK	190000	02FEB2011:14:00:00
			American Electric Power - Ohio						
2011	2	01/02/11		3:00:00 PM	Indiana, Ohio	Winter Storm	UNK	158013	03FEB2011:12:00:00
						Generation			
2011	2	02/02/11	ERCOT ISO	5:43:00 AM	Texas	Inadequacy/Load Shed	4000	1069730	03FEB2011:10:00:00
			Exelon Corporation/PECO						
2011	2	02/02/11		3:00:00 AM	Philadelphia area, Pennsylvania	Winter Storm	UNK	213000	04FEB2011:23:59:00
					Dona Ana and El Paso Counties, Texas and Hudspeth County, New Mexico				
2011	2	02/02/11	El Paso Electric Company	7:24:00 AM		Generation Inadequacy/Load Shed	280	178000	02FEB2011:22:23:00
						Generation Inadequacy/Load Shed			
2011	2	02/02/11	Salt River Project	6:22:00 AM	Central Arizona		3963	69000	02FEB2011:09:57:00
					Texas Panhandle, Southeastern New Mexico				
2011	2	02/02/11	Southwestern Public Service	5:00:00 PM		Fuel Supply Deficiency (Natural Gas)	UNK	UNK	03FEB2011:22:00:00
						Generation Inadequacy/Load Shed			
2011	2	03/02/11	ERCOT ISO	10:04 PM	Texas		400	86013	04FEB2011:12:32:00
			San Diego Gas and Electric Company						
2011	2	03/02/11		3:00:00 PM	San Diego area, California	Fuel Supply Deficiency (Natural Gas)	N/A	UNK	04FEB2011:12:00:00
2011	2	03/02/11	Potomac Electric Power Co/PEPCO Holdings Inc.	2:30:00 PM	Bowie, Maryland	Suspected Cyber Attack	N/A	0	03FEB2011:14:30:00
2011	2	09/02/11	CenterPoint Energy	3:45:00 AM	Western Houston, Texas	Winter Storm	399	60000	09FEB2011:09:12:00
2011	2	09/02/11	ERCOT ISO	4:30:00 PM	Texas	Cold Weather Event	N/A	N/A	10FEB2011:12:33:00
					University Place, Washington				
2011	2	09/02/11	Tacoma Power - TPWR	2:54:00 PM		Vandalism	0	0	09FEB2011:17:00:00
2011	2	10/02/11	Tacoma Power - TPWR	1:00:00 PM	LaGrande, Washington	Vandalism	0	0	10FEB2011:13:00:00
					Northern and Central California				
2011	2	17/02/11	Pacific Gas and Electric	1:25:00 AM		Major Storm	91	80000	19FEB2011:10:13:00
			City of Roseville (Roseville Electric)						
2011	2	17/02/11		1:00:00 PM	Roseville, California	Suspected Cyber Attack	0	0	23FEB2011:16:53:00
			Delmarva Power & Light Company						
2011	2	19/02/11		4:34:00 PM	Harrington, Delaware	Vandalism	0	0	19FEB2011:16:34:00
			Exelon Corporation/PECO						
2011	2	19/02/11		12:30 PM	Philadelphia area, Pennsylvania	Major Storm	UNK	118000	20FEB2011:04:00:00
					Southern Lower Peninsula, Michigan				
2011	2	20/02/11	Consumers Energy	4:00:00 PM		Winter Storm	262	160000	23FEB2011:16:00:00
			American Electric Power (CSWS-SPP)			Electrical System Separation (Islanding)			
2011	2	24/02/11		4:51:00 PM	Arkansas		4	UNK	24FEB2011:16:54:00
2011	2	25/02/11	PacifiCorp	10:30 AM	Salt Lake City, Utah	Vandalism	0	0	25FEB2011:10:45:00
2011	2	25/02/11	Baltimore Gas & Electric	3:23:00 PM	Maryland	Severe Weather	UNK	93000	27FEB2011:18:00:00
					Northern and Central California				
2011	2	25/02/11	Pacific Gas and Electric	8:00:00 AM		Winter Storm	91	80000	28FEB2011:17:30:00
			Dominion - Virginia Power						
2011	2	25/02/11		3:20:00 PM	Virginia	Severe Weather	UNK	50000	25FEB2011:18:00:00
						Fuel Supply Deficiency (Coal)			
2011	3	01/03/11	AES Somerset	8:00:00 AM	Western New York		675	UNK	05MAR2011:09:30:00
					Salt Lake City Region, Utah				
2011	3	06/03/11	PacifiCorp	2:54:00 AM		Vandalism	UNK	0	08MAR2011:08:00:00
						Fuel Supply Deficiency (Coal)			
2011	3	08/03/11	AES Somerset	8:00:00 AM	Western New York		676	UNK	18MAR2001:09:00:00
						Suspected Physical Attack			
2011	3	10/03/11	ERCOT ISO	12:03 PM	Texas		N/A	N/A	11MAR2011:06:00:00
					Humboldt and Eureka, California				
2011	3	11/03/11	Pacific Gas and Electric	7:02:00 AM		Generation Inadequacy/Load Shed	15	6800	11MAR2011:09:15:00
2011	3	13/03/11	PacifiCorp	2:20:00 PM	Oregon	Severe Weather	UNK	9000	14MAR2011:15:46:00
2011	3	14/03/11	Baltimore Gas & Electric	7:30:00 AM	Baltimore, Maryland	Suspected Cyber Attack	N/A	N/A	14MAR2011:16:55:00
			Entergy Services, Incorporated			Suspected Physical Attack			
2011	3	15/03/11		6:00:00 PM	The Woodlands, Texas		N/A	N/A	15MAR2011:19:14:00
					Deerfield, New Hampshire				
2011	3	17/03/11	ISO New England	7:40:00 AM		Vandalism	N/A	N/A	17MAR2011:11:00:00
2011	3	18/03/11	Dayton Power & Light	9:54:00 AM	Greene County, Ohio	Vandalism	N/A	N/A	18MAR2011:15:34:00
					Northern and Central California				
2011	3	19/03/11	Pacific Gas and Electric	11:56 PM		Major Storm	91	128000	24MAR2011:19:10:00
2011	3	20/03/11	Los Angeles Department of Water and Power	9:44:00 AM	Los Angeles, California	Major Storm	UNK	79000	21MAR2011:10:00:00
					Deerfield, New Hampshire				
2011	3	21/03/11	ISO New England	12:57 AM		Vandalism	N/A	N/A	21MAR2011:02:29:00
					Deerfield, New Hampshire				
2011	3	21/03/11	ISO New England	12:57 AM		Vandalism	N/A	N/A	21MAR2011:02:29:00
			Southern California Edison Company (SCE)						
2011	3	21/03/11		12:35 PM	Southern California	Major Storm	150	54332	21MAR2011:14:45:00

