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U.S. Energy Information Administration

Electric Power Monthly

with Data for April 2014

June 2014

Electric Power Monthly Revision Notice

On July 10, 2014, revisions were made to the June 2014 Electric Power Monthly (originally posted June 23, 2014). Receipts of natural gas denominated in Billion Btu and the average cost of natural gas for the Electric Power Industry and Independent Power Producers in Tables ES.2.A, ES2.B, 4.1, 4.3, 4.9.A, 4.9.B, and C.1. were revised to correct for an error in the reported heat content of natural gas receipts. Additionally, industrial CHP net generation, primarily from natural gas and other gases, was revised downward slightly (approximately -0.1 percent). These revisions appear in Tables ES1.A, ES1.B, 1.1, 1.5, 1.6.A, 1.6.B, 1.10.A, 1.10.B, 1.11.A, 1.11.B.

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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.

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, U.S. EIA, U.S. 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;" and Form EIA-861, "Annual Electric Power Industry Report." Forms and their instructions may be obtained from: http://www.eia.gov/survey/#electricity. 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	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Net Generation (Thousand Megawatthours)											
Coal	109,686	112,232	-2.3%	80,151	84,564	28,501	26,657	62	55	971	956
Petroleum Liquids	897	973	-7.8%	690	721	165	198	16	16	NM	37
Petroleum Coke	833	914	-8.9%	572	574	141	150	1	0	119	190
Natural Gas	75,975	77,128	-1.5%	32,544	32,110	36,430	37,904	488	440	6,514	6,674
Other Gas	778	925	-15.9%	18	7	214	219	0	0	546	700
Nuclear	56,385	56,767	-0.7%	30,312	28,991	26,072	27,776	0	0	0	0
Hydroelectric Conventional	25,075	24,758	1.3%	22,632	22,588	2,258	1,914	NM	NM	181	253
Renewable Sources Excluding Hydroelectric	26,540	23,693	12.0%	3,370	3,011	20,540	18,334	262	232	2,368	2,115
... Wind	18,747	17,294	8.4%	2,899	2,636	15,834	14,648	10	7	NM	NM
... Solar Thermal and Photovoltaic	1,607	734	119.0%	116	85	1,448	619	40	28	NM	NM
... Wood and Wood-Derived Fuels	3,219	2,701	19.2%	149	99	788	571	NM	NM	2,279	2,029
... Other Biomass	1,608	1,634	-1.6%	117	118	1,199	1,240	210	195	82	81
... Geothermal	1,359	1,330	2.2%	89	74	1,270	1,256	0	0	0	0
Hydroelectric Pumped Storage	-362	-288	25.6%	-285	-228	-77	-60	0	0	0	0
Other Energy Sources	960	973	-1.3%	34	28	511	555	100	94	314	295
All Energy Sources	296,766	298,074	-0.4%	170,037	172,366	114,756	113,647	934	841	11,039	11,220
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	58,747	60,899	-3.5%	42,240	45,635	16,142	14,899	21	23	344	342
Petroleum Liquids (1000 barrels)	1,461	1,598	-8.6%	1,204	1,266	209	273	19	17	29	41
Petroleum Coke (1000 tons)	313	347	-9.7%	212	217	55	64	0	0	46	67
Natural Gas (1000 Mcf)	575,137	587,434	-2.1%	255,447	256,764	268,653	278,391	4,537	4,360	46,500	47,920
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,476	1,468	0.5%	0	0	210	191	90	86	1,176	1,191
Petroleum Liquids (1000 barrels)	225	261	-13.8%	0	0	86	90	7	8	132	163
Petroleum Coke (1000 tons)	54	104	-48.0%	0	0	9	10	2	0	44	93
Natural Gas (1000 Mcf)	69,551	71,503	-2.7%	0	0	24,796	26,324	3,652	3,495	41,103	41,684
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	60,223	62,367	-3.4%	42,240	45,635	16,352	15,090	111	108	1,520	1,533
Petroleum Liquids (1000 barrels)	1,686	1,859	-9.3%	1,204	1,266	295	363	26	25	160	204
Petroleum Coke (1000 tons)	368	451	-18.6%	212	217	64	74	2	0	90	160
Natural Gas (1000 Mcf)	644,688	658,937	-2.2%	255,447	256,764	293,448	304,715	8,190	7,855	87,603	89,604
Fuel Stocks (end-of-month)											
Coal (1000 tons)	130,836	174,664	-25.1%	103,097	142,970	25,224	29,684	237	366	2,278	1,644
Petroleum Liquids (1000 barrels)	31,032	33,697	-7.9%	20,681	22,945	7,825	8,107	351	490	2,175	2,155
Petroleum Coke (1000 tons)	808	922	-12.4%	W	387	W	68	W	W	W	W

Sales, Revenue, and Average Retail Price for April									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	April 2014	April 2013	Percentage Change	April 2014	April 2013	Percentage Change	April 2014	April 2013	Percentage Change
Residential	92,188	95,297	-3.3%	11,349	11,368	-0.2%	12.31	11.93	3.2%
Commercial	102,403	101,385	1.0%	10,652	10,100	5.5%	10.40	9.96	4.4%
Industrial	77,638	77,633	0.0%	5,244	5,069	3.5%	6.75	6.53	3.4%
Transportation	634	623	1.8%	64	62	2.9%	10.06	9.95	1.1%
All Sectors	272,863	274,937	-0.8%	27,308	26,598	2.7%	10.01	9.67	3.5%

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Coal generation and consumption includes anthracite, bituminous, subbituminous, lignite, waste coal, refined coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Petroleum Coke includes petroleum coke and synthesis gas derived from petroleum coke.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Other Gases includes blast furnace gas and other manufactured and waste gases derived from fossil fuels.
Wood and Wood-Derived Fuels include wood, black liquor, and other wood waste.
Other Biomass includes biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, and other biomass.
Coal stocks include anthracite, bituminous, subbituminous, lignite, refined coal, and synthetic coal; waste coal is excluded.
Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (e.g., sales data may include imported electricity).
Net generation is presented for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time that vary depending upon customer class and consumption occurring during and outside the calendar month.
Note: Values are preliminary. Percentage change is calculated before rounding.
See technical notes for additional information including more on the Commercial, Industrial, and Transportation sectors.

Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2014 and 2013

Net Generation and Consumption of Fuels for January through April											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
Net Generation (Thousand Megawatthours)											
Coal	548,297	505,286	8.5%	407,192	377,650	136,276	123,289	351	286	4,478	4,061
Petroleum Liquids	10,728	4,711	127.7%	5,246	3,131	5,017	1,322	NM	NM	233	170
Petroleum Coke	4,203	3,869	8.6%	3,179	2,577	504	607	3	2	516	682
Natural Gas	318,958	329,294	-3.1%	135,488	138,866	153,694	159,805	2,082	2,017	27,694	28,606
Other Gas	3,330	3,789	-12.1%	44	14	973	873	0	0	2,313	2,902
Nuclear	254,485	252,603	0.7%	134,609	128,309	119,875	124,295	0	0	0	0
Hydroelectric Conventional	88,364	91,037	-2.9%	79,557	81,983	7,814	7,827	NM	NM	978	1,214
Renewable Sources Excluding Hydroelectric	98,362	88,221	11.5%	12,758	11,370	75,153	66,573	963	909	9,487	9,368
... Wind	68,516	61,477	11.5%	10,747	9,665	57,722	51,778	32	23	17	10
... Solar Thermal and Photovoltaic	4,594	2,199	108.9%	342	257	4,139	1,857	107	79	7	NM
... Wood and Wood-Derived Fuels	13,700	12,638	8.4%	871	639	3,665	2,966	22	8	9,141	9,025
... Other Biomass	6,163	6,409	-3.8%	431	454	4,608	4,830	803	798	322	327
... Geothermal	5,388	5,498	-2.0%	368	355	5,020	5,143	0	0	0	0
Hydroelectric Pumped Storage	-1,442	-1,459	-1.2%	-1,143	-1,275	-299	-184	0	0	0	0
Other Energy Sources	3,759	3,950	-4.8%	117	130	2,054	2,185	361	363	1,226	1,271
All Energy Sources	1,329,042	1,281,300	3.7%	777,049	742,756	501,061	486,590	4,008	3,680	46,925	48,274
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	291,127	273,420	6.5%	213,740	202,666	75,697	69,203	116	111	1,574	1,441
Petroleum Liquids (1000 barrels)	18,384	7,813	135.3%	9,503	5,491	8,277	2,027	366	115	238	181
Petroleum Coke (1000 tons)	1,575	1,414	11.4%	1,169	927	223	266	1	1	182	220
Natural Gas (1000 Mcf)	2,422,858	2,473,098	-2.0%	1,064,431	1,085,009	1,140,718	1,162,565	19,479	19,141	198,230	206,382
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	6,469	6,372	1.5%	0	0	884	813	433	421	5,152	5,137
Petroleum Liquids (1000 barrels)	1,580	1,036	52.5%	0	0	455	317	178	55	946	664
Petroleum Coke (1000 tons)	252	479	-47.4%	0	0	32	40	6	5	213	435
Natural Gas (1000 Mcf)	308,001	297,995	3.4%	0	0	116,885	108,733	15,901	15,453	175,215	173,810
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	297,597	279,792	6.4%	213,740	202,666	76,581	70,016	549	532	6,727	6,578
Petroleum Liquids (1000 barrels)	19,964	8,849	125.6%	9,503	5,491	8,732	2,344	544	170	1,184	845
Petroleum Coke (1000 tons)	1,827	1,893	-3.5%	1,169	927	256	306	7	5	395	655
Natural Gas (1000 Mcf)	2,730,859	2,771,092	-1.5%	1,064,431	1,085,009	1,257,603	1,271,298	35,380	34,594	373,444	380,192

Sales, Revenue, and Average Retail Price for January through April									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	Percentage Change
Residential	483,259	451,291	7.1%	57,897	52,530	10.2%	11.98	11.64	2.9%
Commercial	428,168	413,345	3.6%	45,072	41,162	9.5%	10.53	9.96	5.7%
Industrial	306,470	308,324	-0.6%	21,315	20,180	5.6%	6.95	6.55	6.1%
Transportation	2,726	2,560	6.5%	278	258	8.1%	10.21	10.06	1.5%
All Sectors	1,220,622	1,175,520	3.8%	124,562	114,130	9.1%	10.20	9.71	5.0%

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Coal generation and consumption includes anthracite, bituminous, subbituminous, lignite, waste coal, refined coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Petroleum Coke includes petroleum coke and synthesis gas derived from petroleum coke.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Other Gases includes blast furnace gas and other manufactured and waste gases derived from fossil fuels.
Wood and Wood-Derived Fuels include wood, black liquor, and other wood waste.
Other Biomass includes biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, and other biomass.
Coal stocks include anthracite, bituminous, subbituminous, lignite, refined coal, and synthetic coal; waste coal is excluded.
Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (e.g., sales data may include imported electricity).
Net generation is presented for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time that vary depending upon customer class and consumption occurring during and outside the calendar month.
Note: Values are preliminary. Percentage change is calculated before rounding.
See technical notes for additional information including more on the Commercial, Industrial, and Transportation sectors.

Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2014 and 2013

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal (1000 tons)	65,274	61,226	47.56	46.69	335	328	264,183	256,140	45.82	45.81
Petroleum Liquids (1000 barrels)	1,474	1,017	138.33	128.87	182	174	12,762	6,841	132.17	126.72
Petroleum Coke (1000 tons)	449	387	59.89	64.50	13	11	1,613	1,355	56.08	60.28
Natural Gas (1000 Mcf)	578,775	591,713	5.21	4.78	696	710	2,430,379	2,473,651	6.57	4.54

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal (1000 tons)	47,518	45,281	48.24	47.74	236	230	189,238	187,800	46.47	46.83
Petroleum Liquids (1000 barrels)	1,098	635	141.86	131.96	122	115	6,633	4,485	132.80	128.44
Petroleum Coke (1000 tons)	394	291	58.69	63.79	9	6	1,411	972	55.10	59.40
Natural Gas (1000 Mcf)	252,596	251,642	5.47	4.99	358	360	1,047,025	1,063,708	6.26	4.59

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal (1000 tons)	17,032	15,251	44.88	42.45	77	75	71,897	65,497	43.24	41.83
Petroleum Liquids (1000 barrels)	358	348	128.91	W	52	47	5,999	2,204	131.68	124.05
Petroleum Coke (1000 tons)	37	54	W	W	2	2	149	210	W	W
Natural Gas (1000 Mcf)	271,192	283,497	5.00	4.68	297	308	1,151,210	1,174,989	7.26	4.66

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal (1000 tons)	15	10	W	W	2	2	70	65	W	W
Petroleum Liquids (1000 barrels)	0	0	--	--	0	0	0	0	--	--
Petroleum Coke (1000 tons)	0	0	--	--	0	0	0	0	--	--
Natural Gas (1000 Mcf)	435	371	W	W	2	2	1,476	1,434	W	W

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal (1000 tons)	709	684	W	W	20	21	2,978	2,778	W	W
Petroleum Liquids (1000 barrels)	17	34	109.27	W	8	12	130	151	121.84	112.97
Petroleum Coke (1000 tons)	18	43	W	W	2	3	52	173	W	W
Natural Gas (1000 Mcf)	54,552	56,203	W	W	39	40	230,668	233,519	W	W

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, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.

Table ES2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, btus, 2014 and 2013

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal	1,295,750	1,202,488	2.40	2.38	335	328	5,157,964	4,980,571	2.35	2.36
Petroleum Liquids	8,908	6,085	22.89	21.53	182	174	76,918	41,665	21.91	20.79
Petroleum Coke	12,734	11,010	2.11	2.26	13	11	45,650	38,553	1.98	2.11
Natural Gas	594,177	606,715	5.07	4.67	696	710	2,494,229	2,534,838	6.40	4.43
Fossil Fuels	1,911,569	1,826,299	3.26	3.16	907	914	7,774,760	7,595,626	3.75	3.11

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal	949,979	895,136	2.41	2.42	236	230	3,729,650	3,681,212	2.36	2.39
Petroleum Liquids	6,686	3,814	23.30	21.99	122	115	40,117	27,402	21.95	21.02
Petroleum Coke	11,184	8,309	2.07	2.23	9	6	40,054	27,846	1.94	2.07
Natural Gas	258,751	257,094	5.34	4.89	358	360	1,071,788	1,086,309	6.11	4.49
Fossil Fuels	1,226,600	1,164,353	3.13	3.02	501	501	4,881,609	4,822,768	3.33	2.96

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal	329,629	291,480	2.32	2.22	77	75	1,359,562	1,235,084	2.29	2.22
Petroleum Liquids	2,114	2,062	21.86	W	52	47	35,996	13,329	21.91	20.48
Petroleum Coke	1,047	1,507	W	W	2	2	4,135	5,849	W	W
Natural Gas	278,793	291,416	4.86	4.56	297	308	1,183,124	1,206,424	7.07	4.54
Fossil Fuels	611,584	586,466	W	W	361	367	2,582,817	2,460,685	W	W

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal	364	241	W	W	2	2	1,623	1,514	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	439	375	W	W	2	2	1,493	1,447	W	W
Fossil Fuels	803	615	W	W	2	2	3,116	2,961	W	W

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
Coal	15,778	15,631	W	W	20	21	67,129	62,761	W	W
Petroleum Liquids	107	209	17.49	W	8	12	805	934	19.72	18.31
Petroleum Coke	503	1,194	W	W	2	3	1,460	4,858	W	W
Natural Gas	56,194	57,831	W	W	39	40	237,824	240,658	W	W
Fossil Fuels	72,582	74,865	W	W	43	44	307,218	309,212	W	W

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, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Natural Gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2004-April 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
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	1,733,430	16,086	14,096	1,013,689	11,566	790,204	319,355	193,981	-6,421	14,154	4,100,141
2012	1,514,043	13,403	9,787	1,225,894	11,898	769,331	276,240	218,333	-4,950	13,787	4,047,765
2013	1,585,998	13,410	13,453	1,113,665	12,271	789,017	269,136	253,328	-4,424	12,355	4,058,209
2012											
January	129,091	1,180	1,297	90,761	1,017	72,381	23,107	19,906	-348	1,137	339,528
February	113,872	908	994	90,610	1,044	63,847	20,283	16,996	-237	1,072	309,389
March	105,526	971	570	92,251	1,076	61,729	25,909	20,200	-281	1,140	309,091
April	96,285	965	538	94,829	1,057	55,871	26,294	18,563	-265	1,091	295,228
May	115,983	1,079	651	107,352	1,002	62,081	28,643	18,898	-371	1,200	336,518
June	131,261	1,306	762	115,598	972	65,140	26,659	18,470	-507	1,166	360,826
July	160,450	1,530	809	138,863	1,042	69,129	26,491	15,725	-619	1,218	414,640
August	152,181	1,202	916	131,736	1,050	69,602	23,034	15,330	-529	1,178	395,700
Sept	125,589	978	882	108,012	904	64,511	17,604	15,401	-431	1,135	334,585
October	120,999	1,061	744	91,725	895	59,743	16,501	19,225	-378	1,135	311,651
November	128,727	986	824	80,169	875	56,713	18,732	18,217	-409	1,140	305,975
December	134,079	1,235	800	83,989	963	68,584	22,984	21,402	-576	1,176	334,635
2013											
January	138,265	1,661	1,047	88,012	998	71,406	25,114	21,452	-463	998	348,490
February	123,828	1,103	871	79,874	877	61,483	20,511	20,262	-300	926	309,435
March	130,961	974	1,037	84,281	989	62,947	20,654	22,814	-409	1,054	325,301
April	112,232	973	914	77,128	925	56,767	24,758	23,693	-288	973	298,074
May	119,898	1,053	1,357	83,063	1,059	62,848	28,549	23,336	-355	1,027	321,834
June	138,849	1,027	1,314	98,517	1,015	66,430	27,308	21,063	-355	1,056	356,224
July	153,304	1,478	1,361	119,274	1,150	70,539	27,240	18,686	-345	1,112	393,799
August	149,875	1,090	1,379	119,480	1,144	71,344	21,712	17,277	-454	1,122	383,968
Sept	133,577	865	1,243	101,102	1,037	65,799	16,929	19,065	-389	1,066	340,293
October	121,474	809	1,073	88,049	966	63,184	17,307	21,099	-320	1,041	314,683
November	121,431	956	851	83,110	1,064	64,975	17,732	23,002	-345	975	313,752
December	142,304	1,421	1,005	91,777	1,048	71,294	21,323	21,581	-402	1,006	352,357
2014											
January	157,699	5,945	1,184	90,489	947	73,064	21,616	25,378	-263	960	377,019
February	143,908	1,830	959	74,987	760	62,639	17,430	20,731	-419	838	323,662
March	137,004	2,056	1,227	77,506	845	62,397	24,243	25,713	-398	1,001	331,595
April	109,686	897	833	75,975	778	56,385	25,075	26,540	-362	960	296,766
Year to Date											
2012	444,774	4,025	3,399	368,450	4,194	253,828	95,593	75,665	-1,131	4,439	1,253,236
2013	505,286	4,711	3,869	329,294	3,789	252,603	91,037	88,221	-1,459	3,950	1,281,300
2014	548,297	10,728	4,203	318,958	3,330	254,485	88,364	98,362	-1,442	3,759	1,329,042
Rolling 12 Months Ending in April											
2013	1,574,555	14,089	10,257	1,186,738	11,492	768,107	271,684	230,889	-5,279	13,298	4,075,829
2014	1,629,010	19,427	13,787	1,103,329	11,812	790,898	266,464	263,468	-4,407	12,164	4,105,952

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources 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, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
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 Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 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. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; 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 Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.1.A. Net Generation from Renewable Sources: Total (All Sectors), 2004-April 2014
(Thousand Megawatthours)

Period	Wind	Solar Photovoltaic	Solar Thermal	Wood and Wood-Derived Fuels	Landfill Gas	Biogenic Municipal Solid Waste	Other Waste Biomass	Geothermal	Conventional Hydroelectric	Total Renewable Sources
Annual Totals										
2004	14,144	6	569	38,117	5,128	8,151	2,141	14,811	268,417	351,485
2005	17,811	16	535	38,856	5,142	8,330	1,948	14,692	270,321	357,651
2006	26,589	15	493	38,762	5,677	8,478	1,944	14,568	289,246	385,772
2007	34,450	16	596	39,014	6,158	8,304	2,063	14,637	247,510	352,747
2008	55,363	76	788	37,300	7,156	8,097	2,481	14,840	254,831	380,932
2009	73,886	157	735	36,050	7,924	8,058	2,461	15,009	273,445	417,724
2010	94,652	423	789	37,172	8,377	7,927	2,613	15,219	260,203	427,376
2011	120,177	1,012	806	37,449	9,044	7,354	2,824	15,316	319,355	513,336
2012	140,822	3,451	876	37,799	9,803	7,320	2,700	15,562	276,240	494,573
2013	167,665	8,327	926	39,937	9,793	7,348	2,816	16,517	269,136	522,464
2012										
January	13,632	82	13	3,314	806	589	206	1,263	23,107	43,013
February	11,052	106	29	3,111	735	561	209	1,193	20,283	37,279
March	14,026	163	68	3,034	801	597	226	1,285	25,909	46,109
April	12,709	223	96	2,704	766	598	219	1,248	26,294	44,858
May	12,541	337	125	2,937	804	633	217	1,304	28,643	47,541
June	11,972	391	136	3,081	790	627	195	1,277	26,659	45,128
July	8,822	392	117	3,352	855	651	216	1,321	26,491	42,216
August	8,469	369	93	3,370	861	621	244	1,304	23,034	38,364
Sept	8,790	373	85	3,227	808	600	218	1,300	17,604	33,005
October	12,636	365	66	3,113	861	601	254	1,329	16,501	35,726
November	11,649	316	31	3,190	827	604	253	1,347	18,732	36,950
December	14,524	333	16	3,365	890	639	244	1,390	22,984	44,385
2013										
January	14,633	307	11	3,424	804	586	243	1,443	25,114	46,566
February	13,907	434	45	3,141	703	515	217	1,301	20,511	40,774
March	15,643	595	73	3,372	843	627	238	1,424	20,654	43,468
April	17,294	640	94	2,701	800	606	228	1,330	24,758	48,451
May	16,264	722	104	3,140	870	650	227	1,357	28,549	51,885
June	13,766	808	122	3,287	843	639	220	1,377	27,308	48,371
July	11,146	775	86	3,526	864	656	230	1,404	27,240	45,927
August	9,593	900	101	3,586	845	638	234	1,379	21,712	38,988
Sept	11,709	902	77	3,396	799	606	220	1,356	16,929	35,994
October	13,720	853	114	3,327	809	605	245	1,425	17,307	38,405
November	15,888	699	51	3,413	802	592	258	1,298	17,732	40,733
December	14,100	690	47	3,623	812	628	256	1,424	21,323	42,903
2014										
January	17,989	718	57	3,635	764	578	240	1,396	21,616	46,994
February	14,001	775	83	3,271	653	495	195	1,257	17,430	38,161
March	17,779	1,172	183	3,574	789	619	220	1,376	24,243	49,956
April	18,747	1,379	228	3,219	782	607	220	1,359	25,075	51,614
Year to Date										
2012	51,420	574	206	12,163	3,107	2,345	860	4,990	95,593	171,259
2013	61,477	1,976	223	12,638	3,150	2,333	926	5,498	91,037	179,258
2014	68,516	4,044	551	13,700	2,988	2,300	875	5,388	88,364	186,725
Rolling 12-Month Ending in April										
2013	150,878	4,852	893	38,274	9,845	7,309	2,767	16,070	271,684	502,572
2014	174,704	10,394	1,253	40,999	9,631	7,314	2,766	16,407	266,464	529,932

Wood and Wood-derived fuels include wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids), and black liquor.
Other Waste Biomass includes sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 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. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; 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 Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.2. Net Generation by Energy Source: Electric Utilities, 2004-April 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
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	1,301,107	11,688	9,428	414,843	29	415,298	291,413	21,933	-5,492	604	2,460,851
2012	1,146,480	9,892	5,664	504,958	0	394,823	252,936	28,017	-4,202	603	2,339,172
2013	1,190,669	9,022	9,522	473,207	68	406,114	243,239	31,645	-3,583	408	2,360,310
2012											
January	96,773	858	843	36,548	0	38,270	20,835	2,620	-301	53	196,498
February	86,462	699	658	35,281	0	33,117	18,363	2,124	-202	53	176,554
March	80,689	784	256	36,916	0	30,601	23,555	2,697	-209	43	175,331
April	75,146	766	293	38,669	0	27,884	24,174	2,374	-250	41	169,095
May	87,924	816	380	45,633	0	31,384	26,049	2,645	-291	53	194,593
June	100,022	934	473	48,423	0	34,052	24,540	2,448	-429	52	210,514
July	121,051	1,133	467	57,832	0	35,999	24,766	1,828	-530	48	242,595
August	115,044	906	477	53,961	0	36,149	21,575	1,851	-445	59	229,579
Sept	94,983	737	520	44,430	0	33,384	16,308	1,814	-368	62	191,871
October	90,924	787	409	38,288	0	31,289	14,911	2,491	-323	48	178,825
November	96,094	717	454	33,438	0	29,038	16,928	2,474	-355	46	178,834
December	101,368	755	434	35,539	0	33,656	20,933	2,653	-499	45	194,884
2013											
January	103,667	982	700	36,940	0	36,748	22,730	2,908	-401	33	204,308
February	91,563	697	616	33,820	0	31,144	18,273	2,650	-284	31	178,510
March	97,856	731	687	35,996	8	31,426	18,392	2,801	-362	38	187,573
April	84,564	721	574	32,110	7	28,991	22,588	3,011	-228	28	172,366
May	90,169	752	1,035	35,214	3	32,977	25,950	2,801	-281	39	188,659
June	104,841	734	966	42,815	3	34,504	24,744	2,404	-257	34	210,788
July	114,527	955	976	50,367	6	36,733	24,660	2,196	-242	40	230,218
August	114,165	812	952	52,076	6	37,177	19,804	1,978	-407	39	226,603
Sept	99,308	552	905	43,496	9	34,459	15,339	2,520	-297	28	196,318
October	91,919	573	759	37,524	8	31,605	15,678	2,579	-254	27	180,417
November	92,366	706	609	34,008	12	32,939	16,052	2,968	-262	35	179,433
December	105,724	806	743	38,841	7	37,412	19,028	2,828	-307	36	205,119
2014											
January	118,921	2,476	949	38,954	12	38,748	19,194	3,337	-192	28	222,427
February	106,997	1,044	706	31,073	7	32,937	15,578	2,699	-335	18	190,724
March	101,124	1,036	953	32,918	7	32,612	22,152	3,353	-331	37	193,861
April	80,151	690	572	32,544	18	30,312	22,632	3,370	-285	34	170,037
Year to Date											
2012	339,070	3,107	2,049	147,414	0	129,871	86,926	9,814	-962	190	717,478
2013	377,650	3,131	2,577	138,866	14	128,309	81,983	11,370	-1,275	130	742,756
2014	407,192	5,246	3,179	135,488	44	134,609	79,557	12,758	-1,143	117	777,049
Rolling 12 Months Ending in April											
2013	1,185,061	9,917	6,192	496,410	15	393,261	247,993	29,573	-4,515	544	2,364,450
2014	1,220,211	11,137	10,124	469,829	98	412,415	240,812	33,033	-3,451	395	2,394,603

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources 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, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
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 Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 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. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
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Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; 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 Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2004-April 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
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	416,783	3,655	3,431	511,447	2,911	374,906	26,117	141,954	-928	7,059	1,487,335
2012	354,076	2,757	1,758	627,833	2,984	374,509	20,923	160,064	-748	7,030	1,551,186
2013	381,510	3,696	1,855	546,755	3,276	382,902	22,500	190,002	-841	6,826	1,538,482
2012											
January	31,101	224	206	46,574	263	34,111	1,995	14,684	-47	577	129,688
February	26,312	147	169	48,027	256	30,730	1,678	12,406	-35	546	120,236
March	23,721	127	138	48,085	261	31,128	2,117	15,075	-71	587	121,167
April	20,138	141	87	49,080	254	27,987	1,940	13,914	-15	561	114,087
May	27,005	210	121	53,993	244	30,697	2,379	13,838	-80	599	129,007
June	30,125	314	119	59,262	253	31,088	1,942	13,609	-78	612	137,247
July	38,127	340	146	72,301	266	33,130	1,586	11,293	-89	620	157,719
August	35,897	235	202	69,198	266	33,453	1,305	10,855	-84	588	151,914
Sept	29,513	186	151	55,837	232	31,126	1,135	11,021	-62	575	129,715
October	29,028	204	156	45,919	225	28,455	1,395	14,180	-55	575	120,080
November	31,554	213	130	39,163	211	27,674	1,590	13,150	-54	580	114,213
December	31,555	415	133	40,394	253	34,928	1,862	16,039	-77	610	126,112
2013											
January	33,501	588	158	42,880	244	34,658	2,064	15,829	-61	548	130,408
February	31,197	344	141	38,670	198	30,340	1,889	15,091	-15	495	118,351
March	31,934	191	157	40,350	213	31,522	1,960	17,319	-47	587	124,185
April	26,657	198	150	37,904	219	27,776	1,914	18,334	-60	555	113,647
May	28,566	240	108	40,265	271	29,871	2,275	17,994	-74	607	120,123
June	32,790	243	146	47,998	281	31,926	2,266	16,025	-97	605	132,182
July	37,467	457	172	60,673	316	33,807	2,265	13,720	-103	621	149,395
August	34,518	222	215	59,278	315	34,167	1,669	12,530	-47	593	143,460
Sept	33,141	266	148	50,078	295	31,340	1,359	13,898	-92	568	131,000
October	28,443	193	157	42,974	287	31,578	1,399	15,876	-66	547	121,388
November	27,924	210	149	41,189	320	32,037	1,475	17,406	-82	537	121,164
December	35,373	543	152	44,496	318	33,881	1,966	15,979	-95	564	133,180
2014											
January	37,449	3,245	111	43,495	292	34,316	2,073	19,335	-72	518	140,762
February	35,694	689	123	36,815	234	29,702	1,601	15,599	-84	457	120,830
March	34,631	919	129	36,953	233	29,785	1,882	19,680	-66	567	124,713
April	28,501	165	141	36,430	214	26,072	2,258	20,540	-77	511	114,756
Year to Date											
2012	101,272	639	600	191,765	1,034	123,957	7,730	56,079	-169	2,271	485,178
2013	123,289	1,322	607	159,805	873	124,295	7,827	66,573	-184	2,185	486,590
2014	136,276	5,017	504	153,694	973	119,875	7,814	75,153	-299	2,054	501,061
Rolling 12 Months Ending in April											
2013	376,093	3,439	1,766	595,872	2,823	374,846	21,020	170,558	-764	6,944	1,552,598
2014	394,497	7,391	1,752	540,644	3,376	378,483	22,488	198,582	-956	6,695	1,552,953

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources 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, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
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 Renewable Sources.
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Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.4. Net Generation by Energy Source: Commerical Sector, 2004-April 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
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	1,049	86	3	5,487	3	0	26	2,476	0	950	10,080
2012	883	191	6	6,603	0	0	28	2,545	0	1,046	11,301
2013	799	NM	5	6,351	0	0	36	2,904	0	1,143	11,480
2012											
January	83	14	1	543	0	0	3	197	0	76	916
February	81	15	1	531	0	0	2	194	0	77	900
March	74	12	1	537	0	0	2	204	0	82	911
April	66	17	0	510	0	0	2	207	0	86	888
May	69	12	0	541	0	0	3	215	0	90	930
June	79	21	0	585	0	0	2	204	0	84	975
July	83	18	1	716	0	0	2	219	0	96	1,135
August	81	18	1	620	0	0	2	228	0	96	1,046
Sept	66	14	1	537	0	0	2	219	0	91	930
October	57	19	1	513	0	0	2	222	0	91	904
November	67	15	1	488	0	0	2	217	0	86	876
December	77	15	1	483	0	0	2	219	0	91	888
2013											
January	76	NM	1	558	0	0	NM	220	0	88	980
February	83	NM	1	503	0	0	NM	208	0	82	904
March	72	16	1	516	0	0	NM	249	0	99	955
April	55	16	0	440	0	0	NM	232	0	94	841
May	67	18	0	491	0	0	NM	240	0	90	909
June	75	17	0	512	0	0	NM	245	0	95	948
July	77	27	0	606	0	0	NM	249	0	103	1,065
August	66	17	1	587	0	0	NM	260	0	107	1,041
Sept	54	16	1	543	0	0	NM	253	0	103	972
October	54	15	1	500	0	0	NM	255	0	96	923
November	51	16	0	528	0	0	NM	240	0	91	928
December	69	NM	1	566	0	0	NM	252	0	94	1,014
2014											
January	105	NM	1	564	0	0	NM	245	0	91	1,137
February	97	NM	1	516	0	0	NM	206	0	77	943
March	88	NM	1	514	0	0	NM	250	0	93	995
April	62	16	1	488	0	0	NM	262	0	100	934
Year to Date											
2012	304	58	2	2,120	0	0	10	802	0	321	3,616
2013	286	NM	2	2,017	0	0	NM	909	0	363	3,680
2014	351	NM	3	2,082	0	0	NM	963	0	361	4,008
Rolling 12 Months Ending in April											
2013	866	NM	6	6,500	0	0	NM	2,653	0	1,089	11,365
2014	865	NM	6	6,416	0	0	NM	2,957	0	1,141	11,808

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources 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, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
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 Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 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. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; 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 Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.5. Net Generation by Energy Source: Industrial Sector, 2004-April 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
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	14,490	657	1,234	81,911	8,624	0	1,799	27,619	0	5,541	141,875
2012	12,603	563	2,359	86,500	8,913	0	2,353	27,707	0	5,108	146,107
2013	13,020	450	2,071	87,352	8,926	0	3,363	28,777	0	3,979	147,937
2012											
January	1,135	84	247	7,096	754	0	275	2,405	0	431	12,425
February	1,017	46	167	6,771	788	0	240	2,272	0	396	11,699
March	1,041	49	176	6,713	815	0	234	2,225	0	428	11,681
April	935	41	158	6,571	803	0	178	2,068	0	403	11,158
May	984	41	150	7,186	758	0	212	2,200	0	458	11,988
June	1,035	37	170	7,327	719	0	175	2,210	0	418	12,091
July	1,189	39	195	8,013	776	0	137	2,385	0	454	13,190
August	1,159	43	235	7,956	784	0	152	2,396	0	434	13,160
Sept	1,026	40	210	7,209	672	0	159	2,347	0	406	12,069
October	990	50	179	7,006	670	0	192	2,332	0	422	11,841
November	1,012	41	239	7,080	664	0	213	2,376	0	428	12,052
December	1,079	51	233	7,573	709	0	186	2,490	0	430	12,751
2013											
January	1,020	58	188	7,634	755	0	317	2,495	0	328	12,795
February	986	38	112	6,880	678	0	345	2,313	0	318	11,671
March	1,099	36	192	7,419	769	0	298	2,445	0	330	12,589
April	956	37	190	6,674	700	0	253	2,115	0	295	11,220
May	1,097	43	214	7,093	785	0	320	2,301	0	291	12,143
June	1,142	32	203	7,192	731	0	295	2,389	0	322	12,306
July	1,233	39	212	7,628	827	0	312	2,521	0	349	13,121
August	1,125	40	211	7,539	823	0	235	2,508	0	383	12,864
Sept	1,075	30	190	6,984	734	0	230	2,393	0	367	12,003
October	1,059	29	157	7,052	671	0	228	2,388	0	371	11,955
November	1,090	25	93	7,385	731	0	204	2,387	0	312	12,227
December	1,138	43	109	7,873	722	0	326	2,521	0	312	13,044
2014											
January	1,225	98	124	7,476	643	0	344	2,461	0	323	12,694
February	1,121	53	129	6,583	519	0	247	2,228	0	286	11,166
March	1,162	55	144	7,121	605	0	205	2,430	0	304	12,026
April	971	NM	119	6,514	546	0	181	2,368	0	314	11,039
Year to Date											
2012	4,129	221	748	27,151	3,160	0	927	8,971	0	1,658	46,964
2013	4,061	170	682	28,606	2,902	0	1,214	9,368	0	1,271	48,274
2014	4,478	233	516	27,694	2,313	0	978	9,487	0	1,226	46,925
Rolling 12 Months Ending in April											
2013	12,535	512	2,293	87,956	8,655	0	2,640	28,104	0	4,722	147,417
2014	13,437	NM	1,904	86,440	8,337	0	3,126	28,896	0	3,934	146,587

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources 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, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
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 Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 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. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; 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 Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.6.A. Net Generation
by State, by Sector, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	8,060	8,364	-3.6%	221	164	7,438	7,766	97	91	304	344
Connecticut	2,382	2,376	0.3%	NM	NM	2,330	2,325	29	28	NM	20
Maine	998	1,020	-2.2%	NM	NM	756	736	20	18	221	266
Massachusetts	2,608	2,692	-3.1%	56	36	2,455	2,566	40	37	57	52
New Hampshire	992	1,209	-17.9%	91	65	894	1,136	NM	NM	NM	NM
Rhode Island	481	560	-14.2%	0	1	478	556	NM	NM	0	0
Vermont	599	506	18.5%	70	58	527	446	NM	NM	NM	NM
Middle Atlantic	31,221	32,590	-4.2%	2,589	2,698	28,145	29,435	168	155	318	302
New Jersey	4,443	4,933	-9.9%	-6	-2	4,347	4,839	48	45	54	51
New York	9,658	10,021	-3.6%	2,379	2,556	7,120	7,317	89	80	71	68
Pennsylvania	17,119	17,636	-2.9%	216	144	16,679	17,279	31	29	193	184
East North Central	44,455	45,410	-2.1%	22,569	23,044	20,967	21,432	152	147	768	787
Illinois	15,269	14,900	2.5%	586	681	14,443	13,993	41	39	199	186
Indiana	7,981	8,258	-3.4%	6,886	7,081	859	927	17	12	218	238
Michigan	7,511	7,295	3.0%	5,660	5,225	1,670	1,887	67	72	114	111
Ohio	9,668	9,778	-1.1%	6,464	6,556	3,086	3,107	NM	20	97	95
Wisconsin	4,027	5,180	-22.3%	2,973	3,502	908	1,517	NM	NM	140	158
West North Central	24,180	24,405	-0.9%	19,712	20,497	4,114	3,584	43	43	311	281
Iowa	4,187	4,363	-4.0%	2,794	3,079	1,220	1,123	15	14	158	148
Kansas	3,388	3,494	-3.0%	2,335	2,689	1,050	802	0	0	NM	NM
Minnesota	4,082	3,847	6.1%	3,088	2,975	874	775	NM	13	107	84
Missouri	5,916	6,723	-12.0%	5,734	6,526	163	178	14	15	NM	NM
Nebraska	2,805	2,502	12.1%	2,572	2,332	203	138	NM	NM	30	30
North Dakota	2,754	2,667	3.2%	2,352	2,296	392	360	NM	NM	NM	NM
South Dakota	1,048	809	29.5%	836	600	212	209	NM	NM	0	0
South Atlantic	56,272	53,847	4.5%	45,757	44,330	9,005	7,979	81	73	1,430	1,464
Delaware	494	502	-1.6%	NM	NM	459	439	NM	NM	33	62
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	18,054	17,025	6.0%	16,629	15,416	1,004	1,187	NM	NM	417	417
Georgia	8,572	8,532	0.5%	7,554	7,531	641	608	NM	NM	375	390
Maryland	3,034	2,340	29.7%	NM	NM	2,980	2,293	21	20	32	25
North Carolina	8,175	7,892	3.6%	7,171	6,874	839	836	9	NM	155	178
South Carolina	7,237	7,592	-4.7%	6,953	7,382	108	62	NM	NM	176	148
Virginia	5,107	5,205	-1.9%	3,964	4,138	943	882	38	37	162	149
West Virginia	5,594	4,755	17.7%	3,482	2,987	2,031	1,672	0	0	80	96
East South Central	26,030	27,799	-6.4%	23,034	24,360	2,099	2,593	NM	NM	882	831
Alabama	10,818	10,616	1.9%	8,974	8,159	1,470	2,115	0	0	374	342
Kentucky	6,585	6,252	5.3%	6,526	6,213	7	NM	0	0	53	39
Mississippi	3,141	3,801	-17.4%	2,289	3,101	611	467	NM	NM	240	231
Tennessee	5,486	7,130	-23.1%	5,245	6,888	11	10	NM	NM	215	219
West South Central	48,583	47,307	2.7%	16,302	16,383	26,805	25,121	55	55	5,420	5,748
Arkansas	4,717	3,436	37.3%	3,455	2,617	1,110	656	NM	NM	152	162
Louisiana	7,150	7,540	-5.2%	3,088	3,648	1,930	1,495	NM	NM	2,129	2,393
Oklahoma	5,398	5,365	0.6%	3,249	3,816	2,082	1,483	0	NM	67	67
Texas	31,318	30,966	1.1%	6,511	6,302	21,684	21,487	52	51	3,071	3,126
Mountain	26,991	27,193	-0.7%	20,918	20,931	5,814	5,981	31	27	228	253
Arizona	7,093	7,706	-8.0%	6,254	6,507	829	1,190	10	NM	0	0
Colorado	4,055	3,989	1.6%	2,887	3,090	1,159	891	NM	NM	NM	NM
Idaho	1,539	1,495	2.9%	1,085	1,018	413	435	0	0	40	42
Montana	2,709	2,496	8.5%	1,163	646	1,545	1,849	0	0	NM	NM
Nevada	2,606	2,368	10.1%	1,720	1,692	873	647	8	NM	NM	NM
New Mexico	2,694	2,632	2.4%	2,096	2,048	593	576	NM	NM	NM	NM
Utah	2,620	2,814	-6.9%	2,394	2,615	131	117	NM	NM	92	81
Wyoming	3,675	3,692	-0.5%	3,319	3,314	271	276	0	0	85	102
Pacific Contiguous	29,754	29,834	-0.3%	18,148	19,038	10,009	9,424	242	195	1,356	1,177
California	15,192	14,728	3.2%	5,396	6,079	8,373	7,435	237	190	1,186	1,023
Oregon	4,650	5,181	-10.3%	3,657	3,754	939	1,375	NM	NM	50	47
Washington	9,913	9,924	-0.1%	9,095	9,204	697	613	NM	NM	120	107
Pacific Noncontiguous	1,220	1,326	-8.0%	788	919	360	332	49	42	23	33
Alaska	468	528	-11.2%	428	489	20	20	17	12	NM	7
Hawaii	751	798	-5.8%	360	431	340	312	32	30	20	26
U.S. Total	296,766	298,074	-0.4%	170,037	172,366	114,756	113,647	934	841	11,039	11,220

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	36,634	36,757	-0.3%	1,981	1,703	32,785	32,878	499	414	1,370	1,762
Connecticut	11,199	11,625	-3.7%	NM	NM	10,959	11,389	115	120	105	102
Maine	4,589	4,795	-4.3%	NM	NM	3,539	3,334	80	74	969	1,387
Massachusetts	10,789	10,191	5.9%	312	213	9,970	9,548	231	178	276	252
New Hampshire	6,138	6,661	-7.9%	1,308	1,174	4,775	5,452	NM	NM	NM	NM
Rhode Island	1,430	1,482	-3.5%	0	3	1,405	1,461	NM	NM	0	0
Vermont	2,490	2,002	24.3%	340	299	2,137	1,693	NM	NM	NM	NM
Middle Atlantic	141,864	142,304	-0.3%	11,384	10,890	128,387	129,386	672	684	1,421	1,345
New Jersey	21,841	20,789	5.1%	-52	-29	21,501	20,420	171	187	221	211
New York	44,429	43,345	2.5%	10,899	10,400	32,806	32,246	386	383	338	317
Pennsylvania	75,595	78,170	-3.3%	537	519	74,081	76,720	116	114	861	817
East North Central	210,215	202,193	4.0%	112,272	103,512	93,961	94,638	655	619	3,326	3,424
Illinois	67,996	66,678	2.0%	3,579	3,856	63,378	61,793	185	185	854	844
Indiana	40,563	35,587	14.0%	35,884	30,664	3,746	3,855	75	66	857	1,002
Michigan	34,430	33,479	2.8%	27,054	26,021	6,587	6,716	273	269	516	473
Ohio	47,212	44,732	5.5%	30,964	28,337	15,722	15,863	87	89	439	442
Wisconsin	20,014	21,718	-7.8%	14,791	14,635	4,528	6,410	NM	NM	660	663
West North Central	114,151	108,159	5.5%	96,621	93,058	15,829	13,579	207	167	1,493	1,356
Iowa	19,997	19,038	5.0%	14,377	13,898	4,750	4,388	88	66	781	686
Kansas	15,951	14,594	9.3%	12,256	11,741	3,684	2,844	0	0	NM	NM
Minnesota	19,075	17,401	9.6%	15,052	14,076	3,480	2,814	NM	56	481	454
Missouri	29,884	30,118	-0.8%	29,221	29,149	583	912	52	39	27	19
Nebraska	13,014	11,794	10.3%	12,118	11,120	749	534	NM	NM	141	134
North Dakota	12,584	11,954	5.3%	10,816	10,569	1,718	1,331	NM	NM	50	54
South Dakota	3,645	3,259	11.8%	2,781	2,505	864	755	NM	NM	0	0
South Atlantic	256,440	233,348	9.9%	209,340	191,214	40,627	35,661	344	304	6,129	6,170
Delaware	2,181	2,138	2.0%	NM	NM	1,965	1,847	NM	NM	212	289
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	70,063	64,465	8.7%	64,770	58,905	3,644	3,817	19	19	1,630	1,723
Georgia	39,194	35,918	9.1%	35,169	31,362	2,446	2,953	11	11	1,568	1,593
Maryland	14,169	10,630	33.3%	NM	NM	13,901	10,413	114	88	146	124
North Carolina	42,332	38,803	9.1%	37,787	34,070	3,740	3,857	44	28	760	848
South Carolina	32,570	31,889	2.1%	31,508	31,023	363	254	NM	NM	698	612
Virginia	27,007	24,527	10.1%	21,706	20,251	4,450	3,537	135	136	715	603
West Virginia	28,906	24,958	15.8%	18,389	15,597	10,117	8,982	0	0	399	379
East South Central	122,472	122,762	-0.2%	107,503	106,312	11,250	12,707	65	64	3,654	3,679
Alabama	47,943	48,089	-0.3%	38,102	35,989	8,404	10,621	0	0	1,437	1,479
Kentucky	31,808	30,809	3.2%	31,484	30,621	107	31	0	0	217	157
Mississippi	15,444	16,265	-5.0%	11,741	13,269	2,698	2,022	NM	NM	999	968
Tennessee	27,277	27,599	-1.2%	26,177	26,432	40	35	59	NM	1,001	1,075
West South Central	209,982	196,251	7.0%	76,055	69,292	110,882	102,816	215	215	22,830	23,929
Arkansas	20,976	19,488	7.6%	15,936	14,045	4,423	4,767	NM	NM	614	675
Louisiana	32,430	30,507	6.3%	15,113	14,051	8,208	6,657	NM	NM	9,095	9,786
Oklahoma	23,216	21,632	7.3%	16,264	15,978	6,689	5,390	NM	NM	264	263
Texas	133,359	124,623	7.0%	28,741	25,218	91,562	86,002	199	198	12,856	13,205
Mountain	115,218	117,032	-1.5%	90,324	91,370	23,851	24,557	124	113	919	991
Arizona	31,479	31,676	-0.6%	27,974	28,100	3,463	3,535	41	41	0	0
Colorado	17,696	17,249	2.6%	13,255	13,243	4,408	3,978	15	NM	18	21
Idaho	5,519	5,029	9.7%	3,633	3,109	1,719	1,748	0	0	167	173
Montana	9,681	10,149	-4.6%	2,718	2,046	6,958	8,100	0	0	NM	NM
Nevada	10,401	10,968	-5.2%	7,029	7,311	3,311	3,540	30	29	31	88
New Mexico	10,351	11,694	-11.5%	8,242	9,731	2,084	1,937	25	24	NM	NM
Utah	13,068	13,050	0.1%	12,215	12,252	558	508	13	11	282	278
Wyoming	17,024	17,216	-1.1%	15,258	15,579	1,349	1,211	0	0	417	425
Pacific Contiguous	116,862	117,221	-0.3%	68,044	71,577	42,141	39,223	1,018	925	5,658	5,495
California	58,805	58,662	0.2%	19,579	23,025	33,253	29,937	996	904	4,977	4,796
Oregon	20,674	21,638	-4.5%	15,777	15,761	4,665	5,632	NM	NM	216	225
Washington	37,382	36,921	1.3%	32,689	32,791	4,223	3,655	NM	NM	466	475
Pacific Noncontiguous	5,205	5,272	-1.3%	3,524	3,828	1,349	1,147	208	175	124	122
Alaska	2,059	2,178	-5.5%	1,871	2,011	86	85	87	58	NM	24
Hawaii	3,146	3,094	1.7%	1,653	1,818	1,263	1,061	121	117	109	98
U.S. Total	1,329,042	1,281,300	3.7%	777,049	742,756	501,061	486,590	4,008	3,680	46,925	48,274

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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.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	367	273	34.5%	48	10	316	259	0	0	NM	NM
Connecticut	34	-2	NM	0	0	34	-2	0	0	0	0
Maine	8	4	87.8%	0	0	7	3	0	0	1	1
Massachusetts	277	260	6.5%	0	0	275	258	0	0	NM	NM
New Hampshire	48	10	365.6%	48	10	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	7,648	7,496	2.0%	NM	NM	7,578	7,433	NM	NM	65	56
New Jersey	104	97	6.5%	0	0	104	97	0	0	0	0
New York	407	258	57.9%	NM	NM	380	226	0	0	22	26
Pennsylvania	7,137	7,141	0.0%	0	0	7,094	7,109	NM	NM	43	30
East North Central	25,741	27,559	-6.6%	18,392	19,903	7,076	7,396	24	22	248	237
Illinois	6,481	6,220	4.2%	574	592	5,762	5,494	NM	6	142	128
Indiana	6,834	7,060	-3.2%	6,469	6,625	351	426	10	5	NM	NM
Michigan	3,207	3,720	-13.8%	3,148	3,662	33	27	11	10	15	20
Ohio	6,755	7,543	-10.4%	5,803	6,075	931	1,449	NM	NM	22	20
Wisconsin	2,464	3,015	-18.3%	2,397	2,950	0	0	NM	NM	66	65
West North Central	13,908	15,756	-11.7%	13,650	15,505	0	0	18	17	240	234
Iowa	1,854	2,318	-20.0%	1,689	2,161	0	0	11	NM	154	145
Kansas	2,123	2,147	-1.1%	2,123	2,147	0	0	0	0	0	0
Minnesota	1,572	1,523	3.2%	1,524	1,474	0	0	0	0	48	49
Missouri	4,645	5,933	-21.7%	4,635	5,923	0	0	7	6	NM	NM
Nebraska	1,501	1,647	-8.8%	1,473	1,618	0	0	0	0	28	29
North Dakota	1,972	1,972	0.0%	1,965	1,965	0	0	0	0	NM	NM
South Dakota	240	218	10.3%	240	218	0	0	0	0	0	0
South Atlantic	18,889	16,427	15.0%	15,222	13,681	3,502	2,580	NM	NM	163	164
Delaware	94	111	-15.5%	0	0	94	111	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,600	3,585	0.4%	3,498	3,462	86	107	0	0	17	NM
Georgia	3,006	2,186	37.5%	2,964	2,144	0	0	0	0	42	42
Maryland	1,254	662	89.4%	0	0	1,238	645	NM	NM	14	16
North Carolina	2,600	2,806	-7.3%	2,456	2,666	126	122	0	1	19	NM
South Carolina	2,085	1,608	29.6%	2,072	1,598	0	0	0	0	13	11
Virginia	949	1,033	-8.1%	805	876	105	112	NM	NM	38	43
West Virginia	5,302	4,437	19.5%	3,428	2,935	1,854	1,483	0	0	20	19
East South Central	12,721	13,840	-8.1%	12,381	13,535	222	191	NM	NM	116	113
Alabama	3,238	3,700	-12.5%	3,224	3,686	2	0	0	0	12	14
Kentucky	5,925	5,669	4.5%	5,925	5,669	0	0	0	0	0	0
Mississippi	608	816	-25.5%	388	625	219	191	0	0	0	0
Tennessee	2,950	3,656	-19.3%	2,844	3,555	0	0	NM	NM	104	99
West South Central	16,285	15,515	5.0%	7,945	8,502	8,304	6,973	0	0	36	40
Arkansas	2,369	2,331	1.6%	1,908	2,029	456	293	0	0	5	9
Louisiana	1,263	1,229	2.8%	305	498	958	731	0	0	NM	NM
Oklahoma	1,955	1,999	-2.2%	1,797	1,879	127	89	0	0	31	31
Texas	10,698	9,956	7.4%	3,935	4,096	6,763	5,860	0	0	0	0
Mountain	13,684	14,917	-8.3%	12,475	13,229	1,131	1,610	0	0	77	78
Arizona	3,044	3,554	-14.4%	3,044	3,554	0	0	0	0	0	0
Colorado	2,447	2,635	-7.1%	2,437	2,625	NM	NM	0	0	NM	NM
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	983	1,393	-29.4%	NM	NM	966	1,373	0	0	NM	NM
Nevada	474	387	22.4%	385	244	88	143	0	0	0	0
New Mexico	1,679	1,595	5.3%	1,679	1,595	0	0	0	0	0	0
Utah	1,931	2,192	-11.9%	1,864	2,115	NM	NM	0	0	42	42
Wyoming	3,121	3,157	-1.1%	3,049	3,078	NM	NM	0	0	29	29
Pacific Contiguous	273	294	-7.1%	16	188	238	79	0	0	19	27
California	66	82	-20.3%	0	0	51	57	0	0	15	26
Oregon	16	188	-91.6%	16	188	0	0	0	0	0	0
Washington	192	24	705.7%	0	0	188	23	0	0	4	1
Pacific Noncontiguous	170	155	9.3%	17	4	134	137	17	11	NM	NM
Alaska	48	30	58.1%	17	4	15	NM	17	11	0	0
Hawaii	122	125	-2.5%	0	0	119	122	0	0	NM	NM
U.S. Total	109,686	112,232	-2.3%	80,151	84,564	28,501	26,657	62	55	971	956

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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.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	3,917	3,100	26.4%	982	880	2,905	2,197	0	0	30	24
Connecticut	658	303	117.1%	0	0	658	303	0	0	0	0
Maine	48	31	53.4%	0	0	29	18	0	0	18	13
Massachusetts	2,230	1,886	18.2%	0	0	2,218	1,875	0	0	NM	11
New Hampshire	982	880	11.6%	982	880	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	36,434	34,348	6.1%	NM	NM	36,077	34,063	NM	NM	323	261
New Jersey	1,277	723	76.6%	0	0	1,277	723	0	0	0	0
New York	2,803	2,144	30.7%	NM	NM	2,669	2,023	0	0	107	102
Pennsylvania	32,354	31,481	2.8%	0	0	32,131	31,317	NM	NM	216	159
East North Central	129,374	120,555	7.3%	94,395	87,200	33,712	32,201	124	112	1,143	1,042
Illinois	30,424	28,914	5.2%	3,505	3,680	26,294	24,640	22	28	603	566
Indiana	34,468	29,793	15.7%	32,734	28,008	1,670	1,732	45	36	18	17
Michigan	17,716	17,747	-0.2%	17,406	17,491	150	121	52	46	108	89
Ohio	33,725	31,541	6.9%	28,024	25,741	5,597	5,707	NM	NM	102	91
Wisconsin	13,042	12,561	3.8%	12,726	12,281	0	0	NM	NM	313	278
West North Central	72,680	71,758	1.3%	71,379	70,609	0	0	104	82	1,197	1,068
Iowa	11,043	10,747	2.8%	10,215	10,020	0	0	68	53	760	675
Kansas	9,553	9,652	-1.0%	9,553	9,652	0	0	0	0	0	0
Minnesota	9,100	7,627	19.3%	8,855	7,408	0	0	0	0	245	219
Missouri	24,451	24,896	-1.8%	24,390	24,850	0	0	35	29	26	17
Nebraska	8,128	8,483	-4.2%	7,993	8,356	0	0	0	0	135	127
North Dakota	9,388	9,283	1.1%	9,355	9,253	0	0	0	0	32	30
South Dakota	1,018	1,071	-4.9%	1,018	1,071	0	0	0	0	0	0
South Atlantic	103,540	80,990	27.8%	83,772	66,219	18,947	14,088	22	25	798	658
Delaware	618	371	66.6%	0	0	618	371	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	16,423	12,989	26.4%	16,124	12,714	232	214	0	0	67	62
Georgia	15,913	10,551	50.8%	15,724	10,384	0	0	0	0	189	168
Maryland	7,804	4,646	68.0%	0	0	7,727	4,580	NM	NM	71	62
North Carolina	18,269	14,691	24.4%	17,725	14,170	458	436	15	19	71	66
South Carolina	9,459	7,716	22.6%	9,381	7,668	0	0	0	0	78	48
Virginia	7,632	6,464	18.1%	6,800	5,929	668	379	NM	NM	163	155
West Virginia	27,421	23,560	16.4%	18,018	15,354	9,243	8,109	0	0	160	97
East South Central	60,696	56,736	7.0%	59,433	55,217	776	1,047	NM	7	476	465
Alabama	15,478	14,061	10.1%	15,416	13,997	2	0	0	0	59	64
Kentucky	28,585	28,461	0.4%	28,585	28,461	0	0	0	0	0	0
Mississippi	3,352	2,530	32.5%	2,578	1,483	774	1,047	0	0	0	0
Tennessee	13,281	11,684	13.7%	12,854	11,275	0	0	NM	7	417	401
West South Central	74,673	67,940	9.9%	39,422	37,426	35,104	30,361	0	0	147	154
Arkansas	11,336	9,941	14.0%	9,532	8,627	1,781	1,273	0	0	24	41
Louisiana	6,087	6,694	-9.1%	2,043	2,855	4,033	3,833	0	0	NM	NM
Oklahoma	9,645	8,880	8.6%	9,057	8,283	475	489	0	0	114	108
Texas	47,605	42,426	12.2%	18,790	17,661	28,815	24,765	0	0	0	0
Mountain	62,787	65,984	-4.8%	56,738	58,695	5,806	7,039	0	0	243	251
Arizona	13,235	13,353	-0.9%	13,235	13,353	0	0	0	0	0	0
Colorado	10,958	11,196	-2.1%	10,921	11,161	NM	34	0	0	NM	NM
Idaho	28	25	13.2%	0	0	0	0	0	0	28	25
Montana	4,980	6,214	-19.9%	NM	NM	4,888	6,121	0	0	NM	NM
Nevada	2,414	1,596	51.2%	1,867	1,096	547	500	0	0	0	0
New Mexico	6,542	8,140	-19.6%	6,542	8,140	0	0	0	0	0	0
Utah	10,080	10,495	-4.0%	9,883	10,261	NM	143	0	0	76	90
Wyoming	14,550	14,965	-2.8%	14,203	14,594	214	240	0	0	133	131
Pacific Contiguous	3,522	3,339	5.5%	975	1,330	2,437	1,880	0	0	109	129
California	230	300	-23.5%	0	0	135	182	0	0	94	118
Oregon	975	1,330	-26.7%	975	1,330	0	0	0	0	0	0
Washington	2,317	1,709	35.6%	0	0	2,302	1,698	0	0	15	11
Pacific Noncontiguous	673	534	26.1%	68	56	511	414	84	55	NM	NM
Alaska	215	176	22.5%	68	56	64	65	84	55	0	0
Hawaii	457	358	27.8%	0	0	447	348	0	0	NM	NM
U.S. Total	548,297	505,286	8.5%	407,192	377,650	136,276	123,289	351	286	4,478	4,061

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	10	23	-55.4%	1	3	3	13	5	4	1	4
Connecticut	NM	1	NM	NM	0	NM	1	NM	NM	NM	NM
Maine	1	16	-92.5%	NM	NM	1	14	NM	NM	NM	2
Massachusetts	6	3	94.2%	NM	0	NM	-1	4	3	1	1
New Hampshire	2	NM	NM	1	1	NM	NM	NM	NM	NM	NM
Rhode Island	NM	1	NM	0	1	0	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	25	33	-26.1%	5	5	13	21	NM	2	4	5
New Jersey	NM	1	NM	NM	NM	NM	1	NM	NM	NM	NM
New York	14	16	-11.2%	5	5	NM	4	NM	2	4	4
Pennsylvania	10	16	-39.0%	NM	NM	9	16	NM	NM	NM	NM
East North Central	52	38	37.6%	44	30	5	7	NM	NM	2	1
Illinois	6	5	9.4%	1	2	5	3	NM	NM	NM	NM
Indiana	15	10	52.6%	13	9	NM	NM	NM	NM	1	0
Michigan	10	10	-3.0%	10	10	0	0	0	0	NM	NM
Ohio	20	9	116.0%	19	6	1	3	NM	NM	NM	NM
Wisconsin	1	3	-56.5%	1	3	NM	NM	NM	NM	NM	NM
West North Central	16	27	-41.9%	16	27	NM	NM	NM	NM	NM	NM
Iowa	3	13	-78.7%	3	12	NM	NM	NM	NM	NM	NM
Kansas	4	4	6.7%	4	4	0	0	0	0	0	0
Minnesota	3	-3	-195.4%	3	-3	NM	NM	NM	NM	NM	NM
Missouri	5	7	-39.0%	4	7	0	0	NM	NM	0	0
Nebraska	1	4	-74.9%	1	4	0	0	0	0	0	0
North Dakota	1	2	-52.6%	1	2	0	0	NM	NM	NM	NM
South Dakota	NM	1	NM	NM	1	NM	NM	NM	NM	0	0
South Atlantic	192	140	36.7%	166	115	15	14	NM	NM	NM	11
Delaware	1	1	95.5%	0	NM	1	1	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	134	75	78.4%	129	70	NM	1	0	0	NM	NM
Georgia	NM	12	NM	4	9	NM	NM	NM	NM	NM	3
Maryland	8	11	-28.0%	NM	1	7	9	NM	NM	0	0
North Carolina	10	13	-24.8%	8	12	NM	NM	NM	NM	NM	NM
South Carolina	9	8	5.5%	7	7	1	0	NM	NM	1	1
Virginia	13	10	33.4%	7	6	4	2	0	NM	NM	NM
West Virginia	10	9	12.5%	10	9	0	0	0	0	0	0
East South Central	30	26	15.1%	25	20	NM	NM	NM	NM	NM	NM
Alabama	NM	11	NM	9	6	NM	NM	0	0	NM	NM
Kentucky	7	6	11.6%	7	6	0	0	0	0	0	0
Mississippi	2	2	-1.1%	2	2	0	0	0	0	0	0
Tennessee	7	7	4.6%	7	6	0	0	NM	NM	NM	NM
West South Central	15	16	-6.4%	7	4	NM	11	NM	NM	NM	NM
Arkansas	2	2	8.5%	2	0	0	2	0	0	0	0
Louisiana	6	3	102.3%	2	0	3	2	0	0	1	0
Oklahoma	2	2	-15.7%	2	2	0	0	0	NM	0	NM
Texas	NM	9	NM	NM	2	NM	7	NM	NM	NM	NM
Mountain	22	16	36.6%	20	15	2	1	NM	NM	NM	NM
Arizona	4	4	12.6%	4	4	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	2	NM	NM	NM	NM	2	0	0	0	0	0
Nevada	1	1	56.5%	1	1	0	0	0	0	0	0
New Mexico	7	3	116.2%	7	3	NM	NM	0	0	NM	NM
Utah	5	4	13.0%	5	4	NM	NM	0	0	NM	NM
Wyoming	2	3	-33.1%	2	3	0	0	0	0	NM	NM
Pacific Contiguous	9	13	-29.3%	3	4	0	2	NM	7	NM	1
California	NM	11	NM	2	3	0	1	NM	7	NM	NM
Oregon	0	1	-77.5%	0	1	0	0	0	0	0	0
Washington	NM	1	NM	NM	NM	0	0	NM	NM	NM	NM
Pacific Noncontiguous	526	639	-17.7%	404	498	119	131	NM	NM	NM	10
Alaska	50	75	-34.2%	48	71	0	0	NM	NM	1	4
Hawaii	476	564	-15.5%	356	427	119	131	0	0	NM	6
U.S. Total	897	973	-7.8%	690	721	165	198	16	16	NM	37

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	2,022	502	302.7%	235	78	1,635	377	NM	NM	NM	15
Connecticut	474	155	205.2%	NM	1	463	153	NM	NM	NM	NM
Maine	267	130	105.5%	NM	NM	246	122	NM	NM	NM	7
Massachusetts	908	151	501.7%	124	38	703	NM	NM	NM	NM	7
New Hampshire	290	42	594.7%	100	34	162	NM	NM	NM	NM	NM
Rhode Island	74	23	229.1%	0	3	62	16	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	2,872	551	420.8%	847	178	1,959	333	NM	NM	NM	31
New Jersey	422	62	585.7%	NM	NM	414	60	NM	NM	NM	NM
New York	1,931	382	405.8%	843	177	1,032	167	NM	NM	NM	29
Pennsylvania	518	108	380.1%	NM	NM	513	106	NM	NM	NM	NM
East North Central	346	179	92.7%	219	145	114	30	NM	NM	NM	NM
Illinois	37	22	64.7%	NM	8	25	15	NM	NM	NM	NM
Indiana	61	44	39.6%	55	41	NM	NM	NM	NM	6	2
Michigan	53	38	38.5%	51	37	0	0	NM	0	2	1
Ohio	172	65	166.3%	84	50	85	14	NM	NM	NM	NM
Wisconsin	23	11	116.4%	19	9	4	1	NM	NM	NM	NM
West North Central	160	92	74.6%	149	90	10	1	NM	NM	NM	NM
Iowa	25	26	-6.4%	24	26	NM	NM	NM	NM	NM	NM
Kansas	NM	16	NM	NM	16	0	0	0	0	0	0
Minnesota	39	1	NM	29	0	9	NM	NM	NM	NM	NM
Missouri	53	27	97.2%	53	27	0	0	NM	NM	0	0
Nebraska	10	9	10.5%	10	9	0	0	0	0	0	0
North Dakota	10	10	1.4%	9	9	0	0	NM	NM	NM	NM
South Dakota	NM	3	NM	NM	3	NM	NM	NM	NM	0	0
South Atlantic	2,435	516	371.5%	1,608	388	726	67	NM	NM	63	50
Delaware	153	10	NM	0	NM	153	10	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	297	199	48.8%	273	184	NM	NM	0	0	NM	13
Georgia	110	18	520.0%	60	0	30	NM	NM	NM	19	17
Maryland	394	51	679.3%	NM	2	352	37	NM	NM	0	0
North Carolina	310	81	283.2%	277	73	23	5	NM	NM	NM	NM
South Carolina	212	33	537.9%	197	30	10	0	NM	NM	4	3
Virginia	891	86	935.2%	750	61	133	11	NM	NM	NM	14
West Virginia	70	38	81.2%	47	37	23	1	0	0	0	0
East South Central	234	129	81.1%	198	110	10	NM	NM	NM	NM	18
Alabama	77	41	89.7%	43	24	10	NM	0	0	NM	16
Kentucky	41	39	5.7%	41	39	0	0	0	0	0	0
Mississippi	NM	5	NM	NM	4	0	0	0	0	0	2
Tennessee	110	44	150.9%	109	43	0	0	NM	NM	NM	NM
West South Central	76	69	9.6%	36	18	36	40	NM	NM	NM	12
Arkansas	10	10	2.2%	6	3	2	6	0	0	2	0
Louisiana	20	24	-17.7%	6	4	11	9	0	0	2	11
Oklahoma	5	3	104.6%	5	2	0	0	NM	NM	0	NM
Texas	41	33	24.4%	18	8	22	24	NM	NM	NM	NM
Mountain	88	70	26.7%	80	65	7	4	NM	NM	NM	1
Arizona	28	17	69.8%	28	17	0	0	NM	NM	0	0
Colorado	NM	3	NM	NM	3	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	6	2	187.3%	NM	NM	6	2	0	0	0	0
Nevada	4	4	-11.9%	4	3	0	1	0	0	0	0
New Mexico	23	16	42.7%	23	16	NM	NM	0	0	NM	NM
Utah	12	13	-11.8%	12	13	NM	NM	0	0	NM	NM
Wyoming	12	14	-11.8%	11	12	0	0	0	0	NM	1
Pacific Contiguous	NM	NM	NM	NM	13	5	5	NM	NM	4	4
California	NM	NM	NM	9	10	2	NM	NM	NM	NM	1
Oregon	NM	2	NM	3	2	0	0	NM	0	0	0
Washington	NM	NM	NM	NM	NM	2	3	NM	NM	4	4
Pacific Noncontiguous	2,420	2,548	-5.0%	1,860	2,047	NM	466	3	3	NM	33
Alaska	228	260	-12.2%	221	246	0	0	NM	2	NM	12
Hawaii	2,192	2,289	-4.2%	1,639	1,801	NM	466	1	1	NM	21
U.S. Total	10,728	4,711	127.7%	5,246	3,131	5,017	1,322	NM	NM	233	170

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	NM	NM	NM	0	0	0	0	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	302	146	107.1%	168	14	101	104	0	0	NM	28
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	103	13	714.3%	103	13	0	0	0	0	0	0
Michigan	75	NM	NM	57	0	4	6	0	0	NM	NM
Ohio	101	99	1.8%	0	0	98	98	0	0	NM	NM
Wisconsin	23	17	36.1%	8	1	0	0	0	0	14	16
West North Central	1	0	NM	0	0	0	0	1	0	0	0
Iowa	1	0	NM	0	0	0	0	1	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	241	182	32.3%	227	162	0	0	0	0	14	21
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	227	162	40.6%	227	162	0	0	0	0	0	0
Georgia	14	21	-32.4%	0	0	0	0	0	0	14	21
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	60	113	-46.7%	60	113	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	60	113	-46.7%	60	113	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	161	405	-60.2%	116	285	0	0	0	0	NM	119
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	140	318	-55.9%	116	285	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	NM	86	NM	0	0	0	0	0	0	NM	86
Mountain	40	41	-0.9%	0	0	40	41	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	40	41	-0.9%	0	0	40	41	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	NM	NM	0	0	0	NM	0	0	0	0
California	0	NM	NM	0	0	0	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	833	914	-8.9%	572	574	141	150	1	0	119	190

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	106	77	37.0%	0	0	0	0	0	0	106	77
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	69	63	10.1%	0	0	0	0	0	0	69	63
East North Central	1,144	972	17.7%	663	445	361	415	0	0	121	112
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	431	443	-2.8%	431	443	0	0	0	0	0	0
Michigan	263	67	294.5%	188	0	19	26	0	0	NM	NM
Ohio	352	391	-10.0%	0	0	341	389	0	0	NM	NM
Wisconsin	99	71	38.5%	44	2	0	0	0	0	55	69
West North Central	3	2	42.6%	0	0	0	0	3	2	0	0
Iowa	3	2	42.6%	0	0	0	0	3	2	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	880	390	125.5%	811	299	0	0	0	0	69	91
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	811	299	171.0%	811	299	0	0	0	0	0	0
Georgia	69	91	-24.0%	0	0	0	0	0	0	69	91
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	323	424	-23.9%	323	424	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	323	424	-23.9%	323	424	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1,603	1,811	-11.5%	1,383	1,409	0	0	0	0	220	402
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,529	1,529	0.0%	1,383	1,409	0	0	0	0	147	120
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	74	282	-74.0%	0	0	0	0	0	0	74	282
Mountain	142	161	-11.5%	0	0	142	161	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	142	161	-11.5%	0	0	142	161	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	4,203	3,869	8.6%	3,179	2,577	504	607	3	2	516	682