Table B.2 Major Disturbances and Unusual Occurrences, 2011

YEAR	MONTH	Date	Utility/Power Pool (NERC Region)	EVENT_DATE	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected	Restoration
2011	1	11/01/11	New Athens Generating Co. LLC	11:08 PM	Athens, New York	Electrical Fault at Generator	0	0	11JAN2011:23:08:00
2011	3	23/03/11	American Electric Power - AEP	6:30:00 PM	Indiana. Kentucky, Michigan, Ohio, Tennessee, Virginia, West Virginia	Major Storm	UNK	60596	24MAR2011:04:55:00
2011	3	27/03/11	Pacific Gas and Electric	1:27:00 PM	Sonoma and Central Valley, California	Transmission Level Outage	295	165000	27MAR2011:17:00:00
2011	3	31/03/11	Progress Energy Florida (PEF)	2:30:00 PM	Central and Western Florida	Severe Weather	UNK	50000	01APR2011:23:59:00
2011	3	31/03/11	Tampa Electric Company	11:30 AM	Greater Tampa Bay, Florida	Severe Weather	206	87000	31MAR2011:20:30:00
2011	4	03/04/11	Entergy Corporation	8:23:00 PM	Unknown	Suspected Cyber Attack	0	0	05APR2011:15:00:00
2011	4	04/04/11	Southern Company	9:00:00 PM	Alabama, Florida, Georgia, Mississippi	Severe Weather	674	303434	05APR2011:23:30:00
2011	4	04/04/11	Entergy Corporation	7:00:00 PM	Southeast Arkansas, Southeast Louisiana, Western Mississippi, Eastern Texas	Severe Weather	UNK	74645	05APR2011:20:00:00
2011	4	04/04/11	American Electric Power (AEP)	7:00:00 PM	Kentucky, West Virginia	Severe Weather	UNK	52920	05APR2011:12:00:00
2011	4	04/04/11	Tennessee Valley Authority	2:00:00 PM	Davidson Count, Tennessee	Severe Weather	300	73000	08APR2011:00:01:00
2011	4	04/04/11	Memphis Light Gas and Water Division	1:00:00 PM	Shelby County, Tennessee	Severe Weather	300	63000	05APR2011:00:00:00
2011	4	04/04/11	Tennessee Valley Authority	11:47 AM	Memphis, Tennessee	Severe Weather	359	63000	08APR2011:00:01:00
2011	4	05/04/11	Duke Energy Carolinas	2:00:00 AM	North Carolina, South Carolina	Severe Weather	1200	256000	07APR2011:23:00:00
2011	4	06/04/11	Delmarva Power & Light Company	10:50 AM	Felton, Delaware	Vandalism	0	0	06APR2011:10:50:00
2011	4	11/04/11	PacifiCorp	5:40:00 PM	Salt Lake City, Utah	Suspicious Activity	0	0	11APR2011:17:51:00
2011	4	16/04/11	Progress Energy Carolinas Inc	2:16:00 PM	Central and Eastern North Carolina	Severe Weather	UNK	220000	17APR2011:16:30:00
2011	4	19/04/11	Constellation Energy Control and Dispatch	11:13 PM	Osceola, Arkansas	Severe Weather	22	UNK	20APR2011:19:14:00
2011	4	19/04/11	Ameren Illinois	8:00:00 PM	Illinois	Severe Weather	UNK	80000	19APR2011:22:00:00
2011	4	19/04/11	Tennessee Valley Authority	11:02 PM	Memphis, Tennessee	Severe Weather	300	105000	21APR2011:17:32:00
2011	4	19/04/11	Memphis Light Gas and Water Division	10:44 PM	Memphis, Tennessee	Severe Weather	100	64000	20APR2011:02:00:00
2011	4	19/04/11	Tacoma Power Water Rail (TPWR)	2:01:00 PM	Graham, Washington	Vandalism	0	0	19APR2011:16:04:00
2011	4	20/04/11	Duke Energy Midwest	2:00:00 AM	Indiana, Kentucky, Ohio	Severe Weather - High Winds	UNK	165711	21APR2011:12:00:00
2011	4	20/04/11	City of Ruston & Constellation Energy	8:07:00 AM	Ruston, Louisiana	Equipment Malfunction	33	11000	20APR2011:08:14:00
2011	4	21/04/11	ITC Holdings	7:00:00 PM	Trenton, Michigan	Suspicious Activity	UNK	UNK	29APR2011:19:05:00
2011	4	21/04/11	PacifiCorp	7:15:00 AM	Oquirrh Substation, Salt Lake City, Utah	Vandalism	0	0	21APR2011:16:50:00
2011	4	22/04/11	Ameren	9:00:00 PM	Metro St. Louis area, Missouri	Severe Weather	0	55000	22APR2011:23:00:00
2011	4	25/04/11	Entergy Corporation	5:30:00 PM	Arkasas, Louisiana, Mississippi	Severe Weather	UNK	141700	27APR2011:18:00:00
2011	4	25/04/11	Tennessee Valley Authority	4:33:00 PM	Northeast Tennessee	Equipment Malfunction	140	UNK	25APR2011:17:19:00
2011	4	26/04/11	Tennessee Valley Authority	9:51:00 AM	Alabama, Georgia, Mississippi, Tennessee	Severe Weather	UNK	55000	28APR2011:09:51:00
2011	4	26/04/11	Entergy Corporation	5:49:00 AM	Southern Louisiana	Severe Weather	120	UNK	27APR2011:09:59:00
2011	4	26/04/11	West Memphis Utilities	6:14:00 PM	Eastern Arkansas	Severe Weather	50	13000	28APR2011:17:00:00
2011	4	26/04/11	Pacificorp	1:04:00 PM	Salt Lake City, Utah	Vandalism	0	0	26APR2011:14:00:00
2011	4	27/04/11	Southern Company	8:00:00 AM	Alabama, Florida, Georgia, Mississippi	Severe Weather	1422	426640	02MAY2011:16:03:00
2011	4	27/04/11	American Electric Power	10:00 PM	Ohio, Tennessee, Virginia	Severe Weather	0	69000	28APR2011:10:00:00
2011	4	27/04/11	Tennessee Valley Authority	10:00 AM	Alabama, Georgia, Mississippi, Tennessee	Severe Weather	UNK	612000	29APR2011:16:29:00
2011	4	28/04/11	Mesquite Power, LLC	4:09:00 PM	Phoenix, Arizona	Equipment Malfunction	960	UNK	28APR2011:16:10:00
2011	4	28/04/11	FirstEnergy Service Company	5:00:00 AM	Cleveland area, Ohio	Severe Weather	UNK	86000	30APR2011:18:30:00
2011	5	02/05/11	PacifiCorp	8:52:00 AM	N. Ogden Substation, Ogden, Utah	Vandalism	0	0	02MAY2011:10:46:00
2011	5	02/05/11	The United Illuminating Company	2:00:00 PM	West River Substation, New Haven, Connecticut	Suspected Physical Attack	220	62000	02MAY2011:14:00:00
2011	5	03/05/11	New York Power Authority	12:00 PM	St. Lawrence Power Dam, New York	Suspected Physical Attack	0	0	05MAY2011:12:00:00
2011	5	04/05/11	ITC Holdings, Inc.	12:20 PM	Michigan	Suspected Sabatoge	0	0	04MAY2011:15:40:00
2011	5	04/05/11	FirstEnergy Generation	1:08:00 PM	Maryland	Suspected Physical Attack	0	0	04MAY2011:13:25:00
2011	5	05/05/11	ISO New England	9:15:00 AM	New Hampshire	Vandalism	0	0	05MAY2011:09:15:00
2011	5	06/05/11	PacifiCorp	6:56:00 AM	Alderwood Substation, Portland, Oregon	Vandalism	0	0	06MAY2011:10:30:00
2011	5	08/05/11	Castelton Power, LLC	7:35:00 PM	New York	Vandalism	UNK	0	08MAY2011:19:35:00
2011	5	09/05/11	Exelon Generation Company, LLC	4:08:00 AM	Holtwood, Pennsylvania	Suspected Physical Attack	630	UNK	09MAY2011:06:40:00
2011	5	09/05/11	Public Service of New Hampshire	1:11:00 PM	Milton, New Hampshire	Vandalism	0	0	09MAY2011:13:11:00
2011	5	10/05/11	Midwest Independent System Operator (MISO)	3:25:00 AM	Upper Peninsula, Michigan	Generation Inadequacy; Load Shed; Electrical System Separation (Islanding)	585	78213	11MAY2011:14:10:00
2011	5	10/05/11	ISO New England	1:45:00 PM	New Hampshire	Vandalism	0	0	10MAY2011:15:00:00
2011	5	10/05/11	American Electric Power	10:21 PM	Kentucky, West Virginia	Severe Weather	UNK	58000	11MAY2011:14:25:00
2011	5	11/05/11	Duke Energy Carolinas	12:15 AM	Charlotte, North Carolina	Severe Weather	300	71000	11MAY2011:17:20:00
2011	5	11/05/11	Central Hudson Gas & Electric Corp.	11:00 AM	North Chelsea Substation, New York	Vandalism	0	0	11MAY2011:11:30:00
2011	5	11/05/11	PacifiCorp	1:35:00 PM	Green River, Wyoming	Vandalism	0	0	11MAY2011:13:35:00
2011	5	11/05/11	Minnesota Power	3:55:00 PM	Colbyville, Haines Road and Arrowhead Substations, Minnesota	Vandalism	0	0	12MAY2011:13:57:00
2011	5	13/05/11	PacifiCorp	6:00:00 AM	Salt Lake, Utah	Vandalism	0	0	13MAY2011:06:00:00
2011	5	21/05/11	Terra-Gen Dixie Valley, LLC	5:00:00 PM	Dixie Valley Area, Nevada	Physical Attack	56	UNK	22MAY2011:18:34:00
2011	5	22/05/11	Empire District Electric	5:09:00 PM	Joplin, Sarcoxie, and Wentworth, Missouri	Severe Weather	200	20000	31MAY2011:12:01:00