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	3,993	4,052	-1.5%	29	4	3,801	3,837	66	66	97	145
Connecticut	1,228	1,215	1.1%	0	0	1,179	1,167	29	28	NM	20
Maine	317	346	-8.3%	0	0	250	230	NM	NM	66	114
Massachusetts	1,510	1,922	-21.4%	23	4	1,446	1,877	32	32	NM	NM
New Hampshire	467	19	NM	5	0	459	16	NM	NM	NM	NM
Rhode Island	471	550	-14.5%	0	0	468	548	NM	NM	0	0
Vermont	0	0	-11.6%	0	0	0	0	0	0	0	0
Middle Atlantic	8,481	9,158	-7.4%	673	1,030	7,638	7,965	67	63	103	100
New Jersey	1,915	2,085	-8.2%	0	NM	1,869	2,037	NM	NM	34	33
New York	3,517	3,583	-1.8%	673	1,028	2,777	2,494	47	41	19	19
Pennsylvania	3,049	3,490	-12.6%	0	0	2,993	3,434	NM	NM	49	48
East North Central	3,613	4,239	-14.8%	1,431	1,363	1,992	2,693	93	89	97	94
Illinois	176	644	-72.6%	NM	81	116	511	37	33	NM	19
Indiana	409	524	-22.0%	255	377	108	104	NM	NM	42	39
Michigan	888	1,166	-23.8%	270	174	571	940	27	31	NM	20
Ohio	1,608	1,204	33.6%	602	435	978	742	NM	20	NM	NM
Wisconsin	532	703	-24.3%	299	296	220	396	NM	NM	NM	NM
West North Central	563	1,033	-45.5%	463	849	69	153	NM	16	NM	NM
Iowa	57	49	15.2%	52	46	0	0	NM	NM	NM	NM
Kansas	124	124	0.6%	121	121	0	0	0	0	NM	NM
Minnesota	156	586	-73.4%	109	484	35	88	NM	NM	NM	NM
Missouri	151	239	-36.8%	109	166	35	65	8	9	NM	NM
Nebraska	54	13	300.9%	52	12	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	20	20	-1.5%	20	20	0	0	0	0	0	0
South Atlantic	19,624	18,933	3.6%	16,369	15,357	3,024	3,276	NM	21	210	280
Delaware	378	373	1.3%	0	0	354	318	0	0	24	56
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	11,956	10,545	13.4%	11,256	9,637	591	792	NM	NM	106	114
Georgia	2,562	2,976	-13.9%	1,932	2,324	591	578	0	0	38	74
Maryland	126	258	-51.3%	0	0	107	239	NM	NM	NM	NM
North Carolina	2,199	2,008	9.5%	1,655	1,415	535	584	0	0	NM	NM
South Carolina	1,035	925	11.8%	930	864	99	55	0	0	NM	7
Virginia	1,355	1,824	-25.7%	593	1,117	740	691	0	0	22	15
West Virginia	9	19	-51.9%	3	0	5	18	0	0	NM	NM
East South Central	4,907	5,219	-6.0%	2,832	2,610	1,849	2,371	NM	NM	213	224
Alabama	2,629	3,146	-16.4%	1,098	966	1,452	2,095	0	0	80	85
Kentucky	342	140	143.7%	317	122	6	0	0	0	NM	19
Mississippi	1,624	1,838	-11.7%	1,120	1,444	391	276	NM	NM	112	117
Tennessee	312	94	230.8%	298	78	0	0	NM	NM	2	4
West South Central	21,313	21,197	0.5%	5,315	5,371	11,219	10,867	52	51	4,728	4,909
Arkansas	743	690	7.6%	83	317	641	349	NM	NM	19	24
Louisiana	4,285	4,101	4.5%	1,637	1,443	810	627	NM	NM	1,834	2,028
Oklahoma	2,051	2,037	0.7%	1,151	1,515	892	512	0	0	NM	NM
Texas	14,234	14,369	-0.9%	2,445	2,095	8,875	9,379	49	47	2,866	2,848
Mountain	4,525	4,856	-6.8%	2,763	2,861	1,668	1,876	21	NM	73	101
Arizona	1,134	1,468	-22.7%	611	474	515	987	NM	NM	0	0
Colorado	637	658	-3.2%	276	367	360	290	1	0	NM	NM
Idaho	29	106	-72.6%	0	34	27	70	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	1,496	1,317	13.6%	1,049	1,119	437	173	NM	NM	NM	NM
New Mexico	684	749	-8.7%	377	425	303	317	NM	NM	0	NM
Utah	493	482	2.4%	432	415	NM	NM	NM	NM	34	28
Wyoming	34	49	-30.1%	NM	NM	NM	NM	0	0	32	46
Pacific Contiguous	8,742	8,160	7.1%	2,454	2,386	5,170	4,866	140	105	978	804
California	8,115	7,214	12.5%	2,197	2,056	4,811	4,267	138	102	970	789
Oregon	337	684	-50.7%	NM	136	286	538	NM	NM	NM	NM
Washington	290	262	10.4%	213	194	73	60	NM	NM	3	8
Pacific Noncontiguous	215	281	-23.3%	213	278	0	0	NM	NM	NM	NM
Alaska	215	281	-23.3%	213	278	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	75,975	77,128	-1.5%	32,544	32,110	36,430	37,904	488	440	6,514	6,674

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	12,043	14,625	-17.7%	69	53	11,253	13,494	290	297	431	780
Connecticut	4,021	5,015	-19.8%	5	2	3,805	4,793	115	120	97	100
Maine	1,376	1,610	-14.5%	0	0	1,085	976	NM	NM	284	626
Massachusetts	4,455	5,534	-19.5%	57	42	4,208	5,297	148	150	NM	NM
New Hampshire	870	1,039	-16.3%	6	9	849	1,016	NM	NM	NM	NM
Rhode Island	1,320	1,426	-7.4%	0	0	1,307	1,412	NM	NM	0	0
Vermont	1	1	-16.7%	1	1	0	0	0	0	0	0
Middle Atlantic	37,269	39,135	-4.8%	3,337	3,689	33,198	34,676	297	315	438	456
New Jersey	8,249	7,663	7.6%	0	NM	8,065	7,455	NM	NM	136	141
New York	15,391	15,879	-3.1%	3,336	3,682	11,758	11,894	215	221	81	82
Pennsylvania	13,629	15,594	-12.6%	NM	0	13,375	15,327	NM	NM	220	233
East North Central	18,840	18,526	1.7%	7,406	6,501	10,602	11,232	414	402	419	391
Illinois	1,223	2,221	-45.0%	37	142	931	1,827	162	156	92	96
Indiana	3,293	2,741	20.1%	2,462	1,923	664	664	NM	NM	149	136
Michigan	4,497	3,859	16.5%	1,147	594	3,135	3,043	125	140	NM	82
Ohio	7,636	6,915	10.4%	2,728	2,383	4,791	4,415	84	87	NM	NM
Wisconsin	2,192	2,790	-21.4%	1,031	1,459	1,080	1,283	NM	NM	NM	46
West North Central	2,810	4,448	-36.8%	2,402	3,724	289	614	NM	41	NM	69
Iowa	239	304	-21.4%	218	293	NM	0	NM	NM	NM	NM
Kansas	465	518	-10.2%	454	509	0	0	0	0	NM	NM
Minnesota	918	2,099	-56.3%	660	1,855	191	179	NM	NM	NM	NM
Missouri	996	1,431	-30.4%	890	985	98	435	7	10	NM	NM
Nebraska	93	35	164.2%	87	28	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	92	53	74.8%	92	53	0	0	0	0	0	0
South Atlantic	72,201	76,557	-5.7%	58,983	62,153	12,161	13,139	82	85	976	1,180
Delaware	1,330	1,694	-21.5%	0	0	1,160	1,431	0	0	170	263
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	41,555	41,331	0.5%	39,051	38,468	2,058	2,383	NM	NM	439	472
Georgia	10,469	13,523	-22.6%	8,098	10,359	2,203	2,864	0	0	169	299
Maryland	555	556	-0.2%	0	0	479	478	55	NM	NM	NM
North Carolina	7,950	8,579	-7.3%	5,282	5,677	2,628	2,868	0	1	39	33
South Carolina	3,441	3,810	-9.7%	3,098	3,558	321	224	0	0	22	29
Virginia	6,667	6,969	-4.3%	3,304	4,075	3,251	2,835	0	0	112	59
West Virginia	216	75	188.7%	151	15	61	55	0	0	NM	NM
East South Central	25,607	27,870	-8.1%	14,282	15,312	10,357	11,555	54	NM	914	947
Alabama	13,221	15,629	-15.4%	4,555	4,710	8,328	10,553	0	0	339	366
Kentucky	1,546	539	186.9%	1,364	437	104	27	0	0	78	75
Mississippi	9,451	9,885	-4.4%	7,039	8,416	1,924	975	NM	NM	481	488
Tennessee	1,388	1,817	-23.6%	1,325	1,750	0	0	NM	NM	16	18
West South Central	86,493	84,859	1.9%	22,017	19,733	44,379	44,439	200	200	19,896	20,487
Arkansas	3,137	4,433	-29.2%	449	895	2,591	3,435	NM	NM	97	102
Louisiana	17,226	15,680	9.9%	6,007	5,161	3,506	2,272	NM	NM	7,699	8,232
Oklahoma	8,665	8,530	1.6%	6,123	6,615	2,503	1,876	NM	0	39	38
Texas	57,465	56,216	2.2%	9,439	7,061	35,779	36,855	186	185	12,061	12,115
Mountain	19,303	20,827	-7.3%	11,995	12,739	6,856	7,564	97	87	355	437
Arizona	4,440	5,110	-13.1%	1,954	2,213	2,453	2,862	33	34	0	0
Colorado	3,217	2,885	11.5%	1,731	1,675	1,479	1,204	5	0	NM	NM
Idaho	764	847	-9.8%	399	261	352	566	0	0	NM	20
Montana	NM	123	NM	NM	118	NM	NM	0	0	0	0
Nevada	5,697	7,171	-20.5%	4,223	5,300	1,423	1,766	21	18	30	87
New Mexico	2,633	2,487	5.9%	1,579	1,491	1,031	970	24	23	0	NM
Utah	2,257	2,010	12.3%	1,991	1,675	107	187	13	11	145	137
Wyoming	179	195	-8.4%	NM	NM	NM	NM	0	0	165	185
Pacific Contiguous	43,352	41,237	5.1%	13,968	13,763	24,599	23,090	599	534	4,186	3,850
California	36,483	34,021	7.2%	10,047	10,180	21,719	19,538	585	521	4,132	3,783
Oregon	3,866	4,885	-20.9%	1,401	1,601	2,421	3,232	NM	NM	NM	40
Washington	3,002	2,331	28.8%	2,520	1,983	459	320	NM	NM	19	27
Pacific Noncontiguous	1,040	1,210	-14.1%	1,029	1,198	0	0	NM	NM	NM	NM
Alaska	1,040	1,210	-14.1%	1,029	1,198	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	318,958	329,294	-3.1%	135,488	138,866	153,694	159,805	2,082	2,017	27,694	28,606

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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.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	44	70	-37.1%	0	0	0	0	0	0	44	70
New Jersey	NM	12	NM	0	0	0	0	0	0	NM	12
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	35	58	-39.4%	0	0	0	0	0	0	35	58
East North Central	280	276	1.7%	18	7	70	50	0	0	192	218
Illinois	19	23	-17.3%	0	0	2	3	0	0	NM	20
Indiana	139	160	-13.1%	0	0	0	0	0	0	139	160
Michigan	64	35	81.9%	18	7	45	28	0	0	0	0
Ohio	59	58	1.6%	0	0	23	19	0	0	37	39
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	12	9	30.5%	0	0	0	0	0	0	12	9
Delaware	9	7	39.8%	0	0	0	0	0	0	9	7
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1	0	103.8%	0	0	0	0	0	0	1	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	2	2	-14.3%	0	0	0	0	0	0	2	2
East South Central	24	19	22.1%	0	0	0	0	0	0	24	19
Alabama	23	18	22.8%	0	0	0	0	0	0	23	18
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1	1	10.1%	0	0	0	0	0	0	1	1
West South Central	269	352	-23.6%	0	0	137	139	0	0	132	213
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	100	161	-38.1%	0	0	43	32	0	0	57	129
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	169	190	-11.3%	0	0	94	107	0	0	75	83
Mountain	24	27	-12.5%	0	0	0	0	0	0	23	27
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	3.6%	0	0	0	0	0	0	0	0
Nevada	0	0	54.8%	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	0	0	0	0	NM	NM
Wyoming	23	26	-12.2%	0	0	0	0	0	0	23	26
Pacific Contiguous	120	165	-27.2%	0	0	7	29	0	0	113	136
California	113	136	-16.9%	0	0	0	0	0	0	113	136
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	7	29	-75.4%	0	0	7	29	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	0	0	NM	NM
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	NM	NM	NM	0	0	0	0	0	0	NM	NM
U.S. Total	778	925	-15.9%	18	7	214	219	0	0	546	700

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	203	271	-24.8%	0	0	0	0	0	0	203	271
New Jersey	44	55	-20.2%	0	0	0	0	0	0	44	55
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	159	216	-26.0%	0	0	0	0	0	0	159	216
East North Central	1,255	1,255	0.0%	44	14	352	211	0	0	859	1,029
Illinois	84	104	-18.7%	0	0	3	6	0	0	81	97
Indiana	605	730	-17.1%	0	0	0	0	0	0	605	730
Michigan	291	119	145.0%	44	14	247	104	0	0	0	0
Ohio	275	302	-9.2%	0	0	102	101	0	0	173	202
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	52	36	43.5%	0	0	0	0	0	0	52	36
Delaware	42	26	58.9%	0	0	0	0	0	0	42	26
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2	2	8.3%	0	0	0	0	0	0	2	2
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	9	9	3.0%	0	0	0	0	0	0	9	9
East South Central	72	50	43.3%	0	0	0	0	0	0	72	50
Alabama	67	46	45.9%	0	0	0	0	0	0	67	46
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	5	4	14.1%	0	0	0	0	0	0	5	4
West South Central	1,131	1,383	-18.2%	0	0	543	548	0	0	588	835
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	519	610	-14.8%	0	0	236	127	0	0	284	482
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	612	774	-20.9%	0	0	308	421	0	0	304	353
Mountain	120	111	8.3%	0	0	1	1	0	0	119	110
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	-56.4%	0	0	0	0	0	0	0	0
Nevada	1	1	12.0%	0	0	1	1	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	0	0	0	0	NM	NM
Wyoming	118	108	9.2%	0	0	0	0	0	0	118	108
Pacific Contiguous	473	653	-27.5%	0	0	77	112	0	0	397	540
California	397	540	-26.6%	0	0	0	0	0	0	397	540
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	77	112	-31.9%	0	0	77	112	0	0	0	0
Pacific Noncontiguous	12	16	-25.4%	0	0	0	0	0	0	12	16
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	11	15	-25.8%	0	0	0	0	0	0	11	15
U.S. Total	3,330	3,789	-12.1%	44	14	973	873	0	0	2,313	2,902

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	2,058	2,450	-16.0%	0	0	2,058	2,450	0	0	0	0
Connecticut	985	1,007	-2.2%	0	0	985	1,007	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	491	189	159.6%	0	0	491	189	0	0	0	0
New Hampshire	146	899	-83.8%	0	0	146	899	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	436	356	22.7%	0	0	436	356	0	0	0	0
Middle Atlantic	10,949	12,212	-10.3%	0	0	10,949	12,212	0	0	0	0
New Jersey	2,225	2,561	-13.1%	0	0	2,225	2,561	0	0	0	0
New York	2,924	3,599	-18.8%	0	0	2,924	3,599	0	0	0	0
Pennsylvania	5,800	6,053	-4.2%	0	0	5,800	6,053	0	0	0	0
East North Central	11,434	10,306	10.9%	1,988	1,244	9,446	9,062	0	0	0	0
Illinois	7,394	6,840	8.1%	0	0	7,394	6,840	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,578	1,827	41.1%	1,988	1,244	590	583	0	0	0	0
Ohio	910	651	39.7%	0	0	910	651	0	0	0	0
Wisconsin	552	988	-44.2%	0	0	552	988	0	0	0	0
West North Central	3,387	2,287	48.1%	2,949	1,845	438	442	0	0	0	0
Iowa	438	442	-1.0%	0	0	438	442	0	0	0	0
Kansas	-11	327	-103.3%	-11	327	0	0	0	0	0	0
Minnesota	1,175	778	51.1%	1,175	778	0	0	0	0	0	0
Missouri	884	173	410.7%	884	173	0	0	0	0	0	0
Nebraska	901	567	58.9%	901	567	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	13,920	15,411	-9.7%	12,636	14,127	1,284	1,284	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,479	2,049	-27.8%	1,479	2,049	0	0	0	0	0	0
Georgia	2,327	2,845	-18.2%	2,327	2,845	0	0	0	0	0	0
Maryland	1,284	1,284	0.0%	0	0	1,284	1,284	0	0	0	0
North Carolina	2,700	2,395	12.8%	2,700	2,395	0	0	0	0	0	0
South Carolina	3,703	4,745	-22.0%	3,703	4,745	0	0	0	0	0	0
Virginia	2,427	2,093	16.0%	2,427	2,093	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	6,068	5,975	1.6%	6,068	5,975	0	0	0	0	0	0
Alabama	3,705	2,455	50.9%	3,705	2,455	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	779	1,030	-24.4%	779	1,030	0	0	0	0	0	0
Tennessee	1,585	2,490	-36.3%	1,585	2,490	0	0	0	0	0	0
West South Central	4,084	3,773	8.3%	2,187	1,447	1,897	2,326	0	0	0	0
Arkansas	1,160	26	NM	1,160	26	0	0	0	0	0	0
Louisiana	1,027	1,421	-27.7%	1,027	1,421	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,897	2,326	-18.4%	0	0	1,897	2,326	0	0	0	0
Mountain	2,028	1,925	5.3%	2,028	1,925	0	0	0	0	0	0
Arizona	2,028	1,925	5.3%	2,028	1,925	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,456	2,427	1.2%	2,456	2,427	0	0	0	0	0	0
California	1,645	1,626	1.2%	1,645	1,626	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	812	802	1.2%	812	802	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	56,385	56,767	-0.7%	30,312	28,991	26,072	27,776	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.12.B. Net Generation from Nuclear Energy

by State, by Sector, Year-to-Date through April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	12,022	11,785	2.0%	0	0	12,022	11,785	0	0	0	0
Connecticut	5,468	5,564	-1.7%	0	0	5,468	5,564	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	1,962	1,326	47.9%	0	0	1,962	1,326	0	0	0	0
New Hampshire	2,836	3,594	-21.1%	0	0	2,836	3,594	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	1,757	1,302	35.0%	0	0	1,757	1,302	0	0	0	0
Middle Atlantic	49,759	53,383	-6.8%	0	0	49,759	53,383	0	0	0	0
New Jersey	11,236	11,682	-3.8%	0	0	11,236	11,682	0	0	0	0
New York	13,332	14,386	-7.3%	0	0	13,332	14,386	0	0	0	0
Pennsylvania	25,191	27,315	-7.8%	0	0	25,191	27,315	0	0	0	0
East North Central	47,585	49,856	-4.6%	7,697	7,436	39,888	42,421	0	0	0	0
Illinois	31,512	30,985	1.7%	0	0	31,512	30,985	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	8,920	9,627	-7.4%	7,697	7,436	1,222	2,192	0	0	0	0
Ohio	4,253	4,641	-8.4%	0	0	4,253	4,641	0	0	0	0
Wisconsin	2,901	4,603	-37.0%	0	0	2,901	4,603	0	0	0	0
West North Central	15,204	12,042	26.3%	13,451	10,275	1,754	1,766	0	0	0	0
Iowa	1,754	1,766	-0.7%	0	0	1,754	1,766	0	0	0	0
Kansas	1,891	1,294	46.2%	1,891	1,294	0	0	0	0	0	0
Minnesota	4,453	3,898	14.3%	4,453	3,898	0	0	0	0	0	0
Missouri	3,562	2,823	26.2%	3,562	2,823	0	0	0	0	0	0
Nebraska	3,544	2,261	56.8%	3,544	2,261	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	63,427	62,527	1.4%	59,206	58,182	4,221	4,344	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	8,357	7,094	17.8%	8,357	7,094	0	0	0	0	0	0
Georgia	10,032	9,798	2.4%	10,032	9,798	0	0	0	0	0	0
Maryland	4,221	4,344	-2.8%	0	0	4,221	4,344	0	0	0	0
North Carolina	12,761	12,224	4.4%	12,761	12,224	0	0	0	0	0	0
South Carolina	17,738	19,047	-6.9%	17,738	19,047	0	0	0	0	0	0
Virginia	10,318	10,019	3.0%	10,318	10,019	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	24,760	25,304	-2.2%	24,760	25,304	0	0	0	0	0	0
Alabama	13,766	12,272	12.2%	13,766	12,272	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	2,118	3,366	-37.1%	2,118	3,366	0	0	0	0	0	0
Tennessee	8,876	9,667	-8.2%	8,876	9,667	0	0	0	0	0	0
West South Central	22,835	19,035	20.0%	10,604	8,440	12,231	10,595	0	0	0	0
Arkansas	4,929	3,818	29.1%	4,929	3,818	0	0	0	0	0	0
Louisiana	5,675	4,622	22.8%	5,675	4,622	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	12,231	10,595	15.4%	0	0	12,231	10,595	0	0	0	0
Mountain	10,658	10,365	2.8%	10,658	10,365	0	0	0	0	0	0
Arizona	10,658	10,365	2.8%	10,658	10,365	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	8,234	8,306	-0.9%	8,234	8,306	0	0	0	0	0	0
California	5,001	5,087	-1.7%	5,001	5,087	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	3,233	3,219	0.4%	3,233	3,219	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	254,485	252,603	0.7%	134,609	128,309	119,875	124,295	0	0	0	0

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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.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	758	754	0.6%	98	109	623	600	NM	NM	38	45
Connecticut	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Maine	321	336	-4.5%	0	0	287	295	0	0	34	42
Massachusetts	99	105	-5.2%	NM	NM	73	79	NM	NM	NM	NM
New Hampshire	196	169	16.2%	31	41	164	127	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	107	110	-2.6%	NM	40	67	69	0	0	NM	NM
Middle Atlantic	2,529	2,217	14.1%	1,923	1,691	600	520	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,105	1,942	8.4%	1,707	1,547	391	390	NM	NM	NM	NM
Pennsylvania	421	272	55.1%	216	144	205	128	0	0	0	0
East North Central	336	312	7.5%	297	277	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Indiana	20	33	-39.0%	20	33	0	0	0	0	0	0
Michigan	118	105	12.8%	105	93	NM	NM	0	0	NM	NM
Ohio	36	36	-0.7%	36	36	0	0	0	0	0	0
Wisconsin	148	126	17.6%	131	110	NM	NM	0	0	NM	NM
West North Central	1,030	860	19.8%	1,005	840	NM	NM	0	0	NM	NM
Iowa	67	65	3.0%	67	65	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	NM	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Missouri	93	188	-50.2%	93	188	0	0	0	0	0	0
Nebraska	118	108	10.0%	118	108	0	0	0	0	0	0
North Dakota	197	162	21.6%	197	162	0	0	0	0	0	0
South Dakota	509	299	70.5%	509	299	0	0	0	0	0	0
South Atlantic	1,528	1,195	27.8%	1,153	1,000	291	70	NM	NM	82	123
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	NM	NM	NM	NM	0	0	0	0	0	0
Georgia	344	257	34.0%	341	254	NM	NM	0	0	NM	NM
Maryland	249	24	959.9%	0	0	249	24	0	0	0	0
North Carolina	379	438	-13.5%	352	386	NM	NM	NM	NM	NM	46
South Carolina	270	187	44.6%	264	181	NM	NM	NM	NM	0	0
Virginia	147	128	14.9%	140	121	NM	NM	0	0	NM	NM
West Virginia	123	147	-16.4%	NM	NM	24	30	0	0	58	74
East South Central	1,720	2,156	-20.2%	1,690	2,098	NM	NM	0	0	29	57
Alabama	939	1,046	-10.2%	939	1,046	0	0	0	0	0	0
Kentucky	209	295	-29.1%	209	295	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	572	815	-29.9%	542	758	0	0	0	0	29	57
West South Central	635	701	-9.3%	517	594	118	106	0	0	0	0
Arkansas	296	245	20.9%	292	241	NM	NM	0	0	0	0
Louisiana	110	98	12.1%	0	0	110	98	0	0	0	0
Oklahoma	122	267	-54.5%	122	267	0	0	0	0	0	0
Texas	107	90	18.5%	103	87	NM	NM	0	0	0	0
Mountain	3,798	3,084	23.1%	3,330	2,660	467	424	NM	0	0	0
Arizona	536	522	2.6%	536	522	0	0	0	0	0	0
Colorado	185	124	48.7%	162	112	NM	NM	NM	0	0	0
Idaho	1,154	1,043	10.7%	1,069	971	86	71	0	0	0	0
Montana	1,458	929	57.0%	1,107	595	352	334	0	0	0	0
Nevada	288	333	-13.6%	282	328	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	74	63	16.7%	73	63	NM	NM	0	0	0	0
Wyoming	80	52	55.8%	79	51	NM	NM	0	0	0	0
Pacific Contiguous	12,594	13,346	-5.6%	12,478	13,191	115	154	NM	NM	NM	NM
California	1,417	2,295	-38.3%	1,354	2,191	62	103	NM	NM	0	0
Oregon	3,489	3,271	6.7%	3,463	3,246	NM	NM	0	0	0	0
Washington	7,689	7,780	-1.2%	7,661	7,754	NM	NM	0	0	NM	NM
Pacific Noncontiguous	147	133	10.2%	141	128	1	1	0	0	NM	NM
Alaska	138	125	10.4%	138	125	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	1	1	0	0	NM	NM
U.S. Total	25,075	24,758	1.3%	22,632	22,588	2,258	1,914	NM	NM	181	253

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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.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	2,786	2,990	-6.8%	382	422	2,257	2,382	NM	NM	143	184
Connecticut	138	140	-1.6%	NM	NM	127	129	0	0	0	0
Maine	1,294	1,442	-10.2%	0	0	1,164	1,272	0	0	130	170
Massachusetts	382	403	-5.3%	103	107	274	292	NM	NM	NM	NM
New Hampshire	525	533	-1.4%	114	140	409	390	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	444	470	-5.6%	154	163	281	298	0	0	NM	NM
Middle Atlantic	9,589	9,357	2.5%	7,316	7,182	2,248	2,149	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	8,348	8,307	0.5%	6,780	6,663	1,543	1,618	NM	NM	NM	NM
Pennsylvania	1,230	1,040	18.3%	536	519	694	521	0	0	0	0
East North Central	1,126	1,129	-0.3%	1,000	1,008	80	78	NM	NM	NM	42
Illinois	50	49	3.4%	NM	NM	30	27	NM	NM	0	0
Indiana	101	129	-21.5%	101	129	0	0	0	0	0	0
Michigan	380	361	5.2%	343	323	NM	31	0	0	NM	NM
Ohio	115	151	-23.7%	115	151	0	0	0	0	0	0
Wisconsin	479	440	9.0%	422	385	NM	NM	1	NM	NM	NM
West North Central	3,112	2,912	6.9%	3,030	2,843	57	51	0	0	NM	NM
Iowa	224	224	0.1%	222	222	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	136	124	9.9%	65	62	NM	44	0	0	NM	NM
Missouri	304	352	-13.6%	304	352	0	0	0	0	0	0
Nebraska	388	373	4.1%	388	373	0	0	0	0	0	0
North Dakota	648	677	-4.3%	648	677	0	0	0	0	0	0
South Dakota	1,402	1,157	21.2%	1,402	1,157	0	0	0	0	0	0
South Atlantic	6,400	5,834	9.7%	4,950	4,404	976	849	NM	NM	468	575
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	66	68	-2.1%	66	68	0	0	0	0	0	0
Georgia	1,303	1,030	26.5%	1,291	1,017	NM	NM	0	0	NM	NM
Maryland	758	606	25.0%	0	0	758	606	0	0	0	0
North Carolina	1,992	2,238	-11.0%	1,741	1,925	NM	NM	NM	NM	228	291
South Carolina	1,167	783	49.0%	1,142	758	NM	NM	NM	NM	0	0
Virginia	567	478	18.6%	537	446	NM	NM	0	0	NM	NM
West Virginia	547	630	-13.2%	174	189	147	172	0	0	227	269
East South Central	8,822	10,287	-14.2%	8,560	9,930	NM	NM	0	0	258	353
Alabama	4,321	4,987	-13.3%	4,321	4,987	0	0	0	0	0	0
Kentucky	1,144	1,229	-6.9%	1,141	1,225	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	3,356	4,071	-17.6%	3,098	3,718	0	0	0	0	258	353
West South Central	2,300	2,076	10.8%	1,865	1,646	435	430	0	0	0	0
Arkansas	1,011	713	41.7%	992	694	NM	NM	0	0	0	0
Louisiana	402	395	1.7%	0	0	402	395	0	0	0	0
Oklahoma	485	565	-14.2%	485	565	0	0	0	0	0	0
Texas	402	402	0.0%	388	388	NM	NM	0	0	0	0
Mountain	10,994	9,849	11.6%	9,575	8,472	1,418	1,377	NM	0	0	0
Arizona	2,008	2,077	-3.3%	2,008	2,077	0	0	0	0	0	0
Colorado	630	503	25.2%	563	460	65	43	NM	0	0	0
Idaho	3,384	2,992	13.1%	3,169	2,803	215	188	0	0	0	0
Montana	3,539	2,924	21.0%	2,424	1,802	1,114	1,122	0	0	0	0
Nevada	948	925	2.5%	931	908	NM	NM	0	0	0	0
New Mexico	71	65	8.8%	71	65	0	0	0	0	0	0
Utah	238	221	7.9%	236	219	NM	NM	0	0	0	0
Wyoming	176	142	24.5%	173	139	NM	NM	0	0	0	0
Pacific Contiguous	42,697	46,093	-7.4%	42,360	45,593	336	499	NM	NM	NM	NM
California	3,981	7,456	-46.6%	3,825	7,137	156	318	NM	NM	0	0
Oregon	13,079	12,433	5.2%	12,985	12,341	94	92	0	0	0	0
Washington	25,637	26,204	-2.2%	25,550	26,115	86	88	0	0	NM	NM
Pacific Noncontiguous	539	509	5.8%	517	485	4	8	0	0	NM	NM
Alaska	509	476	6.9%	509	476	0	0	0	0	0	0
Hawaii	NM	33	NM	NM	NM	4	8	0	0	NM	NM
U.S. Total	88,364	91,037	-2.9%	79,557	81,983	7,814	7,827	NM	NM	978	1,214

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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.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.14.A. Net Generation from Renewable Sources Excluding Hydroelectric by State, by Sector, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	758	664	14.3%	46	38	540	474	17	13	156	139
Connecticut	55	57	-2.9%	0	0	55	57	0	0	0	0
Maine	325	292	11.3%	0	0	202	183	10	8	113	101
Massachusetts	185	163	13.5%	8	7	131	116	NM	NM	42	38
New Hampshire	128	104	23.2%	6	13	119	89	NM	NM	0	0
Rhode Island	9	8	13.0%	0	0	9	8	0	0	0	0
Vermont	56	40	40.2%	32	18	24	22	NM	NM	0	0
Middle Atlantic	1,383	1,258	9.9%	6	NM	1,252	1,159	57	51	69	43
New Jersey	145	134	8.7%	6	NM	115	108	24	21	NM	NM
New York	624	575	8.5%	0	0	584	543	21	19	20	13
Pennsylvania	614	550	11.7%	0	0	553	509	12	11	49	30
East North Central	2,626	2,509	4.7%	254	267	2,238	2,084	19	19	115	138
Illinois	1,159	1,136	2.0%	NM	NM	1,157	1,135	0	0	0	0
Indiana	423	423	-0.2%	19	23	400	397	NM	NM	NM	NM
Michigan	563	452	24.5%	96	100	404	281	15	16	48	55
Ohio	177	175	1.0%	NM	NM	146	144	NM	NM	27	27
Wisconsin	304	321	-5.4%	134	139	130	127	NM	NM	39	54
West North Central	5,228	4,332	20.7%	1,602	1,344	3,577	2,961	8	8	41	20
Iowa	1,768	1,477	19.7%	984	794	781	680	NM	NM	0	0
Kansas	1,145	891	28.5%	97	91	1,048	801	0	0	0	0
Minnesota	1,098	892	23.1%	240	208	813	661	4	4	41	19
Missouri	132	116	13.8%	3	NM	129	113	0	0	NM	NM
Nebraska	229	163	40.7%	25	23	203	138	NM	NM	0	0
North Dakota	576	521	10.6%	185	161	392	360	0	0	0	NM
South Dakota	279	272	2.5%	67	63	212	209	0	0	0	0
South Atlantic	1,699	1,418	19.8%	122	57	730	595	37	30	809	736
Delaware	12	11	12.3%	NM	0	10	10	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	421	372	13.3%	24	20	222	178	NM	NM	172	171
Georgia	318	275	15.6%	0	0	48	29	NM	NM	267	244
Maryland	88	76	15.1%	NM	NM	70	68	NM	NM	13	3
North Carolina	276	221	24.9%	NM	NM	162	114	8	NM	105	106
South Carolina	193	160	20.7%	38	34	NM	NM	0	0	153	125
Virginia	243	162	50.0%	57	2	67	54	20	19	99	87
West Virginia	148	141	5.0%	0	0	148	141	0	0	0	0
East South Central	531	450	17.9%	8	8	27	30	NM	NM	495	412
Alabama	271	240	12.7%	NM	NM	16	20	0	0	255	220
Kentucky	41	28	49.3%	8	8	0	0	0	0	34	20
Mississippi	128	114	12.0%	0	0	0	0	0	0	128	114
Tennessee	90	67	33.8%	0	0	11	10	NM	NM	78	57
West South Central	5,770	5,278	9.3%	216	181	5,123	4,700	NM	NM	428	394
Arkansas	136	135	0.6%	0	0	8	8	NM	NM	128	126
Louisiana	200	172	16.1%	0	0	5	NM	0	0	195	167
Oklahoma	1,278	1,065	20.0%	188	159	1,063	881	0	0	26	25
Texas	4,157	3,907	6.4%	28	23	4,047	3,806	NM	NM	80	75
Mountain	2,845	2,302	23.6%	310	257	2,491	2,001	10	NM	34	34
Arizona	351	230	52.7%	35	25	314	202	NM	NM	0	0
Colorado	787	589	33.7%	18	6	765	578	NM	NM	NM	NM
Idaho	349	340	2.6%	16	13	300	294	0	0	33	34
Montana	196	80	144.5%	24	8	173	73	0	0	0	0
Nevada	345	329	4.8%	0	0	342	325	NM	NM	NM	NM
New Mexico	301	266	13.4%	10	NM	291	259	NM	NM	0	0
Utah	100	63	59.1%	20	18	80	45	0	0	0	0
Wyoming	414	405	2.3%	187	181	227	225	0	0	0	0
Pacific Contiguous	5,557	5,382	3.2%	794	843	4,455	4,266	95	83	213	191
California	3,840	3,333	15.2%	250	205	3,436	2,989	93	81	61	59
Oregon	804	1,034	-22.2%	134	184	623	808	NM	NM	45	40
Washington	912	1,015	-10.1%	409	455	396	469	0	0	107	92
Pacific Noncontiguous	143	99	44.4%	12	11	106	64	16	15	8	9
Alaska	17	16	8.5%	11	10	NM	5	0	0	0	NM
Hawaii	126	83	51.2%	1	1	101	58	16	15	8	9
U.S. Total	26,540	23,693	12.0%	3,370	3,011	20,540	18,334	262	232	2,368	2,115

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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.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.14.B. Net Generation from Renewable Sources Excluding Hydroelectric

by State, by Sector, Year-to-Date through April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	3,383	3,146	7.5%	313	271	2,317	2,102	62	51	691	723
Connecticut	249	215	15.9%	0	0	249	215	0	0	0	0
Maine	1,497	1,468	2.0%	0	0	965	892	38	34	494	542
Massachusetts	710	651	9.0%	28	26	472	439	12	6	198	181
New Hampshire	615	553	11.1%	106	112	498	431	10	10	0	0
Rhode Island	34	31	9.0%	0	0	34	31	0	0	0	0
Vermont	278	228	22.3%	178	133	99	93	NM	NM	0	0
Middle Atlantic	5,224	4,759	9.8%	15	15	4,729	4,321	195	198	285	225
New Jersey	475	465	2.1%	15	15	383	371	76	78	NM	NM
New York	2,414	2,095	15.2%	0	0	2,243	1,936	79	79	92	80
Pennsylvania	2,336	2,199	6.2%	0	0	2,103	2,014	41	41	192	144
East North Central	10,419	9,595	8.6%	1,010	953	8,800	7,998	64	57	545	586
Illinois	4,590	4,299	6.8%	NM	6	4,583	4,293	NM	NM	0	0
Indiana	1,497	1,562	-4.2%	72	90	1,412	1,458	7	NM	6	NM
Michigan	2,391	1,796	33.2%	375	357	1,732	1,149	50	43	233	246
Ohio	680	721	-5.6%	13	12	552	596	NM	NM	114	112
Wisconsin	1,261	1,217	3.6%	544	488	521	503	5	NM	191	221
West North Central	20,023	16,645	20.3%	6,134	5,348	13,674	11,098	40	30	174	169
Iowa	6,709	5,968	12.4%	3,698	3,338	2,994	2,620	9	9	7	1
Kansas	4,013	3,109	29.1%	338	271	3,675	2,839	0	0	0	0
Minnesota	4,307	3,524	22.2%	939	802	3,188	2,543	16	15	164	164
Missouri	509	491	3.8%	13	13	485	477	10	0	NM	NM
Nebraska	851	633	34.5%	96	93	749	534	5	NM	0	0
North Dakota	2,505	1,945	28.8%	786	611	1,718	1,331	0	0	NM	NM
South Dakota	1,129	976	15.7%	265	221	864	755	0	0	0	0
South Atlantic	6,853	5,975	14.7%	566	329	2,937	2,488	133	112	3,216	3,046
Delaware	39	36	7.5%	NM	0	34	34	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,672	1,525	9.7%	87	78	916	747	12	12	658	687
Georgia	1,305	1,084	20.4%	0	0	209	85	10	10	1,086	989
Maryland	343	332	3.5%	NM	NM	270	273	15	15	55	41
North Carolina	1,006	940	7.0%	NM	NM	570	482	23	NM	411	455
South Carolina	735	652	12.7%	148	141	8	6	0	0	579	504
Virginia	1,109	761	45.7%	323	105	287	215	71	71	428	371
West Virginia	643	646	-0.4%	0	0	643	646	0	0	0	0
East South Central	2,043	1,978	3.3%	31	31	104	101	NM	NM	1,908	1,845
Alabama	1,012	1,054	-4.0%	NM	NM	64	67	0	0	948	987
Kentucky	168	112	50.0%	30	30	0	0	0	0	139	82
Mississippi	518	478	8.3%	1	0	0	0	0	0	517	478
Tennessee	345	334	3.5%	0	0	40	35	NM	NM	304	298
West South Central	20,591	18,811	9.5%	737	643	18,154	16,403	14	15	1,686	1,750
Arkansas	520	557	-6.6%	0	0	31	32	NM	NM	488	523
Louisiana	816	817	-0.1%	0	0	19	19	0	0	797	797
Oklahoma	4,447	3,676	21.0%	631	541	3,711	3,025	0	0	105	110
Texas	14,808	13,761	7.6%	106	101	14,393	13,327	13	13	296	320
Mountain	10,998	9,560	15.0%	1,322	1,115	9,523	8,289	26	26	127	130
Arizona	1,121	749	49.7%	103	73	1,010	670	7	NM	0	0
Colorado	2,907	2,732	6.4%	74	31	2,824	2,692	9	NM	NM	NM
Idaho	1,343	1,166	15.2%	65	45	1,152	993	0	0	125	128
Montana	807	610	32.3%	98	36	709	574	0	0	0	0
Nevada	1,331	1,266	5.2%	0	0	1,322	1,254	9	NM	NM	NM
New Mexico	1,081	986	9.7%	27	18	1,053	967	NM	NM	0	0
Utah	418	258	62.0%	93	85	325	174	0	0	0	0
Wyoming	1,989	1,792	11.0%	861	827	1,128	965	0	0	0	0
Pacific Contiguous	18,368	17,354	5.8%	2,581	2,623	14,599	13,514	366	359	822	858
California	12,568	11,093	13.3%	782	669	11,188	9,812	358	351	240	260
Oregon	2,738	2,974	-7.9%	413	488	2,137	2,294	7	NM	181	185
Washington	3,061	3,287	-6.9%	1,386	1,466	1,275	1,408	0	0	401	412
Pacific Noncontiguous	459	398	15.3%	50	43	315	259	61	59	33	36
Alaska	66	56	17.4%	44	35	22	20	0	0	0	NM
Hawaii	394	342	15.0%	6	8	293	240	61	59	33	36
U.S. Total	98,362	88,221	11.5%	12,758	11,370	75,153	66,573	963	909	9,487	9,368

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	-37	-29	26.0%	0	0	-37	-29	0	0	0	0
Connecticut	0	-1	-93.1%	0	0	0	-1	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-37	-28	32.0%	0	0	-37	-28	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	-63	-70	-9.9%	-23	-40	-40	-31	0	0	0	0
New Jersey	-12	-9	28.5%	-12	-9	0	0	0	0	0	0
New York	-12	-30	-61.6%	-12	-30	0	0	0	0	0	0
Pennsylvania	-40	-31	29.8%	0	0	-40	-31	0	0	0	0
East North Central	-35	-65	-46.0%	-35	-65	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	-35	-65	-46.0%	-35	-65	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	5	64	-92.8%	5	64	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	5	64	-92.8%	5	64	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-138	-168	-18.1%	-138	-168	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	-12	-45	-72.0%	-12	-45	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	-61	-47	30.8%	-61	-47	0	0	0	0	0	0
Virginia	-65	-77	-16.3%	-65	-77	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-31	0	--	-31	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	-31	0	--	-31	0	0	0	0	0	0	0
West South Central	0	-1	-103.7%	0	-1	0	0	0	0	0	0
Arkansas	10	4	145.2%	10	4	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-10	-6	82.8%	-10	-6	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-9	-17	-46.5%	-9	-17	0	0	0	0	0	0
Arizona	-3	3	-205.1%	-3	3	0	0	0	0	0	0
Colorado	-6	-20	-70.7%	-6	-20	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	-53	-1	NM	-53	-1	0	0	0	0	0	0
California	-53	0	NM	-53	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	-1	0	44.3%	-1	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-362	-288	25.6%	-285	-228	-77	-60	0	0	0	0

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	-147	-52	184.5%	0	0	-147	-52	0	0	0	0
Connecticut	-4	-7	-49.6%	0	0	-4	-7	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-144	-45	220.7%	0	0	-144	-45	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	-310	-325	-4.7%	-158	-193	-152	-132	0	0	0	0
New Jersey	-71	-52	35.9%	-71	-52	0	0	0	0	0	0
New York	-88	-141	-37.9%	-88	-141	0	0	0	0	0	0
Pennsylvania	-152	-132	14.8%	0	0	-152	-132	0	0	0	0
East North Central	-202	-234	-13.8%	-202	-234	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	-202	-234	-13.8%	-202	-234	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	3	92	-96.7%	3	92	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	3	92	-96.7%	3	92	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-557	-761	-26.8%	-557	-761	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	-35	-197	-82.0%	-35	-197	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	-196	-180	9.5%	-196	-180	0	0	0	0	0	0
Virginia	-325	-384	-15.4%	-325	-384	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-85	-21	308.4%	-85	-21	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	-85	-21	308.4%	-85	-21	0	0	0	0	0	0
West South Central	-8	-22	-61.7%	-8	-22	0	0	0	0	0	0
Arkansas	29	7	330.8%	29	7	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-37	-29	29.4%	-37	-29	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-47	-85	-44.4%	-47	-85	0	0	0	0	0	0
Arizona	-11	2	-554.9%	-11	2	0	0	0	0	0	0
Colorado	-36	-88	-58.8%	-36	-88	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	-88	-51	71.7%	-88	-51	0	0	0	0	0	0
California	-86	-58	48.7%	-86	-58	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	-2	6	-137.8%	-2	6	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-1,442	-1,459	-1.2%	-1,143	-1,275	-299	-184	0	0	0	0

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	153	178	-14.1%	0	0	135	162	8	NM	9	NM
Connecticut	46	67	-31.0%	0	0	46	67	0	0	0	0
Maine	24	26	-6.0%	0	0	9	12	8	NM	7	NM
Massachusetts	77	79	-2.5%	0	0	75	77	0	0	2	2
New Hampshire	5	6	-13.1%	0	0	5	6	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	197	193	1.9%	0	0	156	156	41	37	0	0
New Jersey	43	44	-1.4%	0	0	31	33	12	11	0	0
New York	79	78	1.5%	0	0	60	61	19	NM	0	0
Pennsylvania	74	71	4.4%	0	0	64	62	10	9	0	0
East North Central	108	91	18.4%	11	4	12	13	16	16	69	58
Illinois	21	NM	NM	0	0	0	0	0	0	21	NM
Indiana	39	35	8.9%	7	1	0	0	NM	NM	30	33
Michigan	43	29	50.6%	2	0	12	13	14	15	14	1
Ohio	1	1	52.8%	0	0	0	0	0	0	1	1
Wisconsin	3	NM	NM	2	3	0	0	0	0	NM	NM
West North Central	40	42	-5.0%	22	23	12	13	NM	NM	NM	NM
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	36	35	1.4%	17	16	12	13	NM	NM	NM	NM
Missouri	0	2	-81.9%	0	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	5	NM	NM	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	306	299	2.1%	0	0	159	161	18	17	129	121
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	220	220	0.1%	0	0	104	109	0	0	116	111
Georgia	9	5	71.2%	0	0	0	0	0	0	9	5
Maryland	25	24	1.5%	0	0	25	24	NM	NM	0	0
North Carolina	11	NM	NM	0	0	11	NM	0	0	0	0
South Carolina	4	4	-14.6%	0	0	0	0	0	0	4	4
Virginia	37	34	11.4%	0	0	20	16	18	17	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	1	-89.4%	0	1	0	0	0	0	0	NM
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	0	1	-100.0%	0	1	0	0	0	0	0	0
Mississippi	0	NM	NM	0	0	0	0	0	0	0	NM
Tennessee	0	0	123.4%	0	0	0	0	0	0	0	0
West South Central	50	72	-29.9%	0	0	0	0	0	0	50	72
Arkansas	1	2	-46.7%	0	0	0	0	0	0	1	2
Louisiana	18	35	-48.2%	0	0	0	0	0	0	18	35
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	29	33	-9.3%	0	0	0	0	0	0	29	33
Mountain	35	42	-17.0%	NM	NM	14	29	0	0	20	13
Arizona	0	1	-100.0%	0	0	0	1	0	0	0	0
Colorado	NM	NM	NM	0	0	NM	NM	0	0	NM	NM
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	12	27	-55.3%	0	0	12	27	0	0	0	0
Nevada	NM	NM	NM	NM	NM	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	17	10	62.1%	0	0	NM	NM	0	0	16	10
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	55	40	38.5%	0	0	23	22	0	0	32	18
California	41	25	62.4%	0	0	14	12	0	0	27	NM
Oregon	NM	4	NM	0	0	NM	4	0	0	0	0
Washington	11	11	-0.2%	0	0	6	6	0	0	5	5
Pacific Noncontiguous	16	14	10.6%	0	0	1	0	15	14	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	16	14	10.6%	0	0	1	0	15	14	0	0
U.S. Total	960	973	-1.3%	34	28	511	555	100	94	314	295

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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.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	608	660	-7.8%	0	0	542	593	30	31	36	36
Connecticut	194	240	-19.2%	0	0	194	240	0	0	0	0
Maine	106	114	-6.6%	0	0	50	54	30	31	27	29
Massachusetts	287	284	1.2%	0	0	278	277	0	0	9	7
New Hampshire	20	22	-6.3%	0	0	20	22	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	717	748	-4.0%	0	0	569	592	149	155	0	0
New Jersey	161	167	-3.6%	0	0	114	118	47	49	0	0
New York	297	294	1.0%	0	0	227	221	70	73	0	0
Pennsylvania	259	286	-9.5%	0	0	227	253	33	34	0	0
East North Central	329	359	-8.4%	39	44	52	50	51	46	186	218
Illinois	77	85	-8.8%	0	0	0	0	0	0	77	85
Indiana	108	145	-25.5%	29	30	0	0	6	NM	73	109
Michigan	122	99	23.1%	4	3	52	50	45	40	21	6
Ohio	4	4	-0.6%	0	0	0	0	0	0	4	4
Wisconsin	16	25	-34.0%	6	11	0	0	0	0	10	13
West North Central	144	154	-6.1%	73	77	46	48	10	11	16	17
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	122	128	-4.7%	51	52	46	48	10	11	16	17
Missouri	5	7	-23.6%	5	7	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	17	19	-9.4%	17	19	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,208	1,284	-5.9%	0	0	659	686	62	63	487	535
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	879	958	-8.2%	0	0	435	471	0	0	444	486
Georgia	29	20	39.7%	0	0	0	0	0	0	29	20
Maryland	95	95	-0.1%	0	0	95	95	NM	NM	0	0
North Carolina	45	49	-9.2%	0	0	45	49	0	0	0	0
South Carolina	15	28	-47.3%	0	0	0	0	0	0	15	28
Virginia	147	134	9.7%	0	0	84	71	62	63	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	1	6	-90.9%	0	5	0	0	0	0	1	1
Alabama	0	0	-60.9%	0	0	0	0	0	0	0	0
Kentucky	0	5	-100.0%	0	5	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	0	0	48.2%	0	0	0	0	0	0	0	0
West South Central	288	288	-0.1%	0	0	0	0	0	0	288	288
Arkansas	4	9	-54.3%	0	0	0	0	0	0	4	9
Louisiana	157	138	13.9%	0	0	0	0	0	0	157	138
Oklahoma	6	NM	NM	0	0	0	0	0	0	6	NM
Texas	120	134	-9.9%	0	0	0	0	0	0	120	134
Mountain	175	190	-8.1%	NM	4	97	123	0	0	73	63
Arizona	0	3	-100.0%	0	0	0	3	0	0	0	0
Colorado	17	17	-2.5%	0	0	NM	4	0	0	13	13
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	91	114	-19.9%	0	0	91	114	0	0	0	0
Nevada	NM	4	NM	NM	4	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	62	51	21.3%	0	0	NM	NM	0	0	60	49
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	227	205	10.4%	0	0	87	92	0	0	139	114
California	164	147	11.5%	0	0	52	54	0	0	112	93
Oregon	13	14	-6.0%	0	0	13	14	0	0	0	0
Washington	50	44	11.9%	0	0	23	24	0	0	27	21
Pacific Noncontiguous	62	57	8.1%	0	0	3	0	59	57	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	62	57	8.1%	0	0	3	0	59	57	0	0
U.S. Total	3,759	3,950	-4.8%	117	130	2,054	2,185	361	363	1,226	1,271

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	199	178	11.9%	27	14	168	162	NM	NM	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	103	98	5.1%	0	0	103	98	0	0	0	0
Massachusetts	22	19	17.2%	6	6	12	11	NM	NM	0	0
New Hampshire	41	40	1.5%	0	0	41	40	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	33	20	61.3%	21	8	12	12	0	0	0	0
Middle Atlantic	846	771	9.8%	0	0	845	770	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	444	406	9.5%	0	0	443	405	0	0	NM	NM
Pennsylvania	400	363	10.2%	0	0	400	363	0	0	0	0
East North Central	2,190	2,034	7.7%	215	217	1,973	1,815	NM	NM	NM	NM
Illinois	1,100	1,078	2.0%	NM	NM	1,099	1,077	0	0	0	0
Indiana	388	397	-2.2%	0	0	388	396	NM	NM	0	0
Michigan	387	262	47.9%	96	100	291	162	0	0	0	0
Ohio	135	111	21.2%	NM	NM	130	108	0	0	NM	NM
Wisconsin	180	186	-3.1%	115	113	66	73	0	0	0	0
West North Central	5,047	4,178	20.8%	1,559	1,303	3,485	2,871	3	3	0	0
Iowa	1,757	1,465	19.9%	982	792	774	673	NM	NM	0	0
Kansas	1,140	887	28.6%	97	91	1,043	796	0	0	0	0
Minnesota	944	764	23.6%	207	177	735	585	NM	3	0	0
Missouri	127	111	14.0%	0	0	127	111	0	0	0	0
Nebraska	224	158	42.0%	21	19	203	138	0	0	0	0
North Dakota	576	521	10.7%	185	161	392	360	0	0	0	0
South Dakota	279	272	2.5%	67	63	212	209	0	0	0	0
South Atlantic	179	175	2.4%	0	0	179	175	NM	NM	0	0
Delaware	NM	NM	NM	0	0	0	0	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	31	34	-8.2%	0	0	31	34	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	147	140	5.0%	0	0	147	140	0	0	0	0
East South Central	6	5	16.8%	0	0	6	5	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	6	5	16.8%	0	0	6	5	0	0	0	0
West South Central	5,251	4,803	9.3%	216	181	5,036	4,622	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1,251	1,040	20.4%	188	159	1,063	881	0	0	0	0
Texas	4,000	3,764	6.3%	28	23	3,972	3,741	0	0	0	0
Mountain	2,068	1,676	23.4%	245	208	1,821	1,467	NM	NM	NM	NM
Arizona	58	55	6.0%	0	0	58	55	0	0	0	0
Colorado	763	565	35.1%	18	6	744	557	NM	NM	NM	NM
Idaho	299	288	3.9%	16	13	283	275	0	0	0	0
Montana	196	80	144.5%	24	8	173	73	0	0	0	0
Nevada	26	25	6.2%	0	0	26	25	0	0	0	0
New Mexico	256	224	13.9%	0	0	255	224	NM	NM	0	0
Utah	55	34	62.1%	0	0	55	34	0	0	0	0
Wyoming	414	405	2.3%	187	181	227	225	0	0	0	0
Pacific Contiguous	2,870	3,428	-16.3%	626	703	2,244	2,725	NM	NM	NM	NM
California	1,386	1,585	-12.6%	117	97	1,269	1,488	NM	NM	NM	NM
Oregon	715	953	-25.0%	128	178	587	776	0	0	0	0
Washington	770	890	-13.5%	381	428	388	462	0	0	0	0
Pacific Noncontiguous	89	46	92.9%	11	10	78	36	0	0	0	0
Alaska	17	15	10.0%	11	10	NM	5	0	0	0	0
Hawaii	72	31	134.7%	0	0	72	31	0	0	0	0
U.S. Total	18,747	17,294	8.4%	2,899	2,636	15,834	14,648	10	7	NM	NM

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	818	699	17.1%	95	61	711	633	12	5	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	442	393	12.5%	0	0	442	393	0	0	0	0
Massachusetts	86	72	18.2%	24	23	49	45	12	5	0	0
New Hampshire	170	148	15.0%	0	0	170	148	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	119	85	41.3%	71	39	49	46	0	0	0	0
Middle Atlantic	3,219	2,874	12.0%	0	0	3,215	2,870	0	0	NM	NM
New Jersey	NM	5	NM	0	0	NM	5	0	0	0	0
New York	1,671	1,432	16.7%	0	0	1,667	1,429	0	0	NM	NM
Pennsylvania	1,542	1,436	7.4%	0	0	1,542	1,436	0	0	0	0
East North Central	8,534	7,663	11.4%	843	770	7,680	6,888	NM	NM	11	4
Illinois	4,375	4,080	7.2%	NM	6	4,369	4,074	0	0	0	0
Indiana	1,378	1,458	-5.5%	0	0	1,377	1,457	NM	NM	0	0
Michigan	1,554	994	56.3%	375	357	1,178	637	0	0	0	0
Ohio	513	469	9.4%	6	6	496	458	0	0	11	4
Wisconsin	714	662	7.8%	455	401	259	261	0	0	0	0
West North Central	19,305	15,939	21.1%	5,970	5,188	13,322	10,740	13	12	0	0
Iowa	6,658	5,923	12.4%	3,689	3,329	2,968	2,593	NM	NM	0	0
Kansas	3,996	3,091	29.3%	338	271	3,658	2,821	0	0	0	0
Minnesota	3,710	2,925	26.8%	810	678	2,888	2,236	12	11	0	0
Missouri	478	470	1.6%	0	0	478	470	0	0	0	0
Nebraska	831	612	35.7%	82	78	749	534	0	0	0	0
North Dakota	2,504	1,942	28.9%	786	611	1,718	1,331	0	0	0	0
South Dakota	1,129	976	15.7%	265	221	864	755	0	0	0	0
South Atlantic	770	787	-2.1%	0	0	769	785	NM	NM	0	0
Delaware	NM	NM	NM	0	0	0	0	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	129	143	-9.7%	0	0	129	143	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	640	642	-0.4%	0	0	640	642	0	0	0	0
East South Central	23	19	23.4%	0	0	23	19	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	23	19	23.4%	0	0	23	19	0	0	0	0
West South Central	18,554	16,765	10.7%	737	643	17,816	16,123	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	4,342	3,566	21.8%	631	541	3,711	3,025	0	0	0	0
Texas	14,212	13,199	7.7%	106	101	14,106	13,098	0	0	0	0
Mountain	8,219	7,258	13.2%	1,095	938	7,119	6,315	NM	NM	NM	NM
Arizona	167	176	-4.9%	0	0	167	176	0	0	0	0
Colorado	2,831	2,653	6.7%	71	30	2,757	2,619	NM	NM	NM	NM
Idaho	1,152	961	19.9%	65	45	1,086	915	0	0	0	0
Montana	807	610	32.3%	98	36	709	574	0	0	0	0
Nevada	98	79	23.9%	0	0	98	79	0	0	0	0
New Mexico	950	860	10.4%	0	0	948	859	NM	NM	0	0
Utah	225	128	76.3%	0	0	225	128	0	0	0	0
Wyoming	1,989	1,792	11.0%	861	827	1,128	965	0	0	0	0
Pacific Contiguous	8,827	9,269	-4.8%	1,962	2,030	6,863	7,237	NM	NM	NM	NM
California	3,955	3,947	0.2%	306	229	3,646	3,715	NM	NM	NM	NM
Oregon	2,360	2,607	-9.5%	390	465	1,970	2,142	0	0	0	0
Washington	2,512	2,715	-7.5%	1,266	1,335	1,246	1,380	0	0	0	0
Pacific Noncontiguous	248	204	21.2%	44	35	204	169	0	0	0	0
Alaska	66	55	19.3%	44	35	22	20	0	0	0	0
Hawaii	182	149	21.9%	0	0	182	149	0	0	0	0
U.S. Total	68,516	61,477	11.5%	10,747	9,665	57,722	51,778	32	23	17	10

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	533	476	12.1%	17	22	348	304	13	11	156	139
Connecticut	54	57	-4.9%	0	0	54	57	0	0	0	0
Maine	222	194	14.5%	0	0	99	85	10	8	113	101
Massachusetts	142	136	4.7%	0	0	100	98	0	0	42	38
New Hampshire	87	64	37.0%	6	13	78	48	NM	NM	0	0
Rhode Island	8	8	0.3%	0	0	8	8	0	0	0	0
Vermont	20	18	12.5%	11	10	NM	NM	NM	NM	0	0
Middle Atlantic	457	425	7.6%	0	0	345	342	45	41	67	41
New Jersey	81	82	-0.4%	0	0	69	71	12	11	0	0
New York	171	163	4.7%	0	0	132	132	21	19	19	12
Pennsylvania	204	180	13.8%	0	0	145	140	12	11	48	29
East North Central	408	463	-12.0%	38	49	239	258	18	19	112	137
Illinois	51	52	-2.8%	0	0	51	52	0	0	0	0
Indiana	22	27	-16.6%	19	23	0	0	NM	NM	NM	NM
Michigan	176	191	-7.7%	0	0	113	119	15	16	48	55
Ohio	35	59	-39.9%	NM	NM	11	32	0	0	24	26
Wisconsin	124	135	-8.5%	19	25	64	54	NM	NM	39	54
West North Central	180	154	16.6%	43	41	91	90	4	5	41	20
Iowa	12	11	1.7%	2	NM	7	7	NM	NM	0	0
Kansas	5	NM	NM	0	0	5	NM	0	0	0	0
Minnesota	153	127	20.5%	34	31	78	76	NM	NM	41	19
Missouri	5	5	-1.5%	3	NM	2	NM	0	0	NM	NM
Nebraska	5	5	-0.6%	4	NM	0	0	NM	NM	0	0
North Dakota	0	NM	NM	0	0	0	0	0	0	0	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,407	1,186	18.7%	104	42	466	381	28	27	809	736
Delaware	5	NM	NM	0	0	5	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	398	352	13.3%	9	6	215	171	NM	NM	172	171
Georgia	305	274	11.3%	0	0	36	29	NM	NM	267	244
Maryland	46	36	27.9%	0	0	30	30	NM	NM	13	3
North Carolina	216	195	10.5%	0	0	111	90	0	0	105	106
South Carolina	193	160	20.4%	38	34	NM	NM	0	0	153	125
Virginia	243	162	50.0%	57	2	67	54	20	19	99	87
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	521	442	17.9%	8	8	18	22	0	0	495	412
Alabama	271	240	12.7%	NM	NM	16	20	0	0	255	220
Kentucky	41	28	49.3%	8	8	0	0	0	0	34	20
Mississippi	128	114	12.0%	0	0	0	0	0	0	128	114
Tennessee	80	59	35.9%	0	0	2	NM	0	0	78	57
West South Central	493	461	6.9%	0	0	62	64	NM	NM	428	394
Arkansas	136	135	0.6%	0	0	8	8	NM	NM	128	126
Louisiana	200	172	16.1%	0	0	5	NM	0	0	195	167
Oklahoma	26	25	3.8%	0	0	0	0	0	0	26	25
Texas	131	129	1.9%	0	0	49	51	NM	NM	80	75
Mountain	66	63	5.8%	3	NM	30	26	0	NM	33	34
Arizona	13	7	70.4%	2	NM	11	5	0	NM	0	0
Colorado	6	5	11.0%	1	0	5	5	0	0	0	0
Idaho	42	44	-5.0%	0	0	9	11	0	0	33	34
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	5	NM	NM	0	0	5	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	736	641	14.9%	52	51	387	325	85	75	212	190
California	523	448	16.5%	19	20	361	298	83	73	60	58
Oregon	71	67	6.5%	5	5	19	19	NM	NM	45	40
Washington	143	125	13.7%	28	26	7	7	0	0	107	92
Pacific Noncontiguous	25	25	0.4%	1	1	0	0	16	15	8	9
Alaska	0	NM	NM	0	0	0	0	0	0	0	NM
Hawaii	25	25	1.2%	1	1	0	0	16	15	8	9
U.S. Total	4,827	4,335	11.4%	266	217	1,987	1,811	212	197	2,361	2,110

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	2,502	2,417	3.5%	214	206	1,547	1,443	50	46	691	723
Connecticut	245	215	14.3%	0	0	245	215	0	0	0	0
Maine	1,055	1,075	-1.9%	0	0	523	499	38	34	494	542
Massachusetts	575	554	3.9%	0	0	377	373	NM	NM	198	181
New Hampshire	444	405	9.7%	106	112	328	283	10	10	0	0
Rhode Island	30	30	-1.5%	0	0	30	30	0	0	0	0
Vermont	152	138	9.8%	107	95	44	43	NM	NM	0	0
Middle Atlantic	1,793	1,704	5.2%	0	0	1,347	1,314	168	172	278	218
New Jersey	307	314	-2.3%	0	0	258	263	50	52	0	0
New York	717	646	11.0%	0	0	551	491	79	79	88	76
Pennsylvania	768	743	3.3%	0	0	538	560	40	41	190	142
East North Central	1,810	1,897	-4.6%	162	179	1,051	1,081	62	56	534	582
Illinois	193	202	-4.2%	0	0	193	202	NM	NM	0	0
Indiana	85	103	-18.0%	72	90	0	0	7	NM	6	NM
Michigan	837	801	4.5%	0	0	554	512	50	43	233	246
Ohio	147	236	-37.6%	NM	NM	41	126	0	0	104	107
Wisconsin	547	555	-1.4%	89	87	263	241	5	NM	191	221
West North Central	716	705	1.5%	165	160	350	357	28	19	174	169
Iowa	51	46	11.6%	9	9	27	27	8	NM	7	1
Kansas	18	18	-1.3%	0	0	18	18	0	0	0	0
Minnesota	596	598	-0.4%	129	124	299	305	NM	NM	164	164
Missouri	31	21	45.0%	13	13	7	7	10	0	NM	NM
Nebraska	20	20	-2.2%	14	14	0	0	5	NM	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	5,740	5,009	14.6%	504	274	1,916	1,584	104	105	3,216	3,046
Delaware	19	19	-1.2%	0	0	19	19	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,599	1,455	9.9%	33	28	897	728	11	12	658	687
Georgia	1,271	1,082	17.4%	0	0	176	84	9	9	1,086	989
Maryland	184	171	7.6%	0	0	116	116	13	14	55	41
North Carolina	822	866	-5.0%	0	0	411	411	0	0	411	455
South Carolina	733	652	12.5%	148	141	6	6	0	0	579	504
Virginia	1,109	761	45.7%	323	105	287	215	71	71	428	371
West Virginia	3	NM	NM	0	0	3	NM	0	0	0	0
East South Central	2,010	1,950	3.1%	31	31	72	75	0	0	1,908	1,845
Alabama	1,012	1,054	-4.0%	NM	NM	64	67	0	0	948	987
Kentucky	168	112	50.0%	30	30	0	0	0	0	139	82
Mississippi	518	478	8.3%	1	0	0	0	0	0	517	478
Tennessee	312	306	1.9%	0	0	8	8	0	0	304	298
West South Central	1,962	1,999	-1.8%	0	0	263	235	13	14	1,686	1,750
Arkansas	520	557	-6.6%	0	0	31	32	NM	NM	488	523
Louisiana	816	817	-0.1%	0	0	19	19	0	0	797	797
Oklahoma	105	110	-4.7%	0	0	0	0	0	0	105	110
Texas	522	516	1.2%	0	0	214	183	12	12	296	320
Mountain	266	268	-0.6%	11	9	130	130	0	NM	125	128
Arizona	63	53	18.5%	8	8	55	44	0	NM	0	0
Colorado	22	20	7.6%	3	1	19	19	0	0	0	0
Idaho	159	172	-7.4%	0	0	34	44	0	0	125	128
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	5	NM	NM	0	0	5	NM	0	0	0	0
Utah	18	18	-1.1%	0	0	18	18	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,963	2,992	-1.0%	210	227	1,597	1,576	338	335	818	855
California	2,115	2,120	-0.3%	70	75	1,479	1,461	330	327	236	257
Oregon	299	300	-0.2%	21	21	90	87	7	NM	181	185
Washington	548	572	-4.1%	120	131	28	28	0	0	401	412
Pacific Noncontiguous	101	104	-2.9%	6	8	0	0	61	59	33	36
Alaska	0	NM	NM	0	0	0	0	0	0	0	NM
Hawaii	101	103	-2.1%	6	8	0	0	61	59	33	36
U.S. Total	19,863	19,047	4.3%	1,302	1,092	8,273	7,796	825	807	9,463	9,353

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.19.A. Net Generation from Geothermal
by State, by Sector, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	0	0	--	0	0	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	0	0	--	0	0	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	0	0	--	0	0	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	288	264	9.3%	20	18	269	246	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	8	8	-0.8%	0	0	8	8	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	238	231	3.0%	0	0	238	231	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	40	24	66.8%	20	18	21	7	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,046	1,041	0.5%	69	56	977	985	0	0	0	0
California	1,030	1,029	0.1%	69	56	961	973	0	0	0	0
Oregon	16	12	34.9%	0	0	16	12	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	24	25	-3.0%	0	0	24	25	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	24	25	-3.0%	0	0	24	25	0	0	0	0
U.S. Total	1,359	1,330	2.2%	89	74	1,270	1,256	0	0	0	0

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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
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Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.19.B. Net Generation from Geothermal

by State, by Sector, Year-to-Date through April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	0	0	--	0	0	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	0	0	--	0	0	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	0	0	--	0	0	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	1,188	1,105	7.6%	93	85	1,095	1,020	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	33	34	-3.9%	0	0	33	34	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	975	959	1.7%	0	0	975	959	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	174	112	56.2%	93	85	81	27	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	4,101	4,311	-4.9%	275	271	3,826	4,040	0	0	0	0
California	4,029	4,249	-5.2%	275	271	3,754	3,979	0	0	0	0
Oregon	72	61	18.2%	0	0	72	61	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	98	82	19.4%	0	0	98	82	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	98	82	19.4%	0	0	98	82	0	0	0	0
U.S. Total	5,388	5,498	-2.0%	368	355	5,020	5,143	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.20.A. Net Generation from Solar
by State, by Sector, April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	26	NM	NM	NM	NM	24	NM	NM	NM	0	0
Connecticut	NM	0	--	0	0	NM	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	21	NM	NM	NM	NM	19	NM	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	0	--	0	0	NM	0	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	80	63	27.5%	6	NM	61	47	12	NM	NM	NM
New Jersey	62	50	24.3%	6	NM	45	35	12	NM	NM	NM
New York	9	6	45.3%	0	0	9	6	0	0	0	0
Pennsylvania	9	NM	NM	0	0	8	NM	NM	NM	NM	NM
East North Central	28	NM	NM	NM	NM	26	NM	NM	NM	0	0
Illinois	7	NM	NM	0	0	7	NM	0	0	0	0
Indiana	13	NM	NM	0	0	13	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	7	NM	NM	NM	NM	5	NM	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	NM	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	0	0	0	0
Missouri	NM	0	--	0	0	NM	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	112	57	97.1%	18	15	85	40	9	NM	0	0
Delaware	6	NM	NM	NM	0	NM	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	23	20	13.7%	15	14	7	NM	NM	NM	0	0
Georgia	13	NM	NM	0	0	12	NM	NM	NM	0	0
Maryland	11	NM	NM	NM	NM	9	NM	NM	NM	0	0
North Carolina	60	25	136.6%	NM	NM	51	24	8	NM	0	0
South Carolina	NM	0	--	0	0	NM	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
West South Central	26	14	82.2%	0	0	26	14	NM	NM	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	26	14	82.2%	0	0	26	14	NM	NM	0	0
Mountain	422	300	40.8%	43	30	371	262	8	NM	NM	NM
Arizona	280	168	67.1%	33	23	245	143	NM	NM	0	0
Colorado	18	18	-2.4%	0	0	16	16	NM	NM	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	81	73	10.0%	0	0	77	69	NM	NM	NM	NM
New Mexico	43	40	6.8%	10	NM	33	34	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	904	272	231.9%	46	33	847	231	10	NM	NM	NM
California	902	270	233.5%	46	32	846	230	10	NM	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	11.2%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	0	0	NM	NM	0	0	0	0
U.S. Total	1,607	734	119.0%	116	85	1,448	619	40	28	NM	NM