Table B.2 Major Disturbances and Unusual Occurrences, 2011

YEAR	MONTH	Date	Utility/Power Pool (NERC Region)	EVENT_DATE	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected	Restoration
2011	1	11/01/11	New Athens Generating Co. LLC	11:08 PM	Athens, New York	Electrical Fault at Generator	0	0	11JAN2011:23:08:00
2011	5	23/05/11	Ameren	12:30 PM	St. Louis County, Missouri	Severe Weather	UNK	70000	25MAY2011:12:30:00
2011	5	23/05/11	Duke Energy Midwest	4:45:00 PM	Central, Indiana	Severe Weather	1024	215387	25MAY2011:23:59:00
2011	5	24/05/11	Edison Mission Generation (Fisk Station)	9:00:00 AM	Chicago, Illinois	Physical Attack	0	0	25MAY2011:09:10:00
2011	5	24/05/11	Dominion Virginia Power	4:35:00 PM	Eastern Virginia	Severe Weather	790	175000	25MAY2011:12:40:00
2011	5	24/05/11	Oklahoma Gas & Electric	4:45:00 PM	Central Oklahoma	Severe Weather	UNK	54000	26MAY2011:17:00:00
2011	5	25/05/11	Duke Energy Midwest	10:14 PM	Central Indiana	Severe Weather	200	141000	28MAY2011:11:00:00
2011	5	26/05/11	Greenwood Utilities Commission	1:00:00 AM	Greenwood, Mississippi	Transmission Level Interruption	30	10000	26MAY2011:06:00:00
2011	5	26/05/11	Southern Company	6:30:00 PM	Southern Balancing Area, Georgia	Severe Weather	729	218783	28MAY2011:04:44:00
2011	5	26/05/11	PPL Electric Utilities	7:56:00 PM	Central Pennsylvania	Severe Weather	150	120001	27MAY2011:18:00:00
2011	5	29/05/11	Consumers Energy	6:30:00 PM	Mid and Southern Lower Peninsula, Michigan	Severe Weather	250	113000	31MAY2011:22:00:00

Note: Customers affected are estimates and are preliminary.
Source: Form OE-417, 'Electric Emergency Incident and Disturbance Report.'

Appendix C

Technical Notes

This appendix describes how the U. S. Energy Information Administration (EIA) collects, estimates, and reports electric power data in the EPM.

Data Quality

The EPM is prepared by the Office of Electricity, Renewables & Uranium Statistics (ERUS), Energy Information Administration (EIA), U. S. Department of Energy. Quality statistics begin with the collection of the correct data. To assure this, ERUS 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, ERUS 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 non-sampling. 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 non-sampling errors. Monthly sample survey data have both sampling and non-sampling error. Annual survey data are collected by a census and are not subject to sampling error.

Non-sampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse); (2) response errors; (3) definitional difficulties; (4) differences in the interpretation of questions; (5) mistakes in recording or coding the data 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 non-sampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. See the Data Processing and Data System Editing section for each EIA form for an in-depth discussion of how the sampling and non-sampling errors are handled in each case.

Relative Standard Error: The relative standard error (RSE) statistic, usually given as a percentage, describes the magnitude of sampling error that might reasonably be incurred. 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.

The sampling error may be less than the non-sampling error. In fact, large RSE estimates found in preliminary work with these data have often indicated non-sampling errors, which were then identified and corrected. Non-sampling 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 non-sampling errors also occur in complete censuses.

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 percentages. 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 non-sampling 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.

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 percentage. However, where the RSE is only designed to estimate the magnitude of sampling error, the RSESP more fully reflects the impact of variability from sampling and non-sampling errors. This is a more complete measure than RSE in that it can measure statistical variability in a complete census in addition to a sample^{21,24}. 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 data²². 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, ERUS 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.

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. 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.

Estimation for missing monthly data is accomplished by relating the observed data each month to one or more other data elements (regressors) for which we generally have an annual census. Each year, when new annual regressor data are available, recent monthly relationships are updated, causing slight revisions to estimated monthly results. These revisions are made as soon as the annual data are released.

The basic technique employed is described in the paper "Model-Based Sampling and Inference¹⁶," on the EIA website. Additional references can be found on the InterStat website (<http://interstat.statjournals.net/>). The basis for the current methodology involves a 'borrowing of strength' technique for small domains.¹

Data Revision Procedure

ERUS 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 after the prior year's data are finalized and are disseminated as revised preliminary. No revisions are made to the published data before this or subsequent to these data being finalized 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.

Data Sources For Electric Power Monthly

Data published in the 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.gov/electricity/uxtxg1>

In addition to the above-named forms, the historical data published in the EPM for periods prior to 2008 are compiled from the following sources:

- FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants,"
- Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report,"
- Form EIA-759, "Monthly Power Plant Report,"

- Form EIA-860A, “Annual Electric Generator Report–Utility,”
- Form EIA-860B, “Annual Electric Generator Report–Nonutility,”
- Form EIA-900, “Monthly Nonutility Power Report,”
- Form EIA-906, “Power Plant Report,” and
- Form EIA-920, “Combined Heat and Power Plant Report.”

See Appendix A of the historical *Electric Power Annual* reports to find descriptions of forms that are no longer in use. The publications are located at:

http://www.eia.gov/electricity/o_qpvj_r/backissues.html.

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

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

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

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

Meanings of Symbols Appearing in Tables: The following symbols have the meaning described below:

- * The value reported is less than half of the smallest unit of measure, but is greater than zero.
- P Indicates a preliminary value.
- NM Data value is not meaningful, either (1) when compared to the same value for the previous time period, or (2) when a data value is not meaningful due to having a high Relative Standard Error (RSE).
- (*) Usage of this symbol indicates a number rounded to zero.

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 500 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. 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 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 included 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.

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 Form EIA-860 or Form EIA-923. See the following

link for a detailed explanation.
<http://www.eia.gov/cneaf/electricity/2008forms/consolidate.html>

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

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.

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 estimates¹⁷.

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. Non-sampling error must also be considered. The non-sampling error is not estimated directly, although attempts are made to minimize the non-sampling error.

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

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

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

patterns of consumers and their associated impact on the costs to the electric utility for providing electrical service.

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

Sensitive Data: 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 annual census of all existing and planned electric generating facilities 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 10-year plans for constructing new plants, as well as 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, 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.

Instrument and Design History: The Form EIA-860 was originally implemented in January 1985 to collect data as of year-end 1984. It was preceded by several Federal Power Commission (FPC) forms including the FPC Form 4, Form 12 and 12E, Form 67, and Form EIA-411. 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.

In 1989, the Form EIA-867, "Annual Nonutility Power Producer Report," was initiated to collect plant data on unregulated entities with a total generator nameplate capacity of 5 or more megawatts. In 1992, the reporting threshold of the Form EIA-867 was lowered to include all facilities with a combined nameplate capacity of 1 or more megawatts. Previously, data were collected every 3 years from facilities with a nameplate capacity between 1 and 5 megawatts. In 1998, the Form EIA-867, was renamed Form EIA-860B, "Annual Electric Generator Report – Nonutility." The Form EIA-860B was a mandatory survey of all existing and planned nonutility electric generating

facilities in the United States with a total generator nameplate capacity of 1 or more megawatts.

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.

Starting with 2007, design parameters data formerly collected on Form EIA-767 were collected on Form EIA-860. These include design parameters associated with certain steam-electric plants' boilers, cooling systems, flue gas particulate collectors, flue gas desulfurization units, and stacks and flues.

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

Estimation of Form EIA-860 Data: EIA received forms from all 18,151 existing generators in the 2010 Form EIA-860 frame, so no imputation was required.

Sensitive Data: The tested heat rate data collected on the Form EIA-860 are considered business sensitive.

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 Form 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 the expected effective date for all new units or expected retirement date for existing units. For all other types of capacity changes (including retirements, uprates, derates, repowering, or other modifications), respondents are added 1 month prior to the anticipated modification change 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 in the frame. Typically, 150 to 200 utilities per month are required to report for 175 to 250 plants (including 250 to 400 generating units) on this form. The unit characteristics of interest are changes to the previously reported planned operating 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:

Approximately 150 to 200 utilities are requested to provide data each month on the Form EIA-860M. These data are 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: 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 sales and revenue data from approximately 3,300 respondents. About 3,200 are electric utilities and the remainder are nontraditional utilities such as energy service providers or the unregulated subsidiaries of electric utilities 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 Form 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.

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 other 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, and does not equal 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: 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 1,900 plants, which includes a census of nuclear and pumped storage hydroelectric plants. In addition approximately 4,050 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 Form 423 were superseded by Form EIA-923 (Schedule 2) in January of 2008. The Form 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 was not 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 entities¹⁴. 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 data¹⁵. 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: For data collected monthly, regression prediction, or imputation, is done for all missing data including non-sampled units and any non-respondents. For data collected annually, imputation is performed for non-respondents. For gross generation and total fuel consumption, multiple regression is used for imputation (see discussion, above). Only approximately 0.02 percent of the national total generation for 2010 is imputed, although this will vary by State and energy source.

When gross generation is reported and net generation is not available, net generation is estimated by using a fixed ratio to gross generation by prime-mover type and installed environmental equipment. These ratios are:

Net Generation = (Factor) x Gross Generation
Prime Movers:
Combined Cycle Steam - 0.97
Combined Cycle Single Shaft - 0.97
Combined Cycle Combustion Turbine - 0.97
Compressed Air - 0.97
Fuel Cell - 0.99
Gas Turbine - 0.98
Hydroelectric Turbine - 0.99
Hydroelectric Pumped Storage - 0.99
Internal Combustion Engine - 0.98
Other - 0.97
Photovoltaic - 0.99
Steam Turbine - 0.97
Wind Turbine - 0.99
Environmental Equipment:
Flue Gas Desulfurization - 0.97
Flue Gas Particulate 0.99
All Others - 0.97

For stocks, a linear combination of the prior month's ending stocks value and the current month's consumption and receipts values are used.

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

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.

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 Forms EIA-906 and EIA-920 for the collection of these data.

Methodology to Estimate Biogenic and Non-biogenic Municipal Solid Waste:² 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.

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 Tables 1 and 2, below).³

These values are used to allocate net generation published in the *Electric Power Monthly* 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. 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.

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).

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 the FERC 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.

Starting with the revised data for 2008, tables for total receipts begin to reflect estimation for all plants with capacity over 1 megawatt, to be consistent with other electric power data. Previous receipts data published have been a legacy of their original collection as information for a regulatory agency, not as a survey to provide more meaningful estimates of totals for statistical purposes. Totals appeared to become smaller as more electric production came from unregulated plants, until the Form EIA-423 was created to help fill that gap. As a further improvement, estimation of all receipts for the universe normally depicted in the EPM (i.e., 1 megawatt and above), with associated relative standard errors, provides a more complete assessment of the market.

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: Most of the data collected on the Form EIA-923 are not considered business sensitive. However, the cost of fuel delivered to nonutilities, commodity cost of fossil fuels, and reported fuel stocks at the end of the reporting period are considered business sensitive and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the

Possession of the EIA” (45Federal Register 59812 (1980)).

NERC Classification

The Florida Reliability Coordinating Council (FRCC) separated itself from the Southeastern Electric Reliability Council (SERC) in the mid-1990s. In 1998, several utilities realigned from Southwest Power Pool (SPP) to SERC. Name changes altered both the Mid-Continent Area Power Pool (MAPP) to the Midwest Reliability Organization (MRO) and the Western Systems Coordinating Council (WSCC) to the Western Energy Coordinating Council (WECC). The MRO membership boundaries have altered over time, but WECC membership boundaries have not. The utilities in the associated regional entity identified as the Alaska System Coordination Council (ASCC) dropped their formal participation in NERC. Both the States of Alaska and Hawaii are not contiguous with the other continental States and have no electrical interconnections. At the close of calendar year 2005, the following reliability regional councils were dissolved: East Central Area Reliability Coordinating Agreement (ECAR), Mid-Atlantic Area Council (MAAC), and Mid-America Interconnected Network (MAIN).

On January 1, 2006, the ReliabilityFirst Corporation (RFC) came into existence as a new regional reliability council. Individual utility membership in the former ECAR, MAAC, and MAIN councils mostly shifted to RFC. However, adjustments in membership as utilities joined or left various reliability councils impacted MRO, SERC, and SPP. The Texas Regional Entity (TRE) was formed from a delegation of authority from NERC to handle the regional responsibilities of the Electric Reliability Council of Texas (ERCOT). The revised delegation agreements covering all the regions were approved by the Federal Energy Regulatory Commission on March 21, 2008. Reliability Councils that are unchanged include: Florida Reliability Coordinating Council (FRCC), Northeast Power Coordinating Council (NPCC), and the Western Energy Coordinating Council (WECC).

The new NERC Regional Council names are as follows:

- Florida Reliability Coordinating Council (FRCC),
- Midwest Reliability Organization (MRO),
- Northeast Power Coordinating Council (NPCC),
- ReliabilityFirst Corporation (RFC),
- Southeastern Electric Reliability Council (SERC),
- Southwest Power Pool (SPP),
- Texas Regional Entity (TRE), and
- Western Energy Coordinating Council (WECC).