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.20.B. Net Generation from Solar

by State, by Sector, Year-to-Date through April 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	63	30	111.6%	NM	NM	59	26	NM	NM	0	0
Connecticut	NM	0	--	0	0	NM	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	49	25	96.0%	NM	NM	45	21	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	0	--	0	0	NM	0	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	213	181	17.5%	15	15	168	137	27	26	NM	NM
New Jersey	162	145	11.8%	15	15	120	103	26	26	NM	NM
New York	26	16	56.4%	0	0	26	16	0	0	0	0
Pennsylvania	25	20	27.5%	0	0	22	17	NM	NM	NM	NM
East North Central	75	34	117.9%	NM	NM	69	29	NM	NM	0	0
Illinois	21	17	21.3%	0	0	21	17	0	0	0	0
Indiana	34	NM	NM	0	0	34	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	20	16	23.8%	NM	NM	14	NM	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	NM	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	0	0	0	0
Missouri	NM	0	--	0	0	NM	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	342	179	90.6%	62	55	252	119	27	NM	0	0
Delaware	18	15	19.5%	NM	0	15	15	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	73	69	5.6%	53	51	19	18	NM	NM	0	0
Georgia	34	NM	NM	0	0	33	NM	NM	NM	0	0
Maryland	31	19	66.2%	NM	NM	25	14	NM	NM	0	0
North Carolina	184	75	146.2%	NM	NM	159	71	23	NM	0	0
South Carolina	NM	0	--	0	0	NM	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	10	NM	NM	0	0	9	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	10	NM	NM	0	0	9	NM	NM	NM	0	0
West South Central	75	46	62.8%	0	0	74	45	NM	NM	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	75	46	62.8%	0	0	74	45	NM	NM	0	0
Mountain	1,324	929	42.6%	123	83	1,179	823	22	22	NM	NM
Arizona	891	520	71.4%	96	65	788	450	7	NM	0	0
Colorado	54	59	-9.3%	0	0	48	54	NM	NM	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	258	227	13.4%	0	0	248	215	9	NM	NM	NM
New Mexico	121	121	-0.3%	27	18	94	103	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,477	782	216.7%	134	96	2,313	661	27	23	NM	NM
California	2,470	776	218.3%	131	94	2,309	657	27	23	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	-9.1%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	13	NM	NM	0	0	13	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	13	NM	NM	0	0	13	NM	0	0	0	0
U.S. Total	4,594	2,199	108.9%	342	257	4,139	1,857	107	79	7	NM

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.1.A. Coal: Consumption for Electricity Generation, by Sector, 2004-April 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	934,938	689,316	239,541	347	5,735
2012	825,734	615,467	205,295	307	4,665
2013	860,790	639,290	216,566	309	4,624
2012					
January	70,744	52,338	17,967	29	410
February	62,974	46,908	15,665	27	374
March	57,468	43,413	13,640	26	388
April	51,806	39,920	11,507	23	356
May	62,801	46,900	15,517	22	361
June	71,656	53,708	17,543	26	379
July	86,516	64,433	21,603	28	452
August	82,676	61,480	20,730	28	439
Sept	69,478	51,516	17,558	24	381
October	66,486	49,060	17,044	21	361
November	69,913	51,276	18,245	25	366
December	73,217	54,516	18,275	27	398
2013					
January	74,985	55,784	18,811	31	359
February	67,141	49,137	17,629	28	347
March	70,395	52,109	17,863	29	393
April	60,899	45,635	14,899	23	342
May	64,737	48,361	15,956	26	394
June	75,178	56,074	18,665	28	410
July	83,223	61,415	21,335	28	444
August	81,984	61,498	20,055	26	404
Sept	72,704	53,246	19,047	23	388
October	66,359	49,556	16,412	20	371
November	65,902	49,712	15,797	22	371
December	77,283	56,761	20,096	25	401
2014					
January	83,710	62,409	20,839	34	429
February	76,350	56,180	19,747	32	391
March	72,320	52,911	18,970	29	410
April	58,747	42,240	16,142	21	344
Year to Date					
2012	242,992	182,579	58,779	105	1,529
2013	273,420	202,666	69,203	111	1,441
2014	291,127	213,740	75,697	116	1,574
Rolling 12 Months Ending in April					
2013	856,162	635,554	215,719	312	4,577
2014	878,497	650,364	223,061	315	4,757

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.1.B. Coal: Consumption for Useful Thermal Output, by Sector, 2004-April 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	21,532	0	3,628	1,321	16,584
2012	19,333	0	2,790	1,143	15,400
2013	18,587	0	2,494	1,103	14,989
2012					
January	2,021	0	289	127	1,605
February	1,797	0	232	108	1,458
March	1,609	0	212	101	1,295
April	1,370	0	166	79	1,125
May	1,518	0	230	86	1,202
June	1,486	0	229	83	1,174
July	1,598	0	247	91	1,260
August	1,631	0	275	93	1,264
Sept	1,473	0	235	83	1,154
October	1,545	0	239	80	1,226
November	1,600	0	218	99	1,283
December	1,685	0	218	113	1,354
2013					
January	1,688	0	203	117	1,369
February	1,544	0	178	111	1,255
March	1,671	0	242	107	1,322
April	1,468	0	191	86	1,191
May	1,498	0	226	88	1,183
June	1,469	0	225	78	1,166
July	1,523	0	236	75	1,212
August	1,503	0	234	79	1,190
Sept	1,434	0	199	77	1,157
October	1,550	0	196	78	1,276
November	1,585	0	179	98	1,308
December	1,654	0	186	109	1,359
2014					
January	1,700	0	211	115	1,374
February	1,585	0	217	115	1,253
March	1,707	0	246	113	1,349
April	1,476	0	210	90	1,176
Year to Date					
2012	6,797	0	899	415	5,483
2013	6,372	0	813	421	5,137
2014	6,469	0	884	433	5,152
Rolling 12 Months Ending in April					
2013	18,908	0	2,704	1,150	15,054
2014	18,684	0	2,565	1,115	15,005

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.1.C. Coal: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-April 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	956,470	689,316	243,168	1,668	22,319
2012	845,066	615,467	208,085	1,450	20,065
2013	879,377	639,290	219,061	1,412	19,613
2012					
January	72,764	52,338	18,256	155	2,015
February	64,771	46,908	15,897	135	1,832
March	59,077	43,413	13,852	128	1,684
April	53,176	39,920	11,673	102	1,481
May	64,319	46,900	15,748	108	1,563
June	73,142	53,708	17,772	109	1,553
July	88,115	64,433	21,850	120	1,712
August	84,307	61,480	21,004	120	1,703
Sept	70,951	51,516	17,793	107	1,535
October	68,030	49,060	17,283	101	1,587
November	71,512	51,276	18,464	124	1,649
December	74,901	54,516	18,493	141	1,751
2013					
January	76,673	55,784	19,014	148	1,728
February	68,685	49,137	17,807	139	1,601
March	72,066	52,109	18,105	136	1,716
April	62,367	45,635	15,090	108	1,533
May	66,235	48,361	16,183	114	1,577
June	76,646	56,074	18,890	105	1,576
July	84,745	61,415	21,571	103	1,656
August	83,487	61,498	20,290	105	1,594
Sept	74,138	53,246	19,247	100	1,545
October	67,909	49,556	16,608	98	1,647
November	67,487	49,712	15,976	120	1,679
December	78,938	56,761	20,282	134	1,760
2014					
January	85,411	62,409	21,050	149	1,803
February	77,935	56,180	19,964	147	1,644
March	74,028	52,911	19,215	142	1,759
April	60,223	42,240	16,352	111	1,520
Year to Date					
2012	249,789	182,579	59,678	520	7,012
2013	279,792	202,666	70,016	532	6,578
2014	297,597	213,740	76,581	549	6,727
Rolling 12 Months Ending in April					
2013	875,070	635,554	218,423	1,462	19,631
2014	897,181	650,364	225,626	1,430	19,762

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.2.A. Petroleum Liquids: Consumption for Electricity Generation, by Sector, 2004-April 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	27,326	20,844	5,633	133	716
2012	22,604	17,521	4,110	272	702
2013	22,751	16,429	5,515	305	501
2012					
January	1,933	1,495	317	28	93
February	1,544	1,245	218	18	64
March	1,629	1,360	188	16	65
April	1,612	1,339	204	17	52
May	1,864	1,441	341	25	57
June	2,320	1,733	519	24	44
July	2,683	2,032	568	32	51
August	2,014	1,597	338	27	52
Sept	1,591	1,279	242	18	51
October	1,722	1,372	265	21	64
November	1,648	1,282	294	23	48
December	2,045	1,345	617	23	60
2013					
January	2,814	1,735	967	NM	59
February	1,819	1,214	536	NM	39
March	1,582	1,275	251	14	42
April	1,598	1,266	273	17	41
May	1,749	1,348	332	19	49
June	1,675	1,281	338	NM	35
July	2,706	1,848	772	42	45
August	1,775	1,422	289	19	44
Sept	1,602	1,170	381	NM	35
October	1,494	1,202	243	14	34
November	1,583	1,249	282	16	36
December	2,353	1,417	852	NM	43
2014					
January	10,375	4,600	5,466	NM	100
February	3,025	1,822	1,082	NM	54
March	3,522	1,876	1,520	NM	55
April	1,461	1,204	209	19	29
Year to Date					
2012	6,719	5,439	927	78	274
2013	7,813	5,491	2,027	115	181
2014	18,384	9,503	8,277	366	238
Rolling 12 Months Ending in April					
2013	23,699	17,572	5,210	NM	608
2014	33,321	20,441	11,765	NM	559

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.2.B. Petroleum Liquids: Consumption for Useful Thermal Output, by Sector, 2004-April 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	3,826	0	1,004	168	2,654
2012	3,097	0	992	122	1,984
2013	2,939	0	1,044	148	1,747
2012					
January	554	0	117	51	386
February	242	0	81	4	158
March	267	0	53	8	207
April	211	0	66	2	144
May	229	0	86	2	141
June	215	0	90	4	121
July	222	0	82	23	117
August	221	0	82	7	132
Sept	194	0	79	2	112
October	271	0	87	2	182
November	228	0	84	8	135
December	242	0	85	8	149
2013					
January	283	0	60	NM	199
February	256	0	79	NM	162
March	237	0	89	7	140
April	261	0	90	8	163
May	262	0	92	10	160
June	240	0	86	NM	144
July	254	0	90	18	146
August	245	0	90	9	146
Sept	207	0	94	NM	105
October	214	0	95	7	112
November	212	0	88	8	116
December	268	0	93	NM	155
2014					
January	676	0	172	NM	404
February	342	0	92	NM	215
March	338	0	105	NM	196
April	225	0	86	7	132
Year to Date					
2012	1,275	0	316	65	895
2013	1,036	0	317	55	664
2014	1,580	0	455	178	946
Rolling 12 Months Ending in April					
2013	2,858	0	993	NM	1,753
2014	3,483	0	1,183	NM	2,030

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-April 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	31,152	20,844	6,637	301	3,370
2012	25,702	17,521	5,102	394	2,685
2013	25,690	16,429	6,559	453	2,249
2012					
January	2,487	1,495	433	79	479
February	1,787	1,245	299	22	222
March	1,897	1,360	241	24	272
April	1,824	1,339	270	18	196
May	2,093	1,441	427	27	198
June	2,534	1,733	608	28	165
July	2,905	2,032	650	55	167
August	2,236	1,597	421	34	184
Sept	1,784	1,279	322	20	163
October	1,993	1,372	351	23	246
November	1,875	1,282	378	32	184
December	2,287	1,345	702	31	209
2013					
January	3,097	1,735	1,027	NM	258
February	2,075	1,214	615	NM	201
March	1,818	1,275	339	22	182
April	1,859	1,266	363	25	204
May	2,011	1,348	424	30	209
June	1,915	1,281	424	NM	179
July	2,961	1,848	862	60	191
August	2,020	1,422	379	28	190
Sept	1,810	1,170	474	NM	139
October	1,708	1,202	339	21	146
November	1,795	1,249	370	24	152
December	2,621	1,417	945	NM	198
2014					
January	11,051	4,600	5,638	NM	504
February	3,367	1,822	1,174	NM	268
March	3,860	1,876	1,625	NM	252
April	1,686	1,204	295	26	160
Year to Date					
2012	7,994	5,439	1,243	143	1,169
2013	8,849	5,491	2,344	170	845
2014	19,964	9,503	8,732	544	1,184
Rolling 12 Months Ending in April					
2013	26,557	17,572	6,203	NM	2,361
2014	36,804	20,441	12,948	NM	2,588

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.3.A. Petroleum Coke: Consumption for Electricity Generation, by Sector, 2004-April 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	5,012	3,449	1,277	1	286
2012	3,675	2,105	756	1	812
2013	4,893	3,409	798	1	684
2012					
January	476	297	92	0	87
February	363	230	77	0	56
March	226	107	61	0	58
April	212	120	37	0	55
May	255	150	51	0	55
June	280	169	53	0	58
July	307	182	62	0	63
August	338	170	87	0	80
Sept	314	180	61	0	73
October	280	156	64	0	60
November	314	175	55	0	84
December	308	170	56	0	82
2013					
January	382	253	70	0	59
February	313	220	64	0	29
March	371	236	69	0	65
April	347	217	64	0	67
May	475	361	43	0	72
June	481	348	64	0	70
July	480	337	73	0	71
August	495	332	94	0	69
Sept	452	326	62	0	65
October	408	289	67	0	52
November	309	217	61	0	30
December	378	272	69	0	36
2014					
January	446	349	55	0	42
February	376	276	56	0	44
March	439	332	57	0	50
April	313	212	55	0	46
Year to Date					
2012	1,278	754	268	0	256
2013	1,414	927	266	1	220
2014	1,575	1,169	223	1	182
Rolling 12 Months Ending in April					
2013	3,810	2,278	755	1	776
2014	5,054	3,652	755	2	645

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output, by Sector, 2004-April 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	1,080	0	112	6	962
2012	1,346	0	113	11	1,222
2013	1,144	0	109	11	1,024
2012					
January	128	0	11	1	116
February	108	0	11	1	96
March	108	0	10	1	97
April	87	0	9	0	78
May	91	0	11	0	80
June	100	0	6	0	94
July	118	0	9	1	108
August	133	0	10	1	122
Sept	116	0	9	1	105
October	117	0	9	1	107
November	122	0	9	1	112
December	118	0	10	1	107
2013					
January	143	0	10	2	131
February	127	0	9	1	117
March	105	0	10	1	94
April	104	0	10	0	93
May	51	0	9	0	42
June	57	0	6	0	50
July	70	0	9	0	61
August	67	0	10	1	56
Sept	68	0	8	1	59
October	109	0	10	1	98
November	111	0	9	1	101
December	132	0	9	1	122
2014					
January	84	0	9	2	74
February	54	0	7	1	45
March	60	0	8	2	50
April	54	0	9	2	44
Year to Date					
2012	431	0	41	4	386
2013	479	0	40	5	435
2014	252	0	32	6	213
Rolling 12 Months Ending in April					
2013	1,394	0	112	12	1,270
2014	917	0	102	13	803

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-April 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	6,092	3,449	1,388	6	1,248
2012	5,021	2,105	869	13	2,034
2013	6,037	3,409	907	12	1,708
2012					
January	605	297	103	2	203
February	470	230	88	1	152
March	335	107	72	1	155
April	299	120	46	0	133
May	346	150	61	0	135
June	380	169	59	0	152
July	426	182	72	1	171
August	471	170	97	1	203
Sept	430	180	70	1	178
October	397	156	73	1	167
November	435	175	63	1	196
December	426	170	66	1	188
2013					
January	525	253	80	2	190
February	440	220	73	2	146
March	476	236	79	2	159
April	451	217	74	0	160
May	526	361	51	0	114
June	538	348	70	0	120
July	551	337	82	0	132
August	562	332	103	2	125
Sept	520	326	69	1	124
October	517	289	76	1	150
November	420	217	71	1	131
December	511	272	79	2	158
2014					
January	530	349	64	2	116
February	429	276	63	2	89
March	499	332	65	2	100
April	368	212	64	2	90
Year to Date					
2012	1,709	754	309	4	643
2013	1,893	927	306	5	655
2014	1,827	1,169	256	7	395
Rolling 12 Months Ending in April					
2013	5,204	2,278	867	13	2,046
2014	5,971	3,652	857	14	1,448

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.
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Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
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 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.

Table 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	7,883,865	3,446,087	3,819,107	47,170	571,501
2012	9,484,710	4,101,927	4,686,260	63,116	633,407
2013	8,512,483	3,771,496	4,053,122	59,615	628,250
2012					
January	677,117	285,194	335,785	5,065	51,072
February	672,278	274,977	343,616	4,955	48,730
March	703,533	295,548	354,510	5,129	48,345
April	741,560	321,202	367,445	5,044	47,869
May	843,383	376,968	407,974	5,263	53,180
June	912,469	403,071	448,815	5,838	54,745
July	1,118,369	492,043	559,652	7,312	59,363
August	1,038,691	447,137	526,648	5,924	58,982
Sept	835,109	358,829	417,952	5,014	53,314
October	700,348	304,811	339,272	4,621	51,645
November	611,680	265,122	290,769	4,472	51,317
December	630,173	277,026	293,821	4,479	54,847
2013					
January	660,483	288,189	311,941	5,215	55,139
February	593,069	260,059	278,320	4,742	49,948
March	632,112	279,997	293,914	4,825	53,375
April	587,434	256,764	278,391	4,360	47,920
May	640,799	284,120	301,791	4,603	50,285
June	764,875	347,318	360,702	4,804	52,051
July	938,552	414,301	463,547	5,655	55,049
August	929,275	425,592	443,239	5,558	54,886
Sept	777,304	348,801	373,772	4,881	49,850
October	665,310	295,788	314,502	4,534	50,486
November	629,045	267,622	303,282	5,004	53,136
December	694,225	302,944	329,721	5,435	56,125
2014					
January	689,214	307,815	322,713	5,216	53,470
February	573,014	246,663	274,427	4,846	47,078
March	585,493	254,506	274,925	4,880	51,182
April	575,137	255,447	268,653	4,537	46,500
Year to Date					
2012	2,794,487	1,176,921	1,401,357	20,194	196,015
2013	2,473,098	1,085,009	1,162,565	19,141	206,382
2014	2,422,858	1,064,431	1,140,718	19,479	198,230
Rolling 12 Months Ending in April					
2013	9,163,320	4,010,015	4,447,468	62,064	643,774
2014	8,462,243	3,750,918	4,031,274	59,953	620,098

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 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 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.

Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	839,681	0	308,669	39,856	491,155
2012	886,103	0	322,607	47,883	515,613
2013	894,276	0	328,668	46,974	518,634
2012					
January	75,174	0	27,843	4,072	43,259
February	69,960	0	25,937	3,869	40,154
March	70,324	0	24,040	3,743	42,542
April	71,587	0	25,691	3,484	42,412
May	72,877	0	27,525	3,543	41,808
June	74,822	0	27,995	3,799	43,028
July	82,618	0	29,994	4,798	47,827
August	80,621	0	30,153	4,661	45,807
Sept	72,357	0	25,807	4,292	42,258
October	70,985	0	25,112	4,005	41,867
November	69,240	0	23,855	3,809	41,577
December	75,537	0	28,655	3,809	43,073
2013					
January	79,175	0	28,632	4,177	46,366
February	71,309	0	26,425	3,788	41,096
March	76,008	0	27,352	3,992	44,664
April	71,503	0	26,324	3,495	41,684
May	73,698	0	27,093	3,553	43,051
June	69,923	0	25,972	3,453	40,498
July	74,228	0	28,020	4,051	42,157
August	77,109	0	29,610	3,945	43,553
Sept	71,563	0	26,806	3,531	41,226
October	72,355	0	25,995	3,848	42,513
November	74,937	0	27,288	4,237	43,412
December	82,468	0	29,151	4,904	48,413
2014					
January	83,127	0	30,995	4,491	47,641
February	78,426	0	33,151	4,027	41,248
March	76,897	0	27,943	3,731	45,222
April	69,551	0	24,796	3,652	41,103
Year to Date					
2012	287,045	0	103,511	15,167	168,367
2013	297,995	0	108,733	15,453	173,810
2014	308,001	0	116,885	15,901	175,215
Rolling 12 Months Ending in April					
2013	897,052	0	327,829	48,168	521,055
2014	904,282	0	336,820	47,423	520,039

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 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 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.

Table 2.4.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	8,723,546	3,446,087	4,127,777	87,026	1,062,657
2012	10,370,812	4,101,927	5,008,867	110,999	1,149,020
2013	9,406,758	3,771,496	4,381,789	106,589	1,146,884
2012					
January	752,291	285,194	363,628	9,137	94,331
February	742,237	274,977	369,553	8,824	88,883
March	773,857	295,548	378,550	8,872	90,887
April	813,147	321,202	393,136	8,528	90,281
May	916,260	376,968	435,499	8,806	94,988
June	987,291	403,071	476,810	9,637	97,774
July	1,200,988	492,043	589,645	12,110	107,190
August	1,119,312	447,137	556,802	10,585	104,789
Sept	907,466	358,829	443,759	9,306	95,572
October	771,333	304,811	364,384	8,626	93,512
November	680,920	265,122	314,624	8,281	92,894
December	705,710	277,026	322,476	8,288	97,920
2013					
January	739,658	288,189	340,572	9,392	101,505
February	664,377	260,059	304,745	8,530	91,044
March	708,120	279,997	321,266	8,817	98,039
April	658,937	256,764	304,715	7,855	89,604
May	714,497	284,120	328,884	8,156	93,336
June	834,799	347,318	386,674	8,257	92,549
July	1,012,781	414,301	491,567	9,706	97,206
August	1,006,384	425,592	472,850	9,504	98,439
Sept	848,867	348,801	400,578	8,411	91,076
October	737,665	295,788	340,497	8,381	92,998
November	703,981	267,622	330,570	9,241	96,549
December	776,693	302,944	358,872	10,339	104,538
2014					
January	772,340	307,815	353,708	9,707	101,110
February	651,439	246,663	307,578	8,872	88,326
March	662,391	254,506	302,868	8,612	96,405
April	644,688	255,447	293,448	8,190	87,603
Year to Date					
2012	3,081,532	1,176,921	1,504,868	35,361	364,382
2013	2,771,092	1,085,009	1,271,298	34,594	380,192
2014	2,730,859	1,064,431	1,257,603	35,380	373,444
Rolling 12 Months Ending in April					
2013	10,060,373	4,010,015	4,775,297	110,232	1,164,829
2014	9,366,525	3,750,918	4,368,094	107,375	1,140,137

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 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 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.

Table 2.5.A. Landfill Gas: Consumption for Electricity Generation, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	143,844	11,250	125,848	4,081	2,665
2005	141,899	11,490	123,064	4,797	2,548
2006	160,033	16,617	136,108	6,644	664
2007	166,774	17,442	144,104	4,598	630
2008	195,777	20,465	169,547	5,235	530
2009	206,792	19,583	180,689	5,931	589
2010	218,331	19,975	192,428	5,535	393
2011	232,795	22,086	180,856	29,469	384
2012	256,376	25,193	201,965	26,672	2,545
2013	298,196	31,047	236,004	27,895	3,250
2012					
January	21,454	1,889	16,999	2,352	214
February	19,337	1,833	15,100	2,200	205
March	20,905	1,976	16,543	2,177	208
April	20,015	2,064	15,557	2,184	210
May	21,031	2,214	16,427	2,177	213
June	20,722	2,082	16,315	2,120	206
July	22,294	2,282	17,649	2,141	221
August	22,490	2,316	17,672	2,293	210
Sept	21,151	2,055	16,702	2,208	185
October	22,392	2,264	17,625	2,292	211
November	21,528	2,102	16,887	2,317	223
December	23,056	2,115	18,488	2,213	240
2013					
January	24,990	2,584	19,376	2,716	NM
February	21,769	2,232	17,024	2,234	NM
March	24,822	2,492	19,513	2,527	NM
April	22,833	2,393	18,395	1,793	251
May	25,017	2,693	20,025	2,069	NM
June	25,727	2,720	20,512	2,242	253
July	25,753	2,642	20,601	2,257	NM
August	25,255	2,678	20,060	2,270	NM
Sept	24,971	2,661	19,840	2,228	NM
October	25,321	2,631	19,887	2,513	290
November	24,535	2,529	19,307	2,406	293
December	27,202	2,791	21,463	2,639	NM
2014					
January	24,549	2,517	19,164	2,566	302
February	20,992	2,168	16,403	2,172	248
March	24,086	2,503	18,955	2,353	275
April	23,517	2,458	18,603	2,203	253
Year to Date					
2012	81,712	7,762	64,200	8,913	838
2013	94,415	9,702	74,309	9,270	1,134
2014	93,143	9,647	73,125	9,293	1,079
Rolling 12 Months Ending in April					
2013	269,079	27,133	212,074	27,030	NM
2014	296,925	30,992	234,820	27,918	NM

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 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 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.

Table 2.5.B. Landfill Gas: Consumption for Useful Thermal Output, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	2,174	0	735	10	1,429
2005	1,923	0	965	435	522
2006	2,051	0	525	1,094	433
2007	1,988	0	386	1,102	501
2008	1,025	0	454	433	138
2009	793	0	545	176	72
2010	1,623	0	1,195	370	58
2011	3,195	0	2,753	351	91
2012	3,189	0	2,788	340	61
2013	4,793	0	4,172	493	129
2012					
January	307	0	272	31	4
February	292	0	258	29	4
March	243	0	209	30	5
April	254	0	221	28	5
May	265	0	230	29	5
June	212	0	179	28	5
July	295	0	260	29	6
August	260	0	229	25	6
Sept	285	0	256	24	5
October	299	0	265	28	6
November	186	0	149	32	5
December	291	0	260	27	5
2013					
January	574	0	503	55	NM
February	447	0	389	46	NM
March	558	0	496	46	NM
April	300	0	261	37	2
May	327	0	287	31	NM
June	340	0	293	34	13
July	342	0	295	36	NM
August	335	0	289	35	NM
Sept	303	0	262	32	NM
October	415	0	361	44	10
November	385	0	330	47	8
December	468	0	406	50	NM
2014					
January	460	0	402	47	12
February	384	0	336	38	10
March	381	0	329	42	10
April	324	0	283	35	6
Year to Date					
2012	1,096	0	960	118	18
2013	1,879	0	1,649	184	46
2014	1,549	0	1,350	162	38
Rolling 12 Months Ending in April					
2013	3,972	0	3,477	405	NM
2014	4,463	0	3,873	471	NM

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 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 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.

Table 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	146,018	11,250	126,584	4,091	4,093
2005	143,822	11,490	124,030	5,232	3,070
2006	162,084	16,617	136,632	7,738	1,096
2007	168,762	17,442	144,490	5,699	1,131
2008	196,802	20,465	170,001	5,668	668
2009	207,585	19,583	181,234	6,106	661
2010	219,954	19,975	193,623	5,905	451
2011	235,990	22,086	183,609	29,820	474
2012	259,564	25,193	204,753	27,012	2,606
2013	302,989	31,047	240,176	28,388	3,378
2012					
January	21,761	1,889	17,271	2,382	218
February	19,629	1,833	15,358	2,229	209
March	21,149	1,976	16,752	2,207	213
April	20,269	2,064	15,777	2,212	216
May	21,295	2,214	16,658	2,206	218
June	20,934	2,082	16,494	2,147	211
July	22,588	2,282	17,909	2,170	227
August	22,750	2,316	17,901	2,317	216
Sept	21,436	2,055	16,958	2,232	190
October	22,691	2,264	17,890	2,320	217
November	21,714	2,102	17,036	2,349	227
December	23,347	2,115	18,747	2,240	245
2013					
January	25,565	2,584	19,879	2,771	NM
February	22,216	2,232	17,413	2,280	NM
March	25,379	2,492	20,010	2,573	NM
April	23,134	2,393	18,656	1,831	254
May	25,344	2,693	20,312	2,100	NM
June	26,067	2,720	20,806	2,276	265
July	26,095	2,642	20,896	2,292	NM
August	25,590	2,678	20,349	2,305	NM
Sept	25,274	2,661	20,102	2,260	NM
October	25,736	2,631	20,248	2,557	300
November	24,920	2,529	19,637	2,452	301
December	27,670	2,791	21,869	2,689	NM
2014					
January	25,009	2,517	19,566	2,612	314
February	21,376	2,168	16,739	2,210	258
March	24,467	2,503	19,284	2,395	285
April	23,841	2,458	18,885	2,238	259
Year to Date					
2012	82,808	7,762	65,159	9,031	856
2013	96,294	9,702	75,958	9,454	1,180
2014	94,693	9,647	74,474	9,455	1,116
Rolling 12 Months Ending in April					
2013	273,050	27,133	215,551	27,435	NM
2014	301,388	30,992	238,692	28,389	NM

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.
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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 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.

Table 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	19,587	444	17,308	1,811	24
2005	19,370	560	17,033	1,753	25
2006	19,629	500	17,343	1,761	25
2007	19,576	553	17,116	1,785	122
2008	19,805	509	17,487	1,809	0
2009	19,669	465	17,048	2,155	0
2010	19,437	402	16,802	2,233	0
2011	16,972	388	14,625	1,955	4
2012	16,968	418	14,235	2,304	12
2013	15,876	456	13,191	2,220	9
2012					
January	1,361	30	1,147	183	1
February	1,274	27	1,067	179	1
March	1,380	36	1,151	192	0
April	1,362	38	1,134	189	1
May	1,485	41	1,235	207	1
June	1,473	37	1,238	196	1
July	1,519	35	1,284	199	1
August	1,468	40	1,232	195	1
Sept	1,389	30	1,161	197	1
October	1,407	38	1,174	194	1
November	1,398	34	1,180	182	1
December	1,454	31	1,231	190	1
2013					
January	1,240	32	1,037	170	NM
February	1,126	30	927	168	1
March	1,321	31	1,094	195	NM
April	1,286	43	1,060	182	1
May	1,379	43	1,156	179	NM
June	1,402	40	1,175	186	0
July	1,432	44	1,195	193	0
August	1,349	40	1,119	189	NM
Sept	1,304	38	1,082	183	0
October	1,307	41	1,076	189	1
November	1,254	40	1,028	186	1
December	1,477	35	1,242	199	1
2014					
January	1,287	28	1,065	192	1
February	1,129	24	944	160	1
March	1,344	38	1,120	185	1
April	1,301	44	1,077	179	1
Year to Date					
2012	5,377	132	4,499	744	3
2013	4,972	136	4,118	715	4
2014	5,060	135	4,206	716	3
Rolling 12 Months Ending in April					
2013	16,564	422	13,854	2,275	NM
2014	15,963	456	13,279	2,220	NM

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.
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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 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.

Table 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	2,743	0	651	1,628	464
2005	2,719	0	623	1,536	560
2006	2,840	0	725	1,595	520
2007	2,219	0	768	1,136	315
2008	2,328	0	806	1,514	8
2009	2,426	0	823	1,466	137
2010	2,287	0	819	1,316	152
2011	2,044	0	742	1,148	154
2012	1,986	0	522	1,273	190
2013	1,985	0	617	1,200	168
2012					
January	162	0	42	105	15
February	154	0	40	98	15
March	176	0	61	100	15
April	163	0	43	104	17
May	163	0	39	106	18
June	158	0	39	102	16
July	168	0	40	113	15
August	173	0	42	115	16
Sept	166	0	46	104	16
October	177	0	46	114	17
November	156	0	44	98	14
December	170	0	41	114	15
2013					
January	181	0	53	113	NM
February	166	0	49	104	14
March	170	0	56	100	NM
April	169	0	49	107	14
May	146	0	38	95	NM
June	173	0	55	103	15
July	171	0	53	103	14
August	158	0	51	93	NM
Sept	153	0	46	93	13
October	167	0	55	97	15
November	156	0	54	88	14
December	175	0	58	103	15
2014					
January	170	0	57	99	14
February	152	0	49	91	12
March	171	0	50	107	14
April	161	0	54	94	13
Year to Date					
2012	655	0	186	408	62
2013	687	0	206	424	56
2014	655	0	209	391	54
Rolling 12 Months Ending in April					
2013	2,018	0	543	1,290	NM
2014	1,953	0	620	1,167	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 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 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.

Table 2.6.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-April 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	22,330	444	17,959	3,439	488
2005	22,089	560	17,655	3,289	584
2006	22,469	500	18,068	3,356	545
2007	21,796	553	17,885	2,921	437
2008	22,134	509	18,294	3,323	8
2009	22,095	465	17,872	3,622	137
2010	21,725	402	17,621	3,549	152
2011	19,016	388	15,367	3,103	158
2012	18,954	418	14,757	3,577	203
2013	17,862	456	13,808	3,420	177
2012					
January	1,523	30	1,189	288	16
February	1,427	27	1,106	278	16
March	1,557	36	1,212	293	15
April	1,525	38	1,177	293	18
May	1,648	41	1,274	313	20
June	1,631	37	1,277	299	18
July	1,688	35	1,325	311	16
August	1,641	40	1,274	310	17
Sept	1,555	30	1,207	301	18
October	1,583	38	1,220	308	18
November	1,554	34	1,224	280	15
December	1,623	31	1,272	304	16
2013					
January	1,421	32	1,090	284	NM
February	1,292	30	976	271	15
March	1,491	31	1,150	295	NM
April	1,455	43	1,109	289	15
May	1,526	43	1,195	275	NM
June	1,575	40	1,230	289	15
July	1,603	44	1,248	297	15
August	1,507	40	1,171	282	NM
Sept	1,456	38	1,129	276	14
October	1,474	41	1,131	286	16
November	1,410	40	1,082	274	15
December	1,652	35	1,300	302	16
2014					
January	1,457	28	1,123	290	15
February	1,281	24	992	251	13
March	1,515	38	1,170	292	15
April	1,462	44	1,130	274	14
Year to Date					
2012	6,032	132	4,684	1,151	65
2013	5,659	136	4,324	1,139	60
2014	5,715	135	4,415	1,107	57
Rolling 12 Months Ending in April					
2013	18,581	422	14,397	3,565	NM
2014	17,917	456	13,899	3,387	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 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 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.

Table 2.7.A. Consumption of Coal for Electricity Generation by State, by Sector, April 2014 and April 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	169	120	41.0%	19	6	149	113	0	0	1	NM
Connecticut	23	0	--	0	0	23	0	0	0	0	0
Maine	2	1	69.0%	0	0	1	1	0	0	0	0
Massachusetts	126	113	11.0%	0	0	125	113	0	0	NM	NM
New Hampshire	19	6	227.0%	19	6	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,518	3,309	6.3%	NM	NM	3,494	3,289	NM	NM	22	17
New Jersey	43	40	9.0%	0	0	43	40	0	0	0	0
New York	185	128	44.0%	NM	NM	178	120	0	0	5	6
Pennsylvania	3,290	3,141	4.7%	0	0	3,273	3,129	NM	NM	17	11
East North Central	13,384	14,449	-7.4%	9,152	10,164	4,144	4,195	7	6	81	85
Illinois	3,907	3,731	4.7%	341	342	3,517	3,339	1	2	48	48
Indiana	3,451	3,508	-1.6%	3,269	3,289	179	217	3	1	NM	NM
Michigan	1,841	2,175	-15.0%	1,810	2,143	19	16	3	3	10	14
Ohio	2,898	3,215	-9.9%	2,462	2,587	429	622	NM	NM	6	6
Wisconsin	1,288	1,819	-29.0%	1,271	1,803	0	0	NM	NM	16	16
West North Central	8,895	9,965	-11.0%	8,776	9,848	0	0	5	5	114	111
Iowa	1,143	1,429	-20.0%	1,076	1,364	0	0	3	3	64	62
Kansas	1,313	1,373	-4.4%	1,313	1,373	0	0	0	0	0	0
Minnesota	965	926	4.2%	942	903	0	0	0	0	23	23
Missouri	2,768	3,470	-20.0%	2,763	3,466	0	0	2	2	2	NM
Nebraska	921	1,005	-8.3%	903	986	0	0	0	0	18	18
North Dakota	1,628	1,616	0.7%	1,622	1,610	0	0	0	0	6	6
South Dakota	156	146	7.3%	156	146	0	0	0	0	0	0
South Atlantic	8,023	7,277	10.0%	6,523	6,134	1,452	1,095	2	2	45	46
Delaware	44	50	-12.0%	0	0	44	50	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,565	1,609	-2.7%	1,529	1,565	33	41	0	0	3	3
Georgia	1,446	1,215	19.0%	1,437	1,206	0	0	0	0	9	9
Maryland	526	289	82.0%	0	0	520	283	NM	NM	4	4
North Carolina	1,011	1,133	-11.0%	958	1,081	49	48	0	0	4	4
South Carolina	851	666	28.0%	846	662	0	0	0	0	5	4
Virginia	425	461	-7.8%	368	402	49	49	NM	NM	8	9
West Virginia	2,155	1,854	16.0%	1,386	1,219	757	623	0	0	12	12
East South Central	6,246	6,993	-11.0%	5,985	6,763	237	206	NM	NM	24	24
Alabama	1,610	1,972	-18.0%	1,606	1,969	NM	0	0	0	3	4
Kentucky	2,780	2,705	2.8%	2,780	2,705	0	0	0	0	0	0
Mississippi	414	498	-17.0%	178	292	236	206	0	0	0	0
Tennessee	1,442	1,818	-21.0%	1,420	1,798	0	0	NM	NM	21	20
West South Central	10,665	10,233	4.2%	4,958	5,349	5,693	4,869	0	0	14	15
Arkansas	1,401	1,347	4.0%	1,136	1,173	264	172	0	0	1	2
Louisiana	801	801	0.0%	206	328	595	473	0	0	NM	NM
Oklahoma	1,231	1,255	-1.9%	1,134	1,181	84	61	0	0	13	13
Texas	7,232	6,830	5.9%	2,482	2,667	4,750	4,163	0	0	0	0
Mountain	7,584	8,305	-8.7%	6,799	7,252	748	1,016	0	0	37	37
Arizona	1,612	1,873	-14.0%	1,612	1,873	0	0	0	0	0	0
Colorado	1,293	1,470	-12.0%	1,290	1,468	NM	2	0	0	NM	NM
Idaho	1	1	0.3%	0	0	0	0	0	0	1	1
Montana	662	896	-26.0%	NM	NM	647	878	0	0	NM	NM
Nevada	239	212	13.0%	191	138	48	74	0	0	0	0
New Mexico	973	941	3.5%	973	941	0	0	0	0	0	0
Utah	893	1,002	-11.0%	849	952	NM	NM	0	0	21	21
Wyoming	1,911	1,909	0.1%	1,869	1,863	NM	NM	0	0	14	14
Pacific Contiguous	166	157	5.7%	10	113	151	38	0	0	4	6
California	26	29	-9.3%	0	0	23	23	0	0	3	5
Oregon	10	113	-91.0%	10	113	0	0	0	0	0	0
Washington	129	15	745.0%	0	0	128	15	0	0	1	0
Pacific Noncontiguous	97	92	6.1%	16	4	74	78	7	8	NM	NM
Alaska	38	29	32.0%	16	4	16	NM	7	8	0	0
Hawaii	59	63	-5.8%	0	0	58	62	0	0	NM	NM
U.S. Total	58,747	60,899	-3.5%	42,240	45,635	16,142	14,899	21	23	344	342

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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 change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.7.B. Consumption of Coal for Electricity Generation by State, by Sector, Year-to-Date through April 2014 and April 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	1,789	1,368	31.0%	402	368	1,379	994	0	0	7	6
Connecticut	384	192	100.0%	0	0	384	192	0	0	0	0
Maine	11	7	51.0%	0	0	6	4	0	0	5	4
Massachusetts	992	801	24.0%	0	0	990	799	0	0	2	2
New Hampshire	402	368	9.5%	402	368	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	16,683	15,447	8.0%	NM	NM	16,566	15,356	3	2	106	85
New Jersey	539	318	69.0%	0	0	539	318	0	0	0	0
New York	1,295	1,027	26.0%	NM	NM	1,263	998	0	0	24	24
Pennsylvania	14,849	14,102	5.3%	0	0	14,764	14,039	3	2	82	61
East North Central	66,686	63,251	5.4%	46,972	44,470	19,293	18,382	34	34	387	365
Illinois	18,068	17,262	4.7%	2,006	2,130	15,839	14,910	7	12	216	209
Indiana	17,048	14,756	16.0%	16,175	13,841	855	900	13	10	5	5
Michigan	9,805	10,134	-3.2%	9,649	9,992	86	74	12	11	58	56
Ohio	14,411	13,555	6.3%	11,866	11,029	2,513	2,497	NM	NM	31	28
Wisconsin	7,354	7,545	-2.5%	7,276	7,477	0	0	1	0	77	68
West North Central	46,106	45,120	2.2%	45,516	44,596	0	0	31	25	559	500
Iowa	6,727	6,555	2.6%	6,397	6,261	0	0	20	16	310	279
Kansas	6,026	6,094	-1.1%	6,026	6,094	0	0	0	0	0	0
Minnesota	5,498	4,586	20.0%	5,380	4,483	0	0	0	0	118	104
Missouri	14,454	14,529	-0.5%	14,429	14,510	0	0	11	9	15	10
Nebraska	4,955	5,048	-1.8%	4,866	4,966	0	0	0	0	88	82
North Dakota	7,773	7,601	2.3%	7,744	7,575	0	0	0	0	29	26
South Dakota	673	707	-4.7%	673	707	0	0	0	0	0	0
South Atlantic	44,252	35,283	25.0%	36,196	29,100	7,829	5,984	13	13	214	186
Delaware	274	174	58.0%	0	0	274	174	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	7,177	5,829	23.0%	7,072	5,733	90	83	0	0	14	13
Georgia	7,832	5,543	41.0%	7,790	5,506	0	0	0	0	41	38
Maryland	3,286	2,022	62.0%	0	0	3,261	1,999	8	7	18	16
North Carolina	7,228	5,982	21.0%	7,028	5,789	180	174	5	5	15	14
South Carolina	3,885	3,137	24.0%	3,858	3,116	0	0	0	0	27	21
Virginia	3,374	2,869	18.0%	3,054	2,674	286	163	NM	NM	33	31
West Virginia	11,197	9,727	15.0%	7,394	6,282	3,737	3,392	0	0	66	53
East South Central	29,616	28,572	3.7%	28,676	27,327	835	1,144	2	2	103	99
Alabama	7,648	7,324	4.4%	7,630	7,307	NM	0	0	0	17	17
Kentucky	13,341	13,455	-0.8%	13,341	13,455	0	0	0	0	0	0
Mississippi	2,020	1,834	10.0%	1,186	690	834	1,144	0	0	0	0
Tennessee	6,606	5,959	11.0%	6,518	5,876	0	0	2	2	86	82
West South Central	48,585	45,238	7.4%	24,344	23,697	24,186	21,486	0	0	56	56
Arkansas	6,598	5,804	14.0%	5,549	5,051	1,043	743	0	0	6	10
Louisiana	3,773	4,520	-17.0%	1,253	2,020	2,517	2,499	0	0	NM	NM
Oklahoma	6,068	5,619	8.0%	5,710	5,248	311	326	0	0	47	44
Texas	32,146	29,295	9.7%	11,832	11,378	20,314	17,917	0	0	0	0
Mountain	34,816	36,764	-5.3%	30,994	32,264	3,708	4,386	0	0	114	114
Arizona	7,083	7,121	-0.5%	7,083	7,121	0	0	0	0	0	0
Colorado	5,957	6,210	-4.1%	5,947	6,201	9	9	0	0	NM	1
Idaho	6	6	13.0%	0	0	0	0	0	0	6	6
Montana	3,247	3,916	-17.0%	NM	85	3,165	3,828	0	0	4	3
Nevada	1,259	902	40.0%	961	630	297	272	0	0	0	0
New Mexico	3,836	4,796	-20.0%	3,836	4,796	0	0	0	0	0	0
Utah	4,621	4,800	-3.7%	4,483	4,634	NM	123	0	0	39	43
Wyoming	8,807	9,013	-2.3%	8,606	8,797	138	154	0	0	63	61
Pacific Contiguous	2,202	2,035	8.2%	567	786	1,612	1,222	0	0	24	27
California	81	100	-19.0%	0	0	61	75	0	0	20	24
Oregon	567	786	-28.0%	567	786	0	0	0	0	0	0
Washington	1,555	1,149	35.0%	0	0	1,551	1,146	0	0	4	3
Pacific Noncontiguous	392	343	14.0%	65	54	290	248	33	36	NM	5
Alaska	166	159	4.4%	65	54	69	70	33	36	0	0
Hawaii	226	184	23.0%	0	0	221	179	0	0	NM	5
U.S. Total	291,127	273,420	6.5%	213,740	202,666	75,697	69,203	116	111	1,574	1,441

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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 change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.8.A. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, April 2014 and April 2013 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	22	56	-60.0%	NM	6	12	42	7	NM	1	3
Connecticut	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Maine	5	37	-87.0%	NM	NM	4	34	NM	NM	0	2
Massachusetts	11	8	30.0%	NM	0	NM	5	5	NM	1	1
New Hampshire	NM	NM	NM	1	2	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	0	2	0	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	44	61	-28.0%	11	11	27	43	NM	NM	NM	4
New Jersey	NM	3	NM	NM	NM	NM	3	NM	NM	NM	NM
New York	23	26	-12.0%	10	11	NM	9	NM	NM	NM	4
Pennsylvania	19	32	-40.0%	NM	NM	19	31	NM	NM	NM	NM
East North Central	100	80	24.0%	84	67	12	12	NM	NM	3	1
Illinois	11	10	11.0%	2	4	9	6	NM	NM	NM	NM
Indiana	26	18	49.0%	24	17	NM	NM	NM	NM	2	1
Michigan	19	19	-2.4%	18	19	0	0	0	0	0	0
Ohio	40	27	47.0%	36	21	4	6	NM	NM	NM	NM
Wisconsin	4	7	-41.0%	4	6	NM	NM	NM	NM	NM	NM
West North Central	33	65	-50.0%	32	64	NM	NM	NM	NM	NM	NM
Iowa	6	29	-80.0%	5	28	NM	NM	NM	NM	NM	NM
Kansas	8	7	22.0%	8	7	0	0	0	0	0	0
Minnesota	5	3	83.0%	5	2	NM	NM	NM	NM	NM	NM
Missouri	9	14	-37.0%	9	14	NM	NM	NM	NM	0	0
Nebraska	2	7	-66.0%	2	7	0	0	0	0	0	0
North Dakota	2	5	-53.0%	2	5	0	0	NM	NM	NM	NM
South Dakota	NM	1	NM	NM	NM	NM	NM	NM	NM	0	0
South Atlantic	335	256	31.0%	287	207	31	30	NM	NM	NM	10
Delaware	2	1	76.0%	0	NM	2	1	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	225	130	73.0%	219	124	NM	2	0	0	NM	3
Georgia	NM	21	NM	9	18	NM	NM	NM	NM	NM	3
Maryland	24	32	-23.0%	NM	1	16	22	NM	NM	0	0
North Carolina	NM	23	NM	16	22	NM	NM	NM	NM	NM	NM
South Carolina	17	16	6.9%	14	14	2	0	NM	NM	2	2
Virginia	NM	17	NM	12	12	8	4	0	NM	NM	2
West Virginia	18	16	10.0%	18	16	0	0	0	0	0	0
East South Central	51	45	13.0%	45	39	NM	NM	NM	NM	NM	6
Alabama	NM	17	NM	16	11	NM	NM	0	0	NM	6
Kentucky	13	13	4.2%	13	13	0	0	0	0	0	0
Mississippi	4	3	17.0%	4	3	0	0	0	0	0	0
Tennessee	12	12	-0.9%	12	12	0	0	NM	NM	NM	0
West South Central	28	30	-8.1%	13	8	NM	21	NM	NM	NM	NM
Arkansas	4	4	14.0%	4	0	0	4	0	0	0	0
Louisiana	11	5	107.0%	5	0	5	4	0	0	1	1
Oklahoma	3	3	-20.0%	3	3	0	0	NM	NM	0	NM
Texas	NM	18	NM	NM	4	NM	13	NM	NM	NM	NM
Mountain	42	30	39.0%	38	29	4	NM	NM	NM	NM	0
Arizona	8	7	12.0%	8	7	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	4	NM	NM	NM	NM	4	NM	0	0	0	0
Nevada	3	2	64.0%	3	1	0	0	0	0	0	0
New Mexico	15	7	119.0%	15	7	NM	NM	0	0	NM	NM
Utah	8	7	17.0%	8	7	NM	NM	0	0	NM	NM
Wyoming	4	5	-32.0%	3	5	0	0	0	0	NM	0
Pacific Contiguous	7	14	-51.0%	5	7	1	NM	NM	NM	1	3
California	5	10	-49.0%	4	5	0	NM	NM	NM	NM	NM
Oregon	NM	1	NM	0	1	0	0	NM	NM	0	0
Washington	2	3	-44.0%	NM	NM	0	NM	NM	NM	1	2
Pacific Noncontiguous	800	960	-17.0%	687	830	109	118	NM	NM	NM	12
Alaska	77	115	-33.0%	75	108	0	0	NM	NM	2	7
Hawaii	723	845	-14.0%	613	722	109	118	0	0	NM	5
U.S. Total	1,461	1,598	-8.6%	1,204	1,266	209	273	19	17	29	41

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.8.B. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, Year-to-Date through April 2014 and April 2013 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	3,284	903	264.0%	442	147	2,690	710	NM	32	39	14
Connecticut	820	280	192.0%	NM	2	803	277	NM	NM	NM	NM
Maine	449	252	78.0%	NM	NM	423	243	NM	NM	15	6
Massachusetts	1,453	252	476.0%	223	64	1,163	NM	NM	NM	12	6
New Hampshire	435	77	466.0%	195	71	220	NM	NM	NM	NM	NM
Rhode Island	85	31	176.0%	0	7	82	23	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	4,919	939	424.0%	1,493	313	3,362	590	NM	NM	NM	29
New Jersey	691	89	674.0%	NM	NM	679	87	NM	NM	NM	NM
New York	3,254	641	407.0%	1,485	312	1,715	297	NM	NM	33	27
Pennsylvania	975	208	368.0%	NM	NM	967	206	NM	NM	NM	NM
East North Central	683	356	92.0%	434	293	233	57	NM	NM	15	6
Illinois	73	40	80.0%	NM	14	48	26	NM	NM	NM	NM
Indiana	110	80	39.0%	103	77	NM	NM	NM	NM	7	3
Michigan	102	76	35.0%	98	73	0	0	1	0	4	2
Ohio	339	135	151.0%	157	106	179	28	NM	NM	NM	NM
Wisconsin	58	26	127.0%	51	23	6	2	NM	NM	NM	NM
West North Central	344	205	68.0%	322	201	20	2	NM	NM	1	1
Iowa	52	63	-18.0%	51	62	NM	NM	NM	NM	NM	NM
Kansas	NM	31	NM	NM	31	0	0	0	0	0	0
Minnesota	79	13	505.0%	59	11	19	1	NM	NM	1	0
Missouri	120	55	119.0%	120	55	NM	NM	NM	NM	0	0
Nebraska	22	17	32.0%	22	17	0	0	0	0	0	0
North Dakota	19	18	4.7%	19	18	0	0	NM	NM	NM	0
South Dakota	NM	8	NM	NM	8	NM	NM	NM	NM	0	0
South Atlantic	4,637	991	368.0%	3,036	738	1,321	137	NM	NM	59	46
Delaware	238	17	NM	0	NM	238	17	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	550	336	64.0%	527	319	NM	NM	0	0	17	11
Georgia	214	64	237.0%	138	48	59	NM	NM	NM	16	15
Maryland	918	157	484.0%	NM	3	691	84	NM	NM	0	0
North Carolina	611	143	327.0%	559	134	43	NM	NM	NM	10	3
South Carolina	434	63	590.0%	405	57	20	0	NM	NM	9	6
Virginia	1,549	145	968.0%	1,318	112	223	22	0	0	7	11
West Virginia	123	66	86.0%	81	64	42	2	0	0	0	0
East South Central	425	233	82.0%	371	211	23	NM	NM	NM	31	21
Alabama	136	64	113.0%	83	44	23	NM	0	0	30	19
Kentucky	84	74	14.0%	84	74	0	0	0	0	0	0
Mississippi	NM	10	NM	NM	NM	0	0	0	0	0	1
Tennessee	195	86	127.0%	194	85	0	0	NM	NM	NM	NM
West South Central	148	125	18.0%	73	35	68	75	NM	NM	7	15
Arkansas	17	18	-2.3%	11	6	4	11	0	0	2	0
Louisiana	38	40	-4.5%	14	9	20	16	0	0	3	14
Oklahoma	9	5	71.0%	9	5	0	0	NM	NM	0	NM
Texas	84	63	33.0%	38	15	44	47	NM	NM	NM	NM
Mountain	169	130	30.0%	153	121	14	8	NM	NM	1	1
Arizona	54	31	74.0%	54	31	0	0	NM	NM	0	0
Colorado	NM	8	NM	NM	8	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	13	5	161.0%	NM	NM	13	5	0	0	0	0
Nevada	8	8	-5.8%	7	6	0	2	0	0	0	0
New Mexico	46	31	45.0%	45	31	NM	NM	0	0	NM	NM
Utah	20	23	-11.0%	19	22	NM	NM	0	0	NM	NM
Wyoming	21	24	-13.0%	20	23	0	0	0	0	1	1
Pacific Contiguous	47	44	6.4%	NM	23	11	11	NM	NM	7	10
California	NM	25	NM	17	18	7	NM	NM	NM	NM	1
Oregon	NM	NM	NM	5	3	0	0	NM	NM	0	0
Washington	16	16	1.3%	NM	NM	4	6	NM	NM	6	9
Pacific Noncontiguous	3,728	3,887	-4.1%	3,151	3,407	NM	438	4	4	NM	39
Alaska	366	406	-9.8%	356	383	0	0	3	3	NM	21
Hawaii	3,362	3,481	-3.4%	2,796	3,024	NM	438	2	1	NM	18
U.S. Total	18,384	7,813	135.0%	9,503	5,491	8,277	2,027	366	115	238	181

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

Table 2.9.A. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, April 2014 and April 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	NM	NM	NM	0	0	0	0	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	105	55	90.0%	59	4	40	46	0	0	7	5
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	24	3	667.0%	24	3	0	0	0	0	0	0
Michigan	36	5	676.0%	31	0	2	3	0	0	NM	2
Ohio	38	44	-12.0%	0	0	38	44	0	0	NM	0
Wisconsin	7	4	91.0%	4	1	0	0	0	0	3	3
West North Central	0	0	855.0%	0	0	0	0	0	0	0	0
Iowa	0	0	855.0%	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	84	62	36.0%	81	58	0	0	0	0	2	4
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	81	58	40.0%	81	58	0	0	0	0	0	0
Georgia	2	4	-37.0%	0	0	0	0	0	0	2	4
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	24	44	-45.0%	24	44	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	24	44	-45.0%	24	44	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	76	163	-54.0%	48	112	0	0	0	0	28	52
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	62	122	-50.0%	48	112	0	0	0	0	NM	10
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	14	41	-65.0%	0	0	0	0	0	0	14	41
Mountain	15	16	-2.4%	0	0	15	16	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	15	16	-2.4%	0	0	15	16	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	NM	NM	0	0	0	NM	0	0	0	0
California	0	NM	NM	0	0	0	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	313	347	-9.7%	212	217	55	64	0	0	46	67

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

Table 2.9.B. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, Year-to-Date through April 2014 and April 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	32	20	61.0%	0	0	0	0	0	0	32	20
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	17	16	9.6%	0	0	0	0	0	0	17	16
East North Central	417	325	28.0%	222	107	168	197	0	0	27	22
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	103	106	-3.0%	103	106	0	0	0	0	0	0
Michigan	120	19	539.0%	97	0	9	12	0	0	14	7
Ohio	161	185	-13.0%	0	0	159	185	0	0	2	0
Wisconsin	33	15	117.0%	22	1	0	0	0	0	11	14
West North Central	1	1	44.0%	0	0	0	0	1	1	0	0
Iowa	1	1	44.0%	0	0	0	0	1	1	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	307	131	134.0%	294	115	0	0	0	0	12	16
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	294	115	155.0%	294	115	0	0	0	0	0	0
Georgia	12	16	-21.0%	0	0	0	0	0	0	12	16
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	130	164	-21.0%	130	164	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	130	164	-21.0%	130	164	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	633	703	-10.0%	523	540	0	0	0	0	110	163
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	579	571	1.3%	523	540	0	0	0	0	56	31
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	54	132	-59.0%	0	0	0	0	0	0	54	132
Mountain	55	61	-10.0%	0	0	55	61	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	55	61	-10.0%	0	0	55	61	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,575	1,414	11.0%	1,169	927	223	266	1	1	182	220

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

Table 2.10.A. Consumption of Natural Gas for Electricity Generation by State, by Sector, April 2014 and April 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	29,423	29,688	-0.9%	312	49	27,782	27,848	621	637	708	1,154
Connecticut	8,905	8,698	2.4%	0	1	8,421	8,231	NM	289	NM	177
Maine	2,274	2,569	-11.0%	0	0	1,815	1,657	NM	NM	435	889
Massachusetts	11,334	14,234	-20.0%	249	46	10,742	13,820	268	291	NM	78
New Hampshire	3,369	145	NM	62	0	3,288	125	NM	NM	NM	NM
Rhode Island	3,540	4,040	-12.0%	0	0	3,516	4,016	NM	NM	0	0
Vermont	1	1	-16.0%	1	1	0	0	0	0	0	0
Middle Atlantic	63,686	69,824	-8.8%	6,348	9,755	56,052	58,796	597	602	688	671
New Jersey	14,339	15,824	-9.4%	0	NM	13,968	15,439	NM	NM	NM	272
New York	27,609	29,120	-5.2%	6,348	9,743	20,694	18,821	427	421	140	135
Pennsylvania	21,737	24,880	-13.0%	0	0	21,390	24,536	NM	NM	266	263
East North Central	27,724	33,338	-17.0%	10,744	10,953	15,037	20,388	1,037	1,076	906	920
Illinois	1,879	5,172	-64.0%	58	650	1,061	3,747	632	644	128	131
Indiana	3,402	4,317	-21.0%	2,033	2,958	1,039	1,056	NM	NM	310	283
Michigan	6,970	8,836	-21.0%	2,186	1,795	4,268	6,465	156	183	360	393
Ohio	11,467	9,746	18.0%	4,073	3,226	7,123	6,237	NM	NM	NM	NM
Wisconsin	4,006	5,267	-24.0%	2,394	2,324	1,547	2,884	NM	10	NM	49
West North Central	5,785	9,233	-37.0%	4,922	7,649	550	1,240	NM	222	123	121
Iowa	565	579	-2.4%	531	554	0	0	NM	NM	NM	NM
Kansas	1,559	1,434	8.7%	1,525	1,405	0	0	0	0	34	30
Minnesota	1,336	4,831	-72.0%	929	3,898	277	771	NM	117	NM	44
Missouri	1,616	2,070	-22.0%	1,250	1,498	273	470	94	102	NM	NM
Nebraska	521	137	280.0%	504	120	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	182	173	5.4%	182	173	0	0	0	0	0	0
South Atlantic	145,746	141,726	2.8%	120,978	113,676	23,065	25,743	NM	247	1,479	2,060
Delaware	3,126	3,321	-5.9%	0	0	2,815	2,589	0	0	311	732
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	90,218	80,011	13.0%	84,789	72,931	4,726	6,330	NM	NM	694	740
Georgia	17,908	20,764	-14.0%	13,298	15,912	4,357	4,489	0	0	252	362
Maryland	1,052	2,250	-53.0%	0	0	885	2,063	NM	NM	NM	NM
North Carolina	15,413	14,458	6.6%	11,526	10,157	3,841	4,252	0	2	46	47
South Carolina	7,801	7,161	8.9%	6,867	6,492	893	595	0	0	41	74
Virginia	10,077	13,502	-25.0%	4,469	8,184	5,502	5,246	0	0	105	73
West Virginia	NM	182	NM	28	0	46	178	0	0	NM	NM
East South Central	37,266	39,801	-6.4%	22,218	20,694	12,993	16,823	NM	NM	1,947	2,171
Alabama	19,109	22,974	-17.0%	8,291	7,385	10,180	14,830	0	0	638	759
Kentucky	3,898	1,611	142.0%	3,687	1,470	65	0	0	0	NM	141
Mississippi	12,022	14,398	-17.0%	8,113	11,148	2,747	1,993	NM	NM	1,154	1,249
Tennessee	2,238	818	173.0%	2,127	692	0	0	NM	NM	NM	22
West South Central	164,570	162,911	1.0%	46,871	49,217	83,061	78,223	434	425	34,203	35,045
Arkansas	5,269	5,008	5.2%	702	2,498	4,456	2,366	NM	NM	110	143
Louisiana	36,003	35,038	2.8%	15,207	14,461	6,318	4,690	NM	NM	14,459	15,868
Oklahoma	15,714	16,614	-5.4%	9,350	12,878	6,317	3,685	NM	NM	48	52
Texas	107,584	106,250	1.3%	21,612	19,380	65,970	67,483	415	405	19,586	18,983
Mountain	35,493	38,546	-7.9%	21,928	23,009	12,437	14,391	230	188	898	958
Arizona	8,847	11,244	-21.0%	4,956	3,960	3,811	7,216	NM	NM	0	0
Colorado	5,231	6,122	-15.0%	2,367	3,349	2,855	2,757	4	0	NM	NM
Idaho	213	767	-72.0%	17	274	178	468	0	0	NM	24
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	10,865	10,070	7.9%	7,646	8,506	3,153	1,373	NM	NM	NM	NM
New Mexico	5,786	5,831	-0.8%	3,507	3,590	2,228	2,189	NM	NM	0	2
Utah	4,145	3,905	6.1%	3,236	3,017	NM	NM	NM	NM	671	494
Wyoming	214	301	-29.0%	NM	NM	NM	NM	0	0	193	270
Pacific Contiguous	63,334	59,394	6.6%	19,045	18,826	37,674	34,937	1,094	848	5,520	4,782
California	58,579	52,452	12.0%	16,959	16,238	35,068	30,688	1,072	816	5,479	4,710
Oregon	2,556	4,940	-48.0%	NM	1,007	2,175	3,869	NM	NM	27	33
Washington	2,200	2,002	9.9%	1,751	1,581	432	380	NM	NM	14	39
Pacific Noncontiguous	2,109	2,973	-29.0%	2,081	2,935	0	0	NM	NM	NM	NM
Alaska	2,109	2,973	-29.0%	2,081	2,935	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	575,137	587,434	-2.1%	255,447	256,764	268,653	278,391	4,537	4,360	46,500	47,920

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.10.B. Consumption of Nautral Gas for Electricity Generation by State, by Sector, Year-to-Date through April 2014 and April 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	89,735	108,119	-17.0%	709	554	83,246	98,474	2,707	2,829	3,073	6,262
Connecticut	29,658	36,166	-18.0%	49	21	27,575	34,053	1,216	1,262	818	831
Maine	9,795	12,088	-19.0%	0	0	7,850	6,986	NM	NM	1,850	5,007
Massachusetts	34,020	41,369	-18.0%	569	400	31,869	39,299	1,217	1,287	365	383
New Hampshire	6,382	7,659	-17.0%	80	119	6,219	7,456	NM	NM	NM	NM
Rhode Island	9,869	10,823	-8.8%	0	0	9,732	10,681	NM	NM	0	0
Vermont	12	14	-18.0%	12	14	0	0	0	0	0	0
Middle Atlantic	287,171	298,715	-3.9%	31,011	35,399	250,595	257,511	2,721	2,813	2,844	2,991
New Jersey	63,252	58,797	7.6%	0	NM	61,795	57,176	358	431	1,099	1,140
New York	124,200	129,469	-4.1%	31,005	35,349	90,606	91,504	2,015	2,032	574	584
Pennsylvania	99,719	110,448	-9.7%	NM	0	98,195	108,831	NM	NM	1,171	1,267
East North Central	149,404	142,797	4.6%	59,043	51,621	81,874	82,710	4,604	4,736	3,883	3,730
Illinois	11,571	18,100	-36.0%	449	1,188	7,767	13,440	2,714	2,822	642	650
Indiana	27,319	23,463	16.0%	19,897	16,067	6,270	6,332	NM	NM	1,061	969
Michigan	37,119	28,936	28.0%	10,599	6,065	24,208	20,446	725	830	1,587	1,595
Ohio	56,468	51,512	9.6%	19,480	16,995	35,789	33,266	915	971	284	279
Wisconsin	16,927	20,786	-19.0%	8,618	11,307	7,841	9,225	NM	17	309	238
West North Central	26,975	37,468	-28.0%	23,356	31,722	2,456	4,824	615	395	548	527
Iowa	2,542	2,956	-14.0%	2,382	2,855	NM	0	NM	NM	NM	NM
Kansas	5,898	6,235	-5.4%	5,764	6,133	0	0	0	0	134	102
Minnesota	7,916	16,140	-51.0%	5,735	14,079	1,505	1,583	NM	258	196	220
Missouri	8,900	11,240	-21.0%	7,852	7,869	950	3,241	94	127	NM	NM
Nebraska	938	407	131.0%	866	330	0	0	NM	NM	NM	NM
North Dakota	NM	36	NM	NM	NM	0	0	0	0	NM	35
South Dakota	753	454	66.0%	753	454	0	0	0	0	0	0
South Atlantic	535,119	563,698	-5.1%	433,695	454,446	93,380	99,417	941	1,014	7,103	8,821
Delaware	11,687	14,877	-21.0%	0	0	9,583	11,431	0	0	2,104	3,446
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	309,799	309,150	0.2%	290,575	287,405	16,303	18,648	NM	NM	2,883	3,060
Georgia	73,093	92,705	-21.0%	55,824	70,667	16,180	20,620	0	0	1,088	1,418
Maryland	4,849	4,863	-0.3%	0	0	4,147	4,112	589	NM	112	116
North Carolina	56,878	60,963	-6.7%	37,844	40,615	18,811	20,157	2	10	221	182
South Carolina	26,300	28,969	-9.2%	23,063	26,281	3,088	2,387	NM	0	150	300
Virginia	49,855	51,091	-2.4%	24,665	29,295	24,667	21,518	0	0	523	277
West Virginia	2,346	748	214.0%	1,724	183	601	543	0	0	21	NM
East South Central	198,165	207,770	-4.6%	114,483	116,129	74,344	82,145	453	479	8,885	9,018
Alabama	96,983	113,545	-15.0%	34,626	35,401	59,501	74,869	0	0	2,857	3,275
Kentucky	17,844	6,040	195.0%	16,171	5,171	1,091	292	0	0	581	577
Mississippi	71,287	74,128	-3.8%	52,137	62,037	13,752	6,984	NM	NM	5,366	5,075
Tennessee	12,052	14,057	-14.0%	11,550	13,520	0	0	421	NM	81	91
West South Central	666,271	645,651	3.2%	193,718	179,807	327,452	316,305	1,700	1,669	143,401	147,870
Arkansas	22,175	30,820	-28.0%	3,625	7,072	17,971	23,140	NM	NM	576	606
Louisiana	143,211	132,438	8.1%	54,749	51,831	27,559	15,632	NM	NM	60,824	64,894
Oklahoma	70,152	67,988	3.2%	52,007	54,495	17,921	13,275	0	0	223	218
Texas	430,732	414,404	3.9%	83,337	66,409	264,001	264,258	1,617	1,585	81,778	82,152
Mountain	150,077	161,497	-7.1%	93,659	99,419	51,193	56,674	1,033	937	4,192	4,467
Arizona	34,733	39,184	-11.0%	16,281	17,883	18,105	20,961	348	340	0	0
Colorado	25,964	24,493	6.0%	14,156	14,242	11,742	10,181	34	0	NM	NM
Idaho	5,465	6,137	-11.0%	2,753	2,031	2,587	3,905	0	0	124	200
Montana	1,283	1,397	-8.1%	1,224	1,351	NM	NM	0	0	0	0
Nevada	41,108	52,060	-21.0%	30,277	38,331	10,265	12,849	225	202	341	679
New Mexico	21,688	20,086	8.0%	13,905	13,111	7,522	6,725	261	249	0	2
Utah	18,713	16,927	11.0%	14,969	12,399	NM	1,972	165	146	2,712	2,410
Wyoming	1,123	1,213	-7.4%	NM	NM	NM	NM	0	0	982	1,105
Pacific Contiguous	309,615	294,784	5.0%	104,588	103,475	176,178	164,506	4,696	4,264	24,153	22,540
California	260,195	243,325	6.9%	75,945	77,632	155,833	139,451	4,568	4,110	23,848	22,132
Oregon	27,522	34,515	-20.0%	9,819	11,184	17,410	22,931	NM	NM	188	249
Washington	21,898	16,945	29.0%	18,823	14,659	2,935	2,124	NM	2	116	160
Pacific Noncontiguous	10,325	12,599	-18.0%	10,169	12,436	0	0	NM	NM	NM	NM
Alaska	10,325	12,599	-18.0%	10,169	12,436	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	2,422,858	2,473,098	-2.0%	1,064,431	1,085,009	1,140,718	1,162,565	19,479	19,141	198,230	206,382

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

Table 2.11.A. Consumption of Landfill Gas for Electricity Generation by State, by Sector, April 2014 and April 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	968	903	7.2%	0	0	919	858	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	NM	NM	NM	0	0	NM	NM	0	0	0	0
Massachusetts	367	341	7.4%	0	0	367	341	0	0	0	0
New Hampshire	180	168	7.1%	0	0	132	NM	NM	NM	0	0
Rhode Island	240	225	6.9%	0	0	240	225	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,630	4,481	3.3%	0	0	4,603	4,455	NM	NM	0	0
New Jersey	1,001	941	6.4%	0	0	1,001	941	0	0	0	0
New York	1,483	1,519	-2.4%	0	0	1,483	1,519	0	0	0	0
Pennsylvania	2,146	2,020	6.2%	0	0	2,119	1,995	NM	NM	0	0
East North Central	5,414	6,036	-10.0%	616	697	4,748	5,288	NM	NM	NM	NM
Illinois	1,562	1,505	3.8%	0	0	1,562	1,505	0	0	0	0
Indiana	610	694	-12.0%	580	663	0	0	0	0	NM	NM
Michigan	1,735	1,617	7.2%	0	0	1,735	1,617	0	0	0	0
Ohio	258	978	-74.0%	NM	NM	239	961	0	0	0	0
Wisconsin	1,250	1,241	0.8%	NM	NM	1,212	1,205	NM	NM	0	0
West North Central	971	908	7.0%	281	264	690	643	0	0	0	0
Iowa	217	202	7.0%	0	0	217	202	0	0	0	0
Kansas	131	NM	NM	0	0	131	NM	0	0	0	0
Minnesota	357	333	7.0%	NM	NM	292	272	0	0	0	0
Missouri	146	138	6.2%	NM	NM	NM	NM	0	0	0	0
Nebraska	NM	NM	NM	NM	NM	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	3,697	3,448	7.2%	480	405	2,765	2,599	228	224	223	220
Delaware	143	133	7.4%	0	0	143	133	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	616	548	12.0%	182	127	433	421	0	0	0	0
Georgia	287	269	6.7%	0	0	241	225	NM	NM	0	0
Maryland	305	294	3.6%	0	0	147	137	158	157	0	0
North Carolina	585	545	7.4%	0	0	585	545	0	0	0	0
South Carolina	555	530	4.8%	298	278	NM	NM	0	0	223	220
Virginia	1,182	1,106	6.8%	0	0	1,158	1,084	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	334	312	7.2%	246	230	NM	NM	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	246	230	7.2%	246	230	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	0	0	0	0
West South Central	1,553	1,446	7.3%	0	0	1,496	1,395	NM	NM	0	0
Arkansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,423	1,325	7.4%	0	0	1,366	1,274	NM	NM	0	0
Mountain	351	327	7.3%	NM	NM	275	256	0	0	0	0
Arizona	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Colorado	NM	NM	NM	0	0	NM	NM	0	0	0	0
Idaho	NM	NM	NM	0	0	NM	NM	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,599	4,973	13.0%	758	726	3,019	2,819	1,823	1,429	0	0
California	4,791	4,218	14.0%	272	272	2,744	2,562	1,776	1,383	0	0
Oregon	446	417	7.0%	145	135	254	236	NM	NM	0	0
Washington	362	339	6.9%	341	319	NM	NM	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	23,517	22,833	3.0%	2,458	2,393	18,603	18,395	2,203	1,793	253	251