Business Classification

Nonutility power producers consist of corporations, persons, agencies, authorities, or other legal entities that own or operate facilities for electric generation but are not electric utilities. This includes qualifying cogenerators, small power producer, and independent power producers. Furthermore, nonutility power producers do not have a designated franchised service area. In addition to entities whose primary business is the production and sale of electric power, entities with other primary business classifications can and do sell electric power. These can consist of manufacturing, agricultural, forestry, transportation, finance, service and administrative industries, based on the Office of Management and Budget's Standard Industrial Classification (SIC) Manual. 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

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Manufacturing

- 311 Food and kindred products
- 3122 Tobacco products
- 314 Textile and mill products
- 315 Apparel and other finished products made from fabrics and similar materials
- 316 Leather and leather products
- 321 Lumber and wood products, except furniture
- 322 Paper and allied products (other than 322122 or 32213)
- 322122 Paper mills, except building paper
- 32213 Paperboard mills
- 323 Printing and publishing
- 324 Petroleum refining and related industries (other than 32411)
- 32411 Petroleum refining
- 325 Chemicals and allied products (other than 325188, 325211, 32512, or 325311)
- 32512 Industrial organic chemicals
- 325188 Industrial Inorganic Chemicals
- 325211 Plastics materials and resins
- 325311 Nitrogenous fertilizers
- 326 Rubber and miscellaneous plastic products

327	Stone, clay, glass, and concrete products (other than 32731)
32731	Cement, hydraulic
331	Primary metal industries (other than 331111 or 331312)
331111	Blast furnaces and steel mills
331312	Primary aluminum
332	Fabricated metal products, except machinery and transportation equipment
333	Industrial and commercial equipment and components except computer equipment
3345	Measuring, analyzing, and controlling instruments, photographic, medical, and optical goods, watches and clocks
335	Electronic and other electrical equipment and components except computer equipment
336	Transportation equipment
337	Furniture and fixtures
339	Miscellaneous manufacturing industries

Transportation and Public Utilities

22	Electric, gas, and sanitary services
2212	Natural gas transmission
2213	Water supply
22131	Irrigation systems
22132	Sewerage systems
481	Transportation by air
482	Railroad transportation
483	Water transportation
484	Motor freight transportation and warehousing
485	Local and suburban transit and interurban highway passenger transport
486	Pipelines, except natural gas
487	Transportation services
491	United States Postal Service
513	Communications
562212	Refuse systems

Wholesale Trade

421 to 422

Retail Trade

441 to 454

Finance, Insurance, and Real Estate

521 to 533

Services

512	Motion pictures
514	Business services
514199	Miscellaneous services
541	Legal services
561	Engineering, accounting, research, management, and related services
611	Education services
622	Health services
624	Social services
712	Museums, art galleries, and botanical and zoological gardens
713	Amusement and recreation services
721	Hotels
811	Miscellaneous repair services
8111	Automotive repair, services, and parking
812	Personal services
813	Membership organizations
814	Private households

Public Administration

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¹ The basic technique employed is described in the paper "Model-Based Sampling and Inference," on the EIA website. Additional references can be found on the InterStat website (<http://interstat.statjournals.net/>). See the following sources: Knaub, J.R., Jr. (1999a), "Using Prediction-Oriented Software for Survey Estimation," InterStat, August 1999, <http://interstat.statjournals.net/>; Knaub, J.R. Jr. (1999b), "Model-Based Sampling, Inference and Imputation," EIA web site: <http://www.eia.gov/cneaf/electricity/forms/eiawebme.pdf>; Knaub, J.R., Jr. (2005), "Classical Ratio Estimator," InterStat, October 2005, <http://interstat.statjournals.net/>; Knaub, J.R., Jr. (2007a), "Cutoff Sampling and Inference," InterStat, April 2007, <http://interstat.statjournals.net/>; Knaub, J.R., Jr. (2008), "Cutoff Sampling," Definition in Encyclopedia of Survey Research Methods, Editor: Paul J. Lavrakas, Sage, to appear; Knaub, J.R., Jr. (2000), "Using Prediction-Oriented Software for Survey Estimation - Part II: Ratios of Totals," InterStat, June 2000, <http://interstat.statjournals.net/>; 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/>.

² See the following sources: 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; U.S. Energy Information Administration. *Renewable Energy Annual 2004*. "Average Heat Content of Selected Biomass Fuels." Washington, DC, 2005; 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; Utah State University Recycling Center Frequently Asked Questions. Published at <http://www.usu.edu/recycle/faq.htm>. Accessed December 2006.

³ Biogenic components include newsprint, paper, containers and packaging, leather, textiles, yard trimmings, food wastes, and wood. Non-biogenic components include plastics, rubber and other miscellaneous non-biogenic waste.

Table C1. Average Heat Content of Fossil-Fuel Receipts, May 2012

Census Division and State	Coal (Million Btu per Ton)	Petroleum Liquids (Million Btu per Barrel)	Petroleum Coke (Million Btu per Ton)	Natural Gas (Million Btu per Thousand Cubic Feet)
New England	24.83	6.02	--	1.03
Connecticut	--	6.20	--	1.03
Maine	25.39	5.90	--	1.04
Massachusetts	23.63	5.78	--	1.03
New Hampshire	25.90	6.03	--	1.03
Rhode Island	--	5.83	--	1.03
Vermont	--	5.76	--	1.01
Middle Atlantic	22.55	5.86	28.49	1.03
New Jersey	25.83	5.81	--	1.03
New York	23.81	5.93	28.48	1.03
Pennsylvania	22.47	5.81	28.49	1.03
East North Central	20.41	5.98	28.13	1.02
Illinois	17.91	5.77	--	1.02
Indiana	21.84	6.18	--	1.01
Michigan	19.19	5.79	28.31	1.01
Ohio	23.98	5.75	28.49	1.02
Wisconsin	18.52	5.86	27.89	1.02
West North Central	16.76	5.80	28.49	1.02
Iowa	17.26	5.80	28.49	1.01
Kansas	17.29	5.81	--	1.02
Minnesota	17.74	5.83	--	1.02
Missouri	17.62	5.77	--	1.02
Nebraska	17.16	5.78	--	1.02
North Dakota	13.33	5.80	--	0.99
South Dakota	16.48	5.75	--	1.00
South Atlantic	23.58	5.90	27.99	1.02
Delaware	24.20	5.72	--	1.02
District of Columbia	--	5.80	--	--
Florida	23.59	5.86	29.07	1.02
Georgia	21.26	5.96	26.76	1.02
Maryland	24.23	5.81	--	1.03
North Carolina	24.53	6.00	--	1.01
South Carolina	24.89	5.90	--	1.03
Virginia	24.67	5.92	--	1.03
West Virginia	24.13	5.79	--	1.03
East South Central	21.46	5.80	28.36	1.01
Alabama	21.17	5.81	--	1.02
Kentucky	22.73	5.82	28.36	1.03
Mississippi	17.62	5.85	--	1.01
Tennessee	20.65	5.75	--	1.00
West South Central	15.82	5.86	28.78	1.02
Arkansas	17.28	5.88	--	1.02
Louisiana	15.79	5.90	29.16	1.02
Oklahoma	17.25	5.96	28.49	1.03
Texas	15.32	5.80	28.25	1.02
Mountain	19.16	5.60	29.18	1.01
Arizona	19.56	5.62	--	1.02
Colorado	18.94	5.75	--	1.04
Idaho	22.89	5.77	--	1.00
Montana	16.66	4.75	29.18	0.99
Nevada	21.15	5.75	--	1.03
New Mexico	18.58	5.67	--	1.03
Utah	21.97	5.79	--	1.03
Wyoming	17.61	5.79	--	0.45
Pacific Contiguous	20.02	5.70	28.49	1.02
California	23.52	5.77	28.49	1.02
Oregon	--	6.17	--	1.01
Washington	17.12	5.62	--	1.00
Pacific Noncontiguous	18.75	5.94	--	1.01
Alaska	16.74	5.42	--	1.01
Hawaii	20.96	6.02	--	--
U.S. Total	19.53	5.91	28.48	1.02

'Coal' includes anthracite, bituminous, subbituminous, lignite, waste coal and coal synfuel.