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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 change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.11.B. Consumption of Landfill Gas for Electricity Generation by State, by Sector, Year-to-Date through April 2014 and April 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	3,823	3,679	3.9%	0	0	3,602	3,437	221	NM	0	0
Connecticut	252	240	5.0%	0	0	252	240	0	0	0	0
Maine	220	210	5.1%	0	0	220	210	0	0	0	0
Massachusetts	1,435	1,366	5.0%	0	0	1,435	1,366	0	0	0	0
New Hampshire	738	738	0.1%	0	0	518	495	221	NM	0	0
Rhode Island	944	904	4.4%	0	0	944	904	0	0	0	0
Vermont	233	221	5.2%	0	0	233	221	0	0	0	0
Middle Atlantic	18,237	18,652	-2.2%	0	0	18,121	18,522	NM	NM	0	0
New Jersey	3,935	3,812	3.2%	0	0	3,935	3,812	0	0	0	0
New York	5,798	6,068	-4.4%	0	0	5,798	6,068	0	0	0	0
Pennsylvania	8,503	8,772	-3.1%	0	0	8,387	8,642	NM	NM	0	0
East North Central	21,248	24,246	-12.0%	2,411	2,789	18,620	21,224	NM	NM	127	NM
Illinois	6,106	6,010	1.6%	0	0	6,106	6,010	0	0	0	0
Indiana	2,393	2,782	-14.0%	2,266	2,648	0	0	0	0	127	NM
Michigan	6,782	6,461	5.0%	0	0	6,782	6,461	0	0	0	0
Ohio	1,010	3,912	-74.0%	NM	NM	937	3,841	0	0	0	0
Wisconsin	4,957	5,081	-2.4%	NM	NM	4,795	4,912	NM	NM	0	0
West North Central	3,805	3,636	4.6%	1,111	1,070	2,694	2,566	0	0	0	0
Iowa	845	807	4.7%	0	0	845	807	0	0	0	0
Kansas	513	488	5.1%	0	0	513	488	0	0	0	0
Minnesota	1,400	1,337	4.7%	258	251	1,141	1,086	0	0	0	0
Missouri	580	560	3.5%	385	374	195	186	0	0	0	0
Nebraska	468	445	5.2%	468	445	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	14,649	14,132	3.7%	1,849	1,688	10,874	10,417	975	1,027	952	1,000
Delaware	557	530	5.1%	0	0	557	530	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,412	2,253	7.0%	682	573	1,731	1,681	0	0	0	0
Georgia	1,144	1,113	2.8%	0	0	944	899	200	NM	0	0
Maryland	1,246	1,251	-0.4%	0	0	576	552	670	699	0	0
North Carolina	2,287	2,182	4.8%	0	0	2,287	2,182	0	0	0	0
South Carolina	2,251	2,241	0.5%	1,168	1,115	132	126	0	0	952	1,000
Virginia	4,658	4,471	4.2%	0	0	4,553	4,358	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	1,309	1,247	5.0%	965	919	344	328	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	965	919	5.0%	965	919	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	254	242	4.8%	0	0	254	242	0	0	0	0
West South Central	6,120	5,878	4.1%	0	0	5,852	5,577	268	NM	0	0
Arkansas	507	483	4.9%	0	0	507	483	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	5,613	5,394	4.1%	0	0	5,345	5,094	268	NM	0	0
Mountain	1,373	1,307	5.0%	298	284	1,074	1,023	0	0	0	0
Arizona	457	435	5.0%	298	284	159	151	0	0	0	0
Colorado	228	217	5.2%	0	0	228	217	0	0	0	0
Idaho	184	175	5.0%	0	0	184	175	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	504	479	5.0%	0	0	504	479	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	22,580	21,638	4.4%	3,013	2,952	11,943	11,214	7,623	7,472	0	0
California	19,390	18,575	4.4%	1,105	1,134	10,867	10,189	7,417	7,252	0	0
Oregon	1,762	1,699	3.7%	566	539	990	940	206	NM	0	0
Washington	1,428	1,364	4.7%	1,342	1,280	NM	NM	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	93,143	94,415	-1.3%	9,647	9,702	73,125	74,309	9,293	9,270	1,079	1,134

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

Table 2.12.A. Consumption of Biogenic Municipal Solid Waste Gas for Electricity Generation by State, by Sector, April 2014 and April 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	320	307	4.3%	0	0	306	292	14	14	0	0
Connecticut	110	110	0.0%	0	0	110	110	0	0	0	0
Maine	22	22	-0.6%	0	0	8	7	14	14	0	0
Massachusetts	177	164	7.9%	0	0	177	164	0	0	0	0
New Hampshire	12	12	3.7%	0	0	12	12	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	416	407	2.2%	0	0	329	323	87	84	0	0
New Jersey	105	104	0.2%	0	0	77	80	28	25	0	0
New York	154	156	-1.6%	0	0	118	120	35	36	0	0
Pennsylvania	158	146	7.6%	0	0	133	123	24	24	0	0
East North Central	19	23	-14.0%	3	3	0	0	16	20	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	8.1%	0	0	0	0	1	1	0	0
Michigan	15	19	-19.0%	0	0	0	0	15	19	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	3	9.6%	3	3	0	0	0	0	0	0
West North Central	58	57	1.8%	40	40	17	16	1	NM	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	58	57	1.8%	40	40	17	16	1	NM	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	395	401	-1.6%	0	0	364	369	31	32	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	254	265	-4.3%	0	0	254	265	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	64	65	-1.2%	0	0	64	65	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	77	71	8.6%	0	0	46	39	31	31	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	1	-15.0%	0	0	0	0	0	0	1	1
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	1	-15.0%	0	0	0	0	0	0	1	1
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	0	6.7%	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	6.7%	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	62	59	4.4%	0	0	62	59	0	0	0	0
California	41	40	4.8%	0	0	41	40	0	0	0	0
Oregon	8	7	3.7%	0	0	8	7	0	0	0	0
Washington	13	12	3.6%	0	0	13	12	0	0	0	0
Pacific Noncontiguous	30	31	-4.0%	0	0	0	0	30	31	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	30	31	-4.0%	0	0	0	0	30	31	0	0
U.S. Total	1,301	1,286	1.2%	44	43	1,077	1,060	179	182	1	1

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.12.B. Consumption of Biogenic Municipal Solid Waste Gas for Electricity Generation by State, by Sector, Year-to-Date through April 2014 and April 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	1,227	1,168	5.0%	0	0	1,168	1,105	59	63	0	0
Connecticut	443	425	4.2%	0	0	443	425	0	0	0	0
Maine	89	92	-3.0%	0	0	30	29	59	63	0	0
Massachusetts	647	606	6.9%	0	0	647	606	0	0	0	0
New Hampshire	47	46	3.9%	0	0	47	46	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,565	1,570	-0.3%	0	0	1,222	1,220	344	351	0	0
New Jersey	409	396	3.3%	0	0	298	288	111	108	0	0
New York	589	582	1.2%	0	0	442	426	147	156	0	0
Pennsylvania	568	593	-4.3%	0	0	482	506	86	87	0	0
East North Central	71	75	-5.3%	11	11	0	0	60	63	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	3	3	0.4%	0	0	0	0	3	3	0	0
Michigan	57	60	-5.4%	0	0	0	0	57	60	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	11	11	-6.3%	11	11	0	0	0	0	0	0
West North Central	194	193	0.9%	124	124	65	62	6	6	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	194	193	0.9%	124	124	65	62	6	6	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,635	1,620	0.9%	0	0	1,514	1,498	121	122	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,075	1,085	-0.9%	0	0	1,075	1,085	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	245	240	2.0%	0	0	245	240	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	316	295	6.9%	0	0	195	173	121	122	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	3	4	-9.5%	0	0	0	0	0	0	3	4
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	3	4	-9.5%	0	0	0	0	0	0	3	4
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	1	1	-0.3%	0	0	1	1	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	1	1	-0.3%	0	0	1	1	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	237	232	2.4%	0	0	237	232	0	0	0	0
California	158	156	1.7%	0	0	158	156	0	0	0	0
Oregon	30	29	3.8%	0	0	30	29	0	0	0	0
Washington	49	47	3.7%	0	0	49	47	0	0	0	0
Pacific Noncontiguous	127	110	15.0%	0	0	0	0	127	110	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	127	110	15.0%	0	0	0	0	127	110	0	0
U.S. Total	5,060	4,972	1.8%	135	136	4,206	4,118	716	715	3	4

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 change 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, 2004 - April 2014

	Electric Power Sector			Electric Utilities			Independent Power Producers		
Period	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 Stocks									
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	172,387	34,847	508	142,103	25,648	404	30,284	9,198	104
2012	185,116	32,224	495	150,942	23,875	414	34,174	8,349	81
2013	147,973	31,045	390	120,888	21,906	303	27,085	9,139	86
2012, End of Month Stocks									
January	180,091	34,660	409	144,615	25,518	324	35,476	9,142	85
February	186,866	34,431	374	150,246	25,311	293	36,620	9,119	81
March	195,380	34,552	453	157,444	25,463	351	37,935	9,089	102
April	202,265	34,375	457	161,926	25,356	332	40,339	9,019	125
May	203,137	33,973	406	162,992	25,046	270	40,146	8,926	136
June	197,924	33,747	458	158,366	24,964	287	39,558	8,783	171
July	183,958	33,502	406	148,517	24,947	216	35,442	8,555	190
August	178,537	32,619	336	144,975	24,297	198	33,562	8,322	139
Sept	182,020	32,316	353	147,916	24,175	267	34,104	8,141	86
October	186,396	32,182	406	151,418	24,078	339	34,978	8,104	67
November	188,291	32,045	416	152,864	23,982	346	35,428	8,062	70
December	185,116	32,224	495	150,942	23,875	414	34,174	8,349	81
2013, End of Month Stocks									
January	178,747	31,163	442	145,522	23,229	358	33,224	7,934	84
February	175,325	30,880	442	143,950	22,863	362	31,375	8,016	80
March	171,518	31,678	406	141,849	23,459	323	29,669	8,219	83
April	172,654	31,052	455	142,970	22,945	387	29,684	8,107	68
May	176,670	30,894	442	144,709	22,813	348	31,961	8,081	95
June	170,534	30,626	407	139,574	22,586	303	30,960	8,040	105
July	159,536	29,924	394	131,879	22,094	279	27,658	7,829	115
August	154,119	30,328	260	127,058	22,231	183	27,061	8,097	77
Sept	152,185	30,215	309	125,368	21,707	191	26,817	8,509	118
October	153,352	30,487	291	125,321	21,734	214	28,031	8,752	77
November	155,754	31,170	338	126,278	21,773	250	29,477	9,397	87
December	147,973	31,045	390	120,888	21,906	303	27,085	9,139	86
2014, End of Month Stocks									
January	132,324	26,770	298	107,330	19,870	216	24,993	6,900	82
February	118,949	28,285	265	96,571	20,218	191	22,378	8,068	74
March	117,974	28,215	349	95,229	20,513	282	22,745	7,701	67
April	128,321	28,506	514	103,097	20,681	451	25,224	7,825	63

Notes: See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 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 forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 3.2 Stocks of Coal, Petroleum Liquids, and Petroleum Coke:
Electric Power Sector, by State, April 2014 and 2013

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	April 2014	April 2013	Percentage Change	April 2014	April 2013	Percentage Change	April 2014	April 2013	Percentage Change
New England	529	707	-25.0%	2,724	2,460	11.0%	0	0	--
Connecticut	W	W	W	1,013	1,152	-12.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	352	W	1,103	818	35.0%	0	0	--
New Hampshire	W	W	W	W	W	W	0	0	--
Rhode Island	0	0	--	W	W	W	0	0	--
Vermont	0	0	--	23	47	-51.0%	0	0	--
Middle Atlantic	5,211	6,531	-20.0%	3,961	5,053	-22.0%	W	W	W
New Jersey	870	817	6.4%	578	954	-39.0%	0	0	--
New York	390	417	-6.6%	2,503	3,275	-24.0%	0	0	--
Pennsylvania	3,951	5,296	-25.0%	880	824	6.7%	W	W	W
East North Central	23,680	29,779	-20.0%	1,174	1,191	-1.4%	164	48	238.0%
Illinois	6,408	6,077	5.5%	105	110	-4.3%	0	0	--
Indiana	7,357	8,715	-16.0%	113	118	-4.0%	W	0	W
Michigan	3,019	5,160	-41.0%	417	429	-2.7%	W	W	W
Ohio	4,325	6,205	-30.0%	313	308	1.5%	W	W	W
Wisconsin	2,570	3,623	-29.0%	226	227	-0.3%	W	W	W
West North Central	21,973	28,505	-23.0%	953	1,006	-5.3%	0	0	--
Iowa	5,677	8,085	-30.0%	148	143	3.7%	0	0	--
Kansas	3,441	3,485	-1.3%	150	162	-7.5%	0	0	--
Minnesota	W	W	W	139	157	-12.0%	0	0	--
Missouri	6,646	9,254	-28.0%	295	294	0.1%	0	0	--
Nebraska	2,707	3,018	-10.0%	122	127	-3.9%	0	0	--
North Dakota	1,318	1,515	-13.0%	37	45	-17.0%	0	0	--
South Dakota	W	W	W	62	78	-21.0%	0	0	--
South Atlantic	24,882	38,008	-35.0%	11,972	13,202	-9.3%	W	W	W
Delaware	W	W	W	260	391	-34.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	W	W	6,277	6,836	-8.2%	W	W	W
Georgia	5,650	10,086	-44.0%	868	912	-4.8%	0	0	--
Maryland	1,022	1,605	-36.0%	679	789	-14.0%	0	0	--
North Carolina	W	6,821	W	1,150	1,104	4.2%	0	0	--
South Carolina	4,172	5,958	-30.0%	655	628	4.3%	0	W	W
Virginia	1,392	1,332	4.6%	1,941	2,400	-19.0%	0	0	--
West Virginia	4,288	6,187	-31.0%	141	141	-0.2%	W	W	W
East South Central	13,388	18,648	-28.0%	1,937	2,075	-6.6%	W	W	W
Alabama	3,677	5,613	-34.0%	280	312	-10.0%	0	0	--
Kentucky	5,893	8,028	-27.0%	252	261	-3.4%	W	W	W
Mississippi	873	1,957	-55.0%	583	563	3.5%	0	0	--
Tennessee	2,945	3,050	-3.4%	823	939	-12.0%	0	0	--
West South Central	20,810	28,936	-28.0%	2,176	2,444	-11.0%	W	W	W
Arkansas	2,435	3,649	-33.0%	W	243	W	0	0	--
Louisiana	3,156	3,353	-5.9%	552	660	-16.0%	W	W	W
Oklahoma	3,306	4,927	-33.0%	W	193	W	0	0	--
Texas	11,913	17,008	-30.0%	1,313	1,349	-2.7%	0	W	W
Mountain	15,936	19,694	-19.0%	617	656	-6.0%	W	W	W
Arizona	2,816	4,020	-30.0%	174	213	-18.0%	0	0	--
Colorado	3,824	4,169	-8.3%	117	125	-6.6%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	W	W	W	W	W
Nevada	835	1,037	-20.0%	180	179	0.1%	0	0	--
New Mexico	W	W	W	48	44	10.0%	0	0	--
Utah	3,787	4,804	-21.0%	44	47	-6.2%	0	0	--
Wyoming	2,777	3,683	-25.0%	38	30	26.0%	0	0	--
Pacific Contiguous	W	W	W	356	386	-7.9%	W	W	W
California	W	W	W	192	186	3.6%	W	W	W
Oregon	W	W	W	W	W	W	0	0	--
Washington	W	W	W	W	W	W	0	0	--
Pacific Noncontiguous	W	W	W	2,637	2,579	2.2%	0	0	--
Alaska	W	W	W	34	187	-82.0%	0	0	--
Hawaii	W	W	W	2,602	2,392	8.8%	0	0	--
U.S. Total	128,321	172,654	-26.0%	28,506	31,052	-8.2%	514	455	13.0%

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
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 Divison, April 2014 and 2013

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**April 2014**	**April 2013**	**Percentage Change**	**April 2014**	**April 2013**	**April 2014**	**April 2013**
Coal (Thousand Tons)							
New England	529	707	-25.1%	W	W	W	W
Middle Atlantic	5,211	6,531	-20.2%	0	0	5,211	6,531
East North Central	23,680	29,779	-20.5%	17,116	23,520	6,564	6,259
West North Central	21,973	28,505	-22.9%	21,973	28,505	0	0
South Atlantic	24,882	38,008	-34.5%	21,888	34,539	2,994	3,469
East South Central	13,388	18,648	-28.2%	13,388	18,648	0	0
West South Central	20,810	28,936	-28.1%	12,578	17,446	8,233	11,491
Mountain	15,936	19,694	-19.1%	14,786	W	1,150	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	W	W	W	W
U.S. Total	**128,321**	**172,654**	**-25.7%**	**103,097**	**142,970**	**25,224**	**29,684**
Petroleum Liquids (Thousand Barrels)							
New England	2,724	2,460	10.7%	395	426	2,329	2,034
Middle Atlantic	3,961	5,053	-21.6%	1,435	2,277	2,526	2,776
East North Central	1,174	1,191	-1.4%	922	W	252	W
West North Central	953	1,006	-5.3%	W	979	W	27
South Atlantic	11,972	13,202	-9.3%	9,998	10,911	1,974	2,291
East South Central	1,937	2,075	-6.6%	W	W	W	W
West South Central	2,176	2,444	-10.9%	1,616	W	560	W
Mountain	617	656	-6.0%	W	W	W	W
Pacific Contiguous	356	386	-7.9%	W	W	W	W
Pacific Noncontiguous	2,637	2,579	2.2%	W	W	W	W
U.S. Total	**28,506**	**31,052**	**-8.2%**	**20,681**	**22,945**	**7,825**	**8,107**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	164	48	238.2%	W	W	W	W
West North Central	0	0	--	0	0	0	0
South Atlantic	W	W	W	W	W	W	W
East South Central	W	W	W	W	W	0	0
West South Central	W	W	W	W	W	0	W
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	W	W	W	0	0	W	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	**514**	**455**	**13.1%**	**W**	**387**	**W**	**68**

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 change 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, 2004 - April 2014

	Electric Power Sector			
Period	Bituminous Coal	Subbituminous Coal	Lignite Coal	Total
End of Year Stocks				
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
2010	81,108	86,915	6,894	174,917
2011	82,056	85,151	5,179	172,387
2012	86,437	93,833	4,846	185,116
2013	72,963	69,996	5,014	147,973
2012, End of Month Stocks				
January	83,807	91,263	5,021	180,091
February	87,674	94,462	4,729	186,866
March	90,520	100,126	4,734	195,380
April	93,508	103,798	4,960	202,265
May	94,058	103,893	5,187	203,137
June	92,348	100,431	5,146	197,924
July	83,754	95,299	4,906	183,958
August	80,888	92,705	4,944	178,537
Sept	82,766	94,464	4,789	182,020
October	86,510	95,156	4,730	186,396
November	87,622	95,917	4,752	188,291
December	86,437	93,833	4,846	185,116
2013, End of Month Stocks				
January	83,389	90,707	4,651	178,747
February	81,674	89,169	4,482	175,325
March	80,360	86,403	4,755	171,518
April	82,410	85,237	5,007	172,654
May	84,105	86,420	6,145	176,670
June	81,649	82,805	6,080	170,534
July	75,586	78,290	5,660	159,536
August	72,684	75,942	5,493	154,119
Sept	71,739	74,966	5,481	152,185
October	73,687	74,261	5,405	153,352
November	74,861	75,637	5,256	155,754
December	72,963	69,996	5,014	147,973
2014, End of Month Stocks				
January	62,170	64,824	5,330	132,324
February	54,676	58,874	5,399	118,949
March	54,216	58,350	5,409	117,974
April	59,530	62,588	6,203	128,321

Notes: See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 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 forms. Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following:
Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2004 - April 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	20,188,633	1,002,032	1.36	27.42	0.97	95.9	958,046	151,821	5.00	31.58	0.88	81.7
2005	20,647,307	1,021,437	1.54	31.20	0.98	95.9	986,258	157,221	7.59	47.61	0.77	84.7
2006	21,735,101	1,079,943	1.69	34.09	0.97	102.5	406,869	65,002	8.68	54.35	0.73	74.0
2007	21,152,358	1,054,664	1.77	35.48	0.96	98.6	375,260	60,068	9.59	59.93	0.71	62.6
2008	21,280,258	1,069,709	2.07	41.14	0.97	100.5	375,684	61,139	15.52	95.38	0.61	99.6
2009	19,437,966	981,477	2.21	43.74	1.01	102.8	330,043	54,181	10.25	62.47	0.54	104.8
2010	19,289,661	979,918	2.27	44.64	1.16	97.9	275,058	45,472	14.02	84.80	0.51	101.1
2011	18,675,843	956,538	2.39	46.65	1.19	100.0	216,752	36,158	19.94	119.54	0.60	116.1
2012	16,265,578	841,183	2.38	46.09	1.25	99.5	116,937	19,464	21.85	131.28	0.51	75.7
2013	15,570,755	803,206	2.35	45.50	1.30	91.3	123,567	20,348	20.59	125.06	0.46	79.2
2012												
January	1,480,587	77,241	2.37	45.47	1.19	106.2	11,646	1,937	21.66	130.26	0.51	77.9
February	1,338,494	69,194	2.38	46.12	1.29	106.8	8,226	1,372	22.16	132.92	0.50	76.8
March	1,274,079	65,492	2.39	46.59	1.25	110.9	9,681	1,593	22.29	135.43	0.51	84.0
April	1,176,104	59,906	2.42	47.54	1.30	112.7	7,788	1,302	23.58	141.17	0.59	71.4
May	1,254,371	64,477	2.42	47.01	1.29	100.3	8,596	1,445	23.02	136.98	0.56	69.0
June	1,294,346	67,090	2.36	45.52	1.29	91.7	12,141	2,007	22.01	133.16	0.52	79.2
July	1,403,271	72,850	2.40	46.22	1.19	82.7	12,495	2,064	20.43	123.72	0.54	71.1
August	1,504,806	77,652	2.40	46.47	1.23	92.1	10,040	1,672	21.12	126.85	0.50	74.8
Sept	1,383,347	71,970	2.38	45.68	1.20	101.4	8,209	1,357	21.91	132.56	0.48	76.1
October	1,397,904	72,425	2.36	45.57	1.23	106.5	8,718	1,451	22.23	133.66	0.41	72.8
November	1,388,563	71,846	2.36	45.63	1.25	100.5	8,623	1,441	22.30	133.48	0.45	76.8
December	1,369,707	71,041	2.36	45.60	1.27	94.9	10,773	1,824	20.63	121.91	0.55	79.7
2013												
January	1,314,386	68,094	2.35	45.29	1.27	88.8	10,661	1,769	21.01	126.70	0.50	57.1
February	1,201,145	61,998	2.35	45.46	1.35	90.3	10,741	1,749	21.01	129.18	0.46	84.3
March	1,262,552	64,822	2.35	45.86	1.35	90.0	14,178	2,306	20.16	123.96	0.46	126.8
April	1,202,488	61,226	2.38	46.69	1.36	98.2	6,085	1,017	21.53	128.87	0.51	54.7
May	1,300,089	66,503	2.37	46.38	1.32	100.4	8,589	1,416	20.71	125.63	0.50	70.4
June	1,292,065	66,654	2.36	45.77	1.26	87.0	6,973	1,164	20.97	125.63	0.50	60.8
July	1,364,276	71,348	2.32	44.27	1.20	84.2	10,653	1,765	20.51	123.78	0.48	59.6
August	1,435,848	74,510	2.33	44.91	1.27	89.3	11,956	1,956	19.69	120.38	0.44	96.8
Sept	1,331,684	68,838	2.35	45.38	1.29	92.9	9,869	1,624	20.16	122.60	0.38	89.7
October	1,286,635	66,005	2.35	45.73	1.34	97.2	10,093	1,665	20.85	126.36	0.43	97.5
November	1,285,565	66,194	2.33	45.34	1.30	98.1	12,749	2,094	20.10	122.55	0.46	116.7
December	1,294,022	67,013	2.34	45.21	1.29	84.9	11,021	1,823	21.22	128.15	0.43	69.6
2014												
January	1,295,681	67,813	2.30	43.88	1.26	79.4	26,826	4,498	21.85	130.48	0.42	40.7
February	1,191,664	61,243	2.33	45.26	1.35	78.6	26,033	4,284	21.60	131.44	0.44	127.3
March	1,374,868	69,854	2.37	46.58	1.35	94.4	15,151	2,506	21.94	132.69	0.44	64.9
April	1,295,750	65,274	2.40	47.56	1.35	108.4	8,908	1,474	22.89	138.33	0.41	87.4
Year to Date												
2012	5,269,264	271,833	2.39	46.36	1.25	108.8	37,341	6,204	22.33	134.48	0.52	77.6
2013	4,980,571	256,140	2.36	45.81	1.33	91.6	41,665	6,841	20.79	126.72	0.47	77.3
2014	5,157,964	264,183	2.35	45.82	1.33	88.8	76,918	12,762	21.91	132.17	0.43	63.9
Rolling 12 Months Ending in April												
2013	15,976,885	825,490	2.37	45.91	1.27	94.3	121,261	20,100	21.34	128.75	0.50	75.7
2014	15,748,148	811,249	2.35	45.51	1.30	90.4	158,821	26,269	21.17	128.07	0.44	71.4

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
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Notes:
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See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 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.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2004 - April 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	196,606	6,967	0.83	23.48	5.08	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	5.15	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	5.15	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	5.07	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	4.98	111.5	8,089,467	7,879,046	9.01	9.26	102.5	4.12
2009	197,921	6,954	1.61	45.89	4.63	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	4.79	98.5	8,867,396	8,673,070	5.09	5.20	102.0	3.26
2011	171,100	5,980	3.03	86.78	5.01	98.2	9,250,652	9,056,164	4.72	4.83	103.8	3.29
2012	119,667	4,180	2.24	64.14	5.55	83.3	9,746,691	9,531,389	3.42	3.50	91.9	2.83
2013	129,737	4,555	2.16	61.50	5.43	75.5	8,677,544	8,463,303	4.33	4.44	90.0	3.10
2012												
January	11,219	393	2.43	69.57	5.15	64.9	702,012	687,733	3.69	3.77	91.4	2.86
February	8,815	304	2.30	67.01	5.34	64.6	695,018	680,275	3.34	3.42	91.7	2.77
March	9,788	344	1.90	54.10	5.67	102.7	724,404	709,072	2.99	3.05	91.6	2.69
April	9,077	317	2.11	60.29	5.30	106.0	774,136	755,344	2.71	2.78	92.9	2.61
May	8,583	300	2.57	73.30	5.51	86.8	866,898	847,784	2.94	3.00	92.5	2.70
June	10,175	351	2.32	67.41	5.65	92.3	933,407	912,633	3.11	3.18	92.4	2.76
July	7,560	264	2.41	69.46	5.73	62.0	1,134,111	1,108,411	3.43	3.51	92.3	2.92
August	8,618	301	2.45	70.17	5.73	63.8	1,050,429	1,027,710	3.50	3.58	91.8	2.89
Sept	11,925	417	2.39	68.43	5.65	96.9	856,022	837,053	3.41	3.49	92.2	2.81
October	9,915	348	2.00	56.95	5.64	87.5	726,388	710,327	3.84	3.93	92.1	2.91
November	10,964	384	2.05	58.34	5.59	88.3	628,800	614,906	4.25	4.35	90.3	2.99
December	13,029	458	2.06	58.45	5.66	107.6	655,067	640,143	4.21	4.31	90.7	3.01
2013												
January	9,901	348	2.02	57.79	5.64	66.2	674,846	658,835	4.38	4.49	89.1	3.09
February	9,560	336	W	W	5.42	76.3	605,664	591,385	4.39	4.50	89.0	W
March	8,081	284	W	W	5.50	59.7	647,612	631,717	4.29	4.40	89.2	W
April	11,010	387	2.26	64.50	5.37	85.8	606,715	591,713	4.67	4.78	89.8	3.16
May	11,519	403	2.32	66.15	5.39	76.7	662,786	645,559	4.62	4.75	90.4	3.16
June	11,292	398	2.39	67.99	5.09	73.9	779,828	760,011	4.42	4.54	91.0	3.15
July	11,964	418	2.27	64.99	5.46	75.9	943,799	919,088	4.20	4.31	90.8	3.12
August	10,669	372	2.23	64.10	5.40	66.1	935,780	913,083	3.91	4.00	90.7	3.00
Sept	12,082	422	2.15	61.43	5.39	81.2	787,778	770,983	4.08	4.17	90.8	3.02
October	11,948	422	2.11	59.82	5.39	81.7	681,492	664,318	4.11	4.21	90.1	3.00
November	9,462	332	1.98	56.57	5.45	79.0	640,042	623,987	4.19	4.30	88.6	3.01
December	12,249	433	1.99	56.11	5.69	84.9	711,200	692,624	4.91	5.04	89.2	3.28
2014												
January	9,894	350	1.73	48.87	5.25	66.0	708,596	690,842	7.03	7.21	89.5	4.09
February	10,083	356	W	W	5.46	82.8	587,256	572,056	7.39	7.59	87.8	W
March	12,939	457	2.00	56.64	5.81	91.6	604,201	588,706	6.00	6.15	88.9	3.53
April	12,734	449	2.11	59.89	5.62	122.2	594,177	578,775	5.07	5.21	89.8	3.26
Year to Date												
2012	38,899	1,357	2.19	62.96	5.37	79.4	2,895,570	2,832,423	3.17	3.24	91.9	2.74
2013	38,553	1,355	2.11	60.28	5.48	71.6	2,534,838	2,473,651	4.43	4.54	89.3	3.11
2014	45,650	1,613	1.98	56.08	5.56	88.3	2,494,229	2,430,379	6.40	6.57	89.0	3.75
Rolling 12 Months Ending in April												
2013	119,321	4,178	W	W	5.59	80.3	9,385,959	9,172,617	3.77	3.86	91.2	W
2014	136,834	4,813	W	W	5.46	80.6	8,636,935	8,420,032	4.90	5.02	89.9	W

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W = Withheld to avoid disclosure of individual company data.

Notes:
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See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - April 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	15,440,681	758,557	1.34	27.30	0.91	98.2	592,478	93,034	4.80	30.57	1.01	89.6
2005	15,836,924	775,890	1.53	31.22	0.94	101.9	566,320	89,303	7.17	45.46	0.89	90.9
2006	16,197,852	797,361	1.69	34.26	0.92	105.8	269,033	42,415	8.33	52.80	0.82	79.2
2007	15,561,395	767,377	1.78	36.06	0.92	100.3	216,349	34,026	9.24	58.73	0.77	59.8
2008	15,347,396	764,399	2.06	41.32	0.93	100.5	240,937	38,891	15.83	98.09	0.60	99.7
2009	14,402,019	719,253	2.22	44.47	0.99	103.4	202,598	32,959	10.44	64.18	0.51	103.5
2010	14,226,995	713,094	2.27	45.33	1.14	98.8	189,790	31,099	13.94	85.07	0.48	101.0
2011	13,871,559	699,353	2.40	47.67	1.16	101.5	144,255	23,859	20.30	122.72	0.53	114.5
2012	11,939,543	609,445	2.43	47.51	1.18	99.0	86,030	14,252	22.11	133.44	0.41	81.3
2013	11,479,647	586,469	2.38	46.58	1.23	91.7	78,306	12,850	21.12	128.71	0.43	78.2
2012												
January	1,065,584	54,942	2.39	46.44	1.14	105.0	8,221	1,366	21.73	130.71	0.42	91.4
February	977,965	50,084	2.41	47.06	1.22	106.8	5,975	995	22.16	133.14	0.38	79.9
March	948,751	48,359	2.44	47.94	1.21	111.4	7,907	1,294	22.94	140.22	0.42	95.1
April	873,863	43,906	2.49	49.64	1.27	110.0	6,007	1,002	23.78	142.55	0.48	74.8
May	929,247	47,009	2.47	48.73	1.25	100.2	6,122	1,029	23.35	138.90	0.46	71.4
June	952,000	48,574	2.42	47.38	1.20	90.4	9,006	1,481	22.42	136.33	0.47	85.5
July	1,051,379	53,700	2.44	47.70	1.15	83.3	9,357	1,538	20.71	126.01	0.40	75.7
August	1,118,779	56,932	2.43	47.75	1.16	92.6	7,640	1,266	21.17	127.71	0.40	79.3
Sept	1,011,975	51,891	2.43	47.40	1.12	100.7	6,246	1,026	21.88	133.24	0.37	80.2
October	1,013,074	51,751	2.40	47.07	1.16	105.5	6,497	1,074	22.21	134.37	0.29	78.3
November	999,479	51,032	2.40	46.93	1.17	99.5	5,800	970	22.46	134.34	0.34	75.6
December	997,447	51,264	2.39	46.58	1.19	94.0	7,253	1,212	21.36	127.87	0.42	90.1
2013												
January	956,945	49,199	2.38	46.24	1.18	88.2	7,457	1,236	21.07	127.14	0.41	71.2
February	889,847	45,484	2.39	46.73	1.27	92.6	6,212	1,007	21.33	131.54	0.40	83.0
March	939,284	47,836	2.38	46.67	1.27	91.8	9,920	1,607	20.43	126.12	0.45	126.0
April	895,136	45,281	2.42	47.74	1.28	99.2	3,814	635	21.99	131.96	0.45	50.2
May	949,381	48,270	2.41	47.32	1.24	99.8	5,991	983	20.89	127.31	0.47	72.9
June	956,723	48,779	2.39	46.96	1.21	87.0	4,697	784	21.30	127.70	0.43	61.2
July	1,021,070	52,643	2.34	45.45	1.17	85.7	7,139	1,182	20.82	125.77	0.44	63.9
August	1,060,523	54,375	2.37	46.24	1.21	88.4	8,381	1,353	19.78	122.53	0.45	95.1
Sept	964,553	49,265	2.38	46.63	1.22	92.5	4,862	792	21.66	132.99	0.34	67.7
October	947,064	48,221	2.37	46.51	1.28	97.3	6,119	1,008	21.97	133.42	0.40	83.8
November	949,052	48,528	2.37	46.37	1.22	97.6	6,293	1,033	21.60	131.57	0.41	82.7
December	950,070	48,587	2.37	46.37	1.23	85.6	7,421	1,230	21.90	132.08	0.43	86.8
2014												
January	926,836	47,957	2.30	44.54	1.17	76.8	12,029	2,016	21.72	129.65	0.32	43.8
February	863,914	43,902	2.33	45.91	1.28	78.2	12,405	2,045	21.75	132.02	0.49	112.2
March	988,920	49,861	2.38	47.13	1.30	94.2	8,996	1,474	21.54	131.41	0.39	78.6
April	949,979	47,518	2.41	48.24	1.29	112.5	6,686	1,098	23.30	141.86	0.36	91.2
Year to Date												
2012	3,866,163	197,291	2.43	47.67	1.21	108.1	28,110	4,657	22.60	136.42	0.43	85.6
2013	3,681,212	187,800	2.39	46.83	1.25	92.7	27,402	4,485	21.02	128.44	0.43	81.7
2014	3,729,650	189,238	2.36	46.47	1.26	88.5	40,117	6,633	21.95	132.80	0.40	69.8
Rolling 12 Months Ending in April												
2013	11,754,592	599,954	2.41	47.25	1.20	94.4	85,322	14,080	21.60	130.86	0.41	80.1
2014	11,528,085	587,907	2.37	46.47	1.23	90.4	91,021	14,997	21.52	130.60	0.41	73.4

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Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - April 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	107,985	3,817	0.89	25.15	5.10	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	5.16	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	5.11	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	5.09	105.6	2,378,104	2,315,637	7.47	7.67	84.6	2.61
2008	80,987	2,843	2.13	60.51	5.36	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	5.02	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	5.03	109.1	3,395,962	3,327,919	5.43	5.54	101.1	2.99
2011	99,208	3,445	3.08	88.73	5.17	99.9	3,571,348	3,507,613	5.00	5.09	101.8	3.08
2012	72,782	2,521	2.30	66.40	5.46	119.8	4,083,579	4,003,457	3.74	3.81	97.6	2.86
2013	99,088	3,463	2.10	60.05	5.34	101.6	3,736,948	3,654,627	4.50	4.60	96.9	2.98
2012												
January	7,379	255	2.45	71.02	4.81	85.9	279,420	274,897	4.05	4.12	96.4	2.85
February	6,359	217	2.46	71.86	5.19	94.5	273,306	268,688	3.72	3.79	97.7	2.78
March	5,557	194	1.93	55.37	5.76	181.7	293,402	288,321	3.39	3.45	97.6	2.79
April	4,870	169	1.98	57.09	5.08	140.6	323,371	315,071	3.12	3.21	98.1	2.76
May	4,136	143	2.75	79.88	5.42	95.2	376,312	368,744	3.27	3.33	97.8	2.79
June	5,504	188	2.40	70.40	5.87	110.8	400,778	392,707	3.42	3.49	97.4	2.84
July	3,695	127	2.64	76.56	5.84	70.0	491,080	480,504	3.64	3.72	97.7	2.92
August	5,434	188	2.62	75.86	5.63	110.5	444,330	435,215	3.80	3.88	97.3	2.91
Sept	8,450	294	2.50	71.95	5.53	162.9	356,511	349,654	3.74	3.82	97.4	2.85
October	7,203	251	2.07	59.25	5.53	161.4	304,602	298,960	4.18	4.26	98.1	2.90
November	6,304	221	2.00	57.04	5.51	126.3	262,811	257,894	4.49	4.58	97.3	2.91
December	7,891	276	2.05	58.55	5.55	162.2	277,655	272,801	4.47	4.55	98.5	2.94
2013												
January	6,816	237	1.97	56.67	5.52	93.7	288,755	282,814	4.37	4.46	98.1	2.94
February	7,272	254	2.05	58.54	5.32	115.4	259,966	254,812	4.30	4.39	98.0	2.91
March	5,449	190	2.00	57.27	5.37	80.5	280,493	274,440	4.44	4.54	98.0	2.99
April	8,309	291	2.23	63.79	5.23	133.8	257,094	251,642	4.89	4.99	98.0	3.02
May	8,610	301	2.28	65.22	5.28	83.5	286,257	279,472	4.84	4.96	98.4	3.05
June	8,302	291	2.36	67.19	4.88	83.7	343,902	336,201	4.65	4.76	96.8	3.05
July	9,006	314	2.25	64.47	5.35	93.2	405,204	395,665	4.38	4.49	95.5	3.00
August	7,910	274	2.15	62.01	5.24	82.6	415,031	406,236	4.15	4.24	95.5	2.96
Sept	10,687	373	2.09	59.92	5.32	114.6	343,087	335,876	4.36	4.45	96.3	2.96
October	9,457	333	2.06	58.58	5.37	114.9	293,607	287,021	4.41	4.51	97.0	2.93
November	7,486	262	1.87	53.23	5.41	120.6	262,233	256,260	4.46	4.56	95.8	2.91
December	9,784	343	1.84	52.48	5.75	125.9	301,318	294,189	4.95	5.07	97.1	3.09
2014												
January	8,753	309	1.72	48.60	5.22	88.7	308,366	301,321	6.20	6.34	97.9	3.44
February	8,883	312	2.01	57.15	5.47	113.1	247,398	241,650	7.01	7.18	98.0	3.55
March	11,235	396	1.94	54.97	5.85	119.1	257,274	251,457	5.92	6.06	98.8	3.22
April	11,184	394	2.07	58.69	5.61	186.0	258,751	252,596	5.34	5.47	98.9	3.13
Year to Date												
2012	24,165	835	2.24	64.79	5.20	110.8	1,169,499	1,146,977	3.55	3.62	97.5	2.80
2013	27,846	972	2.07	59.40	5.35	104.9	1,086,309	1,063,708	4.49	4.59	98.0	2.96
2014	40,054	1,411	1.94	55.10	5.56	120.7	1,071,788	1,047,025	6.11	6.26	98.4	3.33
Rolling 12 Months Ending in April												
2013	76,463	2,658	2.24	64.35	5.51	116.7	4,000,389	3,920,188	4.00	4.08	97.8	--
2014	111,296	3,903	2.05	58.42	5.42	106.9	3,722,427	3,637,943	4.97	5.08	97.0	--

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Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - April 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	4,410,775	227,700	1.41	27.27	1.13	93.3	337,011	54,152	5.35	33.31	0.61	93.6
2005	4,459,333	229,071	1.56	30.39	1.10	83.0	381,871	61,753	8.30	51.34	0.54	97.2
2006	5,204,402	266,856	1.69	33.04	1.09	97.7	117,524	19,236	9.65	58.98	0.45	104.9
2007	5,275,454	273,216	1.71	33.11	1.06	97.5	125,025	20,486	10.49	64.01	0.45	85.0
2008	5,395,142	281,258	2.03	38.98	1.04	100.4	82,124	13,657	16.30	98.03	0.41	94.4
2009	4,563,080	240,687	2.11	39.94	1.06	101.1	68,030	11,408	10.02	59.76	0.37	102.0
2010	4,555,898	243,585	2.20	41.15	1.21	96.0	49,598	8,420	14.80	87.19	0.35	89.9
2011	4,292,284	233,295	2.28	41.95	1.25	95.9	41,599	7,096	20.30	119.01	0.50	106.9
2012	4,036,436	218,341	2.21	40.92	1.42	104.9	23,922	4,073	22.34	131.28	0.44	79.8
2013	3,890,699	207,886	2.21	41.37	1.49	94.9	43,238	7,170	19.69	118.82	0.45	109.3
2012												
January	388,350	21,060	2.26	41.77	1.31	115.4	2,714	456	22.60	134.74	0.30	105.3
February	337,872	18,053	2.27	42.45	1.46	113.6	1,746	295	23.54	139.55	0.43	98.9
March	301,945	16,043	2.19	41.20	1.38	115.8	893	151	24.81	146.34	0.43	63.0
April	279,069	14,935	2.14	39.96	1.36	128.0	1,229	210	25.16	147.95	0.44	77.7
May	301,903	16,397	2.21	40.78	1.39	104.1	1,913	324	23.65	139.61	0.42	75.9
June	319,532	17,466	2.14	39.18	1.56	98.3	2,573	433	21.63	128.42	0.44	71.3
July	327,180	17,996	2.24	40.71	1.31	82.4	2,341	397	20.68	121.95	0.56	61.1
August	359,430	19,491	2.25	41.57	1.42	92.8	1,813	310	21.95	128.49	0.44	73.6
Sept	347,329	18,971	2.17	39.83	1.41	106.6	1,531	262	W	W	0.48	81.4
October	360,456	19,549	2.19	40.38	1.41	113.1	1,785	306	23.25	135.64	0.43	87.1
November	365,210	19,708	2.22	41.11	1.46	106.7	2,446	410	22.75	135.68	0.40	108.5
December	348,160	18,669	2.24	41.72	1.50	101.0	2,937	518	19.60	110.92	0.51	73.8
2013												
January	340,941	18,161	2.22	41.69	1.51	95.5	2,933	489	21.08	126.71	0.54	47.7
February	296,408	15,858	2.18	40.82	1.57	89.1	4,331	709	20.66	126.55	0.51	115.4
March	306,254	16,226	2.25	42.38	1.58	89.6	4,003	658	19.62	119.28	0.41	193.9
April	291,480	15,251	2.22	42.45	1.61	101.1	2,062	348	W	W	0.44	95.8
May	333,182	17,460	2.23	42.66	1.54	107.9	2,398	401	20.47	122.55	0.43	94.5
June	319,506	17,178	2.22	41.35	1.41	90.9	2,041	343	20.50	122.16	0.43	80.9
July	325,945	17,938	2.19	39.79	1.28	83.2	3,347	557	20.01	120.25	0.46	64.6
August	358,153	19,383	2.17	40.08	1.42	95.5	3,431	579	19.52	115.72	0.39	152.7
Sept	350,561	18,838	2.20	41.01	1.48	97.9	4,937	820	18.63	112.25	0.40	173.0
October	322,743	17,045	2.24	42.38	1.50	102.6	3,890	644	19.12	115.46	0.47	190.2
November	318,976	16,898	2.19	41.26	1.51	105.8	6,387	1,049	18.51	113.03	0.49	283.7
December	326,549	17,650	2.21	40.93	1.45	87.0	3,478	573	19.70	119.32	0.41	60.6
2014												
January	351,567	19,088	2.25	41.36	1.46	90.7	14,487	2,432	22.03	131.48	0.46	43.1
February	311,297	16,615	2.27	42.58	1.54	83.2	13,355	2,195	21.47	130.96	0.38	186.9
March	367,068	19,161	2.31	44.22	1.49	99.7	6,040	1,013	22.58	134.67	0.52	62.4
April	329,629	17,032	2.32	44.88	1.52	104.2	2,114	358	21.86	128.91	0.48	121.4
Year to Date												
2012	1,307,236	70,091	2.22	41.43	1.38	117.5	6,583	1,113	23.65	140.19	0.38	89.5
2013	1,235,084	65,497	2.22	41.83	1.57	93.6	13,329	2,204	20.48	124.05	0.46	94.1
2014	1,359,562	71,897	2.29	43.24	1.50	93.9	35,996	5,999	21.91	131.68	0.43	68.7
Rolling 12 Months Ending in April												
2013	3,964,284	213,746	2.21	41.03	1.47	97.9	30,668	5,165	W	W	0.47	83.3
2014	4,015,177	214,286	2.23	41.86	1.47	95.0	65,905	10,964	20.73	124.79	0.44	84.7

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Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - April 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	73,745	2,609	0.72	20.30	4.95	81.0	3,491,942	3,403,474	5.86	6.01	93.1	3.43
2005	92,706	3,277	0.90	25.42	5.09	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	5.13	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	4.88	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	4.63	98.8	4,061,830	3,956,155	8.93	9.17	100.5	5.07
2009	49,619	1,732	1.31	37.63	3.87	93.6	4,087,573	3,987,721	4.30	4.41	100.7	3.18
2010	30,079	1,050	1.74	49.80	3.84	72.3	4,212,611	4,119,103	4.94	5.05	100.6	3.57
2011	33,643	1,175	2.54	72.85	4.55	84.6	4,252,040	4,158,617	4.62	4.72	100.8	3.52
2012	23,024	801	0.82	23.98	5.49	92.1	4,810,553	4,696,637	3.17	3.25	93.8	2.74
2013	16,150	575	W	W	5.39	63.3	4,190,714	4,080,785	4.25	4.36	93.1	W
2012												
January	2,378	84	0.75	21.66	5.78	81.3	349,484	341,570	3.44	3.52	93.9	2.83
February	2,027	71	W	W	5.74	80.6	354,095	345,712	3.08	3.15	93.6	W
March	2,331	81	W	W	5.72	113.6	361,777	353,324	2.65	2.72	93.3	W
April	1,925	67	W	W	5.46	145.3	381,808	373,193	2.34	2.40	94.9	W
May	1,868	65	W	W	5.66	105.2	421,157	411,534	2.68	2.74	94.5	W
June	2,609	90	1.52	44.78	5.17	153.1	460,670	449,871	2.85	2.92	94.4	2.59
July	2,447	86	1.37	40.26	5.40	119.6	568,098	555,197	3.28	3.35	94.2	2.89
August	1,096	38	1.02	29.88	5.35	39.1	533,502	520,978	3.25	3.32	93.6	2.84
Sept	832	29	W	W	5.05	40.7	431,134	420,686	3.17	3.25	94.8	W
October	951	33	W	W	5.25	45.2	351,334	342,548	3.63	3.72	94.0	W
November	2,194	76	W	W	5.33	120.2	296,103	288,823	4.16	4.26	91.8	W
December	2,364	82	W	W	5.58	125.5	301,391	293,201	4.03	4.14	90.9	W
2013												
January	1,444	52	0.00	0.00	5.37	64.1	324,443	315,935	4.56	4.68	92.8	3.33
February	1,424	51	0.00	0.00	5.39	70.3	286,512	279,141	4.69	4.81	91.6	3.44
March	1,474	53	0.00	0.00	5.36	67.4	304,053	296,416	4.35	4.46	92.3	3.31
April	1,507	54	W	W	5.44	73.0	291,416	283,497	4.56	4.68	93.0	W
May	1,628	57	W	W	5.43	111.6	314,292	305,531	4.47	4.60	92.9	W
June	1,541	54	W	W	5.43	77.8	371,688	361,468	4.22	4.34	93.5	W
July	1,543	54	W	W	5.37	66.2	474,886	461,576	4.07	4.18	93.9	W
August	951	34	W	W	5.36	32.6	456,115	444,009	3.69	3.79	93.9	W
Sept	118	4	W	W	5.22	5.9	384,536	376,720	3.84	3.91	94.0	W
October	1,492	53	W	W	5.33	70.0	325,798	317,076	3.87	3.98	93.1	W
November	1,490	52	W	W	5.43	74.2	313,805	305,625	4.04	4.14	92.5	W
December	1,538	55	W	W	5.42	70.6	343,171	333,790	5.02	5.17	93.0	W
2014												
January	922	33	W	W	5.35	51.9	336,351	327,554	8.50	8.73	92.6	W
February	1,039	38	0.00	0.00	5.27	60.8	282,583	274,887	8.21	8.44	89.4	5.16
March	1,127	41	W	W	5.47	62.5	285,397	277,577	6.35	6.53	91.7	W
April	1,047	37	W	W	5.53	57.9	278,793	271,192	4.86	5.00	92.4	W
Year to Date												
2012	8,662	303	0.59	17.17	5.68	98.1	1,447,165	1,413,799	2.87	2.94	94.0	2.57
2013	5,849	210	W	W	5.39	68.6	1,206,424	1,174,989	4.54	4.66	92.4	W
2014	4,135	149	W	W	5.41	58.3	1,183,124	1,151,210	7.07	7.26	91.5	W
Rolling 12 Months Ending in April												
2013	20,210	708	W	W	5.38	81.7	4,569,812	4,457,827	3.63	3.72	93.4	W
2014	14,436	514	W	W	5.40	59.9	4,167,414	4,057,005	4.96	5.09	92.9	W

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Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2004 - April 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	10,682	451	2.08	49.32	2.48	23.5	3,066	527	6.19	35.96	0.20	26.9
2005	11,081	464	2.57	61.21	2.43	24.2	1,684	289	8.28	48.22	0.17	18.3
2006	12,207	518	2.63	61.95	2.51	27.5	798	137	13.50	78.70	0.17	15.5
2007	12,419	531	2.67	62.46	2.58	27.6	249	43	14.04	81.93	0.17	6.2
2008	43,997	2,009	2.65	58.12	1.73	99.4	3,800	633	17.84	107.10	0.37	102.0
2009	41,182	1,876	2.90	63.68	1.67	104.3	3,517	583	10.82	65.26	0.45	122.1
2010	37,778	1,747	2.82	61.06	1.77	101.6	2,395	400	15.24	91.25	0.38	106.3
2011	35,892	1,686	2.92	62.24	1.78	101.1	1,959	325	19.67	118.66	0.55	108.0
2012	4,427	192	3.41	78.71	2.75	13.2	247	43	W	W	0.00	11.0
2013	3,507	151	W	W	3.05	10.7	0	0	--	--	--	0.0
2012												
January	399	17	W	W	2.86	11.3	10	2	23.14	133.20	0.00	2.2
February	394	17	3.62	83.49	2.90	12.7	2	0	W	W	0.00	1.7
March	416	18	3.50	81.68	2.65	14.0	2	0	W	W	0.00	1.5
April	523	22	W	W	1.62	21.2	14	3	W	W	0.00	13.8
May	409	18	3.71	85.51	2.70	16.4	5	1	W	W	0.00	3.3
June	291	13	W	W	2.57	11.7	48	8	W	W	0.00	30.3
July	239	10	W	W	2.87	8.6	21	4	W	W	0.00	6.5
August	464	21	W	W	2.69	17.1	47	8	W	W	0.00	24.8
Sept	241	11	W	W	3.13	9.9	19	3	W	W	0.00	16.5
October	159	7	W	W	3.53	6.9	42	7	W	W	0.00	31.5
November	380	17	W	W	3.19	13.5	18	3	W	W	0.00	10.1
December	511	22	2.94	67.86	3.21	15.7	18	3	W	W	0.00	10.3
2013												
January	390	17	W	W	2.99	11.3	0	0	--	--	--	0.0
February	394	17	W	W	3.07	12.0	0	0	--	--	--	0.0
March	489	21	W	W	2.74	15.5	0	0	--	--	--	0.0
April	241	10	W	W	3.04	9.6	0	0	--	--	--	0.0
May	383	17	W	W	2.96	14.6	0	0	--	--	--	0.0
June	355	16	W	W	2.91	14.7	0	0	--	--	--	0.0
July	209	9	W	W	3.41	8.6	0	0	--	--	--	0.0
August	386	17	W	W	2.82	15.8	0	0	--	--	--	0.0
Sept	143	6	W	W	3.37	6.2	0	0	--	--	--	0.0
October	61	3	W	W	3.34	2.7	0	0	--	--	--	0.0
November	202	9	W	W	3.52	7.4	0	0	--	--	--	0.0
December	254	11	W	W	3.45	8.3	0	0	--	--	--	0.0
2014												
January	400	18	W	W	3.06	11.8	0	0	--	--	--	0.0
February	407	18	W	W	2.91	12.2	0	0	--	--	--	0.0
March	452	20	W	W	2.72	13.9	0	0	--	--	--	0.0
April	364	15	W	W	1.91	13.3	0	0	--	--	--	0.0
Year to Date												
2012	1,733	74	3.72	87.17	2.44	14.2	28	5	W	W	0.00	3.5
2013	1,514	65	W	W	2.94	12.2	0	0	--	--	--	0.0
2014	1,623	70	W	W	2.67	12.8	0	0	--	--	--	0.0
Rolling 12 Months Ending in April												
2013	4,208	183	W	W	2.95	12.5	218	38	W	W	0.00	9.1
2014	3,616	156	W	W	2.93	10.9	0	0	--	--	--	0.0

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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.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commerical Sector, 2004 - April 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	0	0	--	--	--	0.0	16,176	15,804	5.93	6.07	21.9	4.58
2005	0	0	--	--	--	0.0	17,600	17,142	8.38	8.60	25.2	6.25
2006	0	0	--	--	--	0.0	21,369	20,819	8.33	8.55	30.7	6.42
2007	0	0	--	--	--	0.0	23,502	22,955	7.99	8.18	32.8	6.20
2008	370	14	2.14	58.36	5.53	135.3	71,670	69,877	9.01	9.24	105.5	6.94
2009	252	9	1.65	46.54	5.11	102.8	81,134	79,308	5.18	5.30	105.0	4.58
2010	410	15	2.19	60.59	5.67	122.5	92,055	90,130	5.39	5.51	105.1	4.83
2011	268	9	W	W	5.46	147.4	95,287	93,306	5.20	5.31	107.2	W
2012	0	0	--	--	--	0.0	18,315	18,008	5.88	5.98	16.2	W
2013	0	0	--	--	--	0.0	5,497	5,450	W	W	5.1	W
2012												
January	0	0	--	--	--	0.0	1,688	1,657	6.82	6.95	18.1	W
February	0	0	--	--	--	0.0	1,758	1,727	6.32	6.43	19.6	W
March	0	0	--	--	--	0.0	1,587	1,560	6.24	6.35	17.6	W
April	0	0	--	--	--	0.0	1,465	1,438	5.45	5.55	16.9	W
May	0	0	--	--	--	0.0	1,230	1,208	5.51	5.61	13.7	W
June	0	0	--	--	--	0.0	1,265	1,244	5.49	5.58	12.9	W
July	0	0	--	--	--	0.0	1,530	1,507	5.30	5.39	12.4	W
August	0	0	--	--	--	0.0	1,273	1,255	5.79	5.88	11.9	W
Sept	0	0	--	--	--	0.0	1,495	1,477	5.25	5.32	15.9	W
October	0	0	--	--	--	0.0	1,733	1,705	5.47	5.56	19.8	W
November	0	0	--	--	--	0.0	1,593	1,565	6.41	6.52	18.9	W
December	0	0	--	--	--	0.0	1,698	1,666	6.17	6.29	20.1	W
2013												
January	0	0	--	--	--	0.0	330	327	W	W	3.5	W
February	0	0	--	--	--	0.0	361	357	W	W	4.2	W
March	0	0	--	--	--	0.0	382	378	W	W	4.3	W
April	0	0	--	--	--	0.0	375	371	W	W	4.7	W
May	0	0	--	--	--	0.0	467	464	W	W	5.7	W
June	0	0	--	--	--	0.0	404	401	W	W	4.9	W
July	0	0	--	--	--	0.0	445	440	W	W	4.5	W
August	0	0	--	--	--	0.0	414	411	W	W	4.3	W
Sept	0	0	--	--	--	0.0	560	554	W	W	6.6	W
October	0	0	--	--	--	0.0	633	629	W	W	7.5	W
November	0	0	--	--	--	0.0	529	524	W	W	5.7	W
December	0	0	--	--	--	0.0	599	592	W	W	5.7	W
2014												
January	0	0	--	--	--	0.0	405	400	W	W	4.1	W
February	0	0	--	--	--	0.0	296	292	W	W	3.3	W
March	0	0	--	--	--	0.0	354	349	W	W	4.1	W
April	0	0	--	--	--	0.0	439	435	W	W	5.3	W
Year to Date												
2012	0	0	--	--	--	0.0	6,498	6,382	6.23	6.34	18.1	W
2013	0	0	--	--	--	0.0	1,447	1,434	W	W	4.1	W
2014	0	0	--	--	--	0.0	1,493	1,476	W	W	4.2	W
Rolling 12 Months Ending in April												
2013	0	0	--	--	--	0.0	13,263	13,059	W	W	11.8	W
2014	0	0	--	--	--	0.0	5,543	5,493	W	W	5.1	W

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See the Technical Notes for fuel conversion factors.

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Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2004 - April 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	326,495	15,324	1.63	34.79	1.43	57.6	25,491	4,107	4.98	30.93	1.38	18.5
2005	339,968	16,011	1.94	41.17	1.42	61.9	36,383	5,876	6.64	41.13	1.36	26.4
2006	320,640	15,208	2.03	42.76	1.47	60.2	19,514	3,214	7.57	45.95	1.30	21.2
2007	303,091	13,540	2.20	49.16	1.36	60.1	33,637	5,514	8.53	52.06	1.33	38.8
2008	493,724	22,044	2.72	60.96	1.28	100.7	48,822	7,958	12.50	76.69	1.01	109.0
2009	431,686	19,661	2.81	61.68	1.22	99.5	55,899	9,232	9.83	59.52	0.83	112.8
2010	468,991	21,492	2.75	60.08	1.26	87.2	33,276	5,554	13.21	79.15	0.93	125.6
2011	476,108	22,204	2.93	62.86	1.33	99.5	28,939	4,878	17.67	104.83	1.08	144.8
2012	285,172	13,206	3.02	65.24	1.33	65.8	6,739	1,095	W	W	1.52	40.8
2013	196,902	8,700	W	W	1.51	44.4	2,023	328	18.42	113.46	1.66	14.6
2012												
January	26,254	1,221	W	W	1.35	60.6	700	113	17.49	108.36	1.64	23.6
February	22,263	1,040	2.99	63.96	1.36	56.8	503	82	W	W	1.46	37.0
March	22,967	1,071	3.06	65.58	1.23	63.6	879	147	W	W	1.15	54.3
April	22,649	1,044	W	W	1.37	70.5	538	87	W	W	1.47	44.5
May	22,811	1,053	3.07	66.43	1.42	67.4	556	91	W	W	1.40	45.8
June	22,523	1,037	W	W	1.45	66.8	515	84	W	W	1.52	50.8
July	24,473	1,143	W	W	1.30	66.8	776	125	W	W	1.63	74.9
August	26,133	1,208	W	W	1.36	70.9	540	88	W	W	1.62	47.6
Sept	23,802	1,098	W	W	1.24	71.5	413	66	W	W	1.71	40.5
October	24,214	1,117	W	W	1.28	70.4	394	64	W	W	1.58	25.8
November	23,495	1,089	W	W	1.32	66.0	359	58	W	W	1.54	31.5
December	23,589	1,085	3.02	65.67	1.30	61.9	565	91	W	W	1.67	43.2
2013												
January	16,110	717	W	W	1.42	41.5	271	44	18.59	114.45	1.76	17.1
February	14,495	639	W	W	1.54	39.9	199	33	18.09	110.10	1.38	16.3
March	16,525	739	W	W	1.41	43.1	255	41	18.33	114.33	1.69	22.5
April	15,631	684	W	W	1.54	44.6	209	34	W	W	1.73	16.6
May	17,144	757	W	W	1.47	48.0	200	32	18.00	112.37	1.65	15.3
June	15,481	682	W	W	1.36	43.2	234	38	18.49	114.07	1.83	21.3
July	17,052	759	W	W	1.50	45.8	167	27	17.47	108.96	1.84	14.0
August	16,786	736	W	W	1.51	46.2	143	24	18.57	112.14	1.82	12.4
Sept	16,427	728	W	W	1.58	47.1	70	12	18.34	110.96	1.45	8.3
October	16,767	736	W	W	1.56	44.7	84	14	19.32	119.82	0.80	9.3
November	17,334	760	W	W	1.65	45.2	69	12	20.57	123.01	0.99	7.6
December	17,149	765	W	W	1.61	43.4	122	20	19.07	117.04	1.57	10.1
2014												
January	16,877	750	W	W	1.49	41.6	310	50	19.16	117.73	1.34	10.0
February	16,046	707	W	W	1.53	43.0	274	44	20.61	127.88	1.01	16.4
March	18,428	812	W	W	1.63	46.2	115	19	21.18	130.19	1.11	7.4
April	15,778	709	W	W	1.46	46.6	107	17	17.49	109.27	1.76	10.7
Year to Date												
2012	94,133	4,377	3.04	65.34	1.33	62.4	2,620	430	W	W	1.41	36.8
2013	62,761	2,778	W	W	1.48	42.2	934	151	18.31	112.97	1.68	17.9
2014	67,129	2,978	W	W	1.53	44.3	805	130	19.72	121.84	1.26	11.0
Rolling 12 Months Ending in April												
2013	253,801	11,607	W	W	1.37	59.1	5,053	817	W	W	1.60	34.6
2014	201,269	8,900	W	W	1.53	45.0	1,895	307	19.02	117.26	1.46	11.9

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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.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2004 - April 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	14,876	540	0.98	27.01	5.59	40.4	839,886	814,843	6.04	6.22	68.4	4.76
2005	16,620	594	1.21	33.75	5.44	58.2	828,882	805,132	8.00	8.24	74.3	6.18
2006	17,875	646	1.63	45.05	5.43	42.7	869,157	844,211	7.02	7.22	75.7	5.64
2007	19,700	698	1.96	55.42	5.52	43.6	896,803	871,178	6.97	7.18	82.9	5.78
2008	39,246	1,396	3.34	93.84	4.92	117.9	1,099,613	1,068,372	8.95	9.22	111.9	7.10
2009	38,924	1,381	1.80	50.82	4.51	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	4.90	100.5	1,166,768	1,135,917	4.64	4.77	110.4	4.24
2011	37,981	1,351	W	W	5.03	108.3	1,331,977	1,296,628	4.28	4.40	122.0	W
2012	23,861	858	2.62	72.96	5.86	42.2	834,245	813,288	2.97	3.05	70.8	W
2013	14,500	517	W	W	6.08	30.3	744,385	722,441	W	W	63.0	W
2012												
January	1,461	54	3.34	91.14	5.57	26.5	71,420	69,608	3.21	3.30	73.8	W
February	428	16	W	W	5.31	10.5	65,859	64,147	2.85	2.93	72.2	W
March	1,900	68	W	W	5.33	44.1	67,637	65,868	2.58	2.66	72.5	W
April	2,282	82	W	W	5.64	61.4	67,492	65,641	2.34	2.41	72.7	W
May	2,579	93	W	W	5.53	69.1	68,198	66,297	2.38	2.46	69.8	W
June	2,062	73	2.59	72.74	5.79	48.2	70,695	68,812	2.65	2.73	70.4	W
July	1,419	51	2.58	71.62	6.07	29.9	73,402	71,204	2.94	3.04	66.4	W
August	2,088	75	2.60	72.32	6.13	37.0	71,324	70,263	3.12	3.17	67.1	W
Sept	2,643	95	W	W	6.16	53.0	66,883	65,236	2.83	2.91	68.3	W
October	1,760	63	W	W	6.27	38.0	68,718	67,113	3.20	3.28	71.8	W
November	2,466	88	W	W	6.01	44.7	68,292	66,625	3.61	3.71	71.7	W
December	2,773	100	W	W	6.05	52.9	74,324	72,475	3.81	3.91	74.0	W
2013												
January	1,642	59	2.23	62.30	6.34	31.0	61,318	59,759	W	W	58.9	W
February	863	31	W	W	6.39	21.1	58,825	57,075	W	W	62.7	W
March	1,159	41	W	W	6.25	25.7	62,684	60,482	W	W	61.7	W
April	1,194	43	W	W	6.25	26.6	57,831	56,203	W	W	62.7	W
May	1,281	45	W	W	6.08	39.7	61,770	60,091	W	W	64.4	W
June	1,450	52	W	W	5.91	43.4	63,835	61,941	W	W	66.9	W
July	1,415	50	W	W	6.27	37.7	63,264	61,407	W	W	63.2	W
August	1,807	63	W	W	6.14	50.7	64,219	62,428	W	W	63.4	W
Sept	1,277	45	W	W	5.96	36.4	59,596	57,833	W	W	63.5	W
October	998	36	W	W	5.60	24.3	61,454	59,591	W	W	64.1	W
November	486	17	W	W	6.03	13.2	63,475	61,578	W	W	63.8	W
December	927	35	W	W	5.52	22.2	66,113	64,053	W	W	61.3	W
2014												
January	219	8	W	W	6.07	6.7	63,475	61,566	W	W	60.9	W
February	161	6	W	W	6.30	6.3	56,978	55,227	W	W	62.5	W
March	577	21	W	W	5.82	20.9	61,176	59,323	W	W	61.5	W
April	503	18	W	W	6.00	19.8	56,194	54,552	W	W	62.3	W
Year to Date												
2012	6,072	220	2.78	76.94	5.50	34.2	272,408	265,265	2.75	2.83	72.8	W
2013	4,858	173	W	W	6.31	26.4	240,658	233,519	W	W	61.4	W
2014	1,460	52	W	W	5.97	13.2	237,824	230,668	W	W	61.8	W
Rolling 12 Months Ending in April												
2013	22,648	811	W	W	6.06	39.7	802,495	781,543	W	W	67.1	W
2014	11,102	396	W	W	5.97	27.4	741,551	719,590	W	W	63.1	W

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Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, April 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	240	183	31.0%	113	69	126	112	0	0	1	2
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	9	5	75.0%	0	0	8	4	0	0	1	2
Massachusetts	118	109	8.6%	0	0	118	109	0	0	0	0
New Hampshire	113	69	64.0%	113	69	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,345	2,945	14.0%	0	0	3,307	2,907	0	0	38	38
New Jersey	87	53	64.0%	0	0	87	53	0	0	0	0
New York	312	238	31.0%	0	0	288	206	0	0	25	32
Pennsylvania	2,946	2,654	11.0%	0	0	2,932	2,648	0	0	13	6
East North Central	16,178	14,269	13.0%	10,448	9,546	5,508	4,494	9	4	214	225
Illinois	5,204	4,168	25.0%	456	404	4,597	3,619	0	0	151	145
Indiana	3,444	2,785	24.0%	3,204	2,575	240	209	0	0	0	0
Michigan	1,948	2,305	-15.0%	1,923	2,272	13	20	9	4	4	9
Ohio	3,607	3,250	11.0%	2,925	2,585	659	645	0	0	24	21
Wisconsin	1,975	1,761	12.0%	1,940	1,711	0	0	0	0	35	50
West North Central	9,857	9,285	6.2%	9,744	9,202	0	0	6	6	107	76
Iowa	1,126	1,322	-15.0%	1,019	1,245	0	0	0	0	107	76
Kansas	1,500	1,316	14.0%	1,500	1,316	0	0	0	0	0	0
Minnesota	1,294	1,124	15.0%	1,294	1,124	0	0	0	0	0	0
Missouri	3,092	2,871	7.7%	3,086	2,865	0	0	6	6	0	0
Nebraska	1,015	860	18.0%	1,015	860	0	0	0	0	0	0
North Dakota	1,646	1,656	-0.6%	1,646	1,656	0	0	0	0	0	0
South Dakota	184	136	35.0%	184	136	0	0	0	0	0	0
South Atlantic	10,362	8,336	24.0%	7,968	6,692	2,266	1,500	0	0	128	144
Delaware	70	46	51.0%	0	0	70	46	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,503	1,479	1.6%	1,426	1,427	77	52	0	0	0	0
Georgia	1,763	1,190	48.0%	1,710	1,143	0	0	0	0	53	47
Maryland	932	439	112.0%	0	0	901	407	0	0	31	32
North Carolina	1,404	1,316	6.7%	1,404	1,316	0	0	0	0	0	0
South Carolina	957	788	21.0%	937	779	0	0	0	0	20	9
Virginia	769	639	20.0%	695	535	75	66	0	0	0	38
West Virginia	2,964	2,438	22.0%	1,796	1,491	1,144	929	0	0	24	18
East South Central	6,851	7,364	-7.0%	6,423	6,930	293	298	0	0	136	136
Alabama	1,788	1,800	-0.7%	1,788	1,800	0	0	0	0	0	0
Kentucky	2,836	3,408	-17.0%	2,836	3,408	0	0	0	0	0	0
Mississippi	563	503	12.0%	271	204	293	298	0	0	0	0
Tennessee	1,664	1,652	0.7%	1,528	1,516	0	0	0	0	136	136
West South Central	9,638	10,627	-9.3%	5,094	5,660	4,544	4,967	0	0	0	0
Arkansas	1,108	1,362	-19.0%	928	1,264	180	98	0	0	0	0
Louisiana	747	923	-19.0%	306	406	441	517	0	0	0	0
Oklahoma	1,461	1,388	5.2%	1,381	1,296	80	92	0	0	0	0
Texas	6,323	6,953	-9.1%	2,479	2,693	3,844	4,260	0	0	0	0
Mountain	8,206	8,043	2.0%	7,548	7,126	616	887	0	0	42	30
Arizona	1,783	1,514	18.0%	1,783	1,514	0	0	0	0	0	0
Colorado	1,411	1,517	-7.0%	1,411	1,517	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	585	825	-29.0%	0	0	585	825	0	0	0	0
Nevada	363	292	24.0%	332	230	31	61	0	0	0	0
New Mexico	974	940	3.6%	974	940	0	0	0	0	0	0
Utah	1,059	1,126	-6.0%	1,017	1,096	0	0	0	0	42	30
Wyoming	2,032	1,829	11.0%	2,032	1,829	0	0	0	0	0	0
Pacific Contiguous	537	117	360.0%	180	56	313	28	0	0	43	33
California	65	33	97.0%	0	0	22	0	0	0	43	33
Oregon	180	56	223.0%	180	56	0	0	0	0	0	0
Washington	291	28	946.0%	0	0	291	28	0	0	0	0
Pacific Noncontiguous	60	58	3.1%	0	0	60	58	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	60	58	3.1%	0	0	60	58	0	0	0	0
U.S. Total	65,274	61,226	6.6%	47,518	45,281	17,032	15,251	15	10	709	684

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

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

Table 4.6.B. Receipts of Coal Delivered for Electricity Generation by State, (Year-to-Date) April 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	1,246	1,067	17.0%	228	327	1,000	727	0	0	18	13
Connecticut	386	70	454.0%	0	0	386	70	0	0	0	0
Maine	50	33	55.0%	0	0	33	20	0	0	18	13
Massachusetts	581	637	-8.8%	0	0	581	637	0	0	0	0
New Hampshire	228	327	-30.0%	228	327	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	13,103	12,390	5.8%	0	0	12,955	12,242	0	0	148	149
New Jersey	424	267	59.0%	0	0	424	267	0	0	0	0
New York	1,379	971	42.0%	0	0	1,284	858	0	0	96	113
Pennsylvania	11,300	11,152	1.3%	0	0	11,248	11,116	0	0	52	36
East North Central	61,287	55,831	9.8%	38,685	36,326	21,647	18,568	27	27	928	910
Illinois	20,773	18,021	15.0%	1,891	1,944	18,240	15,443	0	0	643	635
Indiana	13,301	11,321	17.0%	12,391	10,520	910	801	0	0	0	0
Michigan	6,537	7,151	-8.6%	6,427	7,060	45	20	27	27	37	43
Ohio	14,088	12,924	9.0%	11,535	10,528	2,452	2,304	0	0	101	92
Wisconsin	6,588	6,414	2.7%	6,440	6,274	0	0	0	0	147	140
West North Central	44,208	42,286	4.5%	43,717	41,845	0	0	43	38	448	403
Iowa	5,712	6,103	-6.4%	5,264	5,700	0	0	0	0	448	403
Kansas	6,324	5,849	8.1%	6,324	5,849	0	0	0	0	0	0
Minnesota	4,903	4,381	12.0%	4,903	4,381	0	0	0	0	0	0
Missouri	13,853	13,423	3.2%	13,810	13,386	0	0	43	38	0	0
Nebraska	4,924	4,649	5.9%	4,924	4,649	0	0	0	0	0	0
North Dakota	7,816	7,244	7.9%	7,816	7,244	0	0	0	0	0	0
South Dakota	676	637	6.2%	676	637	0	0	0	0	0	0
South Atlantic	36,314	34,099	6.5%	27,494	27,217	8,193	6,362	0	0	627	521
Delaware	256	193	33.0%	0	0	256	193	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	6,014	5,513	9.1%	5,862	5,397	152	116	0	0	0	0
Georgia	5,517	5,683	-2.9%	5,344	5,554	0	0	0	0	173	129
Maryland	3,088	2,184	41.0%	0	0	2,944	2,054	0	0	144	129
North Carolina	4,415	4,911	-10.0%	4,415	4,911	0	0	0	0	0	0
South Carolina	2,982	3,055	-2.4%	2,902	3,017	0	0	0	0	80	38
Virginia	3,484	2,264	54.0%	3,054	1,952	331	164	0	0	99	147
West Virginia	10,558	10,298	2.5%	5,917	6,386	4,510	3,834	0	0	131	77
East South Central	26,727	28,661	-6.7%	25,260	26,683	911	1,438	0	0	556	540
Alabama	6,756	6,789	-0.5%	6,756	6,789	0	0	0	0	0	0
Kentucky	11,648	13,231	-12.0%	11,648	13,231	0	0	0	0	0	0
Mississippi	1,539	2,117	-27.0%	628	680	911	1,438	0	0	0	0
Tennessee	6,783	6,523	4.0%	6,227	5,984	0	0	0	0	556	540
West South Central	44,585	45,323	-1.6%	22,721	23,988	21,864	21,335	0	0	0	0
Arkansas	5,564	5,282	5.3%	4,881	4,758	683	524	0	0	0	0
Louisiana	2,973	4,414	-33.0%	1,165	2,227	1,809	2,188	0	0	0	0
Oklahoma	6,209	5,765	7.7%	5,867	5,397	342	368	0	0	0	0
Texas	29,839	29,861	-0.1%	10,808	11,606	19,031	18,255	0	0	0	0
Mountain	33,571	34,444	-2.5%	30,429	30,704	3,063	3,695	0	0	78	45
Arizona	7,256	6,770	7.2%	7,256	6,770	0	0	0	0	0	0
Colorado	6,071	6,231	-2.6%	6,071	6,231	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	2,790	3,428	-19.0%	0	0	2,790	3,428	0	0	0	0
Nevada	1,442	653	121.0%	1,169	386	273	267	0	0	0	0
New Mexico	3,817	4,776	-20.0%	3,817	4,776	0	0	0	0	0	0
Utah	4,137	4,490	-7.9%	4,059	4,445	0	0	0	0	78	45
Wyoming	8,058	8,096	-0.5%	8,058	8,096	0	0	0	0	0	0
Pacific Contiguous	2,900	1,801	61.0%	705	708	2,020	895	0	0	175	198
California	251	240	4.3%	0	0	76	42	0	0	175	198
Oregon	705	708	-0.5%	705	708	0	0	0	0	0	0
Washington	1,944	852	128.0%	0	0	1,944	852	0	0	0	0
Pacific Noncontiguous	243	237	2.6%	0	0	243	237	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	243	237	2.6%	0	0	243	237	0	0	0	0
U.S. Total	264,183	256,140	3.1%	189,238	187,800	71,897	65,497	70	65	2,978	2,778

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Totals may not equal sum of components because of independent rounding. Percentage change 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, April 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	15	20	-23.0%	2	0	11	17	0	0	2	2
Connecticut	1	1	26.0%	0	0	1	1	0	0	0	0
Maine	5	9	-45.0%	0	0	3	7	0	0	2	2
Massachusetts	1	10	-88.0%	0	0	1	10	0	0	0	0
New Hampshire	2	0	475.0%	2	0	0	0	0	0	0	0
Rhode Island	7	0	--	0	0	7	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	175	101	75.0%	111	0	64	97	0	0	0	4
New Jersey	11	3	284.0%	0	0	11	3	0	0	0	0
New York	150	60	149.0%	111	0	38	56	0	0	0	4
Pennsylvania	15	38	-60.0%	0	0	15	37	0	0	0	0
East North Central	90	113	-21.0%	76	99	12	13	0	0	2	1
Illinois	11	7	60.0%	3	2	8	5	0	0	0	0
Indiana	27	26	4.7%	27	26	0	0	0	0	0	0
Michigan	20	17	15.0%	18	16	0	0	0	0	1	1
Ohio	28	58	-53.0%	24	50	3	7	0	0	1	0
Wisconsin	4	4	-11.0%	4	4	0	0	0	0	0	1
West North Central	42	45	-7.2%	42	45	0	0	0	0	0	0
Iowa	11	13	-18.0%	11	13	0	0	0	0	0	0
Kansas	7	7	-6.6%	7	7	0	0	0	0	0	0
Minnesota	4	2	76.0%	4	2	0	0	0	0	0	0
Missouri	17	6	188.0%	17	6	0	0	0	0	0	0
Nebraska	2	8	-80.0%	2	8	0	0	0	0	0	0
North Dakota	1	8	-84.0%	1	8	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	290	136	114.0%	191	81	86	28	0	0	13	26
Delaware	1	2	-50.0%	0	0	1	2	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	69	23	198.0%	66	20	3	3	0	0	0	0
Georgia	12	27	-54.0%	10	18	0	0	0	0	2	9
Maryland	77	11	608.0%	0	0	77	11	0	0	0	0
North Carolina	23	21	11.0%	23	21	0	0	0	0	0	0
South Carolina	22	22	2.6%	11	7	0	0	0	0	11	15
Virginia	77	24	219.0%	71	9	6	12	0	0	0	3
West Virginia	9	7	30.0%	9	7	0	0	0	0	0	0
East South Central	26	20	28.0%	26	20	0	0	0	0	0	0
Alabama	10	5	100.0%	10	5	0	0	0	0	0	0
Kentucky	9	9	7.9%	9	9	0	0	0	0	0	0
Mississippi	3	3	5.9%	3	3	0	0	0	0	0	0
Tennessee	3	4	-9.5%	3	4	0	0	0	0	0	0
West South Central	25	27	-8.1%	16	13	9	15	0	0	0	0
Arkansas	9	8	12.0%	7	5	2	3	0	0	0	0
Louisiana	7	5	62.0%	4	0	3	5	0	0	0	0
Oklahoma	0	1	-100.0%	0	1	0	0	0	0	0	0
Texas	9	14	-38.0%	4	7	4	7	0	0	0	0
Mountain	33	31	5.6%	30	30	3	2	0	0	0	0
Arizona	2	8	-77.0%	2	8	0	0	0	0	0	0
Colorado	0	2	-100.0%	0	2	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	3	1	100.0%	0	0	3	1	0	0	0	0
Nevada	4	2	81.0%	4	2	0	0	0	0	0	0
New Mexico	18	5	235.0%	18	5	0	0	0	0	0	0
Utah	2	3	-42.0%	2	3	0	0	0	0	0	0
Wyoming	5	9	-44.0%	5	9	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	778	525	48.0%	605	348	174	177	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	778	525	48.0%	605	348	174	177	0	0	0	0
U.S. Total	1,474	1,017	45.0%	1,098	635	358	348	0	0	17	34

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Totals may not equal sum of components because of independent rounding. Percentage change 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) April 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	1,696	801	112.0%	148	105	1,515	689	0	0	33	8
Connecticut	265	105	152.0%	0	0	265	105	0	0	0	0
Maine	231	370	-38.0%	0	0	198	362	0	0	33	8
Massachusetts	808	201	301.0%	20	0	788	201	0	0	0	0
New Hampshire	307	105	193.0%	128	105	179	0	0	0	0	0
Rhode Island	86	20	329.0%	0	0	86	20	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,217	834	286.0%	708	166	2,503	653	0	0	6	14
New Jersey	224	27	720.0%	0	0	224	27	0	0	0	0
New York	2,198	649	239.0%	708	166	1,484	468	0	0	5	14
Pennsylvania	796	158	403.0%	0	0	795	158	0	0	1	1
East North Central	673	355	89.0%	387	294	263	54	0	0	23	8
Illinois	66	35	87.0%	12	10	54	25	0	0	0	0
Indiana	110	80	38.0%	110	80	0	0	0	0	0	0
Michigan	101	72	39.0%	93	67	0	0	0	0	8	5
Ohio	346	141	145.0%	125	111	208	28	0	0	14	2
Wisconsin	50	26	90.0%	48	25	1	1	0	0	1	1
West North Central	216	161	34.0%	216	161	0	0	0	0	0	0
Iowa	31	39	-19.0%	31	39	0	0	0	0	0	0
Kansas	25	29	-14.0%	25	29	0	0	0	0	0	0
Minnesota	51	7	613.0%	51	7	0	0	0	0	0	0
Missouri	75	38	96.0%	75	38	0	0	0	0	0	0
Nebraska	18	13	38.0%	18	13	0	0	0	0	0	0
North Dakota	14	31	-54.0%	14	31	0	0	0	0	0	0
South Dakota	1	5	-79.0%	1	5	0	0	0	0	0	0
South Atlantic	3,252	960	239.0%	2,166	701	1,018	138	0	0	68	121
Delaware	12	10	20.0%	0	0	12	10	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	142	393	-64.0%	135	388	7	5	0	0	0	0
Georgia	199	100	98.0%	121	57	47	4	0	0	30	39
Maryland	701	50	NM	0	0	701	50	0	0	0	0
North Carolina	509	138	270.0%	498	89	11	49	0	0	0	0
South Carolina	386	104	272.0%	366	35	0	0	0	0	20	69
Virginia	1,210	103	NM	981	71	211	20	0	0	18	13
West Virginia	93	63	49.0%	64	63	29	0	0	0	0	0
East South Central	236	357	-34.0%	213	357	23	0	0	0	0	0
Alabama	83	76	9.5%	61	76	23	0	0	0	0	0
Kentucky	56	59	-4.6%	56	59	0	0	0	0	0	0
Mississippi	9	3	213.0%	9	3	0	0	0	0	0	0
Tennessee	88	219	-60.0%	88	219	0	0	0	0	0	0
West South Central	110	91	21.0%	43	30	67	61	0	0	0	0
Arkansas	15	16	-9.7%	9	5	5	12	0	0	0	0
Louisiana	34	24	45.0%	14	5	21	18	0	0	0	0
Oklahoma	1	1	9.9%	1	1	0	0	0	0	0	0
Texas	60	50	20.0%	20	19	40	31	0	0	0	0
Mountain	135	130	3.7%	128	125	7	4	0	0	0	0
Arizona	34	44	-21.0%	34	44	0	0	0	0	0	0
Colorado	1	3	-72.0%	1	3	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	7	3	148.0%	0	0	7	3	0	0	0	0
Nevada	7	8	-6.5%	7	6	0	2	0	0	0	0
New Mexico	46	26	79.0%	46	26	0	0	0	0	0	0
Utah	13	25	-49.0%	13	25	0	0	0	0	0	0
Wyoming	26	22	20.0%	26	22	0	0	0	0	0	0
Pacific Contiguous	4	20	-81.0%	0	15	4	5	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	4	20	-81.0%	0	15	4	5	0	0	0	0
Pacific Noncontiguous	3,224	3,131	2.9%	2,624	2,531	600	600	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	3,224	3,131	2.9%	2,624	2,531	600	600	0	0	0	0
U.S. Total	12,762	6,841	87.0%	6,633	4,485	5,999	2,204	0	0	130	151

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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, April 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	115	67	71.0%	67	0	37	54	0	0	10	13
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	35	0	--	35	0	0	0	0	0	0	0
Michigan	29	3	731.0%	27	0	1	3	0	0	0	0
Ohio	35	51	-30.0%	0	0	35	51	0	0	0	0
Wisconsin	15	13	15.0%	5	0	0	0	0	0	10	13
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	145	99	47.0%	138	91	0	0	0	0	8	8
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	138	91	51.0%	138	91	0	0	0	0	0	0
Georgia	8	8	-4.1%	0	0	0	0	0	0	8	8
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	36	34	7.6%	36	34	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	36	34	7.6%	36	34	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	153	187	-18.0%	153	166	0	0	0	0	0	22
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	153	166	-7.7%	153	166	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	22	-100.0%	0	0	0	0	0	0	0	22
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	449	387	16.0%	394	291	37	54	0	0	18	43

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Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) April 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	466	273	71.0%	280	14	149	210	0	0	37	49
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	152	0	--	152	0	0	0	0	0	0	0
Michigan	114	17	555.0%	111	14	3	3	0	0	0	0
Ohio	146	206	-29.0%	0	0	146	206	0	0	0	0
Wisconsin	53	49	8.3%	17	0	0	0	0	0	37	49
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	480	247	94.0%	464	231	0	0	0	0	16	16
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	464	231	101.0%	464	231	0	0	0	0	0	0
Georgia	16	16	-0.7%	0	0	0	0	0	0	16	16
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	101	206	-51.0%	101	206	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	101	206	-51.0%	101	206	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	566	629	-9.9%	566	520	0	0	0	0	0	108
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	566	520	8.9%	566	520	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	108	-100.0%	0	0	0	0	0	0	0	108
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,613	1,355	19.0%	1,411	972	149	210	0	0	52	173

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

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, April 2014 and 2013
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	27,946	28,169	-0.8%	108	29	27,414	27,336	0	0	424	805
Connecticut	8,376	8,125	3.1%	0	0	8,376	8,125	0	0	0	0
Maine	2,241	2,445	-8.3%	0	0	1,817	1,640	0	0	424	805
Massachusetts	10,463	13,482	-22.0%	46	28	10,417	13,454	0	0	0	0
New Hampshire	3,350	125	NM	62	0	3,288	125	0	0	0	0
Rhode Island	3,516	3,992	-12.0%	0	0	3,516	3,992	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	60,273	66,087	-8.8%	5,396	8,685	54,745	57,244	0	0	131	158
New Jersey	13,805	15,149	-8.9%	0	0	13,805	15,149	0	0	0	0
New York	25,448	27,051	-5.9%	5,396	8,685	19,994	18,293	0	0	58	73
Pennsylvania	21,020	23,887	-12.0%	0	0	20,946	23,802	0	0	74	85
East North Central	26,151	31,860	-18.0%	10,299	10,322	15,086	20,954	341	262	424	322
Illinois	748	4,098	-82.0%	19	648	725	3,446	0	0	4	4
Indiana	3,313	4,205	-21.0%	2,003	2,905	1,309	1,300	0	0	0	0
Michigan	7,353	9,244	-20.0%	2,047	1,611	4,601	7,200	341	262	364	172
Ohio	10,807	9,109	19.0%	4,002	3,089	6,790	6,021	0	0	15	0
Wisconsin	3,931	5,203	-24.0%	2,228	2,069	1,661	2,988	0	0	41	147
West North Central	4,804	8,041	-40.0%	4,108	6,600	602	1,329	94	110	0	3
Iowa	466	581	-20.0%	466	578	0	0	0	0	0	3
Kansas	1,060	891	19.0%	1,060	891	0	0	0	0	0	0
Minnesota	1,154	4,450	-74.0%	793	3,588	361	862	0	0	0	0
Missouri	1,491	1,889	-21.0%	1,156	1,312	241	467	94	110	0	0
Nebraska	465	99	370.0%	465	99	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	168	132	28.0%	168	132	0	0	0	0	0	0
South Atlantic	143,377	140,037	2.4%	121,355	114,175	20,618	23,729	0	0	1,404	2,134
Delaware	3,477	3,613	-3.8%	0	0	2,825	2,604	0	0	652	1,009
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	88,232	78,053	13.0%	84,992	73,234	3,240	4,820	0	0	0	0
Georgia	18,349	21,321	-14.0%	13,349	16,003	4,310	4,485	0	0	690	833
Maryland	783	1,953	-60.0%	0	0	751	1,895	0	0	32	58
North Carolina	15,321	14,357	6.7%	11,481	10,105	3,841	4,252	0	0	0	0
South Carolina	7,503	6,727	12.0%	6,844	6,472	629	235	0	0	29	20
Virginia	9,654	13,825	-30.0%	4,680	8,361	4,974	5,249	0	0	0	215
West Virginia	58	188	-69.0%	10	0	48	188	0	0	0	0
East South Central	38,275	39,426	-2.9%	25,311	22,667	12,961	16,750	0	0	4	10
Alabama	17,710	21,215	-17.0%	7,581	6,482	10,129	14,733	0	0	0	0
Kentucky	3,673	1,326	177.0%	3,608	1,326	65	0	0	0	0	0
Mississippi	14,677	16,169	-9.2%	11,910	14,152	2,767	2,017	0	0	0	0
Tennessee	2,216	716	209.0%	2,212	706	0	0	0	0	4	10
West South Central	188,931	188,714	0.1%	45,675	48,495	94,737	90,720	0	0	48,518	49,499
Arkansas	5,369	4,864	10.0%	445	2,263	4,924	2,601	0	0	0	0
Louisiana	37,072	37,769	-1.8%	14,858	14,328	7,121	5,723	0	0	15,093	17,718
Oklahoma	15,744	16,467	-4.4%	9,421	12,819	6,323	3,647	0	0	0	0
Texas	130,746	129,614	0.9%	20,951	19,084	76,369	78,749	0	0	33,426	31,781
Mountain	31,991	35,156	-9.0%	21,418	22,256	10,526	12,849	0	0	47	51
Arizona	8,735	11,024	-21.0%	4,920	3,901	3,815	7,123	0	0	0	0
Colorado	5,141	5,795	-11.0%	2,430	3,192	2,710	2,603	0	0	0	0
Idaho	159	709	-78.0%	0	271	159	438	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	9,438	9,055	4.2%	7,685	8,598	1,753	458	0	0	0	0
New Mexico	5,245	5,418	-3.2%	3,155	3,356	2,089	2,062	0	0	0	0
Utah	3,266	3,146	3.8%	3,219	2,929	0	166	0	0	47	51
Wyoming	8	9	-4.2%	8	9	0	0	0	0	0	0
Pacific Contiguous	55,429	52,379	5.8%	17,327	16,571	34,502	32,585	0	0	3,600	3,223
California	51,546	46,111	12.0%	15,642	14,200	32,304	28,687	0	0	3,600	3,223
Oregon	2,298	4,920	-53.0%	100	1,023	2,198	3,898	0	0	0	0
Washington	1,586	1,348	18.0%	1,586	1,348	0	0	0	0	0	0
Pacific Noncontiguous	1,598	1,843	-13.0%	1,598	1,843	0	0	0	0	0	0
Alaska	1,598	1,843	-13.0%	1,598	1,843	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	578,775	591,713	-2.2%	252,596	251,642	271,192	283,497	435	371	54,552	56,203

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

Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) April 2014 and 2013
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	83,067	101,381	-18.0%	303	338	81,399	96,494	0	0	1,365	4,548
Connecticut	27,252	33,590	-19.0%	0	0	27,252	33,590	0	0	0	0
Maine	9,193	11,511	-20.0%	0	0	7,828	6,963	0	0	1,365	4,548
Massachusetts	30,606	38,103	-20.0%	223	219	30,383	37,884	0	0	0	0
New Hampshire	6,300	7,575	-17.0%	80	119	6,219	7,456	0	0	0	0
Rhode Island	9,717	10,602	-8.3%	0	0	9,717	10,602	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	272,479	281,596	-3.2%	26,779	30,927	244,939	249,914	0	0	761	755
New Jersey	60,497	55,328	9.3%	0	0	60,497	55,328	0	0	0	0
New York	115,119	119,208	-3.4%	26,779	30,927	88,031	87,997	0	0	309	283
Pennsylvania	96,862	107,061	-9.5%	0	0	96,411	106,590	0	0	452	471
East North Central	144,442	134,075	7.7%	57,870	49,318	83,858	82,058	1,378	1,294	1,335	1,405
Illinois	6,776	10,230	-34.0%	297	1,181	6,462	9,024	0	0	17	24
Indiana	29,297	23,399	25.0%	20,927	15,671	8,370	7,728	0	0	0	0
Michigan	38,186	30,253	26.0%	9,992	5,466	26,057	22,965	1,378	1,294	759	528
Ohio	54,589	49,966	9.3%	19,486	17,079	34,995	32,863	0	0	109	24
Wisconsin	15,593	20,227	-23.0%	7,169	9,920	7,974	9,478	0	0	450	830
West North Central	22,633	33,911	-33.0%	19,631	28,909	2,902	4,856	98	140	2	7
Iowa	2,877	4,064	-29.0%	2,875	4,057	0	0	0	0	2	7
Kansas	3,453	3,833	-9.9%	3,453	3,833	0	0	0	0	0	0
Minnesota	7,044	14,989	-53.0%	4,895	13,195	2,149	1,794	0	0	0	0
Missouri	7,945	10,406	-24.0%	7,094	7,204	754	3,062	98	140	0	0
Nebraska	746	283	164.0%	746	283	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	569	336	69.0%	569	336	0	0	0	0	0	0
South Atlantic	526,731	558,564	-5.7%	434,683	456,376	84,961	91,400	0	0	7,087	10,787
Delaware	12,947	16,887	-23.0%	0	0	9,495	11,462	0	0	3,452	5,425
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	300,604	300,884	-0.1%	290,588	288,331	10,016	12,554	0	0	0	0
Georgia	74,735	95,148	-21.0%	56,101	71,045	15,958	20,556	0	0	2,676	3,548
Maryland	3,506	3,567	-1.7%	0	0	3,374	3,437	0	0	131	130
North Carolina	56,505	60,828	-7.1%	37,694	40,500	18,811	20,157	0	0	0	171
South Carolina	25,228	27,384	-7.9%	23,344	26,429	1,750	859	0	0	133	96
Virginia	50,865	53,146	-4.3%	25,230	29,913	24,941	21,815	0	0	694	1,417
West Virginia	2,340	720	225.0%	1,725	158	615	561	0	0	0	0
East South Central	196,050	201,329	-2.6%	121,814	119,624	74,105	81,638	0	0	131	67
Alabama	89,662	105,374	-15.0%	30,429	30,977	59,233	74,398	0	0	0	0
Kentucky	17,526	5,389	225.0%	16,435	5,097	1,091	292	0	0	0	0
Mississippi	77,036	76,757	0.4%	63,254	69,809	13,782	6,948	0	0	0	0
Tennessee	11,827	13,809	-14.0%	11,696	13,742	0	0	0	0	131	67
West South Central	769,425	749,303	2.7%	191,399	179,333	373,333	368,208	0	0	204,693	201,761
Arkansas	23,214	31,369	-26.0%	3,074	6,109	20,140	25,260	0	0	0	0
Louisiana	150,169	137,175	9.5%	53,999	51,485	30,055	20,221	0	0	66,115	65,469
Oklahoma	70,041	67,405	3.9%	52,241	54,391	17,800	13,014	0	0	0	0
Texas	526,001	513,354	2.5%	82,084	67,348	305,339	309,713	0	0	138,578	136,293
Mountain	134,354	144,516	-7.0%	90,503	95,518	43,634	48,733	0	0	218	264
Arizona	33,954	38,184	-11.0%	16,009	17,527	17,945	20,657	0	0	0	0
Colorado	25,178	22,519	12.0%	13,945	13,420	11,234	9,099	0	0	0	0
Idaho	5,140	5,744	-11.0%	2,659	1,988	2,481	3,756	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	35,410	46,548	-24.0%	30,640	38,653	4,769	7,895	0	0	0	0
New Mexico	19,643	18,016	9.0%	12,477	11,799	7,166	6,217	0	0	0	0
Utah	14,989	13,472	11.0%	14,732	12,098	39	1,110	0	0	218	264
Wyoming	40	34	18.0%	40	34	0	0	0	0	0	0
Pacific Contiguous	274,645	260,223	5.5%	97,491	94,611	162,077	151,687	0	0	15,077	13,924
California	228,609	211,568	8.1%	70,033	69,540	143,500	128,104	0	0	15,077	13,924
Oregon	26,825	34,328	-22.0%	9,608	11,243	17,218	23,084	0	0	0	0
Washington	19,210	14,326	34.0%	17,850	13,827	1,360	499	0	0	0	0
Pacific Noncontiguous	6,553	8,754	-25.0%	6,553	8,754	0	0	0	0	0	0
Alaska	6,553	8,754	-25.0%	6,553	8,754	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	2,430,379	2,473,651	-1.7%	1,047,025	1,063,708	1,151,210	1,174,989	1,476	1,434	230,668	233,519

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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, April 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013
New England	W	W	W	4.09	4.21	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.09	4.21	-2.9%	4.09	4.21	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.61	2.61	0.0%	--	--	2.61	2.61
New Jersey	3.83	3.76	1.9%	--	--	3.83	3.76
New York	3.04	3.05	-0.3%	--	--	3.04	3.05
Pennsylvania	2.53	2.56	-1.2%	--	--	2.53	2.56
East North Central	2.37	2.29	3.5%	2.48	2.43	2.11	1.97
Illinois	2.04	1.90	7.4%	2.03	2.13	2.05	1.87
Indiana	W	W	W	2.62	2.55	W	W
Michigan	W	W	W	2.81	2.66	W	W
Ohio	W	W	W	2.29	2.24	W	W
Wisconsin	2.34	2.34	0.0%	2.34	2.34	--	--
West North Central	1.79	1.78	0.6%	1.79	1.78	--	--
Iowa	1.65	1.65	0.0%	1.65	1.65	--	--
Kansas	1.81	1.79	1.1%	1.81	1.79	--	--
Minnesota	1.85	1.99	-7.0%	1.85	1.99	--	--
Missouri	2.00	1.93	3.6%	2.00	1.93	--	--
Nebraska	1.41	1.47	-4.1%	1.41	1.47	--	--
North Dakota	1.54	1.58	-2.5%	1.54	1.58	--	--
South Dakota	2.03	1.94	4.6%	2.03	1.94	--	--
South Atlantic	3.11	3.28	-5.2%	3.24	3.41	2.70	2.69
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.38	3.55	W	W
Georgia	3.16	3.27	-3.4%	3.16	3.27	--	--
Maryland	3.04	3.50	-13.0%	--	--	3.04	3.50
North Carolina	3.61	3.86	-6.5%	3.61	3.86	--	--
South Carolina	3.62	3.78	-4.2%	3.62	3.78	--	--
Virginia	W	W	W	3.32	3.46	W	W
West Virginia	2.47	2.51	-1.6%	2.66	2.77	2.19	2.08
East South Central	W	W	W	2.50	2.52	W	W
Alabama	2.60	2.74	-5.1%	2.60	2.74	--	--
Kentucky	2.36	2.39	-1.3%	2.36	2.39	--	--
Mississippi	W	W	W	3.32	4.00	W	W
Tennessee	2.50	2.36	5.9%	2.50	2.36	--	--
West South Central	2.08	2.13	-2.3%	2.14	2.26	2.01	1.97
Arkansas	W	W	W	2.47	2.34	W	W
Louisiana	W	W	W	2.62	2.81	W	W
Oklahoma	W	W	W	1.98	2.06	W	W
Texas	2.01	2.05	-2.0%	2.03	2.23	2.00	1.93
Mountain	W	W	W	1.99	1.93	W	W
Arizona	2.10	2.05	2.4%	2.10	2.05	--	--
Colorado	1.89	1.92	-1.6%	1.89	1.92	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.30	2.05	W	W
New Mexico	2.44	2.38	2.5%	2.44	2.38	--	--
Utah	2.05	1.97	4.1%	2.05	1.97	--	--
Wyoming	1.61	1.53	5.2%	1.61	1.53	--	--
Pacific Contiguous	W	W	W	2.44	2.07	W	W
California	W	--	W	--	--	W	--
Oregon	2.44	2.07	18.0%	2.44	2.07	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.39	2.37	0.8%	2.41	2.42	2.32	2.22

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Totals may not equal sum of components because of independent rounding. Percentage change 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) April 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	3.52	4.00	-12.0%	4.33	4.34	3.30	3.84
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.33	4.34	-0.2%	4.33	4.34	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.77	2.59	6.9%	--	--	2.77	2.59
New Jersey	3.82	3.75	1.9%	--	--	3.82	3.75
New York	3.05	2.95	3.4%	--	--	3.05	2.95
Pennsylvania	2.70	2.53	6.7%	--	--	2.70	2.53
East North Central	2.32	2.29	1.3%	2.45	2.44	2.04	1.95
Illinois	1.97	1.88	4.8%	2.07	2.12	1.96	1.85
Indiana	W	W	W	2.62	2.55	W	W
Michigan	W	W	W	2.75	2.84	W	W
Ohio	W	W	W	2.28	2.24	W	W
Wisconsin	2.27	2.28	-0.4%	2.27	2.28	--	--
West North Central	1.76	1.77	-0.6%	1.76	1.77	--	--
Iowa	1.64	1.63	0.6%	1.64	1.63	--	--
Kansas	1.77	1.82	-2.7%	1.77	1.82	--	--
Minnesota	1.89	2.01	-6.0%	1.89	2.01	--	--
Missouri	1.99	1.91	4.2%	1.99	1.91	--	--
Nebraska	1.38	1.48	-6.8%	1.38	1.48	--	--
North Dakota	1.46	1.50	-2.7%	1.46	1.50	--	--
South Dakota	2.11	2.03	3.9%	2.11	2.03	--	--
South Atlantic	3.09	3.25	-4.9%	3.23	3.37	2.64	2.76
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.34	3.48	W	W
Georgia	3.14	3.30	-4.8%	3.14	3.30	--	--
Maryland	3.07	3.63	-15.0%	--	--	3.07	3.63
North Carolina	3.63	3.85	-5.7%	3.63	3.85	--	--
South Carolina	3.67	3.80	-3.4%	3.67	3.80	--	--
Virginia	W	W	W	3.27	3.44	W	W
West Virginia	2.45	2.52	-2.8%	2.66	2.75	2.17	2.13
East South Central	W	W	W	2.48	2.53	W	W
Alabama	2.64	2.76	-4.3%	2.64	2.76	--	--
Kentucky	2.37	2.38	-0.4%	2.37	2.38	--	--
Mississippi	W	W	W	3.42	4.18	W	W
Tennessee	2.45	2.44	0.4%	2.45	2.44	--	--
West South Central	2.07	2.12	-2.4%	2.18	2.27	1.94	1.94
Arkansas	W	W	W	2.38	2.40	W	W
Louisiana	W	W	W	2.64	2.92	W	W
Oklahoma	W	W	W	1.95	2.05	W	W
Texas	2.01	2.03	-1.0%	2.16	2.20	1.92	1.90
Mountain	W	W	W	1.98	1.92	W	W
Arizona	2.11	2.05	2.9%	2.11	2.05	--	--
Colorado	1.89	1.90	-0.5%	1.89	1.90	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.39	2.39	W	W
New Mexico	2.37	2.30	3.0%	2.37	2.30	--	--
Utah	2.08	2.00	4.0%	2.08	2.00	--	--
Wyoming	1.59	1.51	5.3%	1.59	1.51	--	--
Pacific Contiguous	W	W	W	2.47	1.92	W	W
California	W	W	W	--	--	W	W
Oregon	2.47	1.92	29.0%	2.47	1.92	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.34	2.35	-0.4%	2.36	2.39	2.29	2.22

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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, April 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013
New England	22.11	W	W	23.05	23.47	21.98	W
Connecticut	26.29	W	W	--	--	26.29	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	23.05	23.47	-1.8%	23.05	23.47	--	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	19.91	19.46	2.3%	18.69	--	22.14	19.46
New Jersey	22.05	W	W	--	--	22.05	W
New York	19.51	W	W	18.69	--	21.98	W
Pennsylvania	22.63	W	W	--	--	22.63	W
East North Central	23.55	22.85	3.1%	23.56	22.82	23.53	23.06
Illinois	23.53	23.32	0.9%	23.56	23.62	23.52	23.22
Indiana	23.83	22.74	4.8%	23.83	22.74	--	--
Michigan	22.47	22.54	-0.3%	22.47	22.54	--	--
Ohio	24.12	22.94	5.1%	24.20	22.94	23.55	22.94
Wisconsin	22.86	22.75	0.5%	22.86	22.75	--	--
West North Central	22.54	22.46	0.4%	22.54	22.46	--	--
Iowa	22.52	23.23	-3.1%	22.52	23.23	--	--
Kansas	22.49	21.80	3.2%	22.49	21.80	--	--
Minnesota	23.86	23.32	2.3%	23.86	23.32	--	--
Missouri	22.23	20.79	6.9%	22.23	20.79	--	--
Nebraska	22.03	22.22	-0.9%	22.03	22.22	--	--
North Dakota	23.60	23.01	2.6%	23.60	23.01	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	W	22.32	W	22.36	22.41	W	22.07
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	24.05	22.51	W	W
Georgia	23.68	22.79	3.9%	23.68	22.79	--	--
Maryland	W	21.20	W	--	--	W	21.20
North Carolina	22.83	22.33	2.2%	22.83	22.33	--	--
South Carolina	23.47	22.52	4.2%	23.47	22.52	--	--
Virginia	W	W	W	20.06	20.72	W	W
West Virginia	24.41	23.54	3.7%	24.41	23.54	--	--
East South Central	22.43	21.97	2.1%	22.43	21.97	--	--
Alabama	22.04	21.14	4.3%	22.04	21.14	--	--
Kentucky	23.11	22.79	1.4%	23.11	22.79	--	--
Mississippi	21.80	21.29	2.4%	21.80	21.29	--	--
Tennessee	22.31	21.70	2.8%	22.31	21.70	--	--
West South Central	22.20	21.95	1.1%	22.64	21.80	21.43	22.08
Arkansas	W	W	W	23.04	22.38	W	W
Louisiana	W	W	W	22.68	--	W	W
Oklahoma	--	23.43	--	--	23.43	--	--
Texas	W	W	W	21.93	21.23	W	W
Mountain	W	W	W	24.66	23.79	W	W
Arizona	22.32	24.76	-9.9%	22.32	24.76	--	--
Colorado	--	23.27	--	--	23.27	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	23.73	W	W	23.73	24.91	--	W
New Mexico	25.85	24.50	5.5%	25.85	24.50	--	--
Utah	23.02	20.00	15.0%	23.02	20.00	--	--
Wyoming	22.60	23.55	-4.0%	22.60	23.55	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	W	W	W	24.45	21.48	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	24.45	21.48	W	W
U.S. Total	22.95	W	W	23.30	21.99	21.86	W

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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) April 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	W	W	W	19.70	17.21	W	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	19.94	19.45	2.5%	22.78	--	19.87	19.45
New Hampshire	W	17.21	W	19.26	17.21	W	--
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	21.55	19.89	8.3%	20.42	19.58	21.91	19.97
New Jersey	23.70	21.64	9.5%	--	--	23.70	21.64
New York	20.72	19.17	8.1%	20.42	19.58	20.87	19.02
Pennsylvania	23.41	23.11	1.3%	--	--	23.41	23.11
East North Central	24.38	23.31	4.6%	23.45	23.28	25.92	23.50
Illinois	W	W	W	23.53	23.76	W	W
Indiana	24.02	23.37	2.8%	24.02	23.37	--	--
Michigan	22.78	23.29	-2.2%	22.78	23.29	--	--
Ohio	25.32	23.29	8.7%	23.89	23.25	26.18	23.45
Wisconsin	W	W	W	22.27	22.88	W	W
West North Central	22.48	22.88	-1.7%	22.48	22.88	--	--
Iowa	22.42	23.17	-3.2%	22.42	23.17	--	--
Kansas	22.26	22.86	-2.6%	22.26	22.86	--	--
Minnesota	22.62	23.47	-3.6%	22.62	23.47	--	--
Missouri	22.42	22.48	-0.3%	22.42	22.48	--	--
Nebraska	22.28	22.55	-1.2%	22.28	22.55	--	--
North Dakota	22.95	22.95	0.0%	22.95	22.95	--	--
South Dakota	23.34	23.30	0.2%	23.34	23.30	--	--
South Atlantic	22.51	20.85	8.0%	22.46	20.39	22.63	23.25
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	22.91	18.37	W	W
Georgia	W	W	W	23.54	23.88	W	W
Maryland	22.06	22.78	-3.2%	--	--	22.06	22.78
North Carolina	W	W	W	22.86	23.13	W	W
South Carolina	23.22	23.93	-3.0%	23.22	23.93	--	--
Virginia	22.04	W	W	21.64	20.45	23.97	W
West Virginia	W	24.65	W	24.97	24.65	W	--
East South Central	W	22.71	W	22.61	22.71	W	--
Alabama	W	22.27	W	21.97	22.27	W	--
Kentucky	23.47	22.98	2.1%	23.47	22.98	--	--
Mississippi	22.43	21.29	5.4%	22.43	21.29	--	--
Tennessee	22.52	22.80	-1.2%	22.52	22.80	--	--
West South Central	21.82	22.50	-3.0%	21.69	22.44	21.91	22.53
Arkansas	W	W	W	22.87	22.38	W	W
Louisiana	W	W	W	21.75	22.21	W	W
Oklahoma	23.24	23.43	-0.8%	23.24	23.43	--	--
Texas	W	W	W	21.02	22.48	W	W
Mountain	W	W	W	23.68	23.78	W	W
Arizona	22.78	24.67	-7.7%	22.78	24.67	--	--
Colorado	26.39	23.72	11.0%	26.39	23.72	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	24.03	22.48	W	W
New Mexico	24.70	25.26	-2.2%	24.70	25.26	--	--
Utah	22.30	21.39	4.3%	22.30	21.39	--	--
Wyoming	23.57	23.45	0.5%	23.57	23.45	--	--
Pacific Contiguous	W	W	W	--	23.63	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	23.63	W	W
Pacific Noncontiguous	W	W	W	21.74	20.72	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	21.74	20.72	W	W
U.S. Total	21.93	20.85	5.2%	21.95	21.02	21.91	20.48

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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, April 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.22	--	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.97	--	--	0.97	--	--	--
Michigan	W	W	W	1.45	--	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.84	--	--	1.84	--	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.37	2.80	-15.0%	2.37	2.80	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.37	2.80	-15.0%	2.37	2.80	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.73	1.79	-3.4%	1.73	1.79	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.73	1.79	-3.4%	1.73	1.79	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	2.24	2.01	11.0%	2.24	2.01	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	2.24	2.01	11.0%	2.24	2.01	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	W	W	W	2.07	2.23	W	W

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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) April 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.21	1.50	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.98	--	--	0.98	--	--	--
Michigan	W	W	W	1.44	1.50	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.86	--	--	1.86	--	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.37	2.52	-6.0%	2.37	2.52	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.37	2.52	-6.0%	2.37	2.52	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.74	1.84	-5.4%	1.74	1.84	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.74	1.84	-5.4%	1.74	1.84	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.98	1.98	0.0%	1.98	1.98	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.98	1.98	0.0%	1.98	1.98	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	W	W	W	1.94	2.07	W	W

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Totals may not equal sum of components because of independent rounding. Percentage change 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, April 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2014	April 2013	Percentage Change	April 2014	April 2013	April 2014	April 2013
New England	5.12	5.09	0.6%	6.61	6.78	5.11	5.09
Connecticut	4.88	5.09	-4.1%	--	--	4.88	5.09
Maine	W	W	W	--	--	W	W
Massachusetts	5.23	5.04	3.8%	5.01	6.75	5.23	5.04
New Hampshire	W	10.50	W	7.79	10.50	W	--
Rhode Island	5.10	W	W	--	--	5.10	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	4.68	4.90	-4.5%	4.96	4.89	4.65	4.90
New Jersey	4.56	4.79	-4.8%	--	--	4.56	4.79
New York	5.07	5.01	1.2%	4.96	4.89	5.10	5.09
Pennsylvania	4.33	4.83	-10.0%	--	--	4.33	4.83
East North Central	W	4.58	W	4.97	4.64	W	4.54
Illinois	W	W	W	12.71	4.92	W	W
Indiana	W	W	W	5.25	4.57	W	W
Michigan	5.25	4.85	8.2%	5.05	4.79	5.34	4.87
Ohio	4.49	4.33	3.7%	4.37	4.42	4.56	4.28
Wisconsin	5.45	4.67	17.0%	5.71	4.87	5.08	4.52
West North Central	W	4.96	W	6.03	5.01	W	4.74
Iowa	6.79	5.92	15.0%	6.79	5.92	--	--
Kansas	5.58	4.93	13.0%	5.58	4.93	--	--
Minnesota	W	W	W	7.06	4.83	W	W
Missouri	W	W	W	5.58	5.13	W	W
Nebraska	5.49	5.93	-7.4%	5.49	5.93	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	6.90	4.50	53.0%	6.90	4.50	--	--
South Atlantic	5.45	5.13	6.2%	5.49	5.21	5.07	4.54
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	5.54	W	W	5.55	5.40	4.84	W
Georgia	5.32	4.92	8.1%	5.29	4.86	5.43	5.26
Maryland	5.03	W	W	--	--	5.03	W
North Carolina	W	W	W	5.70	5.08	W	W
South Carolina	W	4.75	W	4.95	4.75	W	--
Virginia	4.69	4.60	2.0%	5.33	4.75	4.07	4.37
West Virginia	5.42	5.42	0.0%	4.89	--	5.52	5.42
East South Central	4.97	4.48	11.0%	4.92	4.41	5.08	4.58
Alabama	W	W	W	4.87	4.45	W	W
Kentucky	W	5.81	W	5.17	5.81	W	--
Mississippi	W	W	W	4.88	4.26	W	W
Tennessee	4.96	4.36	14.0%	4.96	4.36	--	--
West South Central	4.82	4.27	13.0%	4.97	4.29	4.74	4.26
Arkansas	W	W	W	7.69	4.76	W	W
Louisiana	4.87	4.28	14.0%	4.93	4.32	4.76	4.17
Oklahoma	W	W	W	5.17	4.30	W	W
Texas	4.76	4.25	12.0%	4.84	4.21	4.73	4.26
Mountain	5.60	4.90	14.0%	5.70	5.07	5.31	4.49
Arizona	5.98	5.28	13.0%	6.62	6.60	4.76	4.43
Colorado	5.83	W	W	6.02	5.18	5.64	W
Idaho	W	W	W	43.76	6.56	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	5.65	4.75	W	W
New Mexico	5.05	4.59	10.0%	5.05	4.59	--	--
Utah	4.80	4.26	13.0%	4.80	4.26	--	--
Wyoming	7.14	6.42	11.0%	7.14	6.42	--	--
Pacific Contiguous	5.26	4.61	14.0%	5.63	5.02	5.01	4.35
California	5.29	4.67	13.0%	5.69	5.08	5.02	4.40
Oregon	4.92	4.18	18.0%	4.48	4.28	4.94	4.15
Washington	5.21	5.04	3.4%	5.21	5.04	--	--
Pacific Noncontiguous	5.44	4.40	24.0%	5.44	4.40	--	--
Alaska	5.44	4.40	24.0%	5.44	4.40	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	5.12	4.73	8.2%	5.34	4.89	4.86	4.56

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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) April 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2014 YTD	April 2013 YTD	Percentage Change	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	12.73	8.44	51.0%	12.98	11.15	12.73	8.43
Connecticut	11.62	7.95	46.0%	--	--	11.62	7.95
Maine	W	W	W	--	--	W	W
Massachusetts	13.43	8.62	56.0%	14.73	10.26	13.42	8.61
New Hampshire	W	12.66	W	8.12	12.66	W	--
Rhode Island	13.89	W	W	--	--	13.89	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	9.32	5.15	81.0%	9.09	5.82	9.35	5.06
New Jersey	8.42	4.86	73.0%	--	--	8.42	4.86
New York	9.03	6.04	50.0%	9.09	5.82	9.01	6.13
Pennsylvania	10.14	4.31	135.0%	--	--	10.14	4.31
East North Central	7.13	4.06	76.0%	6.74	4.11	7.41	4.03
Illinois	W	W	W	12.11	4.82	W	W
Indiana	W	W	W	6.31	4.00	W	W
Michigan	9.48	4.46	113.0%	9.75	4.46	9.38	4.45
Ohio	5.41	3.80	42.0%	5.53	3.89	5.34	3.75
Wisconsin	6.71	4.25	58.0%	6.95	4.36	6.49	4.12
West North Central	7.76	4.51	72.0%	7.91	4.54	6.80	4.34
Iowa	12.60	4.85	160.0%	12.60	4.85	--	--
Kansas	7.04	4.58	54.0%	7.04	4.58	--	--
Minnesota	W	W	W	7.42	4.53	W	W
Missouri	W	W	W	6.60	4.28	W	W
Nebraska	7.69	6.87	12.0%	7.69	6.87	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	10.34	3.96	161.0%	10.34	3.96	--	--
South Atlantic	6.40	4.74	35.0%	6.33	4.81	6.81	4.26
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	5.83	4.97	17.0%	5.86	5.03	4.21	2.93
Georgia	W	4.28	W	5.72	4.26	W	4.35
Maryland	W	5.20	W	--	--	W	5.20
North Carolina	W	W	W	7.81	4.72	W	W
South Carolina	W	4.38	W	5.61	4.38	W	--
Virginia	9.38	W	W	11.49	4.59	7.22	W
West Virginia	W	4.35	W	6.34	3.71	W	4.52
East South Central	5.38	3.93	37.0%	5.34	3.87	5.46	4.04
Alabama	5.32	4.02	32.0%	5.07	3.95	5.49	4.06
Kentucky	W	W	W	5.92	5.37	W	W
Mississippi	W	W	W	5.26	3.76	W	W
Tennessee	5.63	3.67	53.0%	5.63	3.67	--	--
West South Central	5.31	3.81	39.0%	5.53	3.91	5.18	3.76
Arkansas	W	3.91	W	7.37	4.56	W	3.75
Louisiana	5.22	3.82	37.0%	5.39	3.86	4.90	3.70
Oklahoma	W	3.90	W	5.76	3.91	W	3.87
Texas	5.22	3.79	38.0%	5.40	3.89	5.16	3.76
Mountain	5.87	4.43	33.0%	5.95	4.51	5.61	4.22
Arizona	6.30	4.78	32.0%	7.05	5.37	5.09	4.16
Colorado	6.04	W	W	6.23	5.01	5.80	W
Idaho	W	W	W	6.44	4.95	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	5.76	4.25	W	W
New Mexico	5.38	4.15	30.0%	5.38	4.15	--	--
Utah	W	3.85	W	5.27	3.85	W	--
Wyoming	7.40	6.30	17.0%	7.40	6.30	--	--
Pacific Contiguous	5.68	4.23	34.0%	5.86	4.56	5.52	3.97
California	5.72	4.29	33.0%	6.04	4.67	5.49	4.03
Oregon	W	W	W	4.91	3.68	W	W
Washington	W	W	W	5.79	4.82	W	W
Pacific Noncontiguous	4.77	4.55	4.8%	4.77	4.55	--	--
Alaska	4.77	4.55	4.8%	4.77	4.55	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	6.56	4.51	45.0%	6.11	4.49	7.07	4.54

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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, April 2014

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	240	1.35	10.1	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	9	0.82	8.0	0	--	--	0	--	--
Massachusetts	118	0.72	12.3	0	--	--	0	--	--
New Hampshire	113	2.04	8.0	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	3,064	2.69	10.6	47	0.21	5.0	0	--	--
New Jersey	87	1.74	8.9	0	--	--	0	--	--
New York	265	2.36	8.4	47	0.21	5.0	0	--	--
Pennsylvania	2,712	2.76	10.9	0	--	--	0	--	--
East North Central	7,712	2.78	9.5	8,467	0.24	4.9	0	--	--
Illinois	610	3.55	17.6	4,594	0.21	4.8	0	--	--
Indiana	3,034	2.67	8.9	410	0.25	4.8	0	--	--
Michigan	407	1.40	8.5	1,541	0.26	5.2	0	--	--
Ohio	3,482	2.96	9.1	125	0.25	5.3	0	--	--
Wisconsin	179	2.18	7.4	1,796	0.26	5.0	0	--	--
West North Central	57	3.13	10.4	8,155	0.28	5.3	1,646	0.85	9.9
Iowa	12	3.50	8.0	1,115	0.28	5.0	0	--	--
Kansas	28	3.37	12.4	1,473	0.30	5.1	0	--	--
Minnesota	0	--	--	1,294	0.35	6.2	0	--	--
Missouri	17	2.51	8.7	3,075	0.23	5.0	0	--	--
Nebraska	0	--	--	1,015	0.29	5.4	0	--	--
North Dakota	0	--	--	0	--	--	1,646	0.85	9.9
South Dakota	0	--	--	184	0.48	7.3	0	--	--
South Atlantic	9,257	2.13	10.0	1,046	0.26	4.6	0	--	--
Delaware	70	2.06	7.9	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,503	2.24	8.9	0	--	--	0	--	--
Georgia	785	1.68	9.5	978	0.26	4.6	0	--	--
Maryland	861	2.01	8.9	68	0.20	4.4	0	--	--
North Carolina	1,404	1.87	9.2	0	--	--	0	--	--
South Carolina	957	1.51	8.7	0	--	--	0	--	--
Virginia	769	1.08	11.0	0	--	--	0	--	--
West Virginia	2,907	2.85	11.6	0	--	--	0	--	--
East South Central	4,664	2.48	9.3	1,952	0.25	5.2	236	0.54	13.4
Alabama	886	1.87	8.8	902	0.23	5.3	0	--	--
Kentucky	2,627	2.87	10.0	209	0.30	5.3	0	--	--
Mississippi	204	1.84	8.0	124	0.19	4.6	236	0.54	13.4
Tennessee	947	2.12	8.3	717	0.25	5.0	0	--	--
West South Central	58	2.14	19.7	7,173	0.28	5.2	2,407	0.91	16.7
Arkansas	0	--	--	1,108	0.28	5.4	0	--	--
Louisiana	20	3.18	8.9	716	0.28	5.0	11	0.72	16.1
Oklahoma	38	1.56	25.8	1,423	0.26	4.9	0	--	--
Texas	0	--	--	3,927	0.28	5.2	2,396	0.91	16.7
Mountain	2,793	0.60	12.0	5,413	0.52	9.5	0	--	--
Arizona	758	0.61	10.7	1,025	0.72	10.9	0	--	--
Colorado	252	0.48	8.8	1,159	0.31	6.0	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	585	0.65	9.8	0	--	--
Nevada	332	0.39	5.0	31	0.36	5.5	0	--	--
New Mexico	432	1.00	26.4	542	0.70	20.9	0	--	--
Utah	1,020	0.57	11.3	39	1.00	9.9	0	--	--
Wyoming	0	--	--	2,032	0.43	7.6	0	--	--
Pacific Contiguous	65	0.69	10.5	472	0.39	7.4	0	--	--
California	65	0.69	10.5	0	--	--	0	--	--
Oregon	0	--	--	180	0.23	4.5	0	--	--
Washington	0	--	--	291	0.50	9.2	0	--	--
Pacific Noncontiguous	60	1.02	4.6	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	60	1.02	4.6	0	--	--	0	--	--
U.S. Total	27,969	2.28	10.0	32,725	0.31	5.9	4,288	0.87	13.9

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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, April 2014

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	113	2.04	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	113	2.04	8.0	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	6,447	2.74	8.9	4,001	0.26	5.1	0	--	--
Illinois	177	3.31	11.6	279	0.21	5.0	0	--	--
Indiana	2,794	2.61	8.7	410	0.25	4.8	0	--	--
Michigan	381	1.44	8.6	1,541	0.26	5.2	0	--	--
Ohio	2,925	3.04	9.0	0	--	--	0	--	--
Wisconsin	170	2.15	7.4	1,771	0.26	5.0	0	--	--
West North Central	39	3.03	11.3	8,060	0.28	5.3	1,646	0.85	9.9
Iowa	0	--	--	1,019	0.28	5.1	0	--	--
Kansas	28	3.37	12.4	1,473	0.30	5.1	0	--	--
Minnesota	0	--	--	1,294	0.35	6.2	0	--	--
Missouri	11	2.20	8.7	3,075	0.23	5.0	0	--	--
Nebraska	0	--	--	1,015	0.29	5.4	0	--	--
North Dakota	0	--	--	0	--	--	1,646	0.85	9.9
South Dakota	0	--	--	184	0.48	7.3	0	--	--
South Atlantic	6,990	1.98	9.9	978	0.26	4.6	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,426	2.31	8.7	0	--	--	0	--	--
Georgia	732	1.72	9.3	978	0.26	4.6	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,404	1.87	9.2	0	--	--	0	--	--
South Carolina	937	1.53	8.7	0	--	--	0	--	--
Virginia	695	1.11	11.2	0	--	--	0	--	--
West Virginia	1,796	2.50	11.6	0	--	--	0	--	--
East South Central	4,471	2.52	9.4	1,952	0.25	5.2	0	--	--
Alabama	886	1.87	8.8	902	0.23	5.3	0	--	--
Kentucky	2,627	2.87	10.0	209	0.30	5.3	0	--	--
Mississippi	147	1.47	7.9	124	0.19	4.6	0	--	--
Tennessee	811	2.34	8.2	717	0.25	5.0	0	--	--
West South Central	20	3.18	8.9	4,690	0.26	5.1	384	0.67	14.3
Arkansas	0	--	--	928	0.29	5.4	0	--	--
Louisiana	20	3.18	8.9	275	0.29	5.4	11	0.72	16.1
Oklahoma	0	--	--	1,381	0.26	5.0	0	--	--
Texas	0	--	--	2,106	0.25	5.1	373	0.67	14.3
Mountain	2,751	0.61	12.1	4,797	0.50	9.5	0	--	--
Arizona	758	0.61	10.7	1,025	0.72	10.9	0	--	--
Colorado	252	0.48	8.8	1,159	0.31	6.0	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	332	0.39	5.0	0	--	--	0	--	--
New Mexico	432	1.00	26.4	542	0.70	20.9	0	--	--
Utah	978	0.58	11.4	39	1.00	9.9	0	--	--
Wyoming	0	--	--	2,032	0.43	7.6	0	--	--
Pacific Contiguous	0	--	--	180	0.23	4.5	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	180	0.23	4.5	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	20,830	2.17	9.7	24,658	0.31	6.0	2,030	0.81	10.7

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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, April 2014

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	126	0.73	12.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	8	0.82	7.9	0	--	--	0	--	--
Massachusetts	118	0.72	12.3	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	3,026	2.71	10.6	47	0.21	5.0	0	--	--
New Jersey	87	1.74	8.9	0	--	--	0	--	--
New York	241	2.49	8.3	47	0.21	5.0	0	--	--
Pennsylvania	2,699	2.76	10.9	0	--	--	0	--	--
East North Central	1,100	2.96	13.1	4,407	0.21	4.8	0	--	--
Illinois	314	3.71	26.0	4,283	0.21	4.8	0	--	--
Indiana	240	3.36	10.1	0	--	--	0	--	--
Michigan	13	0.40	5.3	0	--	--	0	--	--
Ohio	534	2.55	9.2	125	0.25	5.3	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	0	--	--	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	2,139	2.65	10.3	68	0.20	4.4	0	--	--
Delaware	70	2.06	7.9	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	77	1.04	12.1	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	830	1.98	8.6	68	0.20	4.4	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	75	0.77	9.7	0	--	--	0	--	--
West Virginia	1,088	3.46	11.7	0	--	--	0	--	--
East South Central	57	2.82	8.4	0	--	--	236	0.54	13.4
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	57	2.82	8.4	0	--	--	236	0.54	13.4
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	38	1.56	25.8	2,484	0.30	5.2	2,022	0.96	17.2
Arkansas	0	--	--	180	0.25	5.6	0	--	--
Louisiana	0	--	--	441	0.27	4.8	0	--	--
Oklahoma	38	1.56	25.8	42	0.25	4.4	0	--	--
Texas	0	--	--	1,821	0.32	5.3	2,022	0.96	17.2
Mountain	0	--	--	616	0.63	9.6	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	585	0.65	9.8	0	--	--
Nevada	0	--	--	31	0.36	5.5	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	22	1.09	9.0	291	0.50	9.2	0	--	--
California	22	1.09	9.0	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	291	0.50	9.2	0	--	--
Pacific Noncontiguous	60	1.02	4.6	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	60	1.02	4.6	0	--	--	0	--	--
U.S. Total	6,568	2.67	10.9	7,913	0.28	5.4	2,258	0.92	16.9

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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 Sector by State, April 2014

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	0	--	--	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	9	1.19	8.1	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	9	1.19	8.1	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	6	3.07	8.8	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	6	3.07	8.8	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	0	--	--	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	0	--	--	0	--	--	0	--	--
West Virginia	0	--	--	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	0	--	--	0	--	--	0	--	--
Arkansas	0	--	--	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	0	--	--	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	0	--	--	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	15	1.91	8.4	0	--	--	0	--	--

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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 Sector by State, April 2014

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	1	0.81	8.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	1	0.81	8.7	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	38	1.37	9.9	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	25	1.10	9.2	0	--	--	0	--	--
Pennsylvania	13	1.86	11.1	0	--	--	0	--	--
East North Central	156	3.41	8.8	58	0.36	5.4	0	--	--
Illinois	118	3.53	8.3	33	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	4	0.54	8.2	0	--	--	0	--	--
Ohio	24	3.59	11.4	0	--	--	0	--	--
Wisconsin	9	2.91	8.0	26	0.29	5.2	0	--	--
West North Central	12	3.50	8.0	95	0.22	4.4	0	--	--
Iowa	12	3.50	8.0	95	0.22	4.4	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	128	1.41	13.2	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	53	1.11	12.3	0	--	--	0	--	--
Maryland	31	2.63	19.5	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	20	0.85	7.7	0	--	--	0	--	--
Virginia	0	--	--	0	--	--	0	--	--
West Virginia	24	1.03	12.1	0	--	--	0	--	--
East South Central	136	0.93	8.8	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	136	0.93	8.8	0	--	--	0	--	--
West South Central	0	--	--	0	--	--	0	--	--
Arkansas	0	--	--	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	42	0.31	10.2	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	42	0.31	10.2	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	43	0.47	11.3	0	--	--	0	--	--
California	43	0.47	11.3	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	555	1.69	10.2	153	0.27	4.8	0	--	--

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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, 2004 - April 2014 (Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
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	1,380,662	1,336,133	1,009,516	7,653	3,733,965
2009	1,364,758	1,306,853	917,416	7,768	3,596,795
2010	1,445,708	1,330,199	971,221	7,712	3,754,841
2011	1,422,801	1,328,057	991,316	7,672	3,749,846
2012	1,374,515	1,327,101	985,714	7,320	3,694,650
2013	1,391,090	1,338,448	954,725	7,525	3,691,789
2012					
January	125,881	105,239	79,205	650	310,975
February	107,975	100,080	78,298	629	286,983
March	99,362	102,474	81,298	597	283,731
April	88,103	101,037	81,030	590	270,760
May	100,895	110,800	84,678	595	296,968
June	122,934	118,009	83,619	597	325,160
July	154,579	128,535	87,219	629	370,963
August	147,941	128,106	88,105	633	364,785
Sept	118,831	116,585	82,060	613	318,090
October	96,669	110,471	82,996	599	290,735
November	97,155	101,641	78,847	569	278,212
December	114,188	104,122	78,360	619	297,288
2013					
January	131,354	107,400	78,141	656	317,551
February	112,857	100,722	74,453	649	288,681
March	111,784	103,839	78,097	633	294,352
April	95,297	101,385	77,633	623	274,937
May	94,978	108,883	82,086	619	286,566
June	117,708	117,670	81,411	629	317,418
July	143,438	127,735	83,703	637	355,513
August	137,734	127,369	84,701	634	350,437
Sept	121,114	118,977	80,298	631	321,020
October	98,656	112,171	80,463	589	291,879
November	97,812	103,449	77,536	562	279,359
December	128,357	108,849	76,205	665	314,076
2014					
January	146,435	114,230	77,616	724	339,006
February	130,478	104,662	73,135	723	308,997
March	114,158	106,873	78,081	645	299,756
April	92,188	102,403	77,638	634	272,863
Year to Date					
2012	421,322	408,831	319,831	2,466	1,152,449
2013	451,291	413,345	308,324	2,560	1,175,520
2014	483,259	428,168	306,470	2,726	1,220,622
Rolling 12 Months Ending in April					
2013	1,404,484	1,331,616	974,207	7,414	3,717,721
2014	1,423,057	1,353,271	952,871	7,692	3,736,891

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
Values for 2012 and prior years are final. Values for 2014 and 2013 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - April 2014 (Million Dollars)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
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	155,496	137,036	70,231	820	363,583
2009	157,044	132,747	62,670	828	353,289
2010	166,778	135,554	65,772	814	368,918
2011	166,714	135,927	67,606	803	371,049
2012	163,280	133,898	65,761	747	363,687
2013	168,546	137,778	65,111	773	372,208
2012					
January	14,360	10,352	5,102	64	29,878
February	12,424	9,944	5,052	60	27,479
March	11,621	10,086	5,250	59	27,015
April	10,504	9,919	5,168	60	25,650
May	12,011	11,039	5,528	59	28,637
June	14,863	12,259	5,765	62	32,949
July	18,553	13,354	6,219	67	38,193
August	18,009	13,313	6,239	67	37,629
Sept	14,614	12,238	5,716	66	32,634
October	11,633	11,131	5,491	61	28,316
November	11,418	10,052	5,122	59	26,651
December	13,271	10,212	5,110	64	28,656
2013					
January	15,068	10,515	5,040	67	30,690
February	13,122	10,141	4,923	66	28,253
March	12,972	10,406	5,149	62	28,589
April	11,368	10,100	5,069	62	26,598
May	11,796	11,171	5,497	63	28,527
June	14,758	12,592	5,806	65	33,221
July	18,094	13,747	6,123	67	38,032
August	17,230	13,659	6,144	66	37,098
Sept	15,125	12,564	5,734	67	33,490
October	12,142	11,553	5,468	61	29,223
November	11,827	10,470	5,111	58	27,466
December	15,045	10,861	5,048	68	31,022
2014					
January	17,060	11,808	5,403	75	34,346
February	15,495	11,196	5,211	74	31,975
March	13,993	11,416	5,457	66	30,933
April	11,349	10,652	5,244	64	27,308
Year to Date					
2012	48,908	40,301	20,571	243	110,023
2013	52,530	41,162	20,180	258	114,130
2014	57,897	45,072	21,315	278	124,562
Rolling 12 Months Ending in April					
2013	166,902	134,760	65,370	762	367,794
2014	173,913	141,688	66,245	794	382,640

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
Values for 2012 and prior years are final. Values for 2014 and 2013 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - April 2014 (Cents per Kilowatthour)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2004	8.95	8.17	5.25	7.18	7.61
2005	9.45	8.67	5.73	8.57	8.14
2006	10.40	9.46	6.16	9.54	8.90
2007	10.65	9.65	6.39	9.70	9.13
2008	11.26	10.26	6.96	10.71	9.74
2009	11.51	10.16	6.83	10.66	9.82
2010	11.54	10.19	6.77	10.56	9.83
2011	11.72	10.24	6.82	10.46	9.90
2012	11.88	10.09	6.67	10.21	9.84
2013	12.12	10.29	6.82	10.28	10.08
2012					
January	11.41	9.84	6.44	9.78	9.61
February	11.51	9.94	6.45	9.61	9.58
March	11.70	9.84	6.46	9.95	9.52
April	11.92	9.82	6.38	10.11	9.47
May	11.90	9.96	6.53	9.97	9.64
June	12.09	10.39	6.89	10.33	10.13
July	12.00	10.39	7.13	10.70	10.30
August	12.17	10.39	7.08	10.53	10.32
Sept	12.30	10.50	6.97	10.74	10.26
October	12.03	10.08	6.62	10.13	9.74
November	11.75	9.89	6.50	10.41	9.58
December	11.62	9.81	6.52	10.28	9.64
2013					
January	11.47	9.79	6.45	10.24	9.66
February	11.63	10.07	6.61	10.23	9.79
March	11.60	10.02	6.59	9.83	9.71
April	11.93	9.96	6.53	9.95	9.67
May	12.42	10.26	6.70	10.16	9.95
June	12.54	10.70	7.13	10.39	10.47
July	12.61	10.76	7.32	10.57	10.70
August	12.51	10.72	7.25	10.38	10.59
Sept	12.49	10.56	7.14	10.60	10.43
October	12.31	10.30	6.80	10.41	10.01
November	12.09	10.12	6.59	10.40	9.83
December	11.72	9.98	6.62	10.17	9.88
2014					
January	11.65	10.34	6.96	10.29	10.13
February	11.88	10.70	7.12	10.19	10.35
March	12.26	10.68	6.99	10.29	10.32
April	12.31	10.40	6.75	10.06	10.01
Year to Date					
2012	11.61	9.86	6.43	9.86	9.55
2013	11.64	9.96	6.55	10.06	9.71
2014	11.98	10.53	6.95	10.21	10.20
Rolling 12 Months Ending in April					
2013	11.88	10.12	6.71	10.28	9.89
2014	12.22	10.47	6.95	10.32	10.24

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
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Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, April 2014 and 2013 (Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	3,487	3,524	4,049	3,406	1,474	2,173	39	45	9,048	9,147
Connecticut	952	995	987	1,031	273	289	3	15	2,215	2,329
Maine	357	337	297	295	288	272	0	0	941	904
Massachusetts	1,446	1,468	1,976	1,308	577	1,271	34	28	4,033	4,076
New Hampshire	356	350	357	350	154	154	0	0	867	854
Rhode Island	217	216	275	266	74	72	2	2	568	557
Vermont	158	158	158	156	107	114	0	0	424	428
Middle Atlantic	9,576	9,504	12,085	11,894	5,822	5,532	319	333	27,803	27,263
New Jersey	1,804	1,749	2,883	2,775	617	548	27	25	5,331	5,097
New York	3,659	3,676	5,862	5,772	1,378	1,176	227	236	11,126	10,860
Pennsylvania	4,113	4,079	3,340	3,347	3,827	3,807	65	72	11,346	11,305
East North Central	12,381	12,948	13,764	13,918	15,311	15,715	61	57	41,516	42,638
Illinois	2,941	3,190	3,812	4,024	3,303	3,497	54	51	10,110	10,761
Indiana	2,078	2,162	1,821	1,783	3,739	3,751	2	2	7,639	7,697
Michigan	2,349	2,407	2,858	2,851	2,539	2,480	1	0	7,747	7,738
Ohio	3,401	3,545	3,446	3,431	3,876	4,137	4	4	10,728	11,117
Wisconsin	1,612	1,645	1,827	1,830	1,854	1,850	0	0	5,293	5,325
West North Central	7,011	7,469	7,769	7,707	7,005	6,862	3	3	21,788	22,042
Iowa	1,010	1,052	960	949	1,646	1,549	0	0	3,616	3,549
Kansas	760	857	1,126	1,160	904	791	0	0	2,790	2,807
Minnesota	1,646	1,704	1,839	1,772	1,667	1,716	2	1	5,154	5,193
Missouri	2,104	2,303	2,259	2,316	1,325	1,399	2	2	5,690	6,020
Nebraska	681	739	730	714	785	792	0	0	2,196	2,246
North Dakota	430	422	477	432	464	408	0	0	1,371	1,262
South Dakota	378	392	379	365	214	208	0	0	970	966
South Atlantic	22,745	23,502	23,208	22,788	11,398	11,145	110	109	57,461	57,545
Delaware	334	310	326	308	182	212	0	0	841	830
District of Columbia	151	129	660	620	19	18	26	25	856	791
Florida	8,009	8,194	7,310	7,219	1,387	1,390	8	8	16,714	16,810
Georgia	3,423	3,495	3,495	3,467	2,606	2,512	13	14	9,537	9,489
Maryland	1,809	1,784	2,262	2,202	298	292	46	45	4,415	4,323
North Carolina	3,538	3,757	3,593	3,444	2,144	2,186	1	1	9,276	9,388
South Carolina	1,809	1,901	1,565	1,536	2,366	2,351	0	0	5,740	5,788
Virginia	2,900	3,103	3,446	3,455	1,375	1,269	16	17	7,738	7,845
West Virginia	772	830	551	536	1,022	915	0	0	2,345	2,281
East South Central	7,604	8,086	6,595	6,681	8,386	9,690	0	0	22,586	24,458
Alabama	1,936	2,020	1,686	1,684	2,767	2,794	0	0	6,389	6,497
Kentucky	1,670	1,808	1,382	1,400	2,437	3,669	0	0	5,489	6,876
Mississippi	1,153	1,202	1,001	1,000	1,400	1,371	0	0	3,555	3,573
Tennessee	2,844	3,056	2,526	2,597	1,782	1,858	0	0	7,153	7,511
West South Central	12,517	13,161	14,084	14,138	14,075	12,884	14	7	40,690	40,191
Arkansas	1,165	1,258	870	882	1,381	1,347	NM	NM	3,417	3,488
Louisiana	1,831	1,910	1,785	1,773	2,640	2,527	1	1	6,256	6,211
Oklahoma	1,316	1,430	1,491	1,435	1,383	1,331	0	0	4,190	4,196
Texas	8,204	8,563	9,938	10,048	8,672	7,679	13	6	26,827	26,295
Mountain	6,073	6,201	7,243	7,315	6,713	6,510	11	11	20,040	20,037
Arizona	1,922	1,967	2,330	2,342	1,078	1,002	0	0	5,330	5,312
Colorado	1,278	1,303	1,538	1,553	1,260	1,223	5	5	4,082	4,084
Idaho	583	599	467	461	648	643	0	0	1,699	1,703
Montana	392	391	392	386	353	338	0	0	1,137	1,115
Nevada	647	660	690	720	1,114	1,093	1	1	2,452	2,473
New Mexico	434	436	682	708	619	598	0	0	1,735	1,741
Utah	591	612	833	821	839	766	5	5	2,268	2,205
Wyoming	224	233	310	324	803	848	0	0	1,337	1,404
Pacific Contiguous	10,441	10,512	13,124	13,046	7,052	6,721	76	57	30,693	30,335
California	6,110	5,996	9,506	9,406	3,821	3,504	73	55	19,510	18,961
Oregon	1,426	1,441	1,253	1,255	959	968	2	2	3,640	3,666
Washington	2,905	3,075	2,365	2,385	2,272	2,249	0	1	7,543	7,709
Pacific Noncontiguous	355	389	482	492	401	401	0	0	1,238	1,282
Alaska	161	176	228	233	110	106	0	0	499	515
Hawaii	193	213	254	259	291	295	0	0	739	767
U.S. Total	92,188	95,297	102,403	101,385	77,638	77,633	634	623	272,863	274,937