'Petroleum Liquids' include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

'Natural Gas' includes a small amount of supplemental gaseous fuels

Notes: See Glossary for definitions. Values are preliminary. Data represents weighted values.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table C2. Comparison of Preliminary Monthly Data Versus Final Monthly Data at the U.S. Level, 2008 Through 2010

Item	Mean Absolute Value of Change (Percent) Total (All Sectors)		
	2008	2009	2010
Net Generation			
Coal ¹ .....	.44	.49	.20
Petroleum Liquids ²	2.82	1.45	1.88
Petroleum Coke	1.40	1.48	1.75
Natural Gas ³ .....	.69	.45	.76
Other Gases	2.37	1.48	1.55
Hydroelectric ⁴	2.73	.90	.97
Nuclear	*	.01	--
Other ⁵	2.94	2.64	.78
Total .....	.22	.11	.17
Consumption of Fossil Fuels for Electric Generation			
Coal ¹ .....	.32	.36	.11
Petroleum Liquids ²	3.54	1.80	1.49
Petroleum Coke	1.64	1.27	1.50
Natural Gas ³ .....	.95	.47	.70
Fuel Stocks⁶			
Coal ¹ .....	.79	.10	.18
Petroleum Liquids ²	--	--	--
Petroleum Coke	--	--	--
Retail Sales			
Residential .....	.05	.12	.32
Commercial ⁷	1.22	1.20	.14
Industrial ⁷	2.76	4.03	.90
Other ⁸	--	--	--
Transportation ⁷ .....	.66	1.63	2.18
Total .....	.31	.60	.17
Revenue			
Residential ⁷ .....	.77	.22	.70
Commercial ⁷ .....	.36	1.59	.61
Industrial .....	.33	3.59	.66
Other ⁸	--	--	--
Transportation ⁷	4.05	3.48	4.24
Total .....	.47	.14	.45
Average Retail Price			
Residential .....	.83	.34	.43
Commercial ⁷ .....	.88	.41	.67
Industrial ⁷	2.67	.57	.41
Other ⁸	--	--	--
Transportation ⁷	4.66	4.60	3.87
Total .....	.78	.70	.55
Receipts of Fossil Fuels			
Coal ¹ .....	.05	.11	.07
Petroleum Liquids ²	1.05	.92	.49
Petroleum Coke .....	.92	.73	.45
Natural Gas ³ .....	.08	.10	.10
Cost of Fossil Fuels⁹			
Coal ¹ .....	.04	.02	.01
Petroleum Liquids ² .....	.22	.41	.03
Petroleum Coke	1.17	.16	.29
Natural Gas ³ .....	.16	.11	.02

¹ Anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.

² Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil. In 2004 petroleum stocks exclude waste oil.

³ Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.

⁴ Includes conventional hydroelectric and hydroelectric pumped storage facilities.

⁵ Includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

⁶ Stocks are end-of-month values.

⁷ See technical notes (<http://www.eia.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 interdepartmental sales.

⁹ Data represent weighted values.

* = Value is less than 0.005.

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 2010 are final.

Sources: U.S. Energy Information Administration, Form EIA-923 "Power Plant Operations Report;" 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;" 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 2008 Through 2010

Item	2008			2009			2010		
	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	1,994,385	1,985,801	-.4	1,764,486	1,755,904	-.5	1,850,750	1,847,290	-.2
Petroleum Liquids ²	31,162	31,917	2.4	25,792	25,972	.7	23,397	23,337	-.3
Petroleum Coke	14,192	14,325	.9	13,035	12,964	-.5	13,528	13,724	1.5
Natural Gas ³	876,948	882,981	.7	920,378	920,979	.1	981,815	987,693	.6
Other Gases	11,573	11,707	1.2	10,698	10,632	-.6	11,193	11,313	1.1
Hydroelectric ⁴	241,847	248,543	2.8	267,784	268,818	.4	252,961	254,702	.7
Nuclear	806,182	806,208	--	798,745	798,855	*	806,968	806,968	--
Other ⁵	133,971	137,905	2.9	152,193	156,207	2.6	179,416	182,617	1.8
Total	4,110,259	4,119,388	.2	3,953,111	3,950,331	-.1	4,120,028	4,127,644	.2
Consumption of Fossil Fuels for Electric Generation									
Coal (1,000 tons) ¹	1,043,589	1,042,335	-.1	938,059	934,683	-.4	979,555	979,644	*
Petroleum Liquids (1,000 barrels) ²	52,268	53,846	3.0	43,672	43,562	-.3	40,041	40,103	.2
Petroleum Coke (1,000 tons)	5,396	5,417	.4	4,855	4,821	-.7	4,956	4,994	.8
Natural Gas (1,000 Mcf) ³	6,833,398	6,895,843	.9	7,104,600	7,121,069	.2	7,633,469	7,680,170	.6
Fuel Stocks for Electric Power Sector⁶									
Coal (1,000 tons) ¹	163,056	161,589	-.9	189,971	189,467	-.3	175,160	174,917	-.1
Petroleum Liquids (1,000 barrels) ²	42,737	40,804	-4.5	38,699	39,210	1.3	36,126	35,706	-1.2
Petroleum Coke (1,000 tons)	794	739	-7.0	1,395	1,394	-.1	1,087	1,019	-6.3
Retail Sales (Million kWh)									
Residential	1,379,307	1,379,981	.1	1,362,869	1,364,474	.1	1,450,758	1,445,707	-.4
Commercial ⁷	1,352,453	1,335,981	-1.2	1,322,989	1,307,168	-1.2	1,329,322	1,328,603	-.1
Industrial ⁷	982,150	1,009,300	2.8	881,903	917,442	4.0	962,165	962,245	*
Other ⁸	--	--	--	--	--	--	--	--	--
Transportation ⁷	7,652	7,700	.6	7,689	7,781	1.2	7,740	7,712	-.4
Total	3,721,562	3,732,962	.3	3,575,450	3,596,865	.6	3,749,985	3,744,267	-.2
Retail Revenue (Million Dollars)									
Residential	156,633	155,433	-.8	157,351	157,008	-.2	167,957	166,778	-.7
Commercial ⁷	138,970	138,469	-.4	135,084	132,940	-1.6	136,361	135,440	-.7
Industrial ⁷	68,889	68,920	*	60,341	62,504	3.6	65,311	65,157	-.2
Other ⁸	--	--	--	--	--	--	--	--	--
Transportation ⁷	863	827	-4.2	859	828	-3.6	848	814	-4.0
Total	365,355	363,650	-.5	353,635	353,280	-.1	370,477	368,189	-.6
Average Retail Price (Cents/kWh)									
Residential	11.36	11.26	-.9	11.55	11.51	-.4	11.58	11.54	-.4
Commercial ⁷	10.28	10.36	.8	10.21	10.17	-.4	10.26	10.19	-.7
Industrial ⁷	7.01	6.83	-2.6	6.84	6.81	-.4	6.79	6.77	-.3
Other ⁸	--	--	--	--	--	--	--	--	--
Transportation ⁷	11.28	10.74	-4.8	11.17	10.65	-4.7	10.96	10.56	-3.7
Total	9.82	9.74	-.8	9.89	9.82	-.7	9.88	9.83	-.5
Receipts of Fossil Fuels									
Coal (1,000 tons) ¹	1,073,906	1,069,709	-.4	972,973	981,477	.9	976,052	979,918	.4
Petroleum Liquids (1,000 barrels) ²	66,647	61,139	-8.3	50,184	54,181	8.0	46,156	45,472	-1.5
Petroleum Coke (1,000 tons)	7,361	7,040	-4.4	6,570	6,954	5.9	5,868	5,963	1.6
Natural Gas (1,000 Mcf) ³	7,825,970	7,879,046	.7	8,096,135	8,118,550	.3	8,605,619	8,673,070	.8
Cost of Fossil Fuels (Dollars per million Btu)⁹									
Coal ¹	2.07	2.07	--	2.21	2.21	--	2.27	2.27	--
Petroleum Liquids ²	15.56	15.52	-.3	9.95	10.26	3.1	14.03	14.02	-.1
Petroleum Coke	1.92	2.11	9.9	1.62	1.61	-.6	2.23	2.28	2.2
Natural Gas ³	9.11	9.02	-1.0	4.70	4.74	.9	5.08	5.09	.2