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
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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.
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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 April 2014 and 2013 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	17,308	16,449	17,814	14,339	5,900	8,689	196	202	41,217	39,680
Connecticut	4,761	4,552	4,445	4,190	1,105	1,067	48	66	10,359	9,874
Maine	1,722	1,583	1,297	1,274	1,059	970	0	0	4,078	3,827
Massachusetts	7,292	6,935	8,710	5,614	2,347	5,261	138	127	18,487	17,938
New Hampshire	1,693	1,594	1,508	1,459	635	621	0	0	3,837	3,674
Rhode Island	1,053	1,030	1,182	1,153	297	297	10	9	2,542	2,489
Vermont	787	755	672	650	456	473	0	0	1,915	1,878
Middle Atlantic	47,626	44,597	51,884	50,316	23,896	22,484	1,416	1,376	124,822	118,773
New Jersey	8,995	8,501	12,428	11,954	2,429	2,437	114	99	23,966	22,991
New York	17,332	16,331	24,819	24,217	5,562	4,498	1,010	977	48,722	46,022
Pennsylvania	21,299	19,765	14,637	14,145	15,906	15,550	292	300	52,134	49,760
East North Central	67,852	63,567	59,703	58,205	62,599	63,652	258	233	190,413	185,657
Illinois	15,897	15,082	16,727	16,405	14,110	14,411	229	205	46,963	46,103
Indiana	12,546	11,500	7,838	7,654	15,025	15,204	8	8	35,417	34,366
Michigan	11,820	11,405	12,127	11,913	10,157	9,799	2	2	34,106	33,119
Ohio	19,644	18,002	15,216	14,723	15,736	16,812	20	18	50,616	49,554
Wisconsin	7,945	7,578	7,795	7,511	7,570	7,426	0	0	23,310	22,515
West North Central	38,700	36,466	33,286	32,033	28,048	27,606	47	15	100,082	96,120
Iowa	5,340	5,088	4,155	3,984	6,438	6,166	0	0	15,934	15,238
Kansas	4,407	4,129	4,835	4,701	3,541	3,294	0	0	12,783	12,125
Minnesota	8,278	7,952	7,561	7,292	7,013	7,051	8	7	22,860	22,301
Missouri	12,836	11,855	9,914	9,677	5,192	5,518	9	9	27,952	27,059
Nebraska	3,689	3,567	3,090	2,968	3,172	3,087	0	0	9,950	9,622
North Dakota	2,228	2,063	2,106	1,870	1,849	1,677	0	0	6,184	5,610
South Dakota	1,921	1,812	1,624	1,540	844	813	30	0	4,419	4,166
South Atlantic	120,034	110,088	95,507	93,094	44,851	44,211	450	436	260,842	247,829
Delaware	1,779	1,602	1,368	1,302	702	847	0	0	3,850	3,751
District of Columbia	756	676	2,731	2,582	76	75	103	99	3,667	3,432
Florida	34,488	32,058	28,047	27,411	5,401	5,329	30	29	67,966	64,827
Georgia	18,917	16,980	14,490	14,109	10,103	9,852	55	55	43,565	40,995
Maryland	10,368	9,393	9,624	9,587	1,163	1,240	189	184	21,345	20,404
North Carolina	20,831	19,298	14,853	14,243	8,377	8,360	3	2	44,064	41,903
South Carolina	10,451	9,440	6,670	6,395	9,333	9,152	0	0	26,454	24,987
Virginia	17,452	16,097	15,111	14,963	5,598	5,335	68	67	38,229	36,462
West Virginia	4,991	4,543	2,613	2,501	4,096	4,022	2	2	11,701	11,068
East South Central	43,983	39,083	28,114	27,205	33,473	38,262	1	1	105,571	104,551
Alabama	11,122	9,898	7,053	6,762	11,162	10,887	0	0	29,337	27,547
Kentucky	10,268	9,331	6,143	5,949	9,862	14,645	0	0	26,273	29,925
Mississippi	6,566	5,742	4,210	4,048	5,459	5,313	0	0	16,236	15,103
Tennessee	16,028	14,112	10,707	10,445	6,989	7,417	1	1	33,725	31,975
West South Central	70,249	60,743	58,610	55,752	52,824	49,540	60	25	181,743	166,060
Arkansas	6,775	6,050	3,697	3,553	5,347	5,245	NM	NM	15,819	14,848
Louisiana	10,250	8,907	7,529	7,196	10,083	9,974	4	4	27,865	26,080
Oklahoma	7,593	6,928	5,968	5,711	5,324	5,167	0	0	18,885	17,806
Texas	45,631	38,859	41,417	39,291	32,070	29,155	56	21	119,174	107,326
Mountain	27,564	28,935	28,751	28,682	25,917	25,418	44	40	82,276	83,076
Arizona	7,796	8,665	8,695	8,683	4,219	3,979	0	0	20,711	21,326
Colorado	5,882	5,940	6,261	6,212	4,944	4,804	22	19	17,109	16,975
Idaho	3,039	3,162	1,999	1,975	2,231	2,328	0	0	7,268	7,465
Montana	1,985	1,858	1,672	1,606	1,318	1,361	0	0	4,975	4,825
Nevada	2,925	3,115	2,697	2,717	4,176	4,172	3	3	9,800	10,006
New Mexico	2,109	2,170	2,693	2,739	2,406	2,306	0	0	7,207	7,215
Utah	2,713	2,907	3,391	3,359	3,260	3,178	20	19	9,384	9,463
Wyoming	1,116	1,119	1,343	1,391	3,363	3,291	0	0	5,822	5,801
Pacific Contiguous	48,345	49,723	52,529	51,741	27,354	26,888	254	232	128,482	128,584
California	26,409	27,893	37,136	36,527	14,561	14,122	244	222	78,350	78,765
Oregon	7,188	7,256	5,266	5,195	3,736	3,747	8	8	16,198	16,206
Washington	14,749	14,574	10,127	10,019	9,056	9,019	2	2	33,934	33,613
Pacific Noncontiguous	1,596	1,640	1,969	1,978	1,609	1,572	0	0	5,175	5,190
Alaska	779	790	967	972	460	436	0	0	2,206	2,198
Hawaii	818	850	1,002	1,006	1,149	1,137	0	0	2,969	2,993
U.S. Total	483,259	451,291	428,168	413,345	306,470	308,324	2,726	2,560	1,220,622	1,175,520

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
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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, April 2014 and 2013 (Million Dollars)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	638	557	573	466	165	255	NM	NM	1,379	1,282
Connecticut	189	173	150	150	35	36	0	1	374	361
Maine	55	48	36	34	23	21	0	0	114	103
Massachusetts	263	219	275	180	70	160	NM	NM	611	561
New Hampshire	62	58	50	47	18	18	0	0	130	123
Rhode Island	40	31	39	32	9	8	0	0	88	71
Vermont	29	28	23	24	11	12	0	0	62	63
Middle Atlantic	1,539	1,439	1,570	1,459	438	394	39	39	3,586	3,331
New Jersey	284	270	376	339	68	57	3	3	731	668
New York	715	654	873	806	84	70	31	31	1,703	1,562
Pennsylvania	540	514	321	314	286	267	6	6	1,152	1,101
East North Central	1,580	1,567	1,358	1,323	1,025	1,023	3	3	3,966	3,917
Illinois	346	338	328	319	201	200	3	3	878	860
Indiana	247	246	180	172	251	248	0	0	678	667
Michigan	343	346	315	309	188	190	0	0	847	845
Ohio	422	414	337	326	246	247	0	0	1,005	988
Wisconsin	222	224	198	196	139	138	0	0	559	557
West North Central	781	781	690	656	456	434	0	0	1,927	1,870
Iowa	118	114	84	77	95	83	0	0	298	273
Kansas	96	99	114	109	67	56	0	0	277	265
Minnesota	197	197	173	162	116	118	0	0	487	477
Missouri	222	225	186	185	71	77	0	0	479	487
Nebraska	69	71	62	59	58	56	0	0	189	187
North Dakota	39	36	39	34	34	29	0	0	112	100
South Dakota	39	38	33	30	15	14	0	0	86	82
South Atlantic	2,695	2,625	2,246	2,106	743	695	9	9	5,694	5,435
Delaware	44	42	36	32	15	18	0	0	95	92
District of Columbia	20	16	80	73	1	1	3	NM	104	93
Florida	942	912	724	680	111	105	1	1	1,777	1,698
Georgia	393	378	353	336	156	147	1	1	904	862
Maryland	255	228	255	226	27	25	4	4	541	482
North Carolina	419	415	315	294	132	130	0	0	866	839
South Carolina	226	225	161	145	146	129	0	0	534	499
Virginia	321	329	276	274	93	83	1	1	692	687
West Virginia	74	80	47	46	62	58	0	0	182	184
East South Central	852	847	692	660	489	528	0	0	2,032	2,034
Alabama	228	230	178	174	159	152	0	0	565	557
Kentucky	179	179	135	125	129	184	0	0	443	488
Mississippi	137	136	110	104	91	83	0	0	338	324
Tennessee	307	302	269	256	110	108	0	0	686	666
West South Central	1,435	1,419	1,172	1,145	834	731	1	1	3,441	3,296
Arkansas	114	118	70	70	80	75	NM	NM	263	263
Louisiana	185	174	174	156	172	142	0	0	532	473
Oklahoma	145	147	113	108	74	70	0	0	332	325
Texas	990	980	815	811	509	444	1	1	2,314	2,235
Mountain	703	688	678	663	428	392	1	1	1,810	1,745
Arizona	230	231	221	225	69	63	0	0	520	519
Colorado	156	151	155	147	93	84	1	1	404	383
Idaho	56	53	36	33	37	34	0	0	129	119
Montana	39	40	37	37	18	17	0	0	94	94
Nevada	88	81	66	64	69	61	0	0	223	206
New Mexico	51	49	66	64	42	36	0	0	159	149
Utah	60	60	68	66	48	43	1	0	177	170
Wyoming	23	23	28	28	53	53	0	0	103	104
Pacific Contiguous	1,023	1,333	1,548	1,495	561	513	7	4	3,139	3,345
California	621	930	1,246	1,205	410	365	6	4	2,284	2,504
Oregon	148	140	110	106	56	55	0	0	314	301
Washington	254	263	191	184	96	93	0	0	541	540
Pacific Noncontiguous	104	111	125	127	104	104	0	0	334	342
Alaska	31	33	38	37	17	18	0	0	86	87
Hawaii	74	79	87	90	88	86	0	0	248	255
U.S. Total	11,349	11,368	10,652	10,100	5,244	5,069	64	62	27,308	26,598

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
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Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
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 April 2014 and 2013 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	3,050	2,573	2,670	2,038	739	1,062	18	15	6,478	5,688
Connecticut	914	780	699	621	148	136	8	6	1,768	1,545
Maine	256	228	178	154	117	87	0	0	551	469
Massachusetts	1,260	1,018	1,283	813	305	680	NM	8	2,857	2,520
New Hampshire	290	261	227	200	81	73	0	0	598	534
Rhode Island	195	159	185	156	41	36	1	1	423	353
Vermont	136	126	98	94	47	48	0	0	281	268
Middle Atlantic	7,731	6,735	7,245	6,337	2,019	1,632	171	167	17,167	14,871
New Jersey	1,405	1,303	1,693	1,445	318	247	12	10	3,428	3,006
New York	3,543	2,985	4,078	3,575	397	293	136	133	8,155	6,986
Pennsylvania	2,783	2,447	1,474	1,317	1,305	1,092	23	24	5,584	4,880
East North Central	7,993	7,376	5,808	5,459	4,334	4,103	16	13	18,150	16,952
Illinois	1,673	1,555	1,443	1,280	916	810	13	11	4,045	3,657
Indiana	1,348	1,199	761	723	1,023	992	1	1	3,133	2,915
Michigan	1,669	1,592	1,310	1,283	783	747	0	0	3,762	3,622
Ohio	2,238	2,020	1,467	1,377	1,042	1,004	1	1	4,748	4,402
Wisconsin	1,064	1,009	828	797	570	551	0	0	2,462	2,357
West North Central	3,964	3,667	2,884	2,689	1,837	1,747	4	1	8,689	8,105
Iowa	568	528	347	318	364	337	0	0	1,279	1,183
Kansas	506	458	468	440	257	230	0	0	1,231	1,128
Minnesota	964	900	716	658	500	482	1	1	2,180	2,041
Missouri	1,206	1,110	786	759	289	304	1	1	2,282	2,174
Nebraska	345	329	258	243	230	221	0	0	834	794
North Dakota	187	169	171	146	137	119	0	0	496	434
South Dakota	187	173	138	124	59	55	3	0	388	352
South Atlantic	13,694	12,048	9,356	8,646	3,018	2,779	40	38	26,109	23,511
Delaware	223	207	154	134	67	71	0	0	444	412
District of Columbia	96	82	349	307	7	5	10	10	463	403
Florida	4,080	3,609	2,803	2,629	433	407	3	3	7,319	6,647
Georgia	2,092	1,783	1,513	1,364	649	570	4	4	4,259	3,721
Maryland	1,400	1,180	1,129	989	120	104	17	16	2,666	2,288
North Carolina	2,273	2,016	1,309	1,216	534	505	0	0	4,116	3,737
South Carolina	1,256	1,079	682	615	584	513	0	0	2,522	2,207
Virginia	1,814	1,661	1,206	1,184	379	352	5	5	3,405	3,203
West Virginia	458	430	212	209	246	252	0	0	916	892
East South Central	4,599	3,962	2,903	2,676	2,040	2,144	0	0	9,542	8,782
Alabama	1,251	1,089	760	704	662	610	0	0	2,673	2,403
Kentucky	1,006	881	572	524	569	751	0	0	2,147	2,155
Mississippi	718	603	458	404	360	324	0	0	1,537	1,330
Tennessee	1,623	1,389	1,113	1,043	449	460	0	0	3,185	2,893
West South Central	7,422	6,290	4,787	4,504	3,108	2,783	3	3	15,320	13,579
Arkansas	594	546	283	279	301	294	NM	NM	1,179	1,119
Louisiana	924	806	687	645	586	578	0	0	2,198	2,029
Oklahoma	712	630	455	411	286	256	0	0	1,454	1,297
Texas	5,190	4,308	3,361	3,169	1,934	1,655	3	2	10,489	9,135
Mountain	3,053	3,067	2,652	2,551	1,620	1,506	5	4	7,329	7,128
Arizona	884	939	819	812	266	245	0	0	1,969	1,995
Colorado	691	671	613	582	353	332	2	2	1,659	1,587
Idaho	278	274	150	136	124	118	0	0	552	528
Montana	196	185	157	151	73	69	0	0	426	405
Nevada	375	364	254	238	246	219	0	0	876	821
New Mexico	243	242	264	253	152	139	0	0	658	634
Utah	276	284	278	263	186	175	2	2	741	724
Wyoming	111	108	117	116	220	209	0	0	448	434
Pacific Contiguous	5,938	6,354	6,255	5,766	2,177	2,008	20	17	14,390	14,145
California	3,926	4,410	4,978	4,554	1,555	1,423	20	16	10,478	10,403
Oregon	733	704	464	434	227	211	1	1	1,425	1,350
Washington	1,279	1,240	813	778	396	374	0	0	2,487	2,392
Pacific Noncontiguous	454	457	511	497	423	416	0	0	1,388	1,369
Alaska	145	140	162	146	70	70	0	0	377	357
Hawaii	309	317	349	351	353	345	0	0	1,011	1,012
U.S. Total	57,897	52,530	45,072	41,162	21,315	20,180	278	258	124,562	114,130

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
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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 Customers by End-Use Sector, by State, April 2014 and 2013 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	18.29	15.82	14.14	13.70	11.23	11.73	NM	NM	15.24	14.02
Connecticut	19.87	17.40	15.16	14.58	12.67	12.54	12.09	10.05	16.87	15.50
Maine	15.38	14.24	12.11	11.50	8.03	7.89	--	--	12.10	11.44
Massachusetts	18.19	14.94	13.94	13.75	12.14	12.59	NM	NM	15.15	13.77
New Hampshire	17.54	16.64	13.92	13.43	11.70	11.40	--	--	15.01	14.38
Rhode Island	18.26	14.36	14.09	11.93	12.18	10.82	12.58	13.01	15.43	12.74
Vermont	18.07	17.62	14.70	15.16	9.84	10.16	--	--	14.73	14.73
Middle Atlantic	16.07	15.14	12.99	12.27	7.53	7.12	12.32	11.79	12.90	12.22
New Jersey	15.72	15.45	13.05	12.20	11.04	10.31	10.77	10.49	13.71	13.11
New York	19.56	17.80	14.90	13.97	6.09	5.98	13.59	13.15	15.31	14.38
Pennsylvania	13.12	12.60	9.60	9.39	7.48	7.02	8.53	7.77	10.15	9.74
East North Central	12.76	12.10	9.87	9.51	6.69	6.51	5.50	5.99	9.55	9.19
Illinois	11.77	10.58	8.60	7.93	6.08	5.73	5.08	5.77	8.68	7.99
Indiana	11.90	11.37	9.88	9.67	6.70	6.62	10.70	10.03	8.87	8.66
Michigan	14.62	14.37	11.02	10.84	7.40	7.65	13.60	9.43	10.93	10.92
Ohio	12.40	11.68	9.79	9.51	6.34	5.97	7.78	6.63	9.37	8.89
Wisconsin	13.77	13.60	10.82	10.71	7.52	7.44	--	--	10.56	10.46
West North Central	11.13	10.45	8.88	8.51	6.51	6.32	8.17	7.93	8.84	8.48
Iowa	11.71	10.80	8.74	8.08	5.79	5.35	--	--	8.23	7.70
Kansas	12.62	11.55	10.08	9.44	7.43	7.12	--	--	9.92	9.43
Minnesota	11.97	11.58	9.43	9.13	6.95	6.87	9.90	9.67	9.44	9.19
Missouri	10.55	9.76	8.21	7.99	5.39	5.50	6.58	6.61	8.42	8.08
Nebraska	10.14	9.66	8.49	8.24	7.35	7.11	--	--	8.59	8.31
North Dakota	9.14	8.62	8.10	7.92	7.35	7.23	--	--	8.17	7.93
South Dakota	10.26	9.77	8.60	8.11	6.93	6.66	--	--	8.88	8.47
South Atlantic	11.85	11.17	9.68	9.24	6.52	6.24	8.39	8.62	9.91	9.45
Delaware	13.33	13.38	10.97	10.43	8.37	8.47	--	--	11.35	11.03
District of Columbia	13.16	12.36	12.16	11.83	6.21	4.93	9.57	NM	12.13	11.70
Florida	11.76	11.14	9.90	9.41	7.97	7.55	8.98	8.61	10.63	10.10
Georgia	11.49	10.80	10.10	9.69	6.00	5.86	7.46	7.03	9.48	9.08
Maryland	14.08	12.78	11.27	10.25	9.23	8.58	7.97	8.66	12.25	11.16
North Carolina	11.84	11.04	8.76	8.55	6.16	5.94	8.05	7.87	9.33	8.94
South Carolina	12.52	11.86	10.28	9.43	6.18	5.47	--	--	9.30	8.62
Virginia	11.08	10.61	8.02	7.93	6.73	6.52	8.10	8.14	8.94	8.76
West Virginia	9.56	9.67	8.45	8.60	6.04	6.32	9.59	8.48	7.76	8.07
East South Central	11.20	10.47	10.49	9.88	5.83	5.45	13.80	12.13	9.00	8.32
Alabama	11.79	11.40	10.54	10.35	5.76	5.45	--	--	8.85	8.57
Kentucky	10.72	9.87	9.75	8.94	5.29	5.02	--	--	8.07	7.10
Mississippi	11.87	11.31	11.00	10.44	6.48	6.07	--	--	9.50	9.06
Tennessee	10.81	9.88	10.66	9.86	6.15	5.82	13.80	12.13	9.59	8.87
West South Central	11.46	10.78	8.32	8.10	5.92	5.67	5.38	10.30	8.46	8.20
Arkansas	9.75	9.38	8.01	7.92	5.76	5.55	NM	NM	7.69	7.53
Louisiana	10.12	9.12	9.76	8.81	6.52	5.62	9.34	9.08	8.50	7.61
Oklahoma	11.05	10.31	7.60	7.55	5.32	5.23	--	--	7.93	7.76
Texas	12.07	11.44	8.20	8.07	5.86	5.79	5.09	10.50	8.63	8.50
Mountain	11.58	11.10	9.36	9.06	6.38	6.02	10.44	10.03	9.03	8.71
Arizona	11.97	11.74	9.49	9.59	6.40	6.29	--	--	9.76	9.76
Colorado	12.19	11.58	10.10	9.47	7.36	6.89	11.11	10.40	9.91	9.37
Idaho	9.55	8.78	7.74	7.10	5.75	5.27	--	--	7.60	7.00
Montana	9.98	10.15	9.54	9.54	5.05	5.17	--	--	8.29	8.43
Nevada	13.57	12.28	9.60	8.93	6.22	5.57	8.70	7.38	9.11	8.34
New Mexico	11.82	11.34	9.62	9.02	6.73	6.01	--	--	9.14	8.57
Utah	10.20	9.88	8.22	8.01	5.68	5.65	9.98	9.96	7.80	7.71
Wyoming	10.24	9.94	8.86	8.60	6.57	6.30	--	--	7.72	7.44
Pacific Contiguous	9.80	12.68	11.79	11.46	7.96	7.64	8.82	7.31	10.23	11.03
California	10.17	15.50	13.11	12.81	10.72	10.42	8.81	7.25	11.71	13.20
Oregon	10.37	9.73	8.81	8.43	5.81	5.71	9.24	8.93	8.63	8.23
Washington	8.75	8.56	8.08	7.72	4.21	4.13	7.95	8.31	7.17	7.01
Pacific Noncontiguous	29.42	28.63	25.98	25.80	26.03	25.86	--	--	26.98	26.68
Alaska	19.03	18.52	16.80	15.88	15.11	16.58	--	--	17.15	16.93
Hawaii	38.08	36.96	34.20	34.73	30.17	29.20	--	--	33.63	33.22
U.S. Total	12.31	11.93	10.40	9.96	6.75	6.53	10.06	9.95	10.01	9.67

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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 Customers by End-Use Sector, by State, Year-to-Date through April 2014 and 2013 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD	April 2014 YTD	April 2013 YTD
New England	17.62	15.64	14.99	14.21	12.53	12.22	9.34	7.58	15.72	14.34
Connecticut	19.19	17.15	15.73	14.83	13.40	12.80	16.06	9.39	17.07	15.64
Maine	14.88	14.38	13.70	12.11	11.02	9.00	--	--	13.50	12.26
Massachusetts	17.28	14.68	14.73	14.48	13.00	12.93	NM	6.28	15.46	14.05
New Hampshire	17.11	16.37	15.07	13.72	12.72	11.78	--	--	15.58	14.54
Rhode Island	18.51	15.49	15.69	13.51	13.81	12.29	14.02	12.62	16.63	14.18
Vermont	17.32	16.71	14.54	14.39	10.34	10.16	--	--	14.68	14.26
Middle Atlantic	16.23	15.10	13.96	12.59	8.45	7.26	12.10	12.13	13.75	12.52
New Jersey	15.62	15.33	13.62	12.09	13.10	10.15	10.24	10.45	14.31	13.07
New York	20.44	18.28	16.43	14.76	7.13	6.51	13.50	13.61	16.74	15.18
Pennsylvania	13.06	12.38	10.07	9.31	8.20	7.02	7.98	7.84	10.71	9.81
East North Central	11.78	11.60	9.73	9.38	6.92	6.45	6.06	5.73	9.53	9.13
Illinois	10.52	10.31	8.63	7.81	6.49	5.62	5.73	5.49	8.61	7.93
Indiana	10.75	10.43	9.71	9.44	6.81	6.52	10.01	9.81	8.85	8.48
Michigan	14.12	13.96	10.80	10.77	7.71	7.62	13.53	9.44	11.03	10.94
Ohio	11.39	11.22	9.64	9.35	6.62	5.97	7.38	6.37	9.38	8.88
Wisconsin	13.40	13.32	10.62	10.61	7.52	7.42	--	--	10.56	10.47
West North Central	10.24	10.06	8.66	8.40	6.55	6.33	9.26	7.52	8.68	8.43
Iowa	10.63	10.37	8.36	7.99	5.65	5.47	--	--	8.03	7.76
Kansas	11.48	11.10	9.67	9.35	7.26	6.98	--	--	9.63	9.30
Minnesota	11.64	11.32	9.46	9.03	7.13	6.83	9.78	9.30	9.54	9.15
Missouri	9.40	9.36	7.92	7.85	5.56	5.51	5.96	6.17	8.16	8.03
Nebraska	9.36	9.23	8.36	8.20	7.26	7.16	--	--	8.38	8.25
North Dakota	8.41	8.21	8.13	7.81	7.43	7.07	--	--	8.02	7.73
South Dakota	9.75	9.52	8.50	8.05	7.01	6.78	10.17	--	8.77	8.44
South Atlantic	11.41	10.94	9.80	9.29	6.73	6.29	8.97	8.62	10.01	9.49
Delaware	12.54	12.94	11.27	10.26	9.53	8.43	--	--	11.54	10.99
District of Columbia	12.76	12.12	12.78	11.89	9.25	6.52	9.72	9.76	12.62	11.76
Florida	11.83	11.26	9.99	9.59	8.01	7.63	9.36	8.77	10.77	10.25
Georgia	11.06	10.50	10.44	9.67	6.43	5.78	8.04	7.27	9.78	9.08
Maryland	13.50	12.56	11.73	10.31	10.33	8.36	9.12	8.59	12.49	11.21
North Carolina	10.91	10.45	8.81	8.54	6.37	6.04	8.03	7.88	9.34	8.92
South Carolina	12.02	11.43	10.22	9.62	6.26	5.60	--	--	9.53	8.83
Virginia	10.40	10.32	7.98	7.91	6.76	6.60	8.03	8.08	8.91	8.78
West Virginia	9.18	9.47	8.10	8.35	6.00	6.27	9.52	8.60	7.82	8.06
East South Central	10.46	10.14	10.33	9.84	6.09	5.60	13.71	11.56	9.04	8.40
Alabama	11.25	11.01	10.77	10.41	5.93	5.60	--	--	9.11	8.72
Kentucky	9.80	9.44	9.32	8.81	5.76	5.12	--	--	8.17	7.20
Mississippi	10.94	10.50	10.88	9.98	6.60	6.09	--	--	9.47	8.81
Tennessee	10.13	9.85	10.39	9.99	6.43	6.20	13.71	11.56	9.45	9.05
West South Central	10.56	10.35	8.17	8.08	5.88	5.62	5.38	10.36	8.43	8.18
Arkansas	8.77	9.02	7.67	7.86	5.63	5.60	NM	NM	7.45	7.53
Louisiana	9.02	9.05	9.13	8.96	5.81	5.79	9.49	9.45	7.89	7.78
Oklahoma	9.38	9.09	7.63	7.19	5.37	4.96	--	--	7.70	7.28
Texas	11.37	11.09	8.12	8.07	6.03	5.68	5.10	10.52	8.80	8.51
Mountain	11.08	10.60	9.22	8.89	6.25	5.93	10.24	10.03	8.91	8.58
Arizona	11.34	10.83	9.42	9.35	6.29	6.15	--	--	9.51	9.36
Colorado	11.74	11.30	9.79	9.37	7.14	6.91	10.73	10.46	9.70	9.35
Idaho	9.13	8.66	7.52	6.89	5.58	5.07	--	--	7.60	7.07
Montana	9.89	9.95	9.39	9.37	5.53	5.11	--	--	8.57	8.39
Nevada	12.81	11.69	9.44	8.75	5.90	5.25	8.48	7.39	8.94	8.21
New Mexico	11.51	11.16	9.79	9.23	6.31	6.02	--	--	9.13	8.78
Utah	10.16	9.76	8.20	7.84	5.69	5.51	9.94	9.96	7.90	7.65
Wyoming	9.96	9.69	8.69	8.36	6.55	6.35	--	--	7.70	7.48
Pacific Contiguous	12.28	12.78	11.91	11.14	7.96	7.47	8.08	7.19	11.20	11.00
California	14.87	15.81	13.40	12.47	10.68	10.08	8.04	7.12	13.37	13.21
Oregon	10.20	9.70	8.82	8.35	6.07	5.63	9.08	8.81	8.80	8.33
Washington	8.67	8.51	8.02	7.77	4.37	4.14	8.77	8.22	7.33	7.12
Pacific Noncontiguous	28.42	27.86	25.95	25.11	26.29	26.43	--	--	26.82	26.38
Alaska	18.61	17.76	16.78	15.02	15.19	16.14	--	--	17.09	16.23
Hawaii	37.77	37.24	34.80	34.86	30.73	30.37	--	--	34.04	33.83
U.S. Total	11.98	11.64	10.53	9.96	6.95	6.55	10.21	10.06	10.20	9.71

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
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 6.1. Electric Generating Summer Capacity Changes (MW) for Utility Scale Units, March 2014 to April 2014

	As of End of March 2014	Activity During April 2014 as Reported to EIA		As of End of April 2014	Net Change in Capacity - Current Month and Prior Periods			Changes in and Total Net Summer Capacity -- Outlook Based on Reports to EIA							
								Planned Capacity Additions		Planned Capacity Reductions		Planned Net Change		Planned Total Net Summer	
Technology	Total In-Service Capacity	Actual Capacity Additions	Actual Capacity Reductions	Total In-Service Capacity	Current Month	Year to Date	Past 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	At End of Next Month	At End of Next 12 Months
..... Wind (Summer Capacity)	60,787.4	13.0	0.0	60,800.4	13.0	431.5	1,358.6	367.5	6,040.5	0.0	0.0	367.5	6,040.5	61,167.9	66,840.9
..... *Solar Photovoltaic*	*5,593.5*	*256.6*	*0.0*	*5,850.1*	*256.6*	*871.8*	*2,826.9*	*144.7*	*3,283.9*	*0.0*	*0.0*	*144.7*	*3,283.9*	*5,994.8*	*9,134.0*
..... *Solar Thermal without Energy Storage*	*1,117.0*	*0.0*	*0.0*	*1,117.0*	*0.0*	*125.0*	*641.0*	*0.0*	*250.0*	*0.0*	*0.0*	*0.0*	*250.0*	*1,117.0*	*1,367.0*
..... *Solar Thermal with Energy Storage*	*250.0*	*0.3*	*0.0*	*250.3*	*0.3*	*0.3*	*250.3*	*0.0*	*116.0*	*0.0*	*0.0*	*0.0*	*116.0*	*250.3*	*366.3*
..... Solar Subtotal	6,960.5	256.9	0.0	7,217.4	256.9	997.1	3,718.2	144.7	3,649.9	0.0	0.0	144.7	3,649.9	7,362.1	10,867.3
..... Conventional Hydroelectric	78,997.1	13.2	0.0	79,010.3	13.2	-9.9	219.7	5.6	415.8	0.0	0.0	5.6	415.8	79,015.9	79,426.1
..... *Wood/Wood Waste Biomass*	*8,231.3*	*0.0*	*1.0*	*8,230.3*	*-1.0*	*29.0*	*684.0*	*0.0*	*46.5*	*0.0*	*0.0*	*0.0*	*46.5*	*8,230.3*	*8,276.8*
..... *Landfill Gas*	*1,995.6*	*6.7*	*0.0*	*2,002.3*	*6.7*	*30.5*	*62.4*	*9.6*	*40.3*	*0.0*	*9.0*	*9.6*	*31.3*	*2,011.9*	*2,033.6*
..... *Municipal Solid Waste*	*2,230.7*	*0.0*	*0.0*	*2,230.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*2,230.7*	*2,230.7*
..... *Other Waste Biomass*	*863.8*	*8.9*	*0.0*	*872.7*	*8.9*	*33.5*	*150.9*	*1.8*	*22.5*	*0.0*	*0.0*	*1.8*	*22.5*	*874.5*	*895.2*
..... Biomass Sources Subtotal	13,321.4	15.6	1.0	13,336.0	14.6	93.0	897.3	11.4	109.3	0.0	9.0	11.4	100.3	13,347.4	13,436.3
..... Geothermal	2,698.5	0.0	0.0	2,698.5	0.0	9.9	113.3	0.0	0.0	0.0	0.0	0.0	0.0	2,698.5	2,698.5
... Renewable Sources Subtotal	***162,764.9***	***298.7***	***1.0***	***163,062.6***	***297.7***	***1,521.6***	***6,307.1***	***529.2***	***10,215.5***	***0.0***	***9.0***	***529.2***	***10,206.5***	***163,591.8***	***173,269.1***
..... *Natural Gas Fired Combined Cycle*	*224,770.4*	*1,212.1*	*1.9*	*225,980.6*	*1,210.2*	*1,101.9*	*3,266.4*	*649.0*	*5,242.7*	*0.0*	*27.0*	*649.0*	*5,215.7*	*226,629.6*	*231,196.3*
..... *Natural Gas Fired Combustion Turbine*	*124,389.0*	*242.2*	*0.1*	*124,631.1*	*242.1*	*224.2*	*2,963.3*	*8.8*	*471.5*	*0.0*	*143.0*	*8.8*	*328.5*	*124,639.9*	*124,959.6*
..... *Natural Gas with Compressed Air Storage*	*110.0*	*0.0*	*0.0*	*110.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*110.0*	*110.0*
..... *Other Natural Gas*	*77,571.1*	*5.1*	*16.7*	*77,559.5*	*-11.6*	*1.5*	*-1,730.9*	*109.4*	*1,395.9*	*0.0*	*351.0*	*109.4*	*1,044.9*	*77,668.9*	*78,604.4*
..... Natural Gas Subtotal	426,840.5	1,459.4	18.7	428,281.2	1,440.7	1,327.6	4,498.8	767.2	7,110.1	0.0	521.0	767.2	6,589.1	429,048.4	434,870.3
..... *Conventional Steam Coal*	*304,367.6*	*0.0*	*372.0*	*303,995.6*	*-372.0*	*-1,217.7*	*-5,037.8*	*0.0*	*82.1*	*113.2*	*4,583.2*	*-113.2*	*-4,501.1*	*303,882.4*	*299,494.5*
..... *Coal Integrated Gasification Combined Cycle*	*790.6*	*0.0*	*0.0*	*790.6*	*0.0*	*0.0*	*570.6*	*0.0*	*521.7*	*0.0*	*0.0*	*0.0*	*521.7*	*790.6*	*1,312.3*
..... Coal Subtotal	305,158.2	0.0	372.0	304,786.2	-372.0	-1,217.7	-4,467.2	0.0	603.8	113.2	4,583.2	-113.2	-3,979.4	304,673.0	300,806.8
..... Petroeum Coke	2,428.2	0.0	0.0	2,428.2	0.0	-281.1	-281.1	0.0	0.0	0.0	0.0	0.0	0.0	2,428.2	2,428.2
..... Petroleum Liquids	42,137.8	18.0	6.6	42,149.2	11.4	-789.6	-2,225.1	1.8	23.7	1.0	588.4	0.8	-564.7	42,150.0	41,584.5
..... Other Gases	1,941.6	0.0	0.0	1,941.6	0.0	0.0	0.0	0.0	0.0	0.0	43.2	0.0	-43.2	1,941.6	1,898.4
... Fossil Fuels Subtotal	***778,506.3***	***1,477.4***	***397.3***	***779,586.4***	***1,080.1***	***-960.8***	***-2,474.6***	***769.0***	***7,737.6***	***114.2***	***5,735.8***	***654.8***	***2,001.8***	***780,241.2***	***781,588.2***
..... Hydroelectric Pumped Storage	22,368.3	0.0	0.0	22,368.3	0.0	0.0	0.0	22.0	22.0	0.0	0.0	22.0	22.0	22,390.3	22,390.3
..... Flywheels	43.0	0.0	0.0	43.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	43.0
..... Batteries	158.6	0.0	0.0	158.6	0.0	15.8	16.8	0.0	0.0	0.0	0.0	0.0	0.0	158.6	158.6
... Energy Storage Subtotal	***22,569.9***	***0.0***	***0.0***	***22,569.9***	***0.0***	***15.8***	***36.8***	***22.0***	***22.0***	***0.0***	***0.0***	***22.0***	***22.0***	***22,591.9***	***22,591.9***
... Nuclear	***98,977.0***	***0.0***	***0.0***	***98,977.0***	***0.0***	***-128.0***	***-2,491.0***	***0.0***	***0.0***	***0.0***	***604.3***	***0.0***	***-604.3***	***98,977.0***	***98,372.7***
... All Other	***1,564.1***	***4.9***	***0.0***	***1,569.0***	***4.9***	***4.9***	***4.9***	***0.0***	***35.0***	***0.0***	***0.0***	***0.0***	***35.0***	***1,569.0***	***1,604.0***
TOTAL	**1,064,382.2**	**1,781.0**	**398.3**	**1,065,764.9**	**1,382.7**	**453.5**	**1,383.2**	**1,320.2**	**18,010.1**	**114.2**	**6,349.1**	**1,206.0**	**11,661.0**	**1,066,970.9**	**1,077,425.9**

NOTES:

Planned Capacity Additions reflect plans to begin operating new units and plans to uprate existing units.

Planned Capacity Reductions reflect plans to retire or derate existing units.

Actual Capacity Additions reflect new units, uprates to existing units, corrections to previously reported capacities, and additions not previously reported.

Actual Capacity Reductions reflect retirements of and derates to existing units, corrections to previously reported capacities, and reductions not previously reported.

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.

Table 6.2.A. Net Summer Capacity of Utility Scale Units by Technology and by State, April 2014 and 2013 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	4,368.0	4,179.9	24,415.6	24,726.1	1,753.4	1,753.4	3.0	3.0	4,630.3	4,630.3	48.0	48.0	35,218.3	35,340.7
Connecticut	337.2	294.7	6,421.0	6,720.5	29.4	29.4	0.0	0.0	2,102.5	2,102.5	26.0	26.0	8,916.1	9,173.1
Maine	1,699.3	1,701.7	2,764.9	2,764.9	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,486.2	4,488.6
Massachusetts	838.8	762.4	11,138.4	11,149.4	1,724.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	14,381.5	14,316.1
New Hampshire	923.0	862.5	2,238.7	2,238.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,407.9	4,347.4
Rhode Island	34.8	27.9	1,752.8	1,752.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,787.6	1,780.7
Vermont	534.9	530.7	99.8	99.8	0.0	0.0	0.0	0.0	604.3	604.3	0.0	0.0	1,239.0	1,234.8
Middle Atlantic	9,959.4	9,680.1	68,745.0	71,401.8	3,321.0	3,321.0	40.0	28.0	19,084.4	19,055.4	11.2	11.2	101,161.0	103,497.5
New Jersey	527.3	480.5	13,950.6	13,927.4	400.0	400.0	0.0	0.0	4,114.5	4,114.5	11.2	11.2	19,003.6	18,933.6
New York	6,560.7	6,441.2	25,840.4	25,914.2	1,400.0	1,400.0	20.0	28.0	5,263.3	5,263.3	0.0	0.0	39,084.4	39,046.7
Pennsylvania	2,871.4	2,758.4	28,954.0	31,560.2	1,521.0	1,521.0	20.0	0.0	9,706.6	9,677.6	0.0	0.0	43,073.0	45,517.2
East North Central	9,364.2	8,789.9	123,278.4	123,105.8	1,871.0	1,871.0	24.0	0.0	18,809.2	19,359.2	114.1	114.1	153,460.9	153,240.0
Illinois	3,724.7	3,715.1	29,884.8	29,852.3	0.0	0.0	0.0	0.0	11,541.0	11,541.0	5.0	5.0	45,155.5	45,113.4
Indiana	1,718.4	1,663.9	25,614.7	25,079.1	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,421.1	26,831.0
Michigan	1,998.3	1,574.3	23,059.6	22,953.5	1,871.0	1,871.0	0.0	0.0	3,936.2	3,936.2	0.0	0.0	30,865.1	30,335.0
Ohio	764.2	746.9	29,550.8	29,982.3	0.0	0.0	24.0	0.0	2,150.0	2,134.0	0.0	0.0	32,489.0	32,863.2
Wisconsin	1,158.6	1,089.7	15,168.5	15,238.6	0.0	0.0	0.0	0.0	1,182.0	1,748.0	21.1	21.1	17,530.2	18,097.4
West North Central	18,192.4	17,734.4	62,265.4	62,188.6	657.0	657.0	1.0	0.0	5,884.0	5,805.0	23.7	23.7	87,023.5	86,408.7
Iowa	5,222.8	5,167.4	10,157.1	10,251.9	0.0	0.0	0.0	0.0	601.4	601.4	0.0	0.0	15,981.3	16,020.7
Kansas	2,990.9	2,733.2	10,178.5	10,185.1	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.0	0.0	14,344.4	14,093.3
Minnesota	3,450.1	3,390.9	10,470.4	10,444.8	0.0	0.0	1.0	0.0	1,673.0	1,594.0	18.4	18.4	15,612.9	15,448.1
Missouri	1,041.9	1,038.1	19,105.3	19,133.1	657.0	657.0	0.0	0.0	1,190.0	1,190.0	0.0	0.0	21,994.2	22,018.2
Nebraska	821.2	741.6	6,286.9	6,286.9	0.0	0.0	0.0	0.0	1,244.6	1,244.6	0.0	0.0	8,352.7	8,273.1
North Dakota	2,277.0	2,274.7	4,368.1	4,208.1	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	6,650.4	6,488.1
South Dakota	2,388.5	2,388.5	1,699.1	1,678.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,087.6	4,067.2
South Atlantic	12,337.0	11,526.3	162,890.8	163,434.6	7,905.2	7,905.2	32.0	32.0	24,475.0	24,603.0	406.0	406.0	208,046.0	207,907.1
Delaware	38.3	34.3	3,184.0	3,339.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,222.3	3,373.5
District of Columbia	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
Florida	1,334.9	1,160.0	54,810.8	53,886.8	0.0	0.0	0.0	0.0	3,572.0	3,700.0	352.0	352.0	60,069.7	59,098.8
Georgia	2,850.8	2,753.4	29,472.9	29,863.7	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	0.0	0.0	38,246.9	38,540.3
Maryland	909.5	882.9	9,733.5	9,618.4	0.0	0.0	0.0	0.0	1,716.0	1,716.0	0.0	0.0	12,359.0	12,217.3
North Carolina	2,744.6	2,565.4	22,107.2	22,704.1	86.0	86.0	0.0	0.0	5,056.0	5,056.0	54.0	54.0	30,047.8	30,465.5
South Carolina	1,768.4	1,725.1	11,839.7	12,133.7	2,716.0	2,716.0	0.0	0.0	6,508.0	6,508.0	0.0	0.0	22,832.1	23,082.8
Virginia	1,818.3	1,533.0	16,321.6	16,497.6	3,241.0	3,241.0	0.0	0.0	3,562.0	3,562.0	0.0	0.0	24,942.9	24,833.6
West Virginia	872.2	872.2	15,411.1	15,381.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,315.3	16,285.3
East South Central	7,974.3	7,937.6	70,876.3	71,177.3	1,616.3	1,616.3	0.0	0.0	9,863.1	9,634.1	1.4	1.4	90,331.4	90,366.7
Alabama	3,978.9	3,948.9	23,333.1	23,555.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	32,355.4	32,547.4
Kentucky	900.7	896.7	20,121.1	20,121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21,021.8	21,017.8
Mississippi	236.7	236.7	13,971.5	14,050.5	0.0	0.0	0.0	0.0	1,419.0	1,190.0	1.4	1.4	15,628.6	15,478.6
Tennessee	2,858.0	2,855.3	13,450.6	13,450.6	1,616.3	1,616.3	0.0	0.0	3,400.7	3,400.7	0.0	0.0	21,325.6	21,322.9
West South Central	19,874.5	19,690.2	145,496.2	145,146.8	288.0	288.0	36.0	37.0	8,922.0	8,922.0	439.0	435.9	175,055.7	174,519.9
Arkansas	1,666.5	1,666.5	11,858.8	12,398.8	28.0	28.0	0.0	0.0	1,828.0	1,828.0	0.0	0.0	15,381.3	15,921.3
Louisiana	571.5	571.5	22,644.7	22,634.8	0.0	0.0	0.0	0.0	2,134.0	2,134.0	210.7	207.6	25,560.9	25,547.9
Oklahoma	4,070.7	4,067.7	19,160.6	19,160.6	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	23,491.3	23,488.3
Texas	13,565.8	13,384.5	91,832.1	90,952.6	0.0	0.0	36.0	37.0	4,960.0	4,960.0	228.3	228.3	110,622.2	109,562.4
Mountain	19,929.6	19,229.6	65,006.3	65,234.2	778.8	778.8	2.6	1.8	3,937.0	3,937.0	111.4	111.4	89,765.7	89,292.8
Arizona	4,207.5	3,721.2	20,125.9	20,335.9	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,486.7	28,210.4
Colorado	3,119.0	3,057.3	11,242.4	11,333.9	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,933.2	14,963.0
Idaho	3,774.7	3,762.9	1,133.1	1,133.1	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	4,922.6	4,910.8
Montana	3,392.3	3,398.0	2,913.7	2,913.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,350.0	6,355.7
Nevada	1,996.0	1,906.1	8,559.7	8,559.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,555.7	10,465.8
New Mexico	1,075.8	1,028.6	7,455.9	7,344.0	0.0	0.0	2.6	1.8	0.0	0.0	0.0	0.0	8,534.3	8,374.4
Utah	649.9	641.1	6,966.3	6,959.7	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	7,648.0	7,632.6
Wyoming	1,714.4	1,714.4	6,609.3	6,654.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,335.2	8,380.1
Pacific Contiguous	60,029.6	56,973.2	52,654.6	51,671.9	4,177.6	4,177.6	0.0	0.0	3,372.0	5,522.0	387.6	385.8	120,621.4	118,730.5
California	23,687.7	20,718.3	43,909.7	42,925.0	3,863.6	3,863.6	0.0	0.0	2,240.0	4,390.0	377.6	375.8	74,078.6	72,272.7
Oregon	11,954.8	11,949.0	3,595.2	3,597.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,550.0	15,546.2
Washington	24,387.1	24,305.9	5,149.7	5,149.7	314.0	314.0	0.0	0.0	1,132.0	1,132.0	10.0	10.0	30,992.8	30,911.6
Pacific Noncontiguous	1,033.6	1,014.3	3,957.8	3,973.9	0.0	0.0	63.0	63.0	0.0	0.0	26.6	26.6	5,081.0	5,077.8
Alaska	480.2	477.9	1,892.9	1,808.7	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,400.1	2,313.6
Hawaii	553.4	536.4	2,064.9	2,165.2	0.0	0.0	36.0	36.0	0.0	0.0	26.6	26.6	2,680.9	2,764.2
U.S. Total	163,062.6	156,755.5	779,586.4	782,061.0	22,368.3	22,368.3	201.6	164.8	98,977.0	101,468.0	1,569.0	1,564.1	1,065,764.9	1,064,381.7

Values are preliminary.

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.

Concentrated Solar Power Energy Storage is included in 'Renewable sources'; it is not included in 'Other Energy Storage'

Table 6.2.B. Net Summer Capacity of Utility Scale Units Using Primarily Renewable Energy Sources and by State, April 2014 and 2013 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	796.4	785.0	129.2	49.2	0.3	0.0	1,950.2	1,963.0	1,491.9	1,382.7	0.0	0.0	4,368.0	4,179.9
Connecticut	0.0	0.0	5.0	0.0	0.0	0.0	122.2	122.2	210.0	172.5	0.0	0.0	337.2	294.7
Maine	427.6	427.6	0.0	0.0	0.0	0.0	734.4	739.5	537.3	534.6	0.0	0.0	1,699.3	1,701.7
Massachusetts	76.1	64.7	105.1	41.2	0.3	0.0	260.4	261.1	396.9	395.4	0.0	0.0	838.8	762.4
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	506.9	513.9	245.1	177.6	0.0	0.0	923.0	862.5
Rhode Island	1.5	1.5	6.9	0.0	0.0	0.0	2.7	2.7	23.7	23.7	0.0	0.0	34.8	27.9
Vermont	120.2	120.2	12.2	8.0	0.0	0.0	323.6	323.6	78.9	78.9	0.0	0.0	534.9	530.7
Middle Atlantic	3,082.2	3,017.7	382.1	320.6	0.0	0.0	5,217.1	5,076.7	1,278.0	1,265.1	0.0	0.0	9,959.4	9,680.1
New Jersey	7.5	7.5	298.9	252.1	0.0	0.0	3.3	3.3	217.6	217.6	0.0	0.0	527.3	480.5
New York	1,730.8	1,636.4	46.2	31.5	0.0	0.0	4,320.7	4,311.9	463.0	461.4	0.0	0.0	6,560.7	6,441.2
Pennsylvania	1,343.9	1,373.8	37.0	37.0	0.0	0.0	893.1	761.5	597.4	586.1	0.0	0.0	2,871.4	2,758.4
East North Central	7,200.9	6,768.9	125.7	62.6	0.0	0.0	827.4	817.1	1,210.2	1,141.3	0.0	0.0	9,364.2	8,789.9
Illinois	3,525.1	3,520.1	33.6	29.0	0.0	0.0	34.1	34.1	131.9	131.9	0.0	0.0	3,724.7	3,715.1
Indiana	1,539.7	1,539.7	58.0	3.5	0.0	0.0	59.5	59.5	61.2	61.2	0.0	0.0	1,718.4	1,663.9
Michigan	1,295.9	874.8	0.0	0.0	0.0	0.0	237.0	237.0	465.4	462.5	0.0	0.0	1,998.3	1,574.3
Ohio	470.6	464.7	34.1	30.1	0.0	0.0	101.7	101.7	157.8	150.4	0.0	0.0	764.2	746.9
Wisconsin	369.6	369.6	0.0	0.0	0.0	0.0	395.1	384.8	393.9	335.3	0.0	0.0	1,158.6	1,089.7
West North Central	14,456.8	14,027.5	2.8	0.0	0.0	0.0	3,282.6	3,282.7	450.2	424.2	0.0	0.0	18,192.4	17,734.4
Iowa	5,055.6	5,005.0	0.0	0.0	0.0	0.0	147.8	147.8	19.4	14.6	0.0	0.0	5,222.8	5,167.4
Kansas	2,968.9	2,718.9	0.0	0.0	0.0	0.0	7.0	7.2	15.0	7.1	0.0	0.0	2,990.9	2,733.2
Minnesota	2,893.9	2,842.3	0.0	0.0	0.0	0.0	176.2	176.1	380.0	372.5	0.0	0.0	3,450.1	3,390.9
Missouri	458.5	458.5	2.8	0.0	0.0	0.0	570.3	570.3	10.3	9.3	0.0	0.0	1,041.9	1,038.1
Nebraska	530.2	455.4	0.0	0.0	0.0	0.0	275.3	275.3	15.7	10.9	0.0	0.0	821.2	741.6
North Dakota	1,759.2	1,756.9	0.0	0.0	0.0	0.0	508.0	508.0	9.8	9.8	0.0	0.0	2,277.0	2,274.7
South Dakota	790.5	790.5	0.0	0.0	0.0	0.0	1,598.0	1,598.0	0.0	0.0	0.0	0.0	2,388.5	2,388.5
South Atlantic	705.3	705.3	492.4	258.1	0.0	0.0	7,176.2	7,145.5	3,963.1	3,417.4	0.0	0.0	12,337.0	11,526.3
Delaware	2.0	2.0	28.3	24.3	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	38.3	34.3
District of Columbia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida	0.0	0.0	66.4	66.4	0.0	0.0	54.5	54.5	1,214.0	1,039.1	0.0	0.0	1,334.9	1,160.0
Georgia	0.0	0.0	61.1	3.2	0.0	0.0	2,047.9	2,047.9	741.8	702.3	0.0	0.0	2,850.8	2,753.4
Maryland	120.0	120.0	52.4	29.6	0.0	0.0	590.0	590.0	147.1	143.3	0.0	0.0	909.5	882.9
North Carolina	0.0	0.0	281.7	134.6	0.0	0.0	1,991.7	1,964.2	471.2	466.6	0.0	0.0	2,744.6	2,565.4
South Carolina	0.0	0.0	2.5	0.0	0.0	0.0	1,339.2	1,336.0	426.7	389.1	0.0	0.0	1,768.4	1,725.1
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	866.2	866.2	952.1	666.8	0.0	0.0	1,818.3	1,533.0
West Virginia	583.3	583.3	0.0	0.0	0.0	0.0	286.7	286.7	2.2	2.2	0.0	0.0	872.2	872.2
East South Central	29.1	29.1	13.6	12.8	0.0	0.0	6,719.9	6,715.9	1,211.7	1,179.8	0.0	0.0	7,974.3	7,937.6
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	706.7	676.7	0.0	0.0	3,978.9	3,948.9
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	831.6	827.6	69.1	69.1	0.0	0.0	900.7	896.7
Mississippi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236.7	236.7	0.0	0.0	236.7	236.7
Tennessee	29.1	29.1	13.6	12.8	0.0	0.0	2,616.1	2,616.1	199.2	197.3	0.0	0.0	2,858.0	2,855.3
West South Central	15,461.8	15,311.8	120.3	75.2	0.0	0.0	3,065.2	3,080.2	1,227.2	1,223.0	0.0	0.0	19,874.5	19,690.2
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1,340.7	1,340.7	325.8	325.8	0.0	0.0	1,666.5	1,666.5
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0	192.0	192.0	379.5	379.5	0.0	0.0	571.5	571.5
Oklahoma	3,132.9	3,132.9	0.0	0.0	0.0	0.0	861.2	858.2	76.6	76.6	0.0	0.0	4,070.7	4,067.7
Texas	12,328.9	12,178.9	120.3	75.2	0.0	0.0	671.3	689.3	445.3	441.1	0.0	0.0	13,565.8	13,384.5
Mountain	6,812.3	6,758.1	1,575.6	1,263.5	319.5	69.5	10,552.9	10,546.4	186.8	159.9	482.5	432.2	19,929.6	19,229.6
Arizona	237.3	237.3	960.3	724.0	251.0	1.0	2,720.4	2,720.4	38.5	38.5	0.0	0.0	4,207.5	3,721.2
Colorado	2,300.9	2,271.1	117.6	117.6	0.0	0.0	676.2	655.6	24.3	13.0	0.0	0.0	3,119.0	3,057.3
Idaho	962.7	962.7	0.0	0.0	0.0	0.0	2,703.4	2,703.4	98.6	86.8	10.0	10.0	3,774.7	3,762.9
Montana	632.4	627.8	0.0	0.0	0.0	0.0	2,756.1	2,770.2	3.8	0.0	0.0	0.0	3,392.3	3,398.0
Nevada	150.0	150.0	308.8	258.8	68.5	68.5	1,051.4	1,051.4	3.2	3.2	414.1	374.2	1,996.0	1,906.1
New Mexico	797.3	777.5	187.6	161.8	0.0	0.0	82.9	82.9	6.4	6.4	1.6	0.0	1,075.8	1,028.6
Utah	324.4	324.4	1.3	1.3	0.0	0.0	255.4	255.4	12.0	12.0	56.8	48.0	649.9	641.1
Wyoming	1,407.3	1,407.3	0.0	0.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	1,714.4	1,714.4
Pacific Contiguous	11,992.4	11,776.1	2,988.2	968.0	1,047.5	406.5	39,778.2	39,722.5	2,050.3	1,990.1	2,173.0	2,110.0	60,029.6	56,973.2
California	6,034.3	5,818.0	2,977.0	956.8	1,047.5	406.5	10,150.3	10,151.3	1,323.3	1,293.4	2,155.3	2,092.3	23,687.7	20,718.3
Oregon	3,151.9	3,151.9	10.7	10.7	0.0	0.0	8,454.7	8,454.7	319.8	314.0	17.7	17.7	11,954.8	11,949.0
Washington	2,806.2	2,806.2	0.5	0.5	0.0	0.0	21,173.2	21,116.5	407.2	382.7	0.0	0.0	24,387.1	24,305.9
Pacific Noncontiguous	263.2	262.3	20.2	13.2	0.0	0.0	440.6	440.6	266.6	255.2	43.0	43.0	1,033.6	1,014.3
Alaska	57.6	56.7	0.0	0.0	0.0	0.0	415.6	415.6	7.0	5.6	0.0	0.0	480.2	477.9
Hawaii	205.6	205.6	20.2	13.2	0.0	0.0	25.0	25.0	259.6	249.6	43.0	43.0	553.4	536.4
U.S. Total	60,800.4	59,441.8	5,850.1	3,023.2	1,367.3	476.0	79,010.3	78,790.6	13,336.0	12,438.7	2,698.5	2,585.2	163,062.6	156,755.5

Values are preliminary.

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of existing or planned capacity for some technologies such as solar

Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, April 2014 and 2013 (Megawatts)

Census Division and State	Natural Gas Fired Combined Cycle		Natural Gas Fired Combustion Turbine		Other Natural Gas		Coal		Petroleum Coke		Petroleum Liquids		Other Gases		Total Fossil Fuels	
	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013	April 2014	April 2013
New England	12,188.8	12,194.9	1,098.2	1,223.5	876.0	857.6	2,546.1	2,547.1	0.0	0.0	7,706.5	7,903.0	0.0	0.0	24,415.6	24,726.1
Connecticut	2,511.7	2,511.7	466.3	591.6	77.4	60.8	389.1	383.4	0.0	0.0	2,976.5	3,173.0	0.0	0.0	6,421.0	6,720.5
Maine	1,250.0	1,250.0	306.0	306.0	119.0	119.0	85.0	85.0	0.0	0.0	1,004.9	1,004.9	0.0	0.0	2,764.9	2,764.9
Massachusetts	5,498.9	5,505.0	322.1	322.1	669.2	667.4	1,538.1	1,544.8	0.0	0.0	3,110.1	3,110.1	0.0	0.0	11,138.4	11,149.4
New Hampshire	1,203.0	1,203.0	3.8	3.8	0.0	0.0	533.9	533.9	0.0	0.0	498.0	498.0	0.0	0.0	2,238.7	2,238.7
Rhode Island	1,725.2	1,725.2	0.0	0.0	10.4	10.4	0.0	0.0	0.0	0.0	17.2	17.2	0.0	0.0	1,752.8	1,752.8
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	99.8	0.0	0.0	99.8	99.8
Middle Atlantic	22,479.6	22,478.6	8,788.3	8,767.0	9,636.1	8,766.3	18,978.9	21,596.7	11.6	11.6	8,750.1	9,681.2	100.4	100.4	68,745.0	71,401.8
New Jersey	5,871.3	5,870.3	4,115.0	4,093.7	642.9	642.9	2,006.6	2,006.6	11.6	11.6	1,303.2	1,302.3	0.0	0.0	13,950.6	13,927.4
New York	8,338.6	8,338.6	3,011.4	3,011.4	7,194.6	7,194.6	2,260.4	2,334.2	0.0	0.0	5,035.4	5,035.4	0.0	0.0	25,840.4	25,914.2
Pennsylvania	8,269.7	8,269.7	1,661.9	1,661.9	1,798.6	928.8	14,711.9	17,255.9	0.0	0.0	2,411.5	3,343.5	100.4	100.4	28,954.0	31,560.2
East North Central	16,838.4	16,834.9	25,731.8	25,669.0	3,420.1	3,422.2	72,605.8	72,511.6	570.1	570.1	3,206.1	3,191.9	906.1	906.1	123,278.4	123,105.8
Illinois	2,976.6	2,976.6	10,314.6	10,314.6	228.0	238.7	15,570.6	15,541.6	0.0	0.0	677.3	663.1	117.7	117.7	29,884.8	29,852.3
Indiana	2,451.9	2,451.9	3,172.6	3,189.6	6.5	6.5	18,682.0	18,129.4	274.0	274.0	456.4	456.4	571.3	571.3	25,614.7	25,079.1
Michigan	4,777.0	4,777.0	3,412.1	3,319.3	2,992.6	2,979.3	11,261.8	11,261.8	47.2	47.2	568.9	568.9	0.0	0.0	23,059.6	22,953.5
Ohio	3,963.8	3,960.3	5,443.1	5,443.1	57.4	57.4	18,832.5	19,267.5	142.0	142.0	894.9	894.9	217.1	217.1	29,550.8	29,982.3
Wisconsin	2,669.1	2,669.1	3,389.4	3,402.4	135.6	140.3	8,258.9	8,311.3	106.9	106.9	608.6	608.6	0.0	0.0	15,168.5	15,238.6
West North Central	5,714.1	5,724.1	11,413.8	11,201.8	3,257.3	3,257.3	37,735.3	37,858.3	32.0	32.0	4,104.5	4,106.7	8.4	8.4	62,265.4	62,188.6
Iowa	1,161.5	1,161.5	1,113.9	1,113.9	261.4	261.4	6,590.0	6,683.4	32.0	32.0	998.3	999.7	0.0	0.0	10,157.1	10,251.9
Kansas	0.0	0.0	2,377.8	2,377.8	2,043.0	2,043.0	5,223.0	5,223.0	0.0	0.0	534.7	541.3	0.0	0.0	10,178.5	10,185.1
Minnesota	2,107.2	2,107.2	2,558.4	2,558.4	278.7	278.7	4,717.3	4,696.5	0.0	0.0	808.8	804.0	0.0	0.0	10,470.4	10,444.8
Missouri	1,834.8	1,834.8	3,397.5	3,397.5	267.4	267.4	12,443.2	12,472.0	0.0	0.0	1,162.4	1,161.4	0.0	0.0	19,105.3	19,133.1
Nebraska	320.6	320.6	1,111.6	1,111.6	394.2	394.2	4,145.7	4,145.7	0.0	0.0	314.8	314.8	0.0	0.0	6,286.9	6,286.9
North Dakota	0.0	0.0	160.0	0.0	0.0	0.0	4,141.1	4,141.1	0.0	0.0	58.6	58.6	8.4	8.4	4,368.1	4,208.1
South Dakota	290.0	300.0	694.6	642.6	12.6	12.6	475.0	496.6	0.0	0.0	226.9	226.9	0.0	0.0	1,699.1	1,678.7
South Atlantic	46,632.4	44,799.2	31,603.1	31,464.5	4,450.7	3,571.9	64,761.3	67,123.3	633.8	633.8	14,674.5	15,706.9	135.0	135.0	162,890.8	163,434.6
Delaware	1,130.0	1,130.0	355.0	355.0	885.6	854.8	573.0	759.0	0.0	0.0	105.4	105.4	135.0	135.0	3,184.0	3,339.2
District of Columbia	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
Florida	26,369.6	25,152.6	7,958.9	7,958.9	2,598.5	1,755.5	10,141.0	10,266.0	550.0	550.0	7,192.8	8,203.8	0.0	0.0	54,810.8	53,886.8
Georgia	7,954.2	7,960.0	7,808.9	7,836.9	115.0	115.0	12,412.1	12,737.1	83.8	83.8	1,098.9	1,130.9	0.0	0.0	29,472.9	29,863.7
Maryland	230.0	230.0	1,598.4	1,488.3	340.5	335.5	4,757.0	4,757.0	0.0	0.0	2,807.6	2,807.6	0.0	0.0	9,733.5	9,618.4
North Carolina	4,697.6	4,075.6	6,068.2	6,011.7	74.0	74.0	10,841.8	12,126.8	0.0	0.0	425.6	416.0	0.0	0.0	22,107.2	22,704.1
South Carolina	2,281.7	2,281.7	2,852.2	2,852.2	110.8	110.8	5,930.5	6,225.5	0.0	0.0	664.5	663.5	0.0	0.0	11,839.7	12,133.7
Virginia	3,969.3	3,969.3	3,877.6	3,877.6	320.7	320.7	5,785.3	5,961.3	0.0	0.0	2,368.7	2,368.7	0.0	0.0	16,321.6	16,497.6
West Virginia	0.0	0.0	1,073.9	1,073.9	5.6	5.6	14,320.6	14,290.6	0.0	0.0	11.0	11.0	0.0	0.0	15,411.1	15,381.1
East South Central	17,725.9	17,804.9	12,865.8	12,865.8	2,865.5	2,865.5	37,122.2	37,344.2	0.0	0.0	197.1	197.1	99.8	99.8	70,876.3	71,177.3
Alabama	9,325.7	9,325.7	2,550.6	2,550.6	169.1	169.1	11,145.3	11,367.3	0.0	0.0	42.6	42.6	99.8	99.8	23,333.1	23,555.1
Kentucky	0.0	0.0	4,828.9	4,828.9	0.0	0.0	15,222.3	15,222.3	0.0	0.0	69.9	69.9	0.0	0.0	20,121.1	20,121.1
Mississippi	6,997.2	7,076.2	1,716.9	1,716.9	2,696.4	2,696.4	2,526.0	2,526.0	0.0	0.0	35.0	35.0	0.0	0.0	13,971.5	14,050.5
Tennessee	1,403.0	1,403.0	3,769.4	3,769.4	0.0	0.0	8,228.6	8,228.6	0.0	0.0	49.6	49.6	0.0	0.0	13,450.6	13,450.6
West South Central	56,455.9	56,430.9	12,135.5	11,725.5	37,266.0	38,020.0	37,934.3	36,984.8	1,128.7	1,409.8	195.9	195.9	379.9	379.9	145,496.2	145,146.8
Arkansas	4,660.5	4,660.5	757.1	753.1	1,280.0	1,824.0	5,144.0	5,144.0	0.0	0.0	17.2	17.2	0.0	0.0	11,858.8	12,398.8
Louisiana	7,324.2	7,324.2	2,406.2	2,406.2	8,431.1	8,434.2	3,427.0	3,414.0	975.0	975.0	46.9	46.9	34.3	34.3	22,644.7	22,634.8
Oklahoma	7,512.5	7,512.5	1,191.9	1,191.9	5,092.5	5,092.5	5,294.4	5,294.4	0.0	0.0	69.3	69.3	0.0	0.0	19,160.6	19,160.6
Texas	36,958.7	36,933.7	7,780.3	7,374.3	22,462.4	22,669.3	24,068.9	23,132.4	153.7	434.8	62.5	62.5	345.6	345.6	91,832.1	90,952.6
Mountain	21,672.5	21,672.5	8,873.1	8,777.6	3,331.6	3,546.6	30,634.0	30,765.4	52.0	52.0	348.2	325.2	94.9	94.9	65,006.3	65,234.2
Arizona	10,418.2	10,418.2	2,353.6	2,353.6	1,106.6	1,316.6	6,157.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	20,125.9	20,335.9
Colorado	2,733.2	2,733.2	2,545.5	2,545.5	381.0	386.0	5,404.8	5,491.3	0.0	0.0	177.9	177.9	0.0	0.0	11,242.4	11,333.9
Idaho	567.5	567.5	543.0	543.0	0.0	0.0	17.2	17.2	0.0	0.0	5.4	5.4	0.0	0.0	1,133.1	1,133.1
Montana	0.0	0.0	362.1	362.1	54.0	54.0	2,442.1	2,442.1	52.0	52.0	2.0	2.0	1.5	1.5	2,913.7	2,913.7
Nevada	5,287.2	5,287.2	1,380.6	1,380.6	587.1	587.1	1,293.4	1,293.4	0.0	0.0	11.4	11.4	0.0	0.0	8,559.7	8,559.7
New Mexico	1,465.4	1,465.4	1,036.1	947.2	896.0	896.0	4,031.0	4,031.0	0.0	0.0	27.4	4.4	0.0	0.0	7,455.9	7,344.0
Utah	1,201.0	1,201.0	535.6	529.0	300.9	300.9	4,901.0	4,901.0	0.0	0.0	27.8	27.8	0.0	0.0	6,966.3	6,959.7
Wyoming	0.0	0.0	116.6	116.6	6.0	6.0	6,387.5	6,432.4	0.0	0.0	5.8	5.8	93.4	93.4	6,609.3	6,654.2
Pacific Contiguous	25,696.0	24,275.1	11,605.4	9,463.1	12,551.2	15,078.0	2,177.8	2,231.5	0.0	0.0	413.1	413.1	211.1	211.1	52,654.6	51,671.9
California	19,753.9	18,331.0	10,770.4	8,628.1	12,523.6	15,050.4	252.8	306.5	0.0	0.0	397.9	397.9	211.1	211.1	43,909.7	42,925.0
Oregon	2,876.4	2,878.4	133.8	133.8	0.0	0.0	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	3,595.2	3,597.2
Washington	3,065.7	3,065.7	701.2	701.2	27.6	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	5,149.7	5,149.7
Pacific Noncontiguous	577.0	499.1	516.1	510.0	15.0	15.0	290.5	290.5	0.0	0.0	2,553.2	2,653.3	6.0	6.0	3,957.8	3,973.9
Alaska	577.0	499.1	516.1	510.0	15.0	15.0	110.5	110.5	0.0	0.0	674.3	674.1	0.0	0.0	1,892.9	1,808.7
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,878.9	1,979.2	6.0	6.0	2,064.9	2,165.2
U.S. Total	225,980.6	222,714.2	124,631.1	121,667.8	77,669.5	79,400.4	304,786.2	309,253.4	2,428.2	2,709.3	42,149.2	44,374.3	1,941.6	1,941.6	779,586.4	782,061.0

Values are preliminary.

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of existing or planned capacity for some technologies such as solar photovoltaic generation.

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2014

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2014	1	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	1	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN6	1.6	Landfill Gas	LFG	IC
2014	1	58546	Cascade Solar LLC	IPP	Cascade Solar	CA	58590	1	18.5	Solar Photovoltaic	SUN	PV
2014	1	10056	City of Kaukauna	Electric Utility	New Badger	WI	4120	3	4.0	Conventional Hydroelectric	WAT	HY
2014	1	10056	City of Kaukauna	Electric Utility	New Badger	WI	4120	4	4.0	Conventional Hydroelectric	WAT	HY
2014	1	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL13	39.1	Solar Photovoltaic	SUN	PV
2014	1	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ3	151.9	Solar Photovoltaic	SUN	PV
2014	1	58596	Hanwha Q CELLS USA	IPP	Kalaeloa Renewable Energy Park	HI	58651	KREP	5.0	Solar Photovoltaic	SUN	PV
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG1	1.6	Landfill Gas	LFG	IC
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG2	1.6	Landfill Gas	LFG	IC
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG3	1.6	Landfill Gas	LFG	IC
2014	1	58515	NextEra Energy Mountain View Solar	IPP	Mountain View Solar	NV	58544	1	20.0	Solar Photovoltaic	SUN	PV
2014	1	58482	RE Columbia 3 LLC	IPP	Columbia 3	CA	58502	COL3	10.0	Solar Photovoltaic	SUN	PV
2014	1	58478	RE Rosamond One LLC	IPP	Rosamond One	CA	58498	RONE	20.0	Solar Photovoltaic	SUN	PV
2014	1	58479	RE Rosamond Two LLC	IPP	Rosamond Two	CA	58499	RTWO	20.0	Solar Photovoltaic	SUN	PV
2014	1	58593	Sequoia PV 1 LLC	IPP	Tulare 1 and 2	CA	58642	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58593	Sequoia PV 1 LLC	IPP	Tulare 1 and 2	CA	58642	2	1.5	Solar Photovoltaic	SUN	PV
2014	1	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind X	CA	58394	AW10	138.0	Onshore Wind Turbine	WND	WT
2014	1	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind XI	CA	58395	AW11	90.0	Onshore Wind Turbine	WND	WT
2014	1	5109	The DTE Electric Company	Electric Utility	Echo Wind Park	MI	58121	GEN1	60.8	Onshore Wind Turbine	WND	WT
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	2	0.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	3	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	3	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	4	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	1	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	2	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	5	1.5	Solar Photovoltaic	SUN	PV
2014	1	58604	US Air Force	Commercial	Cape Cod Air Force Station - 6 SWS	MA	58661	GE-3	1.7	Onshore Wind Turbine	WND	WT
2014	1	58604	US Air Force	Commercial	Cape Cod Air Force Station - 6 SWS	MA	58661	GE-4	1.7	Onshore Wind Turbine	WND	WT
2014	1	57081	Washington Gas Energy Systems, Inc.	IPP	Maynard PV	MA	58412	SO026	1.0	Solar Photovoltaic	SUN	PV
2014	2	58433	Ameresco Forward, LLC	IPP	Ameresco Forward	CA	58437	ENG1	2.1	Landfill Gas	LFG	IC
2014	2	58433	Ameresco Forward, LLC	IPP	Ameresco Forward	CA	58437	ENG2	2.1	Landfill Gas	LFG	IC
2014	2	58431	Ameresco Vasco Road, LLC	IPP	Ameresco Vasco Road	CA	58435	ENG1	2.1	Landfill Gas	LFG	IC
2014	2	58431	Ameresco Vasco Road, LLC	IPP	Ameresco Vasco Road	CA	58435	ENG2	2.1	Landfill Gas	LFG	IC
2014	2	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	2	57421	BayWa r.e Wind LLC	IPP	Broadview Energy Prime 2 LLC	NM	58465	0002	9.9	Onshore Wind Turbine	WND	WT
2014	2	57421	BayWa r.e Wind LLC	IPP	Broadview Energy Prime LLC	NM	58464	0001	9.9	Onshore Wind Turbine	WND	WT
2014	2	58135	Ecos Energy LLC	IPP	Bear Creek Solar	CA	58508	PV3	1.5	Solar Photovoltaic	SUN	PV
2014	2	56615	First Solar Energy LLC	IPP	Agua Caliente Solar Project	AZ	57373	AGU3	110.0	Solar Photovoltaic	SUN	PV
2014	2	58656	Pheasant Run Wind II, LLC	IPP	Pheasant Run Wind II	MI	58719	WPH2	74.8	Onshore Wind Turbine	WND	WT
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	1	1.0	Solar Photovoltaic	SUN	PV
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	2	1.0	Solar Photovoltaic	SUN	PV
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	3	1.5	Solar Photovoltaic	SUN	PV
2014	2	58568	Westlands Solar Farms, LLC	IPP	Westlands Solar PV Farm	CA	58616	WSF1	18.0	Solar Photovoltaic	SUN	PV
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	1	0.5	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	2	0.5	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	3	0.5	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	4	0.5	Petroleum Liquids	JF	IC
2014	3	58462	Battery Utility of Ohio LLC	IPP	Battery Utility of Ohio	OH	58475	BOU	4.0	Batteries	MWH	BA
2014	3	58839	Central Valley Ag Power LLC	IPP	Central Valley Ag Power	CA	58978	CVAP	1.5	Other Waste Biomass	OBG	IC
2014	3	56723	Genesis Solar LLC	IPP	Genesis Solar Energy Project	CA	57394	GEN01	125.0	Solar Thermal without Energy Storage	SUN	ST
2014	3	58596	Hanwha Q CELLS USA	IPP	Maywood Photovoltaic Project	IN	58770	1	8.0	Solar Photovoltaic	SUN	PV
2014	3	58696	Ignite Solar Holdings LLC		Shasta Solar Farm	CA	58814	GENA	1.5	Solar Photovoltaic	SUN	PV
2014	3	58696	Ignite Solar Holdings LLC		Shasta Solar Farm	CA	58814	GENB	1.5	Solar Photovoltaic	SUN	PV
2014	3	56167	Imperial Valley Solar, LLC	IPP	Imperial Valley Solar, LLC	CA	56917	1B	34.3	Solar Photovoltaic	SUN	PV
2014	3	58710	Lakeswind Power Partners		Lakeswind Power Partners	MN	58836	LW1	50.0	Onshore Wind Turbine	WND	WT
2014	3	58822	MC Power Companies Inc	IPP	Butler Solar Power Project	MO	58959	BSF1	2.8	Solar Photovoltaic	SUN	PV
2014	3	12286	Melrose Public Utilities		Melrose 2	MN	58929	1	1.0	Petroleum Liquids	DFO	IC
2014	3	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	AVS1	38.0	Solar Photovoltaic	SUN	PV
2014	3	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	AVS2	19.0	Solar Photovoltaic	SUN	PV
2014	3	58489	OCI Solar Power	IPP	OCI Alamo 2, LLC	TX	58716	1	4.4	Solar Photovoltaic	SUN	PV
2014	3	50102	Rock-Tenn Company	Industrial	Rock-Tenn Mill	AL	54763	4TG	30.0	Wood/Wood Waste Biomass	BLQ	ST
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN10	1.6	Landfill Gas	LFG	IC
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN11	1.6	Landfill Gas	LFG	IC
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN12	1.6	Landfill Gas	LFG	IC
2014	4	58432	Ameresco San Joaquin, LLC	IPP	Ameresco San Joaquin	CA	58436	ENG1	2.1	Landfill Gas	LFG	IC
2014	4	58432	Ameresco San Joaquin, LLC	IPP	Ameresco San Joaquin	CA	58436	ENG2	2.1	Landfill Gas	LFG	IC
2014	4	58521	BIOFerm USA Inc	IPP	Oshkosh Foundation Rosedale Biodigester LLC	WI	58555	95100	1.4	Other Waste Biomass	OBG	IC
2014	4	58427	Centinela Solar Energy LLC	IPP	Centinela Solar Energy	CA	58430	CSE5	18.6	Solar Photovoltaic	SUN	PV
2014	4	58789	DOD USMC Marine Air Ground Combat	IPP	MCAGCC Cogen Plant 2	CA	58916	CG100	4.6	Natural Gas Fired Combustion Turbine	NG	GT
2014	4	58789	DOD USMC Marine Air Ground Combat	IPP	MCAGCC Cogen Plant 2	CA	58916	CG200	2.5	Natural Gas Fired Combustion Turbine	NG	GT
2014	4	58135	Ecos Energy LLC	IPP	Kettleman Solar Project	CA	58510	PV5	1.0	Solar Photovoltaic	SUN	PV
2014	4	58135	Ecos Energy LLC	IPP	Vintner Solar	CA	58509	PV4	1.5	Solar Photovoltaic	SUN	PV
2014	4	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL14	26.5	Solar Photovoltaic	SUN	PV
2014	4	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5A	1,212.0	Natural Gas Fired Combined Cycle	NG	CT
2014	4	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5B		Natural Gas Fired Combined Cycle	NG	CT
2014	4	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5C		Natural Gas Fired Combined Cycle	NG	CT
2014	4	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5ST		Natural Gas Fired Combined Cycle	NG	CA
2014	4	19558	Homer Electric Assn Inc	Electric Utility	Soldotna	AK	57206	1	44.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	4	58598	Mass Solar, LLC	IPP	Dartmouth	MA	58682	PV1	6.3	Solar Photovoltaic	SUN	PV
2014	4	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS16	62.9	Solar Photovoltaic	SUN	PV
2014	4	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS25	52.0	Solar Photovoltaic	SUN	PV
2014	4	58256	Millbury Solar LLC	IPP	Millbury Solar	MA	58280	1	3.0	Solar Photovoltaic	SUN	PV
2014	4	58325	New Bern Farm LLC	IPP	New Bern Farm	NC	58339	1	5.0	Solar Photovoltaic	SUN	PV
2014	4	58654	Orion Solar I LLC	IPP	Orion Solar I	CA	58718	PV1	12.0	Solar Photovoltaic	SUN	PV
2014	4	58791	Pristine Sun LLC	IPP	2097 Helton Solar Project	CA	58920	2097	1.5	Solar Photovoltaic	SUN	PV
2014	4	58791	Pristine Sun LLC	IPP	2127 Harris Solar Project	CA	58919	2127	1.3	Solar Photovoltaic	SUN	PV
2014	4	58808	Rockville Solar I LLC	IPP	Rockville Solar I LLC	IN	58942	RVSI	2.8	Solar Photovoltaic	SUN	PV
2014	4	58326	Roxboro Farm LLC	IPP	Roxboro Farm	NC	58340	1	5.0	Solar Photovoltaic	SUN	PV
2014	4	58418	State Fair Community College	IPP	Missouri Center for Waste to Energy	MO	58421	320	1.0	Landfill Gas	LFG	IC
2014	4	58771	Tri-County Water Conservancy District	IPP	Tri-County Water Hydropower Project	CO	58901	TCWG1	7.2	Conventional Hydroelectric	WAT	HY
2014	4	58771	Tri-County Water Conservancy District	IPP	Tri-County Water Hydropower Project	CO	58901	TCWG2	0.0	Conventional Hydroelectric	WAT	HY
2014	4	58802	Walpole Solar 2, LLC	IPP	Walpole Solar 2	MA	58936	WLPL1	2.4	Solar Photovoltaic	SUN	PV

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.

Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.

Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2014

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2014	1	19547	Hawaiian Electric Co Inc	Electric Utility	Honolulu	HI	764	H8	48.6	Petroleum Liquids	RFO	ST
2014	1	19547	Hawaiian Electric Co Inc	Electric Utility	Honolulu	HI	764	H9	51.7	Petroleum Liquids	RFO	ST
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT1	0.5	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT2	0.4	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT3	0.3	Petroleum Liquids	JF	IC
2014	3	19545	Black Hills Power Inc	Electric Utility	Ben French	SD	3325	ST1	21.6	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Neil Simpson	WY	4150	5	14.6	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	1	10.1	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	2	10.1	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	3	10.1	Conventional Steam Coal	SUB	ST
2014	3	2176	Brazos River Authority	Electric Utility	Morris Sheppard	TX	3557	1	12.0	Conventional Hydroelectric	WAT	HY
2014	3	2176	Brazos River Authority	Electric Utility	Morris Sheppard	TX	3557	2	12.0	Conventional Hydroelectric	WAT	HY
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	1	93.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	2	93.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	3	103.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	4	171.0	Conventional Steam Coal	BIT	ST

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.

Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.

Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	5	56979	Adobe Solar LLC	IPP	FRV Cygnus Solar Project	CA	57651	FRV3	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-1	0.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-2	0.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-3	0.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	5	221	Alaska Village Elec Coop, Inc	Electric Utility	Togiak	AK	6348	5A	0.8	Petroleum Liquids	DFO	IC	(OP) Operating
2014	5	58427	Centinela Solar Energy LLC	IPP	Centinela Solar Energy	CA	58430	CSE6	25.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	57365	Consolidated Edison Solutions Inc	IPP	Tihonet Solar	MA	58749	TSMA	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind II	TX	58774	GEN1	161.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	5	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	1	1.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	5	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	2	1.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	5	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	3	1.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	5	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL15	13.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	56615	First Solar Energy LLC	IPP	Macho Springs	NM	59010	MSS1	50.0	Solar Photovoltaic	SUN	PV	(OP) Operating
2014	5	58873	Green Energy Team LLC	IPP	Biomass to Energy Facility, Kauai	HI	59035	XKA1	0.5	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete
2014	5	58873	Green Energy Team LLC	IPP	Biomass to Energy Facility, Kauai	HI	59035	XKA2	0.5	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete
2014	5	8153	Hartford Steam Co	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN4	1.4	Other Natural Gas	NG	FC	(V) Under construction, more than 50 percent complete
2014	5	49893	Invenergy Services LLC	IPP	Prairie Breeze	NE	58322	1	206.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	5	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN1	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	5	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN2	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	5	58255	Mass Midstate Solar 1 LLC	IPP	Mass Midstate Solar 1	MA	58279	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	58252	Mass Midstate Solar 2 LLC	IPP	Mass Midstate Solar 2	MA	58276	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	58251	Mass Midstate Solar 3 LLC	IPP	Mass Midstate Solar 3	MA	58275	1	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	58322	Mile Farm LLC	IPP	Mile Farm	NC	58336	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	CT21	178.0	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	CT22	178.0	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	ST2	273.0	Natural Gas Fired Combined Cycle	NG	CA	(TS) Construction complete, but not yet in commercial operation
2014	5	58579	Silverado Power	IPP	Expressway Solar A	CA	58761	EXSA	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	5	58579	Silverado Power	IPP	Expressway Solar B	CA	58762	EXSB	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	5	57313	SolarCity Corporation	IPP	Oregon University System OIT Klamath Falls	OR	58961	PV	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	01	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	02	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	03	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	04	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	05	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	06	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	07	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	08	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	09	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	10	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	11	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	12	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	1	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	2	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	3	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	4	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	5	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	6	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58714	Washington Airport Solar, LLC	IPP	Washington Airport Solar LLC	NC	58845	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	58705	Washington Gas Energy Systems	IPP	Cogenra - TEP	AZ	58832	CTEP	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	56999	Western Massachusetts Electric Company	Electric Utility	Cottage Street Solar Facility	MA	58568	PV-3	3.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58879	651 Chase Solar NG LLC	IPP	651 Chase Solar NG	MA	59046	PV1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV1	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV2	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV3	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV4	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58567	Blue Renewable Energy IMS, LLC	IPP	Indianapolis Motor Speedway Solar PV	IN	58615	IMS	9.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58894	CF CVEC Owner One LLC	IPP	Barnstable Landfill	MA	59081	HAR1	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58894	CF CVEC Owner One LLC	IPP	Brewster Landfill	MA	59075	BRE1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58894	CF CVEC Owner One LLC	IPP	Chatham Landfill	MA	59077	CHA	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58894	CF CVEC Owner One LLC	IPP	Dennis Landfill	MA	59082	DEN1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58894	CF CVEC Owner One LLC	IPP	Harwich Landfill	MA	59078	HAR1	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58894	CF CVEC Owner One LLC	IPP	Katama Farm	MA	59079	KAT1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58894	CF CVEC Owner One LLC	IPP	Nunnepog	MA	59080	NUN1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	3370	Channel Energy Center LLC	IPP	Channel Energy Center LLC	TX	55299	CTG3	183.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	6	58748	Clean Energy LLC	Electric CHP	Reventure Park	NC	58865	LFG	1.9	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete
2014	6	58748	Clean Energy LLC	Electric CHP	Reventure Park	NC	58865	RNG	1.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	4994	Deer Park Energy Center	Electric CHP	Deer Park Energy Center	TX	55464	CTG6	154.8	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	6	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0002	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	6	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0003	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	6	5906	EDF Renewable Services Inc	IPP	Lepomis PV Energy LLC	MA	59085	INV-1	0.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58837	Fairview Farms Solar LLC	IPP	Fairview Farms Solar	MA	58974	PV1	0.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	56615	First Solar Energy LLC	IPP	AV Solar Ranch One	CA	57378	AVSR	230.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	56615	First Solar Energy LLC	IPP	Barilla Solar	TX	58710	BRLA	30.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL18	29.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ4	71.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58812	GLT Cloverdale Solar LLC	IPP	Cloverdale Solar I	CA	58949	TBD	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58803	Gardner Solar 1, LLC	IPP	Gardner Solar 1	MA	58937	GRDN1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58465	Green States Energy, Inc.	IPP	HOW GM1	MA	58097	1	3.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	10035	Kansas Municipal Energy Agency		Jameson Energy Center	KS	59045	JEC1	9.0	Natural Gas Fired Combustion Turbine	NG	GT	(OP) Operating
2014	6	10035	Kansas Municipal Energy Agency		Jameson Energy Center	KS	59045	JEC2	9.0	Natural Gas Fired Combustion Turbine	NG	GT	(OP) Operating
2014	6	10035	Kansas Municipal Energy Agency		Jameson Energy Center	KS	59045	JEC3	9.0	Natural Gas Fired Combustion Turbine	NG	GT	(OP) Operating
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	CT-1	162.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	CT-2	162.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	STG	186.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	6	58681	MSM Solar LLC	IPP	Storrie Lake Solar Project	NM	58794	MSMPV	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58598	Mass Solar, LLC	IPP	North Brookfield	MA	58650	PV1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	12341	MidAmerican Energy Co	Electric Utility	Lundgren Wind Project	IA	58884	LGWF	251.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	6	12341	MidAmerican Energy Co	Electric Utility	Wellsburg Wind Project	IA	58886	WBWF	140.8	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	6	58638	NGP Lenape Solar II, LLC	IPP	Lenape II	IN	58703	1	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	56990	NJR Clean Energy Ventures Corporation	IPP	Two Dot Wind Farm	MT	59003	1	9.7	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	6	34691	Ormat Nevada Inc	IPP	Heber Solar	CA	58398	1	10.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	6	58579	Silverado Power	IPP	Expressway Solar C2	CA	58763	EXSC2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Lancaster Dry Farm Ranch B	CA	58750	LDFRB	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Rodeo Solar C2	CA	58751	RSC2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	6	58579	Silverado Power	IPP	Rodeo Solar D2	CA	58752	RSD2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar A2	CA	58753	SSA2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar B2	CA	58754	SSB2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar C2	CA	58755	SSC2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar D2	CA	58756	SSD2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar E2	CA	58757	SSE2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar F2	CA	58758	SSF2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar G2	CA	58759	SSG2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar H2	CA	58760	SSH2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58518	Sol Orchard Community, LLC	IPP	Community Solar 1	CA	58545	1	5.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58418	State Fair Community College	IPP	Missouri Center for Waste to Energy	MO	58421	420	1.4	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	1	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	2	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	3	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	4	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	5	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN10	2.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN7	2.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN8	2.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN9	2.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH5	0.5	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction
2014	6	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH6	0.5	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction
2014	6	58494	WSA/CC	IPP	WSA/CC Power Generation Facility	NC	58518	1	0.8	Other Waste Biomass	SLW	ST	(V) Under construction, more than 50 percent complete
2014	6	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	E101	304.0	Other Natural Gas	NG	CC	(V) Under construction, more than 50 percent complete
2014	6	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	E102	304.0	Other Natural Gas	NG	CC	(V) Under construction, more than 50 percent complete
2014	6	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	STG1	283.3	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	6	58893	Xeres Ventures LLC		SC 1 Data Center, Phase 2	CA	59074	EG10B	2.3	Petroleum Liquids	DFO	IC	(SB) Standby/Backup: available for service but not normally used
2014	6	58893	Xeres Ventures LLC		SC 1 Data Center, Phase 2	CA	59074	EG11A	2.3	Petroleum Liquids	DFO	IC	(SB) Standby/Backup: available for service but not normally used
2014	6	58893	Xeres Ventures LLC		SC 1 Data Center, Phase 2	CA	59074	EG9B	2.3	Petroleum Liquids	DFO	IC	(SB) Standby/Backup: available for service but not normally used
2014	7	56702	510 REPP One LLC	IPP	510 REPP One	NC	57363	1	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	7	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL5	25.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	7	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-1	3.9	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	7	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-2	0.9	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	7	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS15	14.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	7	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS21	59.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	7	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1A	157.6	Coal Integrated Gasification Combined Cycle	SGC	CT	(V) Under construction, more than 50 percent complete
2014	7	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1B	157.6	Coal Integrated Gasification Combined Cycle	SGC	CT	(V) Under construction, more than 50 percent complete
2014	7	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1C	206.5	Coal Integrated Gasification Combined Cycle	SGC	CA	(V) Under construction, more than 50 percent complete
2014	7	56660	Mojave Solar LLC	IPP	Mojave Solar Project	CA	57331	MSP1	125.0	Solar Thermal without Energy Storage	SUN	ST	(V) Under construction, more than 50 percent complete
2014	7	56660	Mojave Solar LLC	IPP	Mojave Solar Project	CA	57331	MSP2	125.0	Solar Thermal without Energy Storage	SUN	ST	(V) Under construction, more than 50 percent complete
2014	7	12199	Montana-Dakota Utilities Co	Electric Utility	R M Heskett	ND	2790	3	88.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	7	58655	Orion Solar II, LLC	IPP	Orion Solar II	CA	58721	ORION	8.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	CTG-1	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	CTG-2	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	STG-1	309.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-1	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-2	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	STG-1	309.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	7	58388	Pantex (NNSA)	Commercial	Pantex	TX	58404	1	11.5	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation
2014	7	56545	Pattern Operators LP	IPP	Pattern Panhandle Wind LLC	TX	58242	1	218.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	7	58817	Rockville Solar II, LLC	IPP	Rockville Solar II, LLC	IN	58953	RVSII	2.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	803	Arizona Public Service Co	IPP	Gila Bend	AZ	59020	PV1	32.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	58841	Broken Bow Wind II, LLC	IPP	Broken Bow Wind II, LLC	NE	58981	BBII	73.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	8	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	1	26.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	2	27.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL6	25.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	ALHM	51.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	ARK	51.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	SONR	51.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	58503	Garnet Solar Power Station 1 LLC	IPP	Garnet Solar Power Station 1 LLC	CA	58528	WDT44	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	58873	Green Energy Team LLC	IPP	Biomass to Energy Facility, Kauai	HI	59035	MKA1	8.3	Other Waste Biomass	AB	ST	(V) Under construction, more than 50 percent complete
2014	8	49893	Invenergy Services LLC	IPP	Miami Wind Energy Center	TX	58765	1	288.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	8	10071	Kauai Island Utility Cooperative	Electric Utility	KRS II Koloa Solar	HI	58640	KOLPV	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	11208	Los Angeles Department of Water & Power	Electric Utility	Maclay Solar Project	CA	57308	1	2.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS22	55.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	57331	Soitec Solar Development LLC	IPP	Desert Green Solar Farm LLC	CA	57959	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC1	3.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC2	3.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC3	4.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC4	4.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN10	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN11	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN12	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN9	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	9	58785	Beebe 1B Renewable Energy, LLC	IPP	Beebe 1B	MI	58908	1	50.4	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	9	58712	Bethel Price Solar, LLC	IPP	Bethel Price Solar, LLC	NC	58843	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	9	57365	Consolidated Edison Solutions Inc	IPP	Port Richmond WWT Solar	NY	58647	1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	9	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	3	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	4	28.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	58862	DC Water	IPP	DC Water CHP	DC	59012	UNK	10.0	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete
2014	9	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL19	25.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL7	20.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL8	18.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	49893	Invenergy Services LLC	IPP	Marsh Hill Wind Farm	NY	58768	1	16.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	9	58413	Lone Valley	IPP	Lone Valley Project	CA	58417	CP1	30.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	12341	MidAmerican Energy Co	Electric Utility	Macksburg Wind Project	IA	58885	MBWF	112.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	9	26616	North Slope Borough Power & Light	Electric Utility	NSB Point Hope Utility	AK	7485	PG1A	1.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	9	56641	Tonopah Solar Energy LLC	IPP	Crescent Dunes Solar Energy	NV	57275	TSE-1	110.0	Solar Thermal with Energy Storage	SUN	CP	(U) Under construction, less than or equal to 50 percent complete
2014	9	58716	Windsor Cooper Hill Solar, LLC	IPP	Windsor Cooper Hill Solar, LLC	NC	58847	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	57421	BayWa r.e Wind LLC	IPP	Anderson Wind I	NM	58939	AND1	5.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2014	10	57421	BayWa r.e Wind LLC	IPP	Anderson Wind II	NM	58940	AND2	10.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2014	10	58818	BearPond Solar Center LLC	IPP	BearPond Solar Center LLC	NC	58955	BEAR	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01A	40.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01B	40.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01C	20.0	All Other	WH	CA	(V) Under construction, more than 50 percent complete

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	02A	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 1	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 2	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 3	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 5	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 6	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 7	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 8	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 9	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN10	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN11	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN12	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN4	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2014	10	56769	Consolidated Edison Development Inc.	IPP	White River Solar 2	CA	58973	W2CA	19.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	10	4254	Consumers Energy Co	Electric Utility	Cross Winds Energy Park	MI	58830	CWEP	105.4	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	10	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV04	30.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	5089	Des Moines Metro WRF	Commercial	Des Moines Wastewater Reclamation Fac	IA	50932	72-04	1.4			IC	(TS) Construction complete, but not yet in commercial operation
2014	10	5089	Des Moines Metro WRF	Commercial	Des Moines Wastewater Reclamation Fac	IA	50932	72-05	1.4			IC	(TS) Construction complete, but not yet in commercial operation
2014	10	58816	Dessie Solar Center LLC	IPP	Dessie Solar Center LLC	NC	58952	DESS	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	58713	Dogwood Solar, LLC	IPP	Dogwood Solar, LLC	NC	58844	NA	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	58883	ERWR Whitcomb Farm Solar LLC	IPP	Whitcomb Solar Farm	VT	59049	PS01	2.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	10	39347	East Texas Electric Coop, Inc	Electric Utility	Woodville Renewable Power Project	TX	58944	G1	46.5	Wood/Wood Waste Biomass	WDS	ST	(V) Under construction, more than 50 percent complete
2014	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL9	22.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	58784	Fourmile Wind Energy, LLC	IPP	Fourmile Ridge	MD	58904	1	40.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	CT1	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	CT2	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	ST1	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	ST2	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Spring Canyon II Wind Energy Center	CO	58769	1	34.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	10	57503	Limon	IPP	Limon III Wind LLC	CO	59083	WT1	200.6	Onshore Wind Turbine	WND	WT	(OP) Operating
2014	10	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS13	57.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	10	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS23	47.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	58489	OCI Solar Power	IPP	OCI Alamo 4, LLC	TX	58717	1	39.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	58749	Rentech Nitrogen Pasadena LLC	Electric CHP	Rentech Nitrogen Pasadena Cogeneration	TX	58870	MG202	14.0	All Other	WH	ST	(U) Under construction, less than or equal to 50 percent complete
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026K	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026L	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44K	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44L	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44M	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44N	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44O	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44P	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	5109	The DTE Electric Company	Electric Utility	Echo Wind Park	MI	58121	GEN2	51.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	10	58825	WE 90 Technology Drive LLC	IPP	Technology Drive Solar	VT	58964	PV1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58262	Belectric Inc	IPP	Helen Solar 1	CA	58287	GWPV	1.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	11	58262	Belectric Inc	IPP	Helen Solar 2	CA	58288	GEPV	1.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	11	58262	Belectric Inc	IPP	Venable Solar 1	CA	58289	VNPV	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58262	Belectric Inc	IPP	Venable Solar 2	CA	58290	VSPV	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58262	Belectric Inc	IPP	Zuni Solar 1	CA	58285	ZNPV	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58262	Belectric Inc	IPP	Zuni Solar 2	CA	58286	ZSPV	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	5	25.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	57414	Eli Lilly and Company	Industrial	Lilly Technical Center	IN	58043	5	1.0	All Other	PUR	ST	(OT) Other
2014	11	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ5	166.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58819	Graham Solar Center LLC	IPP	Graham Solar Center LLC	NC	58957	GRAH	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	7570	Great River Energy	Electric Utility	Spiritwood Station	ND	56786	1	62.0	Conventional Steam Coal	LIG	ST	(V) Under construction, more than 50 percent complete
2014	11	57480	Heritage Garden Wind Farm I LLC	IPP	Big Turtle Wind Farm, LLC	MI	58891	BTWF1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	11	56545	Pattern Operators LP	IPP	Pattern Panhandle Wind 2 LLC	TX	58720	1	181.7	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	11	15477	Public Service Elec & Gas Co	Electric Utility	Kinsley Landfill Solar	NJ	58877	KINS	8.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	11	56980	Regulus Solar, LLC	IPP	FRV Regulus Solar Project	CA	57650	FRV4	60.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58579	Silverado Power	IPP	Western Antelope Blue Sky Ranch A	CA	58626	WABSA	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	1	377.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV4	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV4	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV5	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV6	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV7	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV8	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV9	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV1	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV2	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV3	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV4	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV5	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV6	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV7	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV8	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV10	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV4	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV5	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV6	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV7	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV8	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV9	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	2	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	12	58792	ClearVista Energy LLC	IPP	ClearVista Solar and Wind Farm	CA	58922	CVPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58792	ClearVista Energy LLC	IPP	ClearVista Solar and Wind Farm	CA	58922	CVWT	19.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV05	30.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	10	21.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Adams East LLC	CA	58984	1	19.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Camelot LLC	CA	58983	1	45.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Columbia Two, LLC	CA	58990	1	15.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Kansas Solar LLC	CA	58985	1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Kent South, LLC	CA	58991	1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Old River One LLC	CA	58986	1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	56215	E ON Climate Renewables N America LLC	IPP	Grandview Wind Farm, LLC	TX	58596	GRVWI	200.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	5906	EDF Renewable Services Inc	IPP	TX Hereford Wind	TX	58773	GEN1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58720	Enbridge	IPP	Keechi Wind	TX	58838	KW1	110.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	49932	Enel North America, Inc.	IPP	Courtenay Wind Farm	ND	58658	1	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	49932	Enel North America, Inc.	IPP	South Fork Wind Farm	MN	58691	STFK1	13.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Badger Peak	ID	57148	BP	20.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Bonanza Bar	ID	57149	BBAR	20.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Chapin Mountain	ID	57142	CM	19.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Conner Ridge	ID	57147	CR	19.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Cottonwood Wind Park	ID	57144	JR20	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Deep Creek Wind Park	ID	57146	JR1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Lava Beds Wind Park LLC	ID	56436	LBWP	18.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Notch Butte Wind Park	ID	56438	NBWP	18.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Rogerson Flats	ID	57145	RF	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Salmon Creek	ID	57150	SC	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58259	Freetown Solar LLC	IPP	Freetown Solar	MA	58283	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58810	Geenex LLC	IPP	HXOap Solar One	NC	58943	1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	12	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG H	CA	58913	1	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG M	CA	58912	1	1.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58412	Headwaters Wind Farm LLC	IPP	Headwaters Wind Farm LLC	IN	58416	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58695	Heliosage LLC	IPP	Albemarle Solar Center LLC	NC	58806	ASC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC	IPP	Boseman Solar Center LLC	NC	58807	BSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC	IPP	Flemming Solar Center LLC	NC	58808	FSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC	IPP	Littlefield Solar Center LLC	NC	58809	LSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC	IPP	Rams Horn Solar Center LLC	NC	58810	RHSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC	IPP	Upchurch Solar Center LLC	NC	58812	USC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	15399	Iberdrola Renewables Inc	IPP	Dolan Springs	AZ	57920	1	300.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	15399	Iberdrola Renewables Inc	IPP	Penascal III	TX	57927	1	201.6	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	15399	Iberdrola Renewables Inc	IPP	Tule Wind LLC	CA	57913	1	143.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	57193	K Road Moapa Solar LLC	IPP	K Road Moapa Solar	NV	57859	1	250.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	56911	Kalaeloa Solar One LLC	IPP	Kalaeloa Solar One	HI	57569	KS1-A	3.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction
2014	12	56911	Kalaeloa Solar One LLC	IPP	Kalaeloa Solar One	HI	57569	KS1-B	3.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction
2014	12	58673	Longhorn Holdings, LLC	IPP	Longhorn Holdings	NC	58781	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	11664	Mark Technologies Corp	IPP	Alta Mesa Project Phase IV	CA	55352	GEN1	40.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58598	Mass Solar, LLC	IPP	Braley Road 2	MA	58680	PV1	2.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	12647	Minnesota Power Inc	Electric Utility	Bison 4 Wind Energy Center	ND	58872	BISO4	205.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	57470	Noble Energy Systems, Inc.	IPP	Pea Patch Wind Farm	MD	58087	PEAP	50.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	55868	Noble Wind Operations LLC	IPP	Noble Bellmont Windpark LLC	NY	56903	1	21.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58477	O2energies, Inc.	IPP	Biscoe Solar LLC	NC	58667	BISCO	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Chocowinity Solar LLC	NC	58675	CHOCO	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Cirrus Solar LLC	NC	58674	CIRRU	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Gates Solar LLC	NC	58673	GATES	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Montgomery Solar LLC	NC	58649	1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Rockwell Solar LLC	NC	58668	ROCKW	3.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Selma Solar LLC	NC	58669	SELMA	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Turkey Branch Solar LLC	NC	58670	TURKY	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	56937	Rising Tree Wind Farm LLC	IPP	Rising Tree Wind Farm	CA	57621	GEN1	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58820	Shankle Solar Center LLC	IPP	Shankle Solar Center LLC	NC	58956	SHAN	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58658	Sunlight Partners	IPP	Amethyst Solar	NC	58730	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Beth Solar	NC	58734	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Big Boy Solar	NC	58736	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Charlie Solar	NC	58738	PV1	4.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Charlotte Solar	NC	58722	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Elliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58658	Sunlight Partners	IPP	Lotus Solar	NC	58729	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Minnie Solar	NC	58740	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Sophie Solar	NC	58745	PV1	4.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	24211	Tucson Electric Power Co	Electric Utility	Fort Huachuca Solar PV Project	AZ	58972	FHUAC	14.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch A	CA	58418	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch B	CA	58419	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT01	297.5	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT02	297.5	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT03	297.5	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	ST01	579.7	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	12	58761	White Camp Solar LLC	IPP	White Camp Solar	TX	58888	WCAMP	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	1	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG1	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	1	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG2	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	1	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG3	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	1	58562	Blueberry One, LLC	IPP	Blueberry One	NC	58605	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	1	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	1	76.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	1	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	2	76.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	1	58576	Holstein Holdings, LLC	IPP	Holstein Plant	NC	58623	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS01	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS02	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS03	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS04	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS05	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS06	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS07	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS08	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS09	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS10	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	44.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	1	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	10	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	11	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	12	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	2	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	3	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	4	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	5	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	6	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	7	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	8	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Parkland Landfill Solar	NJ	59001	PARK	7.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	1	57028	West Butte Wind Power LLC	IPP	West Butte Wind Power Project	OR	57704	WB-1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	2	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG1	22.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2015	2	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	1	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	2	20069	City of Wamego - (KS)	Electric Utility	Wamego	KS	1328	10	2.9	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	2	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	9	24.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	2	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS12	52.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	2	56990	NJR Clean Energy Ventures Corporation	IPP	Carroll Area Wind Farm	IA	59071	WT 1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	3	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG2	25.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	3	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG2	22.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2015	3	11268	City of Lowell - (MI)	Electric Utility	Chatham	MI	58254	CT02R	3.2	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete
2015	3	5906	EDF Renewable Services Inc	IPP	City of Corcoran Solar	CA	59087	GEN 1	3.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	3	5906	EDF Renewable Services Inc	IPP	Goose Lake Solar	CA	59086	GEN1	3.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2015	3	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-1	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	3	58865	Hoopeston Wind LLC	IPP	Hoopeston Wind LLC	IL	59021	HOO1	98.0	Onshore Wind Turbine	WND	WT	(OP) Operating
2015	3	10071	Kauai Island Utility Cooperative	Electric Utility	KRS I Anahola Solar	HI	58639	ANAPV	12.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	3	56855	Performance Services	IPP	Purdue Energy Park	IN	57518	1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	3	15248	Portland General Electric Co	Electric Utility	Tucannon River Wind Farm	WA	58571	1	266.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58814	Sibley Wind Substation LLC	IPP	Sibley Wind	MN	58950	SW-1	19.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	3	58707	Torch Renewable Energy LLC	IPP	Red Horse 2	AZ	58833	RH2S	41.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	58361	Triton College	Commercial	Triton East and West Cogen	IL	58375	5	0.4	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	4	58603	Aloha Solar Energy Fund I LLC	IPP	Aloha Solar Energy Fund 1 PK1	HI	58659	PK-1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG3	25.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	4	58703	Apple One LLC	IPP	Apple One	NC	58828	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	58770	Balko Wind LLC	IPP	Balko Wind LLC	OK	58900	BAL1	299.7	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	4	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	3	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	4	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	8	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	4	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-2	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	1	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2015	4	56167	Imperial Valley Solar, LLC	IPP	Imperial Valley Solar, LLC	CA	56917	2	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	57411	KDC Solar O&M LLC	Commercial	Mountain Creek Solar Facility	NJ	58364	MC	4.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	4	58815	KDC Solar RTC LLC	IPP	Delilah Road Landfill	NJ	58951	DRLS	9.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	4	58773	Kingfisher Wind LLC	IPP	Kingfisher Wind LLC	OK	58902	KNG1	300.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	4	58679	Kirkwall Holdings, LLC	IPP	Kirkwall Holdings	NC	58791	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS11	52.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	4	12670	Missouri Jnt Muni.Pwr Elec. Ut. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2015	4	12670	Missouri Jnt Muni.Pwr Elec. Ut. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT2	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2015	4	58674	Sonne One, LLC	IPP	Sonne One	NC	58782	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	58704	Sonne Two LLC	IPP	Sonne Two	NC	58829	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS51	15.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	58706	67RK 8me LLC	IPP	Redcrest Solar Farm	CA	58831	PV-1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	7	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	11241	Entergy Louisiana Inc	Electric Utility	Nine Mile Point	LA	1403	6	561.0	Other Natural Gas	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2015	5	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	BLKW	12.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	LTHL	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	7349	Golden Spread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58835	ELK1	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	1	25.9	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	2	70.3	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	3	105.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	1	129.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	2	109.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	3	61.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	11208	Los Angeles Department of Water & Power	Electric Utility	Van Norman Bypass Solar Project	CA	57307	1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	7	640.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2015	5	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project	IA	58883	HLWF	502.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS14	32.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	5	58616	Osage Wind, LLC	IPP	Osage Wind, LLC	OK	58683	1	150.4	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	17445	Solid Waste Auth of Palm Beach	Electric Utility	Palm Beach Renewable Energy Facility#2	FL	57898	GEN2	85.0	Municipal Solid Waste	MSW	ST	(P) Planned for installation, but regulatory approvals not initiated
2015	5	55510	Tiverton Power LLC	IPP	Tiverton Power Plant	RI	55048	UNT3	159.4	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2015	5	55510	Tiverton Power LLC	IPP	Tiverton Power Plant	RI	55048	UNT4	90.6	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58856	65HK 8me LLC	IPP	Hayworth Solar	CA	59009	PV1	27.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	GTG1	205.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	GTG2	205.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	STGEN	316.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2015	6	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT001	240.0	Other Natural Gas	NG	CC	(L) Regulatory approvals pending. Not under construction
2015	6	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT002	240.0	Other Natural Gas	NG	CC	(L) Regulatory approvals pending. Not under construction
2015	6	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	CTG1	200.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	918	City of Aspen- (CO)	Electric Utility	Castle Creek Hydroplant	CO	56566	1	1.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	19856	City of Vineland - (NJ)	Electric Utility	Clayville	NJ	58235	1	63.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	6	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	49932	Enel North America, Inc.	IPP	Little Elk Wind Project LLC	OK	58999	LEWP	74.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	56615	First Solar Energy LLC	IPP	North Star Solar	CA	58713	NSTR	62.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	CTG1	183.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	STG2	126.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2015	6	7801	Gulf Power Co	Electric Utility	Perdido	FL	57502	3	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	6	10379	Klamath Generation LLC	Electric CHP	Klamath	OR	56019	CT-1	162.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	6	10379	Klamath Generation LLC	Electric CHP	Klamath	OR	56019	CT-2	162.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	6	10379	Klamath Generation LLC	IPP	Klamath	OR	56019	ST-1	220.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2015	6	58606	Mauka Fit One LLC	IPP	Mauka FIT One	HI	58662	3501	3.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58588	National Solar Power Partners LLC	IPP	Hardee County Solar Farms 1 LLC	FL	58637	HCSF1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-3	204.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-4	204.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	STG-2	309.0	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	10A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2015	6	40192	Shady Hills Power Co LLC	IPP	Shady Hills Generating Station	FL	55414	G401	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	40192	Shady Hills Power Co LLC	IPP	Shady Hills Generating Station	FL	55414	G501	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	57331	Soitec Solar Development LLC	IPP	LanEast Solar Farm LLC	CA	57957	1	20.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	57331	Soitec Solar Development LLC	IPP	LanWest Solar Farm LLC	CA	57958	1	5.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	57331	Soitec Solar Development LLC	IPP	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	57331	Soitec Solar Development LLC	IPP	Tierra Del Sol Solar Farm LLC	CA	57961	1	45.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58707	Torch Renewable Energy LLC	IPP	Red Horse 2	AZ	58833	RH2W	30.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	6	58602	Utah Red Hills Renewable Energy Park LLC	IPP	Utah Red Hills Renewable Energy Park	UT	58660	1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-4	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-5	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-6	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-7	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-8	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-9	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-10	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	CTG1	172.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	CTG2	172.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	ST1	215.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2015	7	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG1	25.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	7	58554	Beryl Solar, LLC	IPP	Beryl Solar Plant	UT	58598	BSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58662	Blue Mountain Power Partners	IPP	Blue Mountain Wind Farm	UT	58764	BM1	80.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	7	58557	Buckhorn Solar, LLC	IPP	Buckhorn Solar Plant	UT	58600	BSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58556	Cedar Valley Solar, LLC	IPP	Cedar Valley Solar Plant	UT	58599	CVSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58561	Granite Peak Solar, LLC	IPP	Granite Peak Solar Plant	UT	58604	GPSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58560	Greenville Solar, LLC	IPP	Greenville Solar Plant	UT	58603	GVSP1	2.2	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	GT-1	200.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	GT-2	200.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	STG-1	285.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2015	7	58559	Laho Solar, LLC	IPP	Laho Solar Plant	UT	58602	LSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	11208	Los Angeles Department of Water & Power	Commercial	VA Sepulveda Ambulatory Care Center	CA	58249	GEN1	3.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58558	Milford Flat Solar, LLC	IPP	Milford Flat Solar Plant	UT	58601	MFSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	14077	Oklahoma Municipal Power Authority	Electric Utility	Charles D. Lamb Energy Center	OK	58325	1	122.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58589	Orbit Energy Charlotte	IPP	Orbit Energy Charlotte	NC	58638	1	5.2	Other Waste Biomass	OBG	ST	(U) Under construction, less than or equal to 50 percent complete
2015	7	54863	U S Power Generating Company LLC	IPP	Gowanus Gas Turbines Generating	NY	2494	SS	90.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	8	58897	705M 8me LLC	IPP	Calipatria Solar Farm	CA	59088	GEN 1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN7	1.6	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete
2015	8	57406	Deepwater Wind Block Island LLC	IPP	Block Island Wind Farm	RI	58035	BIWF	29.3	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction
2015	8	56625	Flat Water Wind Farm LLC	IPP	Flat Water Wind Farm	NE	57283	WTG2	10.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG1	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG2	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	8	49805	Kennecott Utah Copper	Industrial	Kennecott Power Plant	UT	56163	MCHP	5.9	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2015	8	58613	Route 66 Wind Power LLC	IPP	Route 66 Wind Plant	TX	58681	RT661	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	8	58872	Shannon Wind LLC	IPP	Shannon Wind	TX	59034	SHAN1	204.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	49932	Enel North America, Inc.	IPP	Mustang Run Wind Project LLC	OK	59000	MRWP	136.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	9	49932	Enel North America, Inc.	IPP	Origin Wind	MA	58938	WT	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	9	56266	Green Gas-Pioneer Crossing Energy LLC	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LFG5	1.6	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction
2015	9	56266	Green Gas-Pioneer Crossing Energy LLC	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LFG6	1.6	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction
2015	9	57278	Hidden Hills Solar II LLC	IPP	Hidden Hills Solar Plant 2	CA	57906	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2015	9	15399	Iberdrola Renewables Inc	Electric CHP	Lakeview Cogeneration LLC	OR	57398	1	24.0	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete
2015	9	58609	OwnEnergy Inc	IPP	Alexander Wind Farm LLC	KS	58666	1	48.3	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG1	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG2	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG3	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	58565	Saddleback Ridge Wind, LLC	IPP	Saddleback Ridge Wind Farm	ME	58608	SRW1	34.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	9	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS50	49.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	9	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN1	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	9	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN2	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	10	58857	87RL 8me LLC	IPP	Woodmere Solar Farm	CA	59008	PV1	15.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	10	56963	Beaver Wood Energy Fair Haven, LLC	Electric CHP	Beaver Wood Energy Fair Haven, LLC	VT	57634	GEN1	29.5	Other Waste Biomass	OBS	ST	(L) Regulatory approvals pending. Not under construction
2015	10	5580	East Kentucky Power Coop, Inc	Electric Utility	Green Valley LFGTE	KY	56278	4	0.8	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	10	56282	Evergreen Wind Power II LLC	IPP	Oakfield Wind Project	ME	57002	1	148.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	10	56791	Hudson Ranch Power I LLC	IPP	Hudson Ranch Power II LLC	CA	58211	HR2	49.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction
2015	10	58891	Jericho Power LLC	IPP	Jericho Power	NH	59070	WT 1	12.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	10	26253	Louisiana Energy & Power Authority	Electric Utility	Morgan City CC Youngs Road	LA	58478	LEPA1	79.0	Other Natural Gas	NG	CC	(L) Regulatory approvals pending. Not under construction
2015	10	58849	Mariah North West LLC	IPP	Mariah Renewable Energy Center Phase 1	TX	59005	MAR1	109.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	10	58826	Thunder Spirit Wind, LLC	IPP	Thunder Spirit Wind, LLC	ND	58965	THNDR	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	11	58574	Canton Mountain Wind LLC	IPP	Canton Mountain Wind	ME	58620	1	22.8	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	11	5906	EDF Renewable Services Inc	IPP	Roosevelt County	NM	58771	GEN1	300.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	11	54906	TradeWind Energy LLC	IPP	Breckenridge Wind Project LLC	OK	58994	BWP	98.8	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58794	American Wind Energy Management Corporation	IPP	Sugar Creek Wind One LLC	IL	58924	SUG1	175.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58680	Ayrshire Holdings, LLC	IPP	Ayrshire	NC	58792	PV1	19.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	56524	Baca Energy LLC	IPP	Baca Renewable Energy LLC	CO	57175	BACA1	75.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58625	Black Oak Wind, LLC	IPP	Black Oak Wind Farm	MN	58692	1	40.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	56870	Blue Sky West LLC	IPP	Bingham Wind	ME	57531	1	186.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	57260	CSOLAR IV West LLC	IPP	Imperial Solar Energy Center West	CA	57491	56819	148.7	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT1	197.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT2	197.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	ST	191.3	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2015	12	56215	E ON Climate Renewables N America LLC	IPP	Grandview Wind Farm II LLC	TX	59068	GVII	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56215	E ON Climate Renewables N America LLC	IPP	Grandview Wind Farm III LLC	TX	59067	GVIII	188.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56215	E ON Climate Renewables N America LLC	IPP	Wildcat Wind Farm II LLC`	TX	59069	WCII	210.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58642	East Kapolei Solar LLC	IPP	EKS Solar Farm	HI	58705	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	49932	Enel North America, Inc.	IPP	Apple Blossom Wind Farm	MI	58690	APLB1	100.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	49932	Enel North America, Inc.	IPP	Goodwell Wind Project LLC	OK	58998	GWWP	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	49932	Enel North America, Inc.	IPP	Odell Wind Farm	MN	58657	1	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	28086	Energy Unlimited Inc	IPP	Painted Hills IV Wind	CA	56926	1	19.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58672	Everpower Wind Holdings Inc	IPP	Buckeye Wind Farm	OH	58776	1	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58146	Gaelectric LLC	IPP	Jawbone Wind Project	MT	58175	JWPI	131.1	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58614	Hancock Wind LLC	IPP	Hancock Wind Plant	ME	58686	HANC1	51.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	15399	Iberdrola Renewables Inc	IPP	El Cabo Wind	NM	58098	1	298.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56633	Lake Country Wind Energy	IPP	Lake Country Wind Energy	MN	57255	1	40.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	55910	Lanai Sustainability Research LLC	IPP	Miliani South Solar Farm	HI	57242	1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	4		Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	5		Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	6	95.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	7	95.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58850	Mariah South LLC	IPP	Mariah Renewable Energy Center Phase 2	TX	59007	MAR S	99.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT1	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT2	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT3	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2015	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT4	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	12	58895	Marshall Wind Energy LLC	IPP	Marshall Wind Farm	KS	59084	RPMA	73.8			WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	56941	Meadow Lake Wind Farm V LLC	IPP	Meadow Lake Wind Farm V LLC	IN	57628	GEN1	100.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58873	Milford Wind Corridor Phase III LLC	IPP	Milford Wind Corridor Phase III	UT	57546	1	100.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58257	Mililani South PV LLC	IPP	Mililani South PV	HI	58281	1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58796	NECO Wind LLC	IPP	NECO Wind LLC	CO	58928	1	30.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58718	Na Pua Makani Power Partners LLC	IPP	Na Pua Makani Wind Project	HI	58837	WT1	25.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN1	382.5	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2015	12	56545	Pattern Operators LP	IPP	Ripley Westfield Wind LLC	NY	57193	WTG	75.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56545	Pattern Operators LP	IPP	Texas Gulf Wind 2	TX	56662	1	187.2	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58626	Paynesville Wind, LLC	IPP	Paynesville Wind Farm	MN	58693	1	95.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	5	173.4	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	6	173.4	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	7	241.4	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58168	Rio Mesa Solar I LLC	IPP	Rio Mesa SEGF 1		58188	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2015	12	58846	Southeast Renewable Fuels, LLC	Industrial	SRF Sorghum to Ethanol Advanced Biorefinery	FL	58997	G1001	12.0	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete
2015	12	58846	Southeast Renewable Fuels, LLC	Industrial	SRF Sorghum to Ethanol Advanced Biorefinery	FL	58997	G1002	6.5	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete
2015	12	58658	Sunlight Partners	IPP	Angel Solar	NC	58731	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Austin Solar	NC	58733	PV1	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Binks Solar	NC	58737	PV1	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Buddy Solar	NC	58735	PV1	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Carol Jean Solar	NC	59017	GEN 1	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Duck Solar	NC	58724	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Flash Solar	NC	58726	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Hawkins Solar	NC	58727	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Katherine Solar	NC	58728	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Maverick Solar	NC	59016	GEN 1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Nick Solar	NC	58741	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Owen Solar	NC	58742	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	RJ Solar	NC	58743	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Shadow Solar	NC	58744	PV1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Star Solar	NC	58746	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58836	Sunwind Energy Solutions, LLLP	IPP	Sunwind Doyle Wind	KS	58976	SNWND	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	CTG	11.6	Other Waste Biomass	OBG	CT	(U) Under construction, less than or equal to 50 percent complete
2015	12	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	STG	7.4	Other Waste Biomass	OBG	CA	(U) Under construction, less than or equal to 50 percent complete
2015	12	18642	Tennessee Valley Authority	Electric Utility	Watts Bar Nuclear Plant	TN	7722	2	1,122.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2015	12	2782	Terra-Gen Operating Company	IPP	Dixie Valley Power Partnership	NV	10681	GEN1	25.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58624	Walnut Ridge Wind, LLC	IPP	Walnut Ridge Wind Farm	IL	58694	1	210.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56948	Waverly Wind Farm LLC	IPP	Waverly Wind Farm LLC	KS	57614	GEN1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U001	346.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U002	346.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U003	346.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	1	25438	Friant Power Authority	IPP	Friant Hydro Facility	CA	50393	RO2	9.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2016	1	58880	Gallegos Wind Farm LLC	IPP	Gallegos Wind Farm, Phase 1	NM	59047	GEN 1	180.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2016	1	4361	Ingredion Inc - Stockton	Industrial	Ingredion Stockton	CA	52115	GEN2	6.5	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2016	1	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	LEFT	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2016	1	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	RGHT	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2016	2	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN2	382.5	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2016	3	57277	Hidden Hills Solar I LLC	IPP	Hidden Hills Solar Plant 1	CA	57905	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN1	382.5	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2016	3	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0001	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2016	3	58169	Rio Mesa Solar II LLC	IPP	Rio Mesa SEGF 2	CA	58189	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2016	4	58838	Parrey, LLC	IPP	Henrietta Solar Project	CA	58975	PV1	102.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	4	54866	Robinson Power Company LLC	Electric CHP	Robinson Power Company LLC	PA	56453	1	132.0	Conventional Steam Coal	BIT	ST	(P) Planned for installation, but regulatory approvals not initiated
2016	4	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS52	14.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	5	867	ARCO Products Co-Watson	Industrial	Watson Cogeneration	CA	50216	GN97	79.6	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-3	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2016	5	58597	Enivromission, Inc	IPP	La Paz Solar Tower	AZ	58652	1	200.0	Solar Thermal without Energy Storage	SUN	OT	(L) Regulatory approvals pending. Not under construction
2016	5	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN2	382.5	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN1	500.0	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT01	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT02	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT03	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	ST01	595.3	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	57421	BayWa r.e Wind LLC	IPP	Chopin Wind LLC	OR	59076	WT1	10.0			WT	(P) Planned for installation, but regulatory approvals not initiated
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG1	189.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG2	189.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	STG	198.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	CTG2	186.5	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	STG	305.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	1	1.5	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction
2016	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	2	1.5	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5EG	1.0	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-2		Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-3		Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5A	1,260.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5B		Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5C		Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5ST		Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2016	6	58409	Future Power PA	Electric CHP	Good Spring NGCC	PA	58409	GT1	225.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	6	58409	Future Power PA	Electric CHP	Good Spring NGCC	PA	58409	HRSG1	108.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	6	11806	Massachusetts Mun Wholes Electric Co	Electric Utility	Stony Brook	MA	6081	3A	289.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	6	56640	Rice Solar Energy LLC	Commercial	Rice Solar Energy	CA	57276	RSE1	150.0	Solar Thermal without Energy Storage	SUN	OT	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN4	4.4	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	57109	St Joseph Energy Center LLC	IPP	St Joseph Energy Center	IN	57794	2	642.0	Other Natural Gas	NG	CC	(L) Regulatory approvals pending. Not under construction
2016	7	56615	First Solar Energy LLC	IPP	Silver State South	NV	58644	SSS	286.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	7	56615	First Solar Energy LLC	IPP	Stateline Solar	NV	58646	STL	299.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	7	2518	U S Bureau of Reclamation	Electric Utility	Black Canyon	ID	6396	3	12.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2016	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN8	1.6	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete
2016	8	4329	Copper Valley Elec Assn, Inc	Electric Utility	Allison Creek Hydro	AK	58982	GEN1	6.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	1	27.5	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2016	9	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	2	27.5	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2016	10	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind III	TX	58775	GEN1	161.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2016	10	58849	Marah North West LLC	IPP	Marah Renewable Energy Center Phase 3	TX	59006	MARN	80.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	10	56987	RRE Austin Solar LLC	IPP	Pflugerville Solar Farm	TX	57659	PSF	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	10	58381	Troutdale Energy Center LLC	IPP	Troutdale Energy Center	OR	58396	PLGEN	652.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	11	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	3	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2016	11	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	1	250.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	58794	American Wind Energy Management Corporation	IPP	Sangamon Wind One LLC	IL	58925	SAN1	35.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	12	58794	American Wind Energy Management Corporation	IPP	Sangamon Wind Two LLC	IL	58926	SAN2	50.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	12	57003	Arlington Valley Solar Energy LLC	IPP	Arlington Valley Solar Energy I	AZ	57679	AVSE1	125.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	12	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	GT3	90.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2016	12	56339	Champlain Wind LLC	IPP	Bowers Wind Project	ME	57088	1	48.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58840	Copenhagen Wind Farm, LLC	IPP	Copenhagen Wind Farm	NY	58979	CPHGN	79.9	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5STA	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction
2016	12	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5STB	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Allegany Wind Farm	NY	58779	1	72.5	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Cassadaga Wind Farm	NY	58777	1	125.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Coyote Crest Wind Farm	WA	58778	1	126.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Scioto Ridge Wind Farm	OH	58780	1	300.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	56983	Gibson County Generation LLC	IPP	Gibson County Generation Station	TN	57709	1	371.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	12	58623	Grande Prairie Wind, LLC	IPP	Grande Prairie Wind Farm	NE	58695	1	400.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58695	Heliosage LLC	IPP	Fusion Solar Center LLC	CT	58876	PV	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	12	56946	Hidalgo Wind Farm LLC	IPP	Hidalgo Wind Farm LLC	TX	57617	GEN1	150.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	15399	Iberdrola Renewables Inc	IPP	Montague Wind Power Facility LLC	OR	58099	1	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	12	56743	K Road Calico Solar, LLC	IPP	K Road Calico Solar	CA	57416	02	388.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	12	49736	Loring Holdings, LLC	Electric CHP	Loring Power Plant	ME	56105	GTG1	37.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2016	12	49736	Loring Holdings, LLC	Electric CHP	Loring Power Plant	ME	56105	STG1	18.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2016	12	56094	Medicine Bow Fuel & Power LLC	IPP	Medicine Bow Fuel & Power LLC	WY	56452	1	350.0	Coal Integrated Gasification Combined Cycle	BIT	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	A	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	B	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	C	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	D	110.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	56676	PV2 Energy, LLC	IPP	Panoche Valley Solar Farm	CA	57340	1	399.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	4202	Phillips 66-Ponca City Refinery	Industrial	Ponca City Refinery	OK	52188	G1A	3.0	Other Gases	OG	ST	(P) Planned for installation, but regulatory approvals not initiated
2016	12	56424	Quilt Block Wind Farm LLC	IPP	Quilt Block Wind Farm LLC	WI	57116	GEN 1	99.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58843	Searchlight Wind Energy LLC	IPP	Searchlight Wind	NV	58988	1	40.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2016	12	58579	Silverado Power	IPP	Western Antelope Dry Ranch	CA	58627	WADR	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	12	19316	Two Elk Generation Partners LP	IPP	Two Elk Generating Station	WY	55360	GEN1	275.0	Conventional Steam Coal	WC	ST	(U) Under construction, less than or equal to 50 percent complete
2017	1	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	CT1	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	1	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	CT2	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT1	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT2	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT3	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2017	1	18454	Tampa Electric Co	Electric Utility	Polk	FL	7242	9	459.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2017	2	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN1	230.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	2	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN3	314.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2017	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2017	3	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5501	3.0	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction
2017	3	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5502	1.3	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction
2017	3	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5511	1.7	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction
2017	3	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN2	230.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	3	17539	South Carolina Electric&Gas Company	Electric Utility	V C Summer	SC	6127	2	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	2	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	3	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	4	390.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CC1	646.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2017	5	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-4	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2017	6	7277	Calpine Corporation	IPP	Wild Horse Power Plant	CA	57181	1	40.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2017	7	58758	CPV Smyth Generation Company LLC	IPP	CPV Smyth Generation Company LLC	VA	58878	1	591.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT1	301.5	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT2	301.5	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	ST	187.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2017	7	4716	Dairyland Power Coop	Electric Utility	Elk Mound	WI	7863	3	35.5	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2017	7	4716	Dairyland Power Coop	Electric Utility	Elk Mound	WI	7863	4	35.5	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2017	7	58762	Sargas Texas, LLC	IPP	Stargate Point Comfort	TX	58895	STAR1	232.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2017	8	58768	Pondera Development LLC	IPP	CPV Pondera King Energy Center	TX	58910	CC	800.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2017	9	7277	Calpine Corporation	IPP	Buckeye Geothermal Power Plant	CA	57180	1	49.9	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG1	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG2	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG3	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG4	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG5	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG6	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58878	Watkins Glen Wind LLC	IPP	Watkins Glen Wind Energy Center	NY	59041	WGWEC	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2017	11	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	4	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2017	12	219	Alaska Power and Telephone Co	IPP	Reynolds Creek	AK	59037	GEN 1	5.0	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT3	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT4	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	ST1	181.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	ST2	181.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	12	11208	Los Angeles Department of Water & Power	Electric Utility	Southern Owens Valley Solar Ranch	CA	57304	1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2017	12	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2017	12	56949	Paulding Wind Farm LLC	IPP	Paulding Wind Farm LLC	OH	57611	GEN1	49.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-A	687.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	12	56061	Reedsport OPT Wave Park LLC	IPP	Reedsport OPT Wave Park	OR	56906	1	1.5	Hydrokinetic	WAT	HB	(L) Regulatory approvals pending. Not under construction
2018	1	56794	CE Obsidian Energy LLC	IPP	Black Rock I	CA	57477	G3201	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2018	1	2719	CalWind Resources Inc	IPP	Tehachapi Wind Resource II	CA	54909	PLAN	15.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2018	1	58763	LotusWorks-Summit Ridge I, LLC	IPP	Summit Ridge I Wind Farm	OR	58894	SRWF	151.8	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2018	1	54869	WMPI PTY LLC	Industrial	WMPI Pty LLC	PA	56455	1	41.0	Coal Integrated Gasification Combined Cycle	WC	CC	(P) Planned for installation, but regulatory approvals not initiated
2018	3	56794	CE Obsidian Energy LLC	IPP	Black Rock II	CA	57478	G3202	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2018	3	58757	Wheelabrator Frederick, LLC	IPP	Frederick-Carroll County Renewable Waste to Energy Facility	MD	58875	GEN1	47.0	Municipal Solid Waste	MSW	ST	(T) Regulatory approvals received. Not under construction
2018	4	55927	Power4Georgians LLC	Electric Utility	Plant Washington	GA	56675	MAIN	850.0	Conventional Steam Coal	SUB	ST	(T) Regulatory approvals received. Not under construction
2018	5	56794	CE Obsidian Energy LLC	IPP	Black Rock III	CA	57479	G303	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2018	5	17539	South Carolina Electric&Gas Company	Electric Utility	V C Summer	SC	6127	3	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2018	6	54867	Christian County Generation LLC	IPP	Taylorville Energy Center	IL	56454	1	533.0	Coal Integrated Gasification Combined Cycle	SGC	CC	(L) Regulatory approvals pending. Not under construction
2018	7	58881	Apex Bethel Energy Center	IPP	Apex Bethel Energy Center	TX	59048	ABEC1	158.5	Natural Gas with Compressed Air Storage	NG	CE	(T) Regulatory approvals received. Not under construction
2018	7	58881	Apex Bethel Energy Center	IPP	Apex Bethel Energy Center	TX	59048	ABEC2	158.5	Natural Gas with Compressed Air Storage	NG	CE	(T) Regulatory approvals received. Not under construction
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GTG1	81.3	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GTG2	81.3	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	STG1	102.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2018	10	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC 6	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC 7	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC 8	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC 9	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC10	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC11	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2018	12	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	02B	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2018	12	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	03A	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-1	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-2	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-3	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-4	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-5	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-6	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	ST-1	50.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	ST-2	50.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2018	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-B	813.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2019	4	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0002	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2019	5	18454	Tampa Electric Co	Electric Utility	Tampa Electric Co NA 2	FL	56352	1	149.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2019	12	56947	Antelope Ridge Wind Power LLC	IPP	Antelope Ridge Wind Power	OR	57615	GEN1	300.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2019	12	14354	PacifiCorp	Electric Utility	Blundell	UT	299	3	35.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	5	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT5	46.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2020	12	7277	Calpine Corporation	IPP	Four Mile Hill	CA	55845	1	49.9	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	12	7277	Calpine Corporation	IPP	Telephone Flat	CA	55846	1	49.9	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	8		Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	9		Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2020	12	56935	Number Nine Wind Farm LLC	IPP	Number Nine Wind Farm	ME	57612	GEN1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2020	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	II-A	750.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2021	6	6455	Duke Energy Florida, Inc	Electric Utility	Levy Nuclear Plant	FL	57894	LNP1	1,092.0	Nuclear	NUC	ST	(L) Regulatory approvals pending. Not under construction
2021	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	II-B	750.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2022	1	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS1	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2022	12	56943	Blackstone Wind Farm III LLC	IPP	Blackstone Wind Farm III	IL	57618	GEN1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2022	12	56944	Blackstone Wind Farm IV LLC	IPP	Blackstone Wind Farm IV	IL	57619	GEN1	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2022	12	6455	Duke Energy Florida, Inc	Electric Utility	Levy Nuclear Plant	FL	57894	LNP2	1,092.0	Nuclear	NUC	ST	(L) Regulatory approvals pending. Not under construction
2022	12	56425	Simpson Ridge Wind Farm LLC	IPP	Simpson Ridge Wind Farm LLC	WY	57117	GEN 1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2023	1	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS2	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.
Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.
Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2014	5	58793	Missouri University of Science and Technology	IPP	Missouri S&T - Power Plant	MO	58923	1000	1.0	Petroleum Liquids	DFO	IC
2014	5	58793	Missouri University of Science and Technology	IPP	Missouri S&T - Power Plant	MO	58923	500K	0.2	Conventional Steam Coal	BIT	ST
2014	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	1	113.0	Conventional Steam Coal	BIT	ST
2014	6	5107	City of Detroit	Electric Utility	Mistersky	MI	1822	6	50.0	Other Natural Gas	NG	ST
2014	6	5107	City of Detroit	Electric Utility	Mistersky	MI	1822	7	60.0	Other Natural Gas	NG	ST
2014	6	5107	City of Detroit	Electric Utility	Mistersky	MI	1822	GT1	25.0	Petroleum Liquids	DFO	GT
2014	6	4161	Constellation Power Source Gen	IPP	Riverside	MD	1559	GT6	115.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	1	79.7	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	2	78.0	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	3	149.8	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	4	436.8	Petroleum Liquids	RFO	ST
2014	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	1	111.0	Conventional Steam Coal	BIT	ST
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN1	14.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN2	12.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN4	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN5	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN6	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN7	10.0	Other Gases	OG	CA
2014	8	12986	Morton Salt Inc	Industrial	Morton Salt Rittman	OH	54335	GEN1	1.5	Conventional Steam Coal	BIT	ST
2014	9	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	1	132.0	Conventional Steam Coal	SUB	ST
2014	9	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	2	132.0	Conventional Steam Coal	SUB	ST
2014	9	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	3	132.0	Conventional Steam Coal	SUB	ST
2014	9	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Lake Shore	OH	2838	18	245.0	Conventional Steam Coal	SUB	ST
2014	9	54842	WM Renewable Energy LLC	IPP	New Milford Gas Recovery	CT	50564	GEN4	0.8	Landfill Gas	LFG	IC
2014	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0	Other Natural Gas	NG	ST
2014	12	5956	Entergy Nuclear Vermont Yankee	IPP	Vermont Yankee	VT	3751	1	604.3	Nuclear	NUC	ST
2014	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA1	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	1	100.0	Conventional Steam Coal	BIT	ST
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	2	100.0	Conventional Steam Coal	BIT	ST
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	3	98.0	Conventional Steam Coal	BIT	ST
2014	12	13781	Northern States Power Co - Minnesota	Electric Utility	Alliant Techsystems	MN	7376	1	1.6	Petroleum Liquids	DFO	IC
2014	12	15466	Public Service Co of Colorado	Electric Utility	Zuni	CO	478	2	60.0	Other Natural Gas	NG	ST
2014	12	17166	Sierra Pacific Power Co	Electric Utility	Tracy	NV	2336	ST1	53.0	Other Natural Gas	NG	ST
2014	12	17166	Sierra Pacific Power Co	Electric Utility	Tracy	NV	2336	ST2	83.0	Other Natural Gas	NG	ST
2014	12	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN2	2.9	Landfill Gas	LFG	GT
2014	12	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN3	2.9	Landfill Gas	LFG	GT
2014	12	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN1	0.8	Landfill Gas	LFG	IC
2014	12	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN3	0.8	Landfill Gas	LFG	IC
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	3	156.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST1	111.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST2	111.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST4	217.0	Conventional Steam Coal	BIT	ST
2015	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	54842	WM Renewable Energy LLC	IPP	Monroe Livingston Gas Recovery	NY	50565	GEN2	0.8	Landfill Gas	LFG	IC
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	5	238.0	Conventional Steam Coal	BIT	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Ashtabula	OH	2835	5	244.0	Conventional Steam Coal	SUB	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	3	509.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	4	507.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	McManus	GA	715	1	43.0	Petroleum Liquids	RFO	ST
2015	4	7140	Georgia Power Co	Electric Utility	McManus	GA	715	2	79.0	Petroleum Liquids	RFO	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	1	97.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	2	103.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	3	111.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	4	133.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	5	135.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	1	46.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	2	46.0	Conventional Steam Coal	BIT	ST
2015	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	3	68.0	Conventional Steam Coal	BIT	ST
2015	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	4	95.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	1	67.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	2	105.0	Conventional Steam Coal	BIT	ST
2015	5	12647	Minnesota Power Inc	Electric Utility	Taconite Harbor Energy Center	MN	10075	GEN3	83.6	Conventional Steam Coal	SUB	ST
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C2	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C3	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C4	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	1	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	2	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	3	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	4	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	5	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	6	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	7	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	8	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT1	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT2	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT3	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT4	46.0	Petroleum Liquids	DFO	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	121	46.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	122	48.2	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	123	46.2	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	124	46.6	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	9	21.9	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	58544	Sierra Nevada Brewing Co	Industrial	Sierra Nevada Brewing Co	CA	58585	FCE	1.0	Other Natural Gas	NG	FC
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	1	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	2	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	3	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	4	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	5	585.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Picway	OH	2843	5	95.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Clinch River	VA	3775	3	230.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	5	90.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	6	235.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	3	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	4	145.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	1	58.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	2	55.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	3	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	5	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	6	63.0	Conventional Steam Coal	BIT	ST