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.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 interdepartmental 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: U.S. Energy Information Administration, Form EIA-923 "Power Plant Operations Report;" 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;" 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 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: U.S. 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/publicazioni/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.gov/calendar/asa/111397ASA.doc>, pp. 150-185.
- ⁴ Brewer, K.R.W. (1963), "Ratio Estimation in Finite Populations: Some Results Deducible from the Assumption of an Underlying Stochastic Process," Australian Journal of Statistics, 5, pp. 93-105.
- ⁵ Brewer, K.R.W. (2002), Combined survey sampling inference: Weighing Basu's elephants, Arnold: London and Oxford University Press.
- ⁶ Douglas, J.R.(2007), "Model-Based Sampling Methodology for the New Form EIA-923," ASA Energy Committee Meeting, www.eia.doe.gov/smg/asa_meeting_2007/fall/files/modeleia923.ppt
- ⁷ Energy Information Administration. *Renewable Energy Annual 2004*. "Average Heat Content of Selected Biomass Fuels." Washington, DC, 2005
- ⁸ 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>
- ⁹ Karmel, T.S., and Jain, M. (1987), "Comparison of Purposive and Random Sampling Schemes for Estimating Capital Expenditure," Journal of the American Statistical Association, Vol.82, pages 52-57.
- ¹⁰ 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/>
- ¹¹ 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.
- ¹² 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.
- ¹³ 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.
- ¹⁴ 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.)
- ¹⁵ 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.
- ¹⁶ Knaub, J.R. Jr. (1999b), "Model-Based Sampling, Inference and Imputation," EIA web site: <http://www.eia.gov/cneaf/electricity/forms/eiawebme.pdf>
- ¹⁷ 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.)
- ¹⁸ 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.)
- ¹⁹ Knaub, J.R., Jr. (2002), "Practical Methods for Electric Power Survey Data," InterStat, July 2002, <http://interstat.statjournals.net/>.

- ²⁰ 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.)
- ²¹ 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.)
- ²² Knaub, J.R., Jr. (2005), "Classical Ratio Estimator," *InterStat*, October 2005, <http://interstat.statjournals.net/>.
- ²³ Knaub, J.R., Jr. (2007a), "Cutoff Sampling and Inference," *InterStat*, April 2007, <http://interstat.statjournals.net/>.
- ²⁴ 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/>
- ²⁵ Knaub, J.R., Jr.(2008a), "Cutoff vs. Design-Based Sampling and Inference For Establishment Surveys," *InterStat*, June 2008, <http://interstat.statjournals.net/YEAR/2008/abstracts/0806005.php?Name=806005>.
- ²⁶ Knaub, J.R., Jr.(2008b), "Cutoff Sampling." In *Encyclopedia of Survey Research Methods*, Editor: Paul J. Lavrakas, Sage, <http://srmo.sagepub.com/view/encyclopedia-of-survey-research-methods/n122.xml?rskey=kUn8Q7>.
- ²⁷ Knaub, J.R., Jr.(2009), "Properties of Weighted Least Squares Regression for Cutoff Sampling in Establishment Surveys," *InterStat*, Dec 2009, <http://interstat.statjournals.net/YEAR/2009/abstracts/0912003.php?Name=912003>.
- ²⁸ Knaub, J.R., Jr.(2010), "On Model-Failure When Estimating from Cutoff Samples," *InterStat*, July 2010, <http://interstat.statjournals.net/YEAR/2010/abstracts/1007005.php?Name=007005>.
- ²⁹ Knaub, J.R., Jr.(2011), Letter to the Editor, *Journal of Official Statistics*, "Cutoff Sampling and Total Survey Error," Vol. 27, No. 1, 2011, pp 135-138, <http://www.jos.nu/Articles/abstract.asp?article=271135>.
- ³⁰ 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
- ³¹ Royall, R.M. (1970), "On Finite Population Sampling Theory Under Certain Linear Regression Models," *Biometrika*, 57, pp. 377-387.
- ³² Utah State University Recycling Center Frequently Asked Questions. Published at <http://www.usu.edu/recycle/faq.htm>. Accessed December 2006
- ³³ 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.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 earth's crust from decayed organic material. The common fossil fuels are petroleum, coal, and natural gas.

Franchised Service Area: A specified geographical area in which a utility has been granted the exclusive right to serve customers. A franchise allows an entity to use city streets, alleys and other public lands in

order to provide, distribute, and sell services to the community.

Fuel: Any material substance that can be consumed to supply heat or power. Included are petroleum, coal, and natural gas (the fossil fuels), and other consumable materials, such as uranium, biomass, and hydrogen.

Gas: A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

Gas Turbine Plant: An electric generating facility in which the prime mover is a gas (combustion) turbine. A gas turbine typically consists of an air compressor and one or more combustion chambers where either liquid or gaseous fuel is burned. The resulting hot gases are passed through the turbine where they expand to drive both an electric generator and the compressor.

Generating Unit: Any combination of physically connected generators, reactors, boilers, combustion turbines, or other prime movers operated together to produce electric power.

Generator: A machine that converts mechanical energy into electrical energy.

Generator Capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, adjusted for ambient conditions.

Generator Nameplate Capacity (Installed): The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.

Geothermal: Pertaining to heat within the Earth.

Geothermal Energy: Hot water or steam extracted from geothermal reservoirs in the earth's crust. Water or steam extracted from geothermal reservoirs can be used for geothermal heat pumps, water heating, or electricity generation.

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

Gross Generation: The total amount of electric energy produced by generating units and measured at the generating terminal in kilowatthours (kWh) or megawatthours (MWh).

Heat Content: The amount or number of British thermal units (Btu) produced by the combustion of fuel, measured in Btu/unit of measure.

Hydroelectric Power: The production of electricity from the kinetic energy of falling water.

Hydroelectric Power Generation: Electricity generated by an electric power plant whose turbines are driven by falling water. It includes electric utility and industrial generation of hydroelectricity, unless otherwise specified. Generation is reported on a net basis, i.e., on the amount of electric energy generated after the electric energy consumed by station auxiliaries and the losses in the transformers that are considered integral parts of the station are deducted.

Hydroelectric Pumped Storage: Hydroelectricity that is generated during peak loads by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

Hydrogen: A colorless, odorless, highly flammable gaseous element. It is the lightest of all gases and the most abundant element in the universe, occurring chiefly in combination with oxygen in water and also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Independent Power Producer: A corporation, person, agency, authority, or other legal entity or instrumentality that owns or operates facilities for the generation of electricity for use primarily by the public, and that is not an electric utility.

Industrial Sector: An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing (NAICS codes 31-33); agriculture, forestry, and hunting (NAICS code 11); mining, including oil and gas extraction (NAICS code 21); natural gas distribution (NAICS code 2212); and construction (NAICS code 23). Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products. *Note:* This sector includes generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities.

Interdepartmental Service (Electric): Interdepartmental service includes amounts charged by the electric department at tariff or other specified rates for electricity supplied by it to other utility departments.

Internal Combustion Plant: A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

Investor-Owned Utility (IOU): A privately-owned electric utility whose stock is publicly traded. It is rate regulated and authorized to achieve an allowed rate of return.

Jet Fuel: A refined petroleum product used in jet aircraft engines. It includes kerosene-type jet fuel and naphtha-type jet fuel.

Kerosene: A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil.

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

Light Oil: Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

Lignite: The lowest rank of coal, often referred to as brown coal, used almost exclusively as fuel for steam-electric power generation. It is brownish-black and has a high inherent moisture content, sometimes as high as 45 percent. The heat content of lignite ranges from 9 to 17 million Btu per ton on a moist, mineral-matter-free basis. The heat content of lignite consumed in the United States averages 13 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

Manufactured Gas: A gas obtained by destructive distillation of coal, or by thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, and carbureted water gas

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts of electricity.

Megawatthour (MWh): One million watthours.

Municipal Utility: A nonprofit utility, owned by a local municipality and operated as a department thereof, governed by a city council or an independently 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 through April 30). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

North American Electric Reliability Council (NERC): A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. The NERC Regions are:

- 1) Texas Regional Entity (TRE),
- 2) Florida Reliability Coordinating Council (FRCC),
- 3) Midwest Reliability Organization (MRO),
- 4) Northeast Power Coordinating Council (NPCC),
- 5) ReliabilityFirst Corporation (RFC),
- 6) Southeastern Electric Reliability Council (SERC),
- 7) Southwest Power Pool (SPP), and the
- 8) Western Energy Coordinating Council (WECC).

North American Industry Classification System (NAICS): A set of codes that describes the possible purposes of a facility.

Nuclear Electric Power: Electricity generated by an electric power plant whose turbines are driven by steam produced by the heat from the fission of nuclear fuel in a reactor.

Other Customers: Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Other Generation: Electricity originating from these sources: manufactured, supplemental gaseous fuel, propane, and waste gasses, excluding natural gas; biomass; geothermal; wind; solar thermal;

photovoltaic; synthetic fuel; purchased steam; and waste oil energy sources.

Percent Change: The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

Petroleum: A broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids. *Note:* Volumes of finished petroleum products include nonhydrocarbon compounds, such as additives and detergents, after they have been blended into the products.

Petroleum Coke: See Coke (Petroleum).

Photovoltaic Energy: Direct-current electricity generated from sunlight through solid-state semiconductor devices that have no moving parts.

Plant: A term commonly used either as a synonym for an industrial establishment or a generation facility or to refer to a particular process within an establishment.

Power: The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

Power Production Plant: All the land and land rights, structures and improvements, boiler or reactor vessel equipment, engines and engine-driven generator, turbo generator units, accessory electric equipment, and miscellaneous power plant equipment are grouped together for each individual facility.

Production (Electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

Propane: A normally gaseous straight-chain hydrocarbon, (C₃H₈). It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products covered by Gas Processors Association Specifications for commercial propane and HD-5 propane and ASTM Specification D 1835.

Public Street and Highway Lighting Service: Includes electricity supplied and services rendered for the purpose of lighting streets, highways, parks and other public places; or for traffic or other signal system service, for municipalities, or other divisions or agencies of State or Federal governments.

Railroad and Railway Electric Service: Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

Receipts: Purchases of fuel.

Relative Standard Error: The standard deviation of a distribution divided by the arithmetic mean, sometimes multiplied by 100. It is used for the purpose of comparing the variabilities of frequency distributions but is sensitive to errors in the means.

Residential: An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. The residential sector excludes institutional living quarters.

Residual Fuel Oil: A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Retail: Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

Revenues: The total amount of money received by a firm from sales of its products and/or services, gains from the sales or exchange of assets, interest and dividends earned on investments, and other increases in the owner's equity except those arising from capital adjustments.

Sales: The transfer of title to an energy commodity from a seller to a buyer for a price or the quantity transferred during a specified period.

Service Classifications (Sectors): Consumers grouped by similar characteristics in order to be identified for the purpose of setting a common rate for electric service. Usually classified into groups identified as residential, commercial, industrial and other.

Service to Public Authorities: Public authority service includes electricity supplied and services rendered to municipalities or divisions or agencies of State and Federal governments, under special contracts or agreements or service classifications applicable only to public authorities.

Solar Energy: The radiant energy of the sun that can be converted into other forms of energy, such as heat or electricity. Electricity produced from solar energy heats a medium that powers an electricity-generating device.

State Power Authority: A nonprofit utility owned and operated by a state government agency, primarily involved in the generation, marketing, and/or transmission of wholesale electric power.

Steam-Electric Power Plant (Conventional): A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

Stocks of Fuel: A supply of fuel accumulated for future use. This includes coal and fuel oil stocks at the plant site, in coal cars, tanks, or barges at the plant site, or in separate storage sites.

Subbituminous Coal: A coal whose properties range from those of lignite to those of bituminous coal and used primarily as fuel for steam-electric power generation. It may be dull, dark brown to black, soft and crumbly, at the lower end of the range, to bright, jet black, hard, and relatively strong, at the upper end. Subbituminous coal contains 20 to 30 percent inherent moisture by weight. The heat content of subbituminous coal ranges from 17 to 24 million Btu per ton on a moist, mineral-matter-free basis. The heat content of subbituminous coal consumed in the United States averages 17 to 18 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

Sulfur: A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. *Note:* No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at

concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Sulfur Content: The amount of sulfur contained in the fuel (except gas) in terms of percent by weight.

Supplemental Gaseous Fuel Supplies: Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Synthetic Fuel: A gaseous, liquid, or solid fuel that does not occur naturally. Synfuels can be made from coal (coal gasification or coal liquefaction), petroleum products, oil shale, tar sands, or plant products. Among the synfuels are various fuel gases, including but not restricted to substitute natural gas, liquid fuels for engines (e.g., gasoline, diesel fuel, and alcohol fuels) and burner fuels (e.g., fuel heating oils).

Terrawatt: One trillion watts.

Terrawatthour: One trillion kilowatthours.

Ton: A unit of weight equal to 2,000 pounds.

Turbine: A machine for generating rotary mechanical power from the energy of a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

Ultimate Consumer: A consumer that purchases electricity for its own use and not for resale.

Useful Thermal Output: The thermal energy made available in a combined heat or power system for use in any industrial or commercial process, heating or

cooling application, or delivered to other end users, i.e., total thermal energy made available for processes and applications other than electrical generation.

Waste Coal: As a fuel for electric power generation, waste coal includes anthracite refuse or mine waste, waste from anthracite preparation plants, and coal recovered from previously mined sites.

Waste Gases: As a fuel for electric power generation, waste gasses are those gasses that are produced from gasses recovered from a solid-waste or wastewater treatment facility, or the gaseous by-products of oil-refining processes.

Waste Oil: As a fuel for electric power generation, waste oil includes recycled motor oil, and waste oil from transformers.

Watt (W): The unit of electrical power equal to one ampere under a pressure of one volt. A Watt is equal to 1/746 horsepower.

Watthour (Wh): The electrical energy unit of measure equal to one watt of power supplied to, or taken from, an electric circuit steadily for one hour.

Wind Energy: The kinetic energy of wind converted into mechanical energy by wind turbines (i.e., blades rotating from the hub) that drive generators to produce electricity.

Year to Date: The cumulative sum of each month's value starting with January and ending with the current month of the data.