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	6	3542	Duke Energy Ohio Inc	Electric Utility	Miami Fort	OH	2832	6	163.0	Conventional Steam Coal	BIT	ST
2015	6	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	6	414.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	4	500.0	Conventional Steam Coal	BIT	ST
2015	6	22053	Kentucky Power Co	Electric Utility	Big Sandy	KY	1353	1	260.0	Conventional Steam Coal	BIT	ST
2015	6	22053	Kentucky Power Co	Electric Utility	Big Sandy	KY	1353	2	800.0	Conventional Steam Coal	BIT	ST
2015	6	15147	PSEG Fossil LLC	IPP	Bergen Generating Station	NJ	2398	3	21.3	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	111	47.8	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	112	46.4	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	113	46.1	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	114	42.2	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	8	22.7	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	91	46.6	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	92	47.3	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	93	46.8	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	94	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	11	43.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	12	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	13	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	14	42.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	21	43.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	22	42.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	23	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	24	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	31	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	32	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	33	43.8	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	34	43.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	101	42.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	102	42.9	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	103	42.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	104	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	111	46.9	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	112	47.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	113	46.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	114	46.8	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Linden Generating Station	NJ	2406	3	21.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Mercer Generating Station	NJ	2408	3	115.7	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG National Park Generating Station	NJ	2409	1	21.1	Petroleum Liquids	KER	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Sewaren Generating Station	NJ	2411	6	107.6	Petroleum Liquids	KER	GT
2015	6	15478	PSEG Nuclear LLC	IPP	PSEG Salem Generating Station	NJ	2410	3	39.7	Petroleum Liquids	DFO	GT
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9	103.8	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	1	0.9	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	2	0.9	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	1	1.6	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	2	1.6	Conventional Hydroelectric	WAT	HY
2015	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	4	111.0	Conventional Steam Coal	BIT	ST
2015	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	6	111.0	Conventional Steam Coal	BIT	ST
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8	103.8	Conventional Hydroelectric	WAT	HY
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC1	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC2	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC3	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC4	2.0	Petroleum Liquids	DFO	IC
2015	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT1	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT2	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	7	23.2	Other Natural Gas	NG	ST
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	1	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	2	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	3	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	4	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	5	0.5	Other Waste Biomass	OBG	IC
2015	11	52	ACE Cogeneration Co	Electric CHP	ACE Cogeneration Facility	CA	10002	GEN1	101.2	Conventional Steam Coal	BIT	ST
2015	12	195	Alabama Power Co	Electric Utility	Holt Dam	AL	12	1	45.0	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	ALBA	0.3	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	ALBD	0.4	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	NONO	0.5	Conventional Hydroelectric	WAT	HY
2015	12	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN7	95.0	Natural Gas Fired Combined Cycle	NG	CT
2015	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	2	76.0	Other Natural Gas	NG	ST
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	3	445.0	Other Natural Gas	NG	ST
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	El Cajon	CA	301	ENCI	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA2	59.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA3	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Miramar	CA	305	MRGT	36.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN1	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN2	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN4	5.2	Other Natural Gas	NG	ST
2015	12	14795	Perdue Agribusiness	Industrial	Oilseed Plant	VA	10515	GEN1	1.6	Conventional Steam Coal	BIT	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	3	152.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	1	6.6	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	2	7.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	3	20.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	4	46.4	Conventional Steam Coal	BIT	ST
2015	12	57302	Sonoco Products Co	Industrial	Sonoco Products Co	SC	57919	2	2.5	Other Natural Gas	NG	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	3	176.0	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	4	176.0	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	10	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	5	107.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	6	107.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	7	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	8	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	9	141.0	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Edgewater	WI	4050	3	69.9	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Coal Refining Facility	WI	4054	1	107.4	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Coal Refining Facility	WI	4054	2	105.0	Conventional Steam Coal	SUB	ST
2016	1	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	9	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	1	170.0	Conventional Steam Coal	SUB	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	4	155.0	Conventional Steam Coal	BIT	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	5	168.0	Conventional Steam Coal	BIT	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	6	240.0	Conventional Steam Coal	BIT	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	1	370.0	Conventional Steam Coal	BIT	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	2	499.0	Conventional Steam Coal	BIT	ST
2016	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	1	100.0	Conventional Steam Coal	BIT	ST
2016	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	2	100.0	Conventional Steam Coal	BIT	ST

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	2	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	3	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	4	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	5	95.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	6	318.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	1	266.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	2	52.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	3	101.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	4	115.0	Other Natural Gas	NG	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	ST1	48.0	Conventional Steam Coal	BIT	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	1	134.3	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
2016	4	15474	Public Service Co of Oklahoma	Electric Utility	Northeastern	OK	2963	4	460.0	Conventional Steam Coal	SUB	ST
2016	4	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	2	528.0	Conventional Steam Coal	SUB	ST
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P1	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P2	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P2	25.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P3	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P4	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Rio Pinar	FL	637	P1	12.0	Petroleum Liquids	DFO	GT
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	2	39.0	Petroleum Liquids	DFO	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	3	40.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	4	56.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	5	62.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	6	99.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	IC1	3.0	Petroleum Liquids	DFO	IC
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	ST1	39.0	Petroleum Liquids	DFO	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	7	38.0	Conventional Steam Coal	SUB	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	ST
2016	6	15452	PSEG Power Connecticut LLC	IPP	Bridgeport Station	CT	568	4	16.0	Petroleum Liquids	KER	GT
2016	8	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	1	5.0	Conventional Steam Coal	BIT	ST
2016	8	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	2	5.0	Conventional Steam Coal	BIT	ST
2016	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2016	12	49756	Illinois Power Resources Generating LLC	Electric Utility	E D Edwards	IL	856	1	95.0	Conventional Steam Coal	SUB	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT1	14.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT2	13.7	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT3	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT4	14.8	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	24.4	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	25.1	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	3	30.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	4	35.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC1	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC2	1.6	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	12.7	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	76.6	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	25.9	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	20.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	2	0.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Lansing	IA	1047	IC1	1.2	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Lansing	IA	1047	IC2	1.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.3	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	78.7	Other Natural Gas	NG	ST
2017	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	47.7	Conventional Steam Coal	SUB	ST
2017	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	50.6	Conventional Steam Coal	SUB	ST
2017	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	1	159.0	Conventional Steam Coal	BIT	ST
2017	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	2	164.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	5	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	6	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	7	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	8	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	9	78.0	Conventional Steam Coal	SUB	ST
2017	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6	103.8	Conventional Hydroelectric	WAT	HY
2017	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT2	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	1	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	2	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	45	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	47	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	50	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	51	0.3	Other Natural Gas	NG	FC
2017	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	7	104.0	Conventional Steam Coal	BIT	ST
2017	12	463	Ameresco LFG I Inc	IPP	Al Turi	NY	10549	3010	0.8	Landfill Gas	LFG	IC
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	83.0	Natural Gas Fired Combined Cycle	NG	CA
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	2	104.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	3	110.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	4	300.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	5	330.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	ST1	106.0	Other Natural Gas	NG	ST
2017	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	4	255.0	Conventional Steam Coal	BIT	ST
2017	12	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3	103.8	Conventional Hydroelectric	WAT	HY
2017	12	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	2	340.0	Conventional Steam Coal	BIT	ST
2017	12	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	3	497.0	Conventional Steam Coal	BIT	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	1	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	2	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	3	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	4	107.0	Conventional Steam Coal	SUB	ST
2018	1	17891	City of St Marys - (OH)	Electric Utility	St Marys	OH	2942	7	12.0	Petroleum Liquids	DFO	GT
2018	1	15466	Public Service Co of Colorado	Electric Utility	Valmont	CO	477	5	184.0	Conventional Steam Coal	BIT	ST
2018	2	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	1	28.0	Petroleum Liquids	RFO	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	2	30.0	Petroleum Liquids	RFO	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	3	71.0	Petroleum Liquids	RFO	ST

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2018	9	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT2	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2018	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	3	107.0	Other Natural Gas	NG	ST
2018	12	17539	South Carolina Electric&Gas Company	Electric Utility	McMeekin	SC	3287	1	125.0	Conventional Steam Coal	BIT	ST
2018	12	17539	South Carolina Electric&Gas Company	Electric Utility	McMeekin	SC	3287	2	125.0	Conventional Steam Coal	BIT	ST
2019	1	17166	Sierra Pacific Power Co	Electric Utility	Gabbs	NV	6514	1	2.7	Petroleum Liquids	DFO	IC
2019	1	17166	Sierra Pacific Power Co	Electric Utility	Gabbs	NV	6514	2	2.7	Petroleum Liquids	DFO	IC
2019	5	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT3	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	1	138.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	2	137.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	1	64.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	2	66.0	Conventional Steam Coal	BIT	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	74.0	Other Natural Gas	NG	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	102.0	Other Natural Gas	NG	ST
2019	12	55951	Exelon Nuclear	IPP	Oyster Creek	NJ	2388	1	614.5	Nuclear	NUC	ST
2020	1	21622	The University of Texas at Dallas	Commercial	University of Texas at Dallas	TX	54607	GEN1	3.5	Other Natural Gas	NG	IC
2020	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	1	76.0	Other Natural Gas	NG	ST
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL00	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL01	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL02	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL03	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL04	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL05	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL06	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL07	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL08	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL09	0.1	Other Waste Biomass	OBG	FC
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	1	174.0	Other Natural Gas	NG	ST
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	2	177.0	Other Natural Gas	NG	ST
2020	12	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106	1	585.0	Conventional Steam Coal	SUB	ST
2020	12	19148	Veolia Energy Trenton L.P	Commercial	Veolia Energy Trenton L.P.	NJ	50094	7214	0.1	Other Natural Gas	NG	IC
2021	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	2	113.0	Other Natural Gas	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweatt	MS	2048	1	46.0	Other Natural Gas	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweatt	MS	2048	2	46.0	Other Natural Gas	NG	ST
2021	12	17166	Sierra Pacific Power Co	Electric Utility	North Valmy	NV	8224	1	254.0	Conventional Steam Coal	BIT	ST
2022	8	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	1	75.0	Other Natural Gas	NG	ST

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.
Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.
Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.7.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels, January 2008-April 2014

	Coal	Natural Gas				Petroleum		
Period		Natural Gas Fired Combined Cycle	Natural Gas Fired Combustion Turbine	Steam Turbine	Internal Combustion Engine	Steam Turbine	Petroleum Liquids Fired Combustion Turbine	Internal Combustion Engine
Annual Factors								
2008	73.4%	40.1%	5.2%	12.4%	4.8%	15.6%	1.5%	2.2%
2009	65.1%	39.8%	4.5%	11.2%	4.8%	14.5%	1.6%	2.3%
2010	67.9%	43.8%	5.2%	11.4%	4.8%	13.5%	1.9%	2.0%
2011	63.7%	43.6%	5.1%	12.4%	7.3%	12.0%	1.2%	2.2%
2012	56.7%	51.1%	6.0%	12.8%	5.5%	12.8%	1.2%	2.0%
2013	59.7%	46.5%	4.1%	10.7%	21.5%	11.7%	0.9%	6.7%
2012								
January	56.9%	48.4%	3.3%	6.2%	5.3%	9.8%	0.6%	2.2%
February	53.8%	51.7%	3.4%	6.9%	5.3%	8.7%	0.5%	1.8%
March	46.5%	46.5%	4.4%	9.6%	5.5%	11.0%	0.8%	2.0%
April	44.1%	46.2%	6.3%	15.3%	6.0%	13.5%	1.0%	2.1%
May	51.5%	51.0%	7.4%	15.2%	5.3%	14.4%	1.5%	2.0%
June	60.1%	57.7%	8.0%	18.0%	6.2%	14.9%	1.5%	1.9%
July	70.6%	64.5%	14.3%	22.3%	6.8%	19.5%	3.0%	2.2%
August	67.2%	63.5%	8.4%	22.5%	6.2%	16.8%	1.9%	2.1%
Sept	57.3%	55.6%	5.8%	13.1%	5.4%	13.7%	1.2%	2.3%
October	53.8%	45.8%	3.5%	9.9%	4.6%	11.9%	0.8%	2.1%
November	58.8%	40.1%	4.0%	8.9%	4.7%	10.6%	0.6%	1.9%
December	58.9%	41.9%	2.9%	6.1%	4.9%	8.6%	0.7%	2.1%
2013								
January	60.8%	44.8%	2.6%	7.2%	14.6%	10.0%	0.4%	5.7%
February	60.7%	45.0%	2.3%	6.6%	16.0%	9.6%	0.3%	4.6%
March	57.4%	42.3%	3.3%	6.7%	21.4%	9.7%	0.2%	5.3%
April	51.4%	38.4%	3.5%	7.6%	25.0%	10.7%	0.7%	8.3%
May	53.1%	39.7%	3.7%	9.7%	19.2%	12.4%	0.8%	5.6%
June	63.7%	49.3%	4.5%	15.1%	25.0%	14.5%	0.9%	5.0%
July	67.9%	56.8%	8.0%	18.6%	29.4%	17.7%	2.3%	8.7%
August	66.4%	58.3%	6.2%	18.0%	32.2%	13.9%	1.1%	9.6%
Sept	61.3%	51.0%	4.9%	14.2%	22.7%	13.3%	1.5%	6.7%
October	54.0%	43.2%	3.2%	8.7%	19.7%	11.6%	0.9%	7.3%
November	56.2%	43.2%	3.2%	7.3%	13.2%	6.8%	0.7%	6.7%
December	63.7%	46.1%	3.5%	8.5%	19.1%	9.8%	0.7%	6.6%
2014								
January	70.6%	45.7%	6.2%	9.4%	16.7%	19.0%	3.6%	7.0%
February	71.2%	41.2%	4.0%	8.6%	22.2%	12.2%	0.8%	6.0%
March	61.2%	38.5%	4.2%	6.8%	16.3%	13.7%	1.1%	5.5%
April	50.6%	39.2%	3.2%	6.8%	21.7%	9.5%	0.5%	4.7%

Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.

Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Table 6.7.B. Capacity Factors for Utility Scale Generators Not Primarily Using Fossil Fuels, January 2008-April 2014

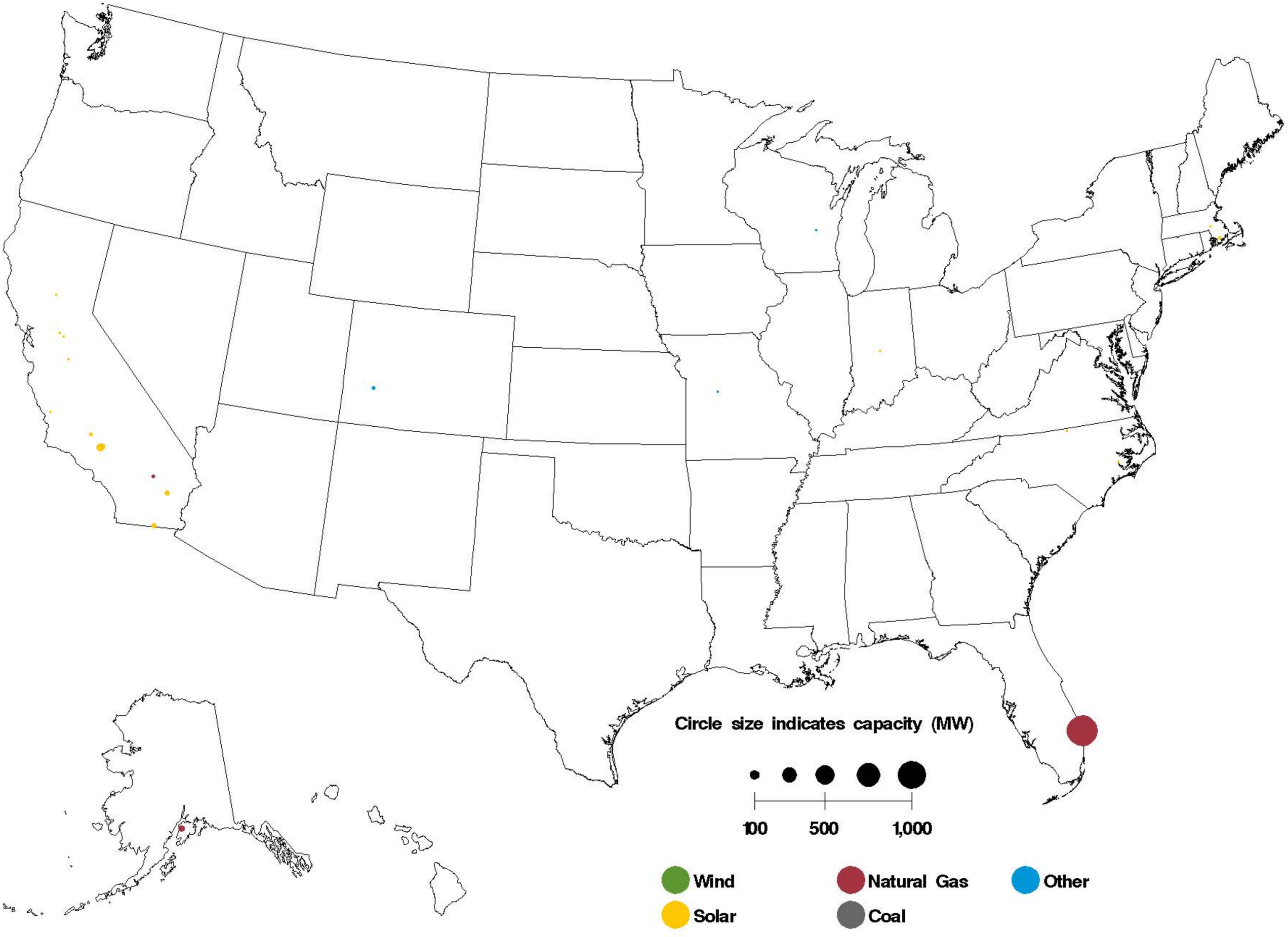
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2008	91.1%	37.2%	31.7%	22.5%	19.5%	69.9%	66.5%	74.7%
2009	90.3%	39.6%	28.1%	20.6%	23.6%	70.2%	62.1%	73.3%
2010	91.1%	37.6%	29.8%	20.3%	24.5%	70.8%	57.8%	71.9%
2011	89.1%	45.9%	32.1%	19.1%	23.9%	70.0%	56.3%	71.8%
2012	86.1%	39.6%	31.8%	20.3%	23.8%	68.0%	57.3%	68.2%
2013	90.1%	38.1%	32.3%	19.4%	17.8%	69.6%	50.8%	66.0%
2012								
January	95.8%	39.0%	39.0%	9.3%	2.5%	65.8%	60.1%	67.4%
February	90.3%	36.6%	33.5%	12.1%	15.1%	66.0%	60.1%	68.2%
March	81.7%	43.8%	39.0%	17.3%	24.2%	65.9%	55.1%	66.9%
April	76.4%	46.0%	36.5%	22.2%	31.1%	66.7%	47.5%	67.6%
May	82.1%	48.5%	34.5%	27.1%	32.3%	68.1%	51.7%	67.7%
June	89.0%	46.7%	33.6%	28.2%	43.7%	69.9%	59.8%	67.6%
July	91.3%	45.0%	23.6%	26.3%	39.8%	70.8%	61.6%	67.7%
August	91.8%	38.9%	22.4%	23.1%	35.2%	68.7%	63.2%	66.8%
Sept	88.0%	30.8%	23.8%	22.8%	34.0%	67.7%	59.4%	68.9%
October	78.8%	27.9%	32.6%	20.3%	16.2%	67.3%	54.1%	68.1%
November	77.3%	32.6%	30.0%	16.5%	7.6%	68.7%	57.1%	70.8%
December	90.5%	38.8%	34.1%	15.9%	3.5%	70.7%	57.7%	70.6%
2013								
January	94.2%	41.9%	33.2%	13.1%	2.8%	65.8%	53.1%	69.1%
February	90.5%	37.4%	34.9%	17.1%	12.2%	64.0%	51.8%	68.5%
March	83.6%	34.2%	35.5%	19.0%	18.2%	69.8%	52.2%	69.0%
April	77.7%	43.0%	40.4%	19.3%	22.3%	69.6%	34.4%	66.1%
May	83.4%	47.8%	36.9%	19.9%	23.0%	73.4%	46.9%	64.7%
June	93.2%	47.3%	32.3%	22.1%	30.3%	74.4%	48.9%	65.0%
July	95.8%	45.2%	25.3%	20.5%	27.3%	73.1%	53.1%	66.0%
August	96.9%	36.0%	21.8%	21.2%	30.1%	70.7%	61.0%	64.9%
Sept	92.3%	29.0%	27.5%	22.4%	25.8%	69.1%	54.2%	66.2%
October	85.8%	28.9%	31.2%	22.8%	16.7%	67.3%	48.9%	67.2%
November	91.2%	30.7%	37.1%	18.4%	9.0%	68.3%	52.8%	61.1%
December	96.7%	35.2%	31.6%	16.6%	6.3%	69.9%	51.5%	65.0%
2014								
January	99.2%	35.6%	40.1%	17.3%	5.4%	63.5%	55.1%	62.8%
February	94.1%	32.1%	34.3%	18.7%	8.2%	61.4%	53.7%	62.2%
March	84.6%	41.4%	39.4%	24.0%	16.0%	69.2%	50.5%	62.4%
April	79.0%	44.2%	43.0%	25.6%	21.9%	68.9%	37.9%	63.6%

Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.

Notes: Solar Thermal Capacity Factors include generation from plants using concentrated solar power energy storage.

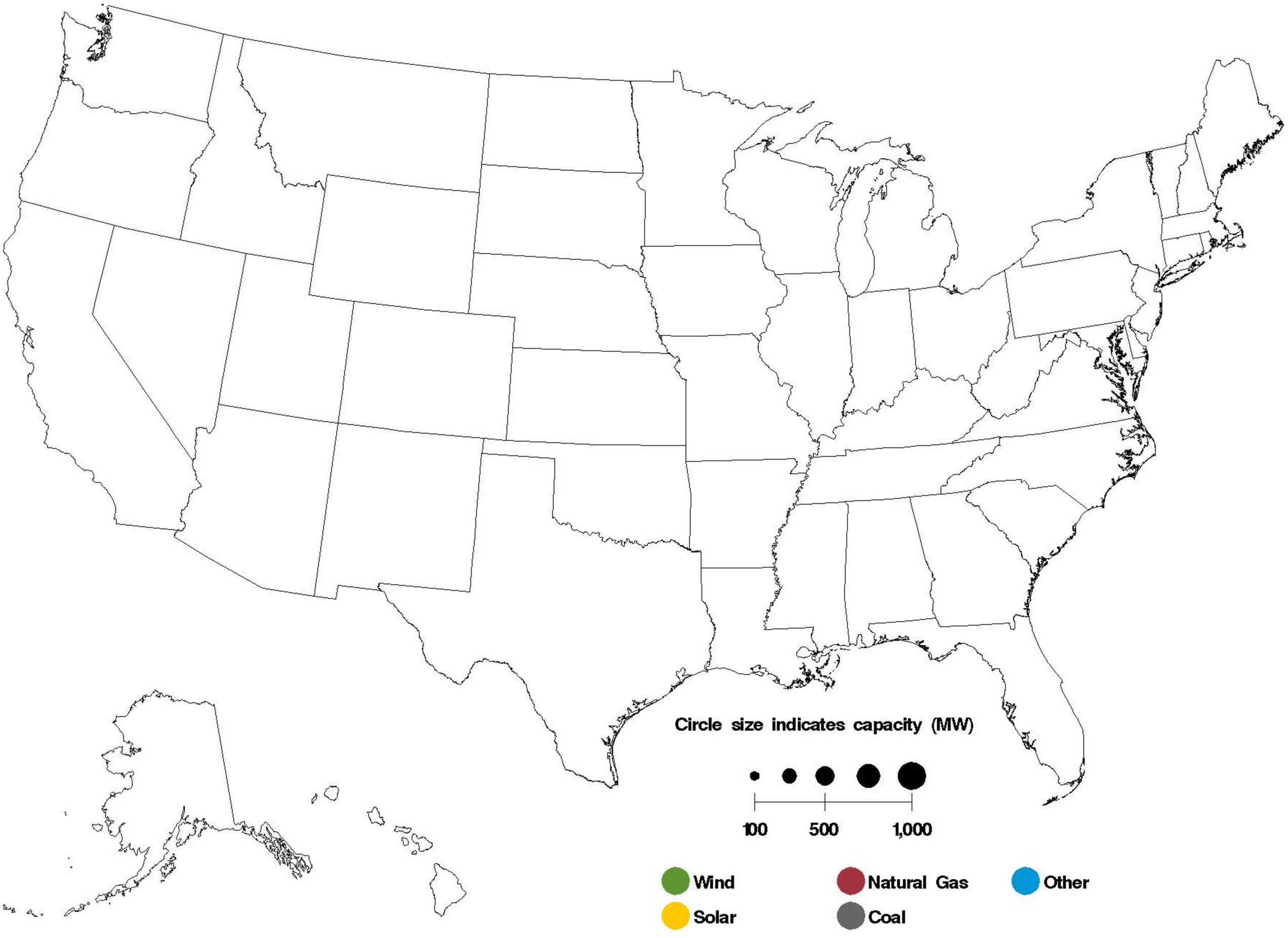
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.A. Utility Scale Generating Units Added in April 2014



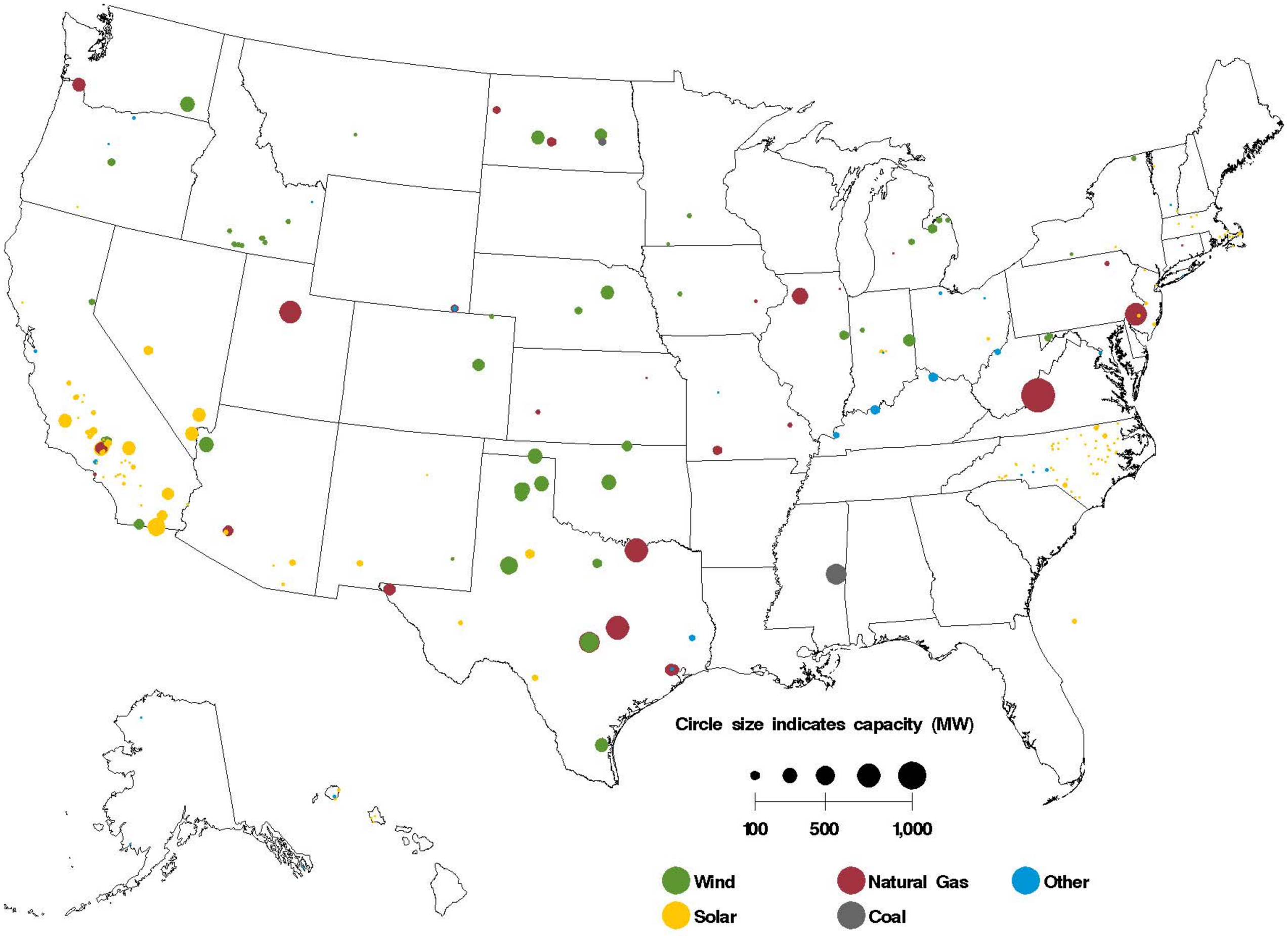
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.B. Utility Scale Generating Units Retired in April 2014



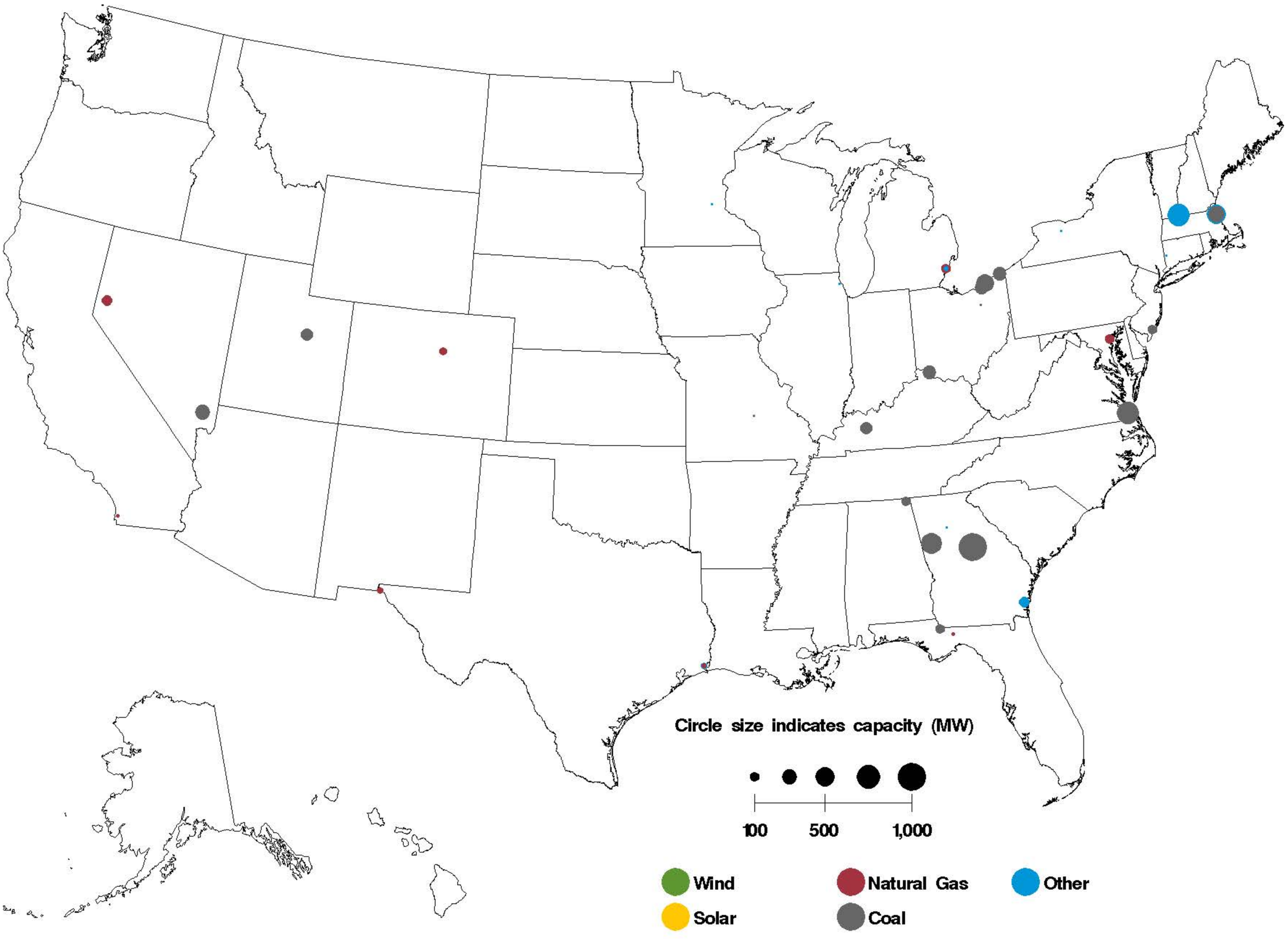
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from May 2014 to April 2015



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

Figure 6.1.D. Utility Scale Generating Units Planned to Retire from May 2014 to April 2015



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

Table A.1.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**6**	**21**	**0**	**1**	**0**	**0**	**10**
Connecticut	0	63	0	2	0	0	62
Maine	0	35	0	4	0	0	15
Massachusetts	8	30	0	3	0	0	29
New Hampshire	0	40	0	1	0	0	12
Rhode Island	0	146	0	1	0	0	527
Vermont	0	376	0	0	0	0	34
Middle Atlantic	**1**	**15**	**88**	**2**	**20**	**0**	**3**
New Jersey	0	66	148	3	73	0	226
New York	4	22	0	3	0	0	3
Pennsylvania	1	17	106	1	15	0	8
East North Central	**0**	**2**	**6**	**2**	**11**	**0**	**18**
Illinois	0	6	0	11	50	0	74
Indiana	1	3	0	5	12	0	47
Michigan	2	4	22	4	0	0	33
Ohio	1	1	8	1	32	0	40
Wisconsin	1	19	0	3	0	0	29
West North Central	**1**	**5**	**0**	**9**	**146**	**0**	**6**
Iowa	3	11	0	29	0	0	50
Kansas	0	7	0	22	0	0	297
Minnesota	4	15	0	13	0	0	54
Missouri	1	8	0	20	0	0	14
Nebraska	3	13	0	16	0	0	35
North Dakota	4	24	0	398	146	0	0
South Dakota	0	145	0	21	0	0	1
South Atlantic	**0**	**6**	**0**	**0**	**0**	**0**	**5**
Delaware	3	17	0	0	0	0	0
District of Columbia	0	0	0	114	0	0	0
Florida	1	6	0	1	0	0	89
Georgia	0	56	0	1	0	0	11
Maryland	0	11	0	13	0	0	3
North Carolina	1	40	0	1	0	0	11
South Carolina	0	9	0	2	0	0	14
Virginia	4	36	0	1	0	0	20
West Virginia	0	0	0	22	0	0	20
East South Central	**1**	**29**	**0**	**1**	**6**	**0**	**5**
Alabama	1	62	0	2	6	0	5
Kentucky	1	5	0	3	0	0	11
Mississippi	0	5	0	1	0	0	0
Tennessee	0	3	0	3	0	0	11
West South Central	**2**	**46**	**17**	**1**	**2**	**0**	**8**
Arkansas	0	0	0	1	0	0	10
Louisiana	0	0	18	1	4	0	0
Oklahoma	1	6	0	1	0	0	22
Texas	3	129	56	1	3	0	33
Mountain	**1**	**3**	**0**	**1**	**8**	**0**	**3**
Arizona	0	1	0	1	0	0	3
Colorado	0	91	0	2	0	0	19
Idaho	62	1,087	0	24	0	0	7
Montana	7	7	0	97	0	0	4
Nevada	0	1	0	1	0	0	3
New Mexico	0	3	0	5	0	0	73
Utah	4	11	0	6	245	0	41
Wyoming	2	16	0	34	8	0	13
Pacific Contiguous	**2**	**46**	**0**	**2**	**5**	**0**	**2**
California	9	52	0	2	5	0	8
Oregon	0	0	0	9	0	0	3
Washington	0	58	0	4	0	0	1
Pacific Noncontiguous	**4**	**2**	**0**	**7**	**67**	**0**	**24**
Alaska	13	4	0	7	388	0	25
Hawaii	3	2	0	0	67	0	132
U.S. Total	**0**	**2**	**5**	**0**	**5**	**0**	**1**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.1.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**27**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	130	6	0	9	1
Maine	0	0	0	0	5	0	21	5
Massachusetts	0	0	0	30	5	0	7	2
New Hampshire	0	0	0	0	11	0	47	3
Rhode Island	0	0	0	132	26	0	0	1
Vermont	0	0	0	80	10	0	0	6
Middle Atlantic	**0**	**0**	**0**	**13**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	15	7	0	8	1
New York	0	0	0	28	2	0	9	1
Pennsylvania	0	0	0	39	3	0	6	1
East North Central	**0**	**0**	**0**	**25**	**1**	**0**	**7**	**0**
Illinois	0	0	0	47	1	0	27	0
Indiana	0	0	0	38	1	0	3	1
Michigan	0	0	0	0	3	0	9	1
Ohio	0	0	0	42	5	0	0	1
Wisconsin	0	0	0	0	5	0	33	1
West North Central	**0**	**0**	**0**	**137**	**0**	**0**	**13**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	223	2	0	13	2
Missouri	0	0	0	174	2	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	0	0	54	3
South Dakota	0	0	0	0	0	0	0	1
South Atlantic	**0**	**0**	**0**	**11**	**3**	**0**	**3**	**0**
Delaware	0	0	0	48	29	0	0	1
District of Columbia	0	0	0	0	0	0	0	114
Florida	0	0	0	14	5	0	4	0
Georgia	0	0	0	29	7	0	2	1
Maryland	0	0	0	33	5	0	0	1
North Carolina	0	0	0	18	9	0	35	1
South Carolina	0	0	0	184	2	0	0	1
Virginia	0	0	0	0	8	0	6	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**72**	**7**	**0**	**0**	**1**
Alabama	0	0	0	0	11	0	0	1
Kentucky	0	0	0	0	9	0	0	1
Mississippi	0	0	0	0	8	0	0	1
Tennessee	0	0	0	72	19	0	0	1
West South Central	**0**	**0**	**0**	**23**	**1**	**0**	**15**	**1**
Arkansas	0	0	0	0	7	0	0	1
Louisiana	0	0	0	0	13	0	16	1
Oklahoma	0	0	0	0	1	0	93	1
Texas	0	0	0	23	1	0	23	1
Mountain	**0**	**3**	**0**	**3**	**1**	**0**	**8**	**1**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	20	1	0	54	1
Idaho	0	14	0	0	3	0	0	6
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	8	3	0	92	1
New Mexico	0	175	0	16	3	0	0	1
Utah	0	3	0	255	3	0	5	3
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**1**	**0**	**2**	**1**	**0**	**9**	**1**
California	0	1	0	2	1	0	9	1
Oregon	0	0	0	85	2	0	58	2
Washington	0	0	0	0	2	0	24	1
Pacific Noncontiguous	**0**	**0**	**0**	**64**	**5**	**0**	**0**	**3**
Alaska	0	0	0	0	30	0	0	8
Hawaii	0	0	0	64	4	0	0	2
U.S. Total	**0**	**1**	**0**	**3**	**1**	**0**	**3**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, Year-to-Date through April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**6**	**21**	**0**	**1**	**0**	**0**	**10**
Connecticut	0	63	0	2	0	0	62
Maine	0	35	0	4	0	0	15
Massachusetts	8	30	0	3	0	0	29
New Hampshire	0	40	0	1	0	0	12
Rhode Island	0	146	0	1	0	0	527
Vermont	0	376	0	0	0	0	34
Middle Atlantic	**1**	**15**	**88**	**2**	**20**	**0**	**3**
New Jersey	0	66	148	3	73	0	226
New York	4	22	0	3	0	0	3
Pennsylvania	1	17	106	1	15	0	8
East North Central	**0**	**2**	**6**	**2**	**11**	**0**	**18**
Illinois	0	6	0	11	50	0	74
Indiana	1	3	0	5	12	0	47
Michigan	2	4	22	4	0	0	33
Ohio	1	1	8	1	32	0	40
Wisconsin	1	19	0	3	0	0	29
West North Central	**1**	**5**	**0**	**9**	**146**	**0**	**6**
Iowa	3	11	0	29	0	0	50
Kansas	0	7	0	22	0	0	297
Minnesota	4	15	0	13	0	0	54
Missouri	1	8	0	20	0	0	14
Nebraska	3	13	0	16	0	0	35
North Dakota	4	24	0	398	146	0	0
South Dakota	0	145	0	21	0	0	1
South Atlantic	**0**	**6**	**0**	**0**	**0**	**0**	**5**
Delaware	3	17	0	0	0	0	0
District of Columbia	0	0	0	114	0	0	0
Florida	1	6	0	1	0	0	89
Georgia	0	56	0	1	0	0	11
Maryland	0	11	0	13	0	0	3
North Carolina	1	40	0	1	0	0	11
South Carolina	0	9	0	2	0	0	14
Virginia	4	36	0	1	0	0	20
West Virginia	0	0	0	22	0	0	20
East South Central	**1**	**29**	**0**	**1**	**6**	**0**	**5**
Alabama	1	62	0	2	6	0	5
Kentucky	1	5	0	3	0	0	11
Mississippi	0	5	0	1	0	0	0
Tennessee	0	3	0	3	0	0	11
West South Central	**2**	**46**	**17**	**1**	**2**	**0**	**8**
Arkansas	0	0	0	1	0	0	10
Louisiana	0	0	18	1	4	0	0
Oklahoma	1	6	0	1	0	0	22
Texas	3	129	56	1	3	0	33
Mountain	**1**	**3**	**0**	**1**	**8**	**0**	**3**
Arizona	0	1	0	1	0	0	3
Colorado	0	91	0	2	0	0	19
Idaho	62	1,087	0	24	0	0	7
Montana	7	7	0	97	0	0	4
Nevada	0	1	0	1	0	0	3
New Mexico	0	3	0	5	0	0	73
Utah	4	11	0	6	245	0	41
Wyoming	2	16	0	34	8	0	13
Pacific Contiguous	**2**	**46**	**0**	**2**	**5**	**0**	**2**
California	9	52	0	2	5	0	8
Oregon	0	0	0	9	0	0	3
Washington	0	58	0	4	0	0	1
Pacific Noncontiguous	**4**	**2**	**0**	**7**	**67**	**0**	**24**
Alaska	13	4	0	7	388	0	25
Hawaii	3	2	0	0	67	0	132
U.S. Total	**0**	**2**	**5**	**0**	**5**	**0**	**1**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, Year-to-Date through April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**27**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	130	6	0	9	1
Maine	0	0	0	0	5	0	21	5
Massachusetts	0	0	0	30	5	0	7	2
New Hampshire	0	0	0	0	11	0	47	3
Rhode Island	0	0	0	132	26	0	0	1
Vermont	0	0	0	80	10	0	0	6
Middle Atlantic	**0**	**0**	**0**	**13**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	15	7	0	8	1
New York	0	0	0	28	2	0	9	1
Pennsylvania	0	0	0	39	3	0	6	1
East North Central	**0**	**0**	**0**	**25**	**1**	**0**	**7**	**0**
Illinois	0	0	0	47	1	0	27	0
Indiana	0	0	0	38	1	0	3	1
Michigan	0	0	0	0	3	0	9	1
Ohio	0	0	0	42	5	0	0	1
Wisconsin	0	0	0	0	5	0	33	1
West North Central	**0**	**0**	**0**	**137**	**0**	**0**	**13**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	223	2	0	13	2
Missouri	0	0	0	174	2	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	0	0	54	3
South Dakota	0	0	0	0	0	0	0	1
South Atlantic	**0**	**0**	**0**	**11**	**3**	**0**	**3**	**0**
Delaware	0	0	0	48	29	0	0	1
District of Columbia	0	0	0	0	0	0	0	114
Florida	0	0	0	14	5	0	4	0
Georgia	0	0	0	29	7	0	2	1
Maryland	0	0	0	33	5	0	0	1
North Carolina	0	0	0	18	9	0	35	1
South Carolina	0	0	0	184	2	0	0	1
Virginia	0	0	0	0	8	0	6	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**72**	**7**	**0**	**0**	**1**
Alabama	0	0	0	0	11	0	0	1
Kentucky	0	0	0	0	9	0	0	1
Mississippi	0	0	0	0	8	0	0	1
Tennessee	0	0	0	72	19	0	0	1
West South Central	**0**	**0**	**0**	**23**	**1**	**0**	**15**	**1**
Arkansas	0	0	0	0	7	0	0	1
Louisiana	0	0	0	0	13	0	16	1
Oklahoma	0	0	0	0	1	0	93	1
Texas	0	0	0	23	1	0	23	1
Mountain	**0**	**3**	**0**	**3**	**1**	**0**	**8**	**1**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	20	1	0	54	1
Idaho	0	14	0	0	3	0	0	6
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	8	3	0	92	1
New Mexico	0	175	0	16	3	0	0	1
Utah	0	3	0	255	3	0	5	3
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**1**	**0**	**2**	**1**	**0**	**9**	**1**
California	0	1	0	2	1	0	9	1
Oregon	0	0	0	85	2	0	58	2
Washington	0	0	0	0	2	0	24	1
Pacific Noncontiguous	**0**	**0**	**0**	**64**	**5**	**0**	**0**	**3**
Alaska	0	0	0	0	30	0	0	8
Hawaii	0	0	0	64	4	0	0	2
U.S. Total	**0**	**1**	**0**	**3**	**1**	**0**	**3**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Electric Utilities by Census Division and State, April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**38**	**0**	**0**	**0**	**0**	**30**
Connecticut	0	77	0	0	0	0	214
Maine	0	332	0	0	0	0	0
Massachusetts	0	195	0	0	0	0	72
New Hampshire	0	19	0	0	0	0	25
Rhode Island	0	0	0	0	0	0	0
Vermont	0	661	0	0	0	0	54
Middle Atlantic	**345**	**21**	**0**	**13**	**0**	**0**	**2**
New Jersey	0	1,117	0	0	0	0	0
New York	345	21	0	13	0	0	2
Pennsylvania	0	301	0	0	0	0	5
East North Central	**1**	**2**	**0**	**1**	**0**	**0**	**20**
Illinois	0	30	0	58	0	0	166
Indiana	1	2	0	5	0	0	47
Michigan	2	5	0	3	0	0	35
Ohio	1	1	0	1	0	0	40
Wisconsin	1	16	0	2	0	0	31
West North Central	**1**	**4**	**0**	**9**	**0**	**0**	**6**
Iowa	3	11	0	17	0	0	50
Kansas	0	7	0	22	0	0	0
Minnesota	4	13	0	8	0	0	83
Missouri	1	8	0	27	0	0	14
Nebraska	3	13	0	0	0	0	35
North Dakota	4	20	0	918	0	0	0
South Dakota	0	197	0	21	0	0	1
South Atlantic	**0**	**1**	**0**	**0**	**0**	**0**	**7**
Delaware	0	0	0	0	0	0	0
Florida	1	1	0	0	0	0	89
Georgia	0	4	0	0	0	0	11
Maryland	0	70	0	0	0	0	0
North Carolina	0	3	0	1	0	0	11
South Carolina	0	11	0	0	0	0	14
Virginia	0	4	0	0	0	0	20
West Virginia	0	0	0	0	0	0	57
East South Central	**1**	**1**	**0**	**2**	**0**	**0**	**5**
Alabama	1	0	0	5	0	0	5
Kentucky	1	5	0	0	0	0	11
Mississippi	0	5	0	0	0	0	0
Tennessee	0	0	0	0	0	0	12
West South Central	**2**	**33**	**0**	**1**	**0**	**0**	**10**
Arkansas	0	0	0	8	0	0	10
Louisiana	0	1	0	1	0	0	0
Oklahoma	0	6	0	1	0	0	22
Texas	4	274	0	2	0	0	33
Mountain	**1**	**3**	**0**	**1**	**0**	**0**	**3**
Arizona	0	1	0	1	0	0	3
Colorado	0	91	0	4	0	0	18
Idaho	0	1,087	0	0	0	0	7
Montana	167	12,788	0	101	0	0	4
Nevada	0	1	0	0	0	0	1
New Mexico	0	2	0	8	0	0	73
Utah	4	8	0	2	0	0	41
Wyoming	2	7	0	175	0	0	12
Pacific Contiguous	**0**	**10**	**0**	**3**	**0**	**0**	**1**
California	0	3	0	3	0	0	7
Oregon	0	0	0	60	0	0	3
Washington	0	298	0	6	0	0	1
Pacific Noncontiguous	**0**	**2**	**0**	**6**	**0**	**0**	**25**
Alaska	0	4	0	6	0	0	25
Hawaii	0	2	0	0	0	0	263
U.S. Total	**0**	**1**	**0**	**0**	**0**	**0**	**1**

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Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Electric Utilities by Census Division and State, April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**88**	**5**	**0**	**0**	**13**
Connecticut	0	0	0	0	0	0	0	198
Maine	0	0	0	0	0	0	0	332
Massachusetts	0	0	0	88	32	0	0	32
New Hampshire	0	0	0	0	0	0	0	8
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	29
Middle Atlantic	**0**	**0**	**0**	**42**	**42**	**0**	**0**	**4**
New Jersey	0	0	0	42	42	0	0	6
New York	0	0	0	0	0	0	0	4
Pennsylvania	0	0	0	0	0	0	0	5
East North Central	**0**	**0**	**0**	**109**	**2**	**0**	**0**	**1**
Illinois	0	0	0	0	68	0	0	1
Indiana	0	0	0	0	15	0	0	1
Michigan	0	0	0	0	3	0	0	1
Ohio	0	0	0	109	56	0	0	1
Wisconsin	0	0	0	0	1	0	0	2
West North Central	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	2	0	0	2
Missouri	0	0	0	0	37	0	0	1
Nebraska	0	0	0	0	8	0	0	2
North Dakota	0	0	0	0	1	0	54	3
South Dakota	0	0	0	0	1	0	0	1
South Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**0**	**0**
Delaware	0	0	0	146	146	0	0	146
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	124	124	0	0	92
North Carolina	0	0	0	113	113	0	0	1
South Carolina	0	0	0	0	5	0	0	0
Virginia	0	0	0	0	0	0	0	1
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**0**	**24**	**0**	**0**	**1**
Alabama	0	0	0	0	225	0	0	1
Kentucky	0	0	0	0	24	0	0	1
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	2	0	0	2
Mountain	**0**	**0**	**0**	**16**	**2**	**0**	**92**	**1**
Arizona	0	0	0	17	16	0	0	0
Colorado	0	0	0	0	7	0	0	1
Idaho	0	0	0	0	0	0	0	7
Montana	0	0	0	0	0	0	0	5
Nevada	0	0	0	0	0	0	92	0
New Mexico	0	0	0	36	36	0	0	2
Utah	0	0	0	0	0	0	0	3
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**19**	**2**	**0**	**0**	**1**
California	0	0	0	19	5	0	0	2
Oregon	0	0	0	151	1	0	0	3
Washington	0	0	0	0	0	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**33**	**0**	**0**	**5**
Alaska	0	0	0	0	36	0	0	9
Hawaii	0	0	0	0	0	0	0	3
U.S. Total	**0**	**0**	**0**	**10**	**1**	**0**	**7**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.2.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Electric Utilities by Census Division and State, Year-to-Date through April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**38**	**0**	**0**	**0**	**0**	**30**
Connecticut	0	77	0	0	0	0	214
Maine	0	332	0	0	0	0	0
Massachusetts	0	195	0	0	0	0	72
New Hampshire	0	19	0	0	0	0	25
Rhode Island	0	0	0	0	0	0	0
Vermont	0	661	0	0	0	0	54
Middle Atlantic	**345**	**21**	**0**	**13**	**0**	**0**	**2**
New Jersey	0	1,117	0	0	0	0	0
New York	345	21	0	13	0	0	2
Pennsylvania	0	301	0	0	0	0	5
East North Central	**1**	**2**	**0**	**1**	**0**	**0**	**20**
Illinois	0	30	0	58	0	0	166
Indiana	1	2	0	5	0	0	47
Michigan	2	5	0	3	0	0	35
Ohio	1	1	0	1	0	0	40
Wisconsin	1	16	0	2	0	0	31
West North Central	**1**	**4**	**0**	**9**	**0**	**0**	**6**
Iowa	3	11	0	17	0	0	50
Kansas	0	7	0	22	0	0	0
Minnesota	4	13	0	8	0	0	83
Missouri	1	8	0	27	0	0	14
Nebraska	3	13	0	0	0	0	35
North Dakota	4	20	0	918	0	0	0
South Dakota	0	197	0	21	0	0	1
South Atlantic	**0**	**1**	**0**	**0**	**0**	**0**	**7**
Delaware	0	0	0	0	0	0	0
Florida	1	1	0	0	0	0	89
Georgia	0	4	0	0	0	0	11
Maryland	0	70	0	0	0	0	0
North Carolina	0	3	0	1	0	0	11
South Carolina	0	11	0	0	0	0	14
Virginia	0	4	0	0	0	0	20
West Virginia	0	0	0	0	0	0	57
East South Central	**1**	**1**	**0**	**2**	**0**	**0**	**5**
Alabama	1	0	0	5	0	0	5
Kentucky	1	5	0	0	0	0	11
Mississippi	0	5	0	0	0	0	0
Tennessee	0	0	0	0	0	0	12
West South Central	**2**	**33**	**0**	**1**	**0**	**0**	**10**
Arkansas	0	0	0	8	0	0	10
Louisiana	0	1	0	1	0	0	0
Oklahoma	0	6	0	1	0	0	22
Texas	4	274	0	2	0	0	33
Mountain	**1**	**3**	**0**	**1**	**0**	**0**	**3**
Arizona	0	1	0	1	0	0	3
Colorado	0	91	0	4	0	0	18
Idaho	0	1,087	0	0	0	0	7
Montana	167	12,788	0	101	0	0	4
Nevada	0	1	0	0	0	0	1
New Mexico	0	2	0	8	0	0	73
Utah	4	8	0	2	0	0	41
Wyoming	2	7	0	175	0	0	12
Pacific Contiguous	**0**	**10**	**0**	**3**	**0**	**0**	**1**
California	0	3	0	3	0	0	7
Oregon	0	0	0	60	0	0	3
Washington	0	298	0	6	0	0	1
Pacific Noncontiguous	**0**	**2**	**0**	**6**	**0**	**0**	**25**
Alaska	0	4	0	6	0	0	25
Hawaii	0	2	0	0	0	0	263
U.S. Total	**0**	**1**	**0**	**0**	**0**	**0**	**1**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.2.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Electric Utilities by Census Division and State, Year-to-Date through April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**88**	**5**	**0**	**0**	**13**
Connecticut	0	0	0	0	0	0	0	198
Maine	0	0	0	0	0	0	0	332
Massachusetts	0	0	0	88	32	0	0	32
New Hampshire	0	0	0	0	0	0	0	8
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	29
Middle Atlantic	**0**	**0**	**0**	**42**	**42**	**0**	**0**	**4**
New Jersey	0	0	0	42	42	0	0	6
New York	0	0	0	0	0	0	0	4
Pennsylvania	0	0	0	0	0	0	0	5
East North Central	**0**	**0**	**0**	**109**	**2**	**0**	**0**	**1**
Illinois	0	0	0	0	68	0	0	1
Indiana	0	0	0	0	15	0	0	1
Michigan	0	0	0	0	3	0	0	1
Ohio	0	0	0	109	56	0	0	1
Wisconsin	0	0	0	0	1	0	0	2
West North Central	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	2	0	0	2
Missouri	0	0	0	0	37	0	0	1
Nebraska	0	0	0	0	8	0	0	2
North Dakota	0	0	0	0	1	0	54	3
South Dakota	0	0	0	0	1	0	0	1
South Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**0**	**0**
Delaware	0	0	0	146	146	0	0	146
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	124	124	0	0	92
North Carolina	0	0	0	113	113	0	0	1
South Carolina	0	0	0	0	5	0	0	0
Virginia	0	0	0	0	0	0	0	1
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**0**	**24**	**0**	**0**	**1**
Alabama	0	0	0	0	225	0	0	1
Kentucky	0	0	0	0	24	0	0	1
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	2	0	0	2
Mountain	**0**	**0**	**0**	**16**	**2**	**0**	**92**	**1**
Arizona	0	0	0	17	16	0	0	0
Colorado	0	0	0	0	7	0	0	1
Idaho	0	0	0	0	0	0	0	7
Montana	0	0	0	0	0	0	0	5
Nevada	0	0	0	0	0	0	92	0
New Mexico	0	0	0	36	36	0	0	2
Utah	0	0	0	0	0	0	0	3
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**19**	**2**	**0**	**0**	**1**
California	0	0	0	19	5	0	0	2
Oregon	0	0	0	151	1	0	0	3
Washington	0	0	0	0	0	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**33**	**0**	**0**	**5**
Alaska	0	0	0	0	36	0	0	9
Hawaii	0	0	0	0	0	0	0	3
U.S. Total	**0**	**0**	**0**	**10**	**1**	**0**	**7**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.3.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**7**	**44**	**0**	**1**	**0**	**0**	**11**
Connecticut	0	71	0	1	0	0	64
Maine	0	21	0	0	0	0	16
Massachusetts	8	73	0	3	0	0	31
New Hampshire	0	55	0	0	0	0	14
Rhode Island	0	0	0	0	0	0	527
Vermont	0	0	0	0	0	0	44
Middle Atlantic	**1**	**20**	**0**	**1**	**0**	**0**	**13**
New Jersey	0	56	0	3	0	0	226
New York	1	60	0	2	0	0	17
Pennsylvania	1	17	0	1	0	0	15
East North Central	**0**	**3**	**0**	**2**	**16**	**0**	**59**
Illinois	0	0	0	13	0	0	65
Indiana	0	151,335	0	9	0	0	0
Michigan	42	0	0	5	0	0	92
Ohio	0	5	0	1	49	0	0
Wisconsin	0	352	0	0	0	0	151
West North Central	**0**	**85**	**0**	**14**	**0**	**0**	**87**
Iowa	0	112	0	0	0	0	547
Kansas	0	0	0	0	0	0	297
Minnesota	0	186	0	26	0	0	92
Missouri	0	0	0	13	0	0	0
South Dakota	0	184	0	0	0	0	0
South Atlantic	**1**	**21**	**0**	**2**	**0**	**0**	**6**
Delaware	3	17	0	0	0	0	0
Florida	0	119	0	7	0	0	0
Georgia	0	496	0	2	0	0	328
Maryland	0	7	0	12	0	0	3
North Carolina	19	538	0	0	0	0	186
South Carolina	0	0	0	17	0	0	147
Virginia	32	7	0	0	0	0	143
West Virginia	0	0	0	0	0	0	22
East South Central	**0**	**155**	**0**	**0**	**0**	**0**	**423**
Alabama	0	155	0	0	0	0	0
Kentucky	0	0	0	0	0	0	423
Mississippi	0	0	0	1	0	0	0
West South Central	**3**	**81**	**0**	**0**	**0**	**0**	**8**
Arkansas	0	0	0	0	0	0	169
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	4	143	0	1	0	0	196
Mountain	**8**	**17**	**0**	**2**	**0**	**0**	**12**
Arizona	0	0	0	0	0	0	0
Colorado	62	0	0	2	0	0	86
Idaho	0	0	0	23	0	0	31
Montana	7	6	0	315	0	0	12
Nevada	0	0	0	4	0	0	174
New Mexico	0	2,891	0	2	0	0	0
Utah	155	585	0	103	0	0	421
Wyoming	103	0	0	382	0	0	376
Pacific Contiguous	**3**	**28**	**0**	**1**	**0**	**0**	**33**
California	12	0	0	1	0	0	50
Oregon	0	0	0	0	0	0	65
Washington	0	43	0	0	0	0	60
Pacific Noncontiguous	**4**	**5**	**0**	**0**	**0**	**0**	**0**
Alaska	38	0	0	0	0	0	0
Hawaii	0	5	0	0	0	0	0
U.S. Total	**1**	**6**	**0**	**0**	**5**	**0**	**6**

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Table A.3.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**28**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	130	6	0	9	1
Maine	0	0	0	0	1	0	21	6
Massachusetts	0	0	0	31	7	0	7	2
New Hampshire	0	0	0	0	12	0	47	3
Rhode Island	0	0	0	132	26	0	0	1
Vermont	0	0	0	80	24	0	0	6
Middle Atlantic	**0**	**0**	**0**	**15**	**1**	**0**	**5**	**1**
New Jersey	0	0	0	18	8	0	12	1
New York	0	0	0	28	2	0	7	1
Pennsylvania	0	0	0	43	2	0	7	1
East North Central	**0**	**0**	**0**	**25**	**1**	**0**	**23**	**0**
Illinois	0	0	0	47	1	0	0	0
Indiana	0	0	0	38	1	0	0	1
Michigan	0	0	0	0	3	0	23	2
Ohio	0	0	0	46	4	0	0	0
Wisconsin	0	0	0	0	7	0	0	1
West North Central	**0**	**0**	**0**	**137**	**0**	**0**	**32**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	223	2	0	32	3
Missouri	0	0	0	174	1	0	0	3
Nebraska	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**14**	**3**	**0**	**5**	**1**
Delaware	0	0	0	51	30	0	0	1
Florida	0	0	0	42	3	0	6	4
Georgia	0	0	0	29	13	0	0	2
Maryland	0	0	0	34	4	0	0	0
North Carolina	0	0	0	19	11	0	35	4
South Carolina	0	0	0	184	61	0	0	17
Virginia	0	0	0	0	5	0	0	4
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**78**	**9**	**0**	**0**	**0**
Alabama	0	0	0	0	4	0	0	0
Kentucky	0	0	0	0	0	0	0	45
Mississippi	0	0	0	0	0	0	0	1
Tennessee	0	0	0	78	23	0	0	23
West South Central	**0**	**0**	**0**	**23**	**0**	**0**	**0**	**1**
Arkansas	0	0	0	0	29	0	0	1
Louisiana	0	0	0	0	29	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	23	1	0	0	1
Mountain	**0**	**3**	**0**	**3**	**1**	**0**	**9**	**2**
Arizona	0	0	0	3	3	0	0	1
Colorado	0	0	0	20	1	0	100	2
Idaho	0	14	0	0	4	0	0	7
Montana	0	0	0	0	3	0	0	5
Nevada	0	4	0	8	3	0	0	2
New Mexico	0	175	0	18	3	0	0	2
Utah	0	5	0	255	4	0	197	37
Wyoming	0	0	0	0	2	0	0	17
Pacific Contiguous	**0**	**1**	**0**	**2**	**1**	**0**	**17**	**1**
California	0	1	0	2	1	0	15	1
Oregon	0	0	0	102	1	0	58	2
Washington	0	0	0	0	1	0	44	2
Pacific Noncontiguous	**0**	**0**	**0**	**64**	**5**	**0**	**0**	**3**
Alaska	0	0	0	0	51	0	0	31
Hawaii	0	0	0	64	5	0	0	2
U.S. Total	**0**	**1**	**0**	**2**	**0**	**0**	**3**	**0**

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Table A.3.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, Year-to-Date through April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**7**	**44**	**0**	**1**	**0**	**0**	**11**
Connecticut	0	71	0	1	0	0	64
Maine	0	21	0	0	0	0	16
Massachusetts	8	73	0	3	0	0	31
New Hampshire	0	55	0	0	0	0	14
Rhode Island	0	0	0	0	0	0	527
Vermont	0	0	0	0	0	0	44
Middle Atlantic	**1**	**20**	**0**	**1**	**0**	**0**	**13**
New Jersey	0	56	0	3	0	0	226
New York	1	60	0	2	0	0	17
Pennsylvania	1	17	0	1	0	0	15
East North Central	**0**	**3**	**0**	**2**	**16**	**0**	**59**
Illinois	0	0	0	13	0	0	65
Indiana	0	151,335	0	9	0	0	0
Michigan	42	0	0	5	0	0	92
Ohio	0	5	0	1	49	0	0
Wisconsin	0	352	0	0	0	0	151
West North Central	**0**	**85**	**0**	**14**	**0**	**0**	**87**
Iowa	0	112	0	0	0	0	547
Kansas	0	0	0	0	0	0	297
Minnesota	0	186	0	26	0	0	92
Missouri	0	0	0	13	0	0	0
South Dakota	0	184	0	0	0	0	0
South Atlantic	**1**	**21**	**0**	**2**	**0**	**0**	**6**
Delaware	3	17	0	0	0	0	0
Florida	0	119	0	7	0	0	0
Georgia	0	496	0	2	0	0	328
Maryland	0	7	0	12	0	0	3
North Carolina	19	538	0	0	0	0	186
South Carolina	0	0	0	17	0	0	147
Virginia	32	7	0	0	0	0	143
West Virginia	0	0	0	0	0	0	22
East South Central	**0**	**155**	**0**	**0**	**0**	**0**	**423**
Alabama	0	155	0	0	0	0	0
Kentucky	0	0	0	0	0	0	423
Mississippi	0	0	0	1	0	0	0
West South Central	**3**	**81**	**0**	**0**	**0**	**0**	**8**
Arkansas	0	0	0	0	0	0	169
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	4	143	0	1	0	0	196
Mountain	**8**	**17**	**0**	**2**	**0**	**0**	**12**
Arizona	0	0	0	0	0	0	0
Colorado	62	0	0	2	0	0	86
Idaho	0	0	0	23	0	0	31
Montana	7	6	0	315	0	0	12
Nevada	0	0	0	4	0	0	174
New Mexico	0	2,891	0	2	0	0	0
Utah	155	585	0	103	0	0	421
Wyoming	103	0	0	382	0	0	376
Pacific Contiguous	**3**	**28**	**0**	**1**	**0**	**0**	**33**
California	12	0	0	1	0	0	50
Oregon	0	0	0	0	0	0	65
Washington	0	43	0	0	0	0	60
Pacific Noncontiguous	**4**	**5**	**0**	**0**	**0**	**0**	**0**
Alaska	38	0	0	0	0	0	0
Hawaii	0	5	0	0	0	0	0
U.S. Total	**1**	**6**	**0**	**0**	**5**	**0**	**6**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.3.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, Year-to-Date through April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**28**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	130	6	0	9	1
Maine	0	0	0	0	1	0	21	6
Massachusetts	0	0	0	31	7	0	7	2
New Hampshire	0	0	0	0	12	0	47	3
Rhode Island	0	0	0	132	26	0	0	1
Vermont	0	0	0	80	24	0	0	6
Middle Atlantic	**0**	**0**	**0**	**15**	**1**	**0**	**5**	**1**
New Jersey	0	0	0	18	8	0	12	1
New York	0	0	0	28	2	0	7	1
Pennsylvania	0	0	0	43	2	0	7	1
East North Central	**0**	**0**	**0**	**25**	**1**	**0**	**23**	**0**
Illinois	0	0	0	47	1	0	0	0
Indiana	0	0	0	38	1	0	0	1
Michigan	0	0	0	0	3	0	23	2
Ohio	0	0	0	46	4	0	0	0
Wisconsin	0	0	0	0	7	0	0	1
West North Central	**0**	**0**	**0**	**137**	**0**	**0**	**32**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	223	2	0	32	3
Missouri	0	0	0	174	1	0	0	3
Nebraska	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**14**	**3**	**0**	**5**	**1**
Delaware	0	0	0	51	30	0	0	1
Florida	0	0	0	42	3	0	6	4
Georgia	0	0	0	29	13	0	0	2
Maryland	0	0	0	34	4	0	0	0
North Carolina	0	0	0	19	11	0	35	4
South Carolina	0	0	0	184	61	0	0	17
Virginia	0	0	0	0	5	0	0	4
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**78**	**9**	**0**	**0**	**0**
Alabama	0	0	0	0	4	0	0	0
Kentucky	0	0	0	0	0	0	0	45
Mississippi	0	0	0	0	0	0	0	1
Tennessee	0	0	0	78	23	0	0	23
West South Central	**0**	**0**	**0**	**23**	**0**	**0**	**0**	**1**
Arkansas	0	0	0	0	29	0	0	1
Louisiana	0	0	0	0	29	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	23	1	0	0	1
Mountain	**0**	**3**	**0**	**3**	**1**	**0**	**9**	**2**
Arizona	0	0	0	3	3	0	0	1
Colorado	0	0	0	20	1	0	100	2
Idaho	0	14	0	0	4	0	0	7
Montana	0	0	0	0	3	0	0	5
Nevada	0	4	0	8	3	0	0	2
New Mexico	0	175	0	18	3	0	0	2
Utah	0	5	0	255	4	0	197	37
Wyoming	0	0	0	0	2	0	0	17
Pacific Contiguous	**0**	**1**	**0**	**2**	**1**	**0**	**17**	**1**
California	0	1	0	2	1	0	15	1
Oregon	0	0	0	102	1	0	58	2
Washington	0	0	0	0	1	0	44	2
Pacific Noncontiguous	**0**	**0**	**0**	**64**	**5**	**0**	**0**	**3**
Alaska	0	0	0	0	51	0	0	31
Hawaii	0	0	0	64	5	0	0	2
U.S. Total	**0**	**1**	**0**	**2**	**0**	**0**	**3**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**27**	**0**	**24**	**0**	**0**	**470**
Connecticut	0	2,466	0	47	0	0	0
Maine	0	226	0	175	0	0	0
Massachusetts	0	27	0	20	0	0	470
New Hampshire	0	98	0	217	0	0	0
Rhode Island	0	146	0	152	0	0	0
Vermont	0	347	0	0	0	0	0
Middle Atlantic	**173**	**71**	**0**	**23**	**0**	**0**	**519**
New Jersey	0	265	0	72	0	0	0
New York	0	74	0	22	0	0	519
Pennsylvania	173	330	0	89	0	0	0
East North Central	**10**	**80**	**0**	**22**	**0**	**0**	**290**
Illinois	52	442	0	14	0	0	683
Indiana	15	922	0	130	0	0	0
Michigan	0	18	0	49	0	0	0
Ohio	378	270	0	55	0	0	0
Wisconsin	271	1,947	0	188	0	0	0
West North Central	**28**	**179**	**0**	**70**	**0**	**0**	**0**
Iowa	45	326	0	398	0	0	0
Minnesota	0	215	0	158	0	0	0
Missouri	0	507	0	0	0	0	0
Nebraska	0	0	0	2,420	0	0	0
North Dakota	0	592	0	0	0	0	0
South Dakota	0	861	0	0	0	0	0
South Atlantic	**140**	**69**	**0**	**55**	**0**	**0**	**154**
District of Columbia	0	0	0	114	0	0	0
Florida	0	0	0	220	0	0	0
Georgia	0	114	0	0	0	0	0
Maryland	150	80	0	65	0	0	0
North Carolina	0	320	0	0	0	0	143
South Carolina	0	452	0	0	0	0	932
Virginia	302	44	0	0	0	0	0
East South Central	**126**	**431**	**0**	**69**	**0**	**0**	**0**
Mississippi	0	0	0	235	0	0	0
Tennessee	126	431	0	72	0	0	0
West South Central	**0**	**3,305**	**0**	**27**	**0**	**0**	**0**
Arkansas	0	0	0	1,414	0	0	0
Louisiana	0	0	0	160	0	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	3,305	0	27	0	0	0
Mountain	**0**	**642**	**0**	**31**	**0**	**0**	**688**
Arizona	0	642	0	50	0	0	0
Colorado	0	0	0	0	0	0	688
Nevada	0	0	0	63	0	0	0
New Mexico	0	0	0	68	0	0	0
Utah	0	0	0	79	0	0	0
Pacific Contiguous	**0**	**75**	**0**	**14**	**0**	**0**	**575**
California	0	75	0	13	0	0	575
Oregon	0	0	0	289	0	0	0
Washington	0	1,142	0	451	0	0	0
Pacific Noncontiguous	**16**	**62**	**0**	**1,260**	**0**	**0**	**0**
Alaska	16	89	0	1,260	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**11**	**33**	**0**	**9**	**0**	**0**	**156**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.4.A. Relative Standard Error for Net Generation by Fuel Type:

Commercial Sector by Census Division and State, April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**370**	**25**	**0**	**42**	**18**
Connecticut	0	0	0	0	0	0	0	47
Maine	0	0	0	0	29	0	42	28
Massachusetts	0	0	0	370	58	0	0	18
New Hampshire	0	0	0	0	54	0	0	69
Rhode Island	0	0	0	0	0	0	0	135
Vermont	0	0	0	0	412	0	0	354
Middle Atlantic	**0**	**0**	**0**	**35**	**10**	**0**	**12**	**10**
New Jersey	0	0	0	36	16	0	0	19
New York	0	0	0	0	20	0	28	14
Pennsylvania	0	0	0	239	9	0	0	22
East North Central	**0**	**0**	**0**	**206**	**17**	**0**	**20**	**14**
Illinois	0	0	0	0	0	0	0	14
Indiana	0	0	0	0	62	0	94	30
Michigan	0	0	0	0	17	0	20	21
Ohio	0	0	0	206	206	0	0	54
Wisconsin	0	0	0	0	88	0	0	132
West North Central	**0**	**0**	**0**	**0**	**33**	**0**	**77**	**27**
Iowa	0	0	0	0	60	0	0	44
Minnesota	0	0	0	0	45	0	77	79
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	80	0	0	151
North Dakota	0	0	0	0	0	0	0	592
South Dakota	0	0	0	0	0	0	0	861
South Atlantic	**0**	**0**	**0**	**43**	**15**	**0**	**16**	**16**
Delaware	0	0	0	0	128	0	0	128
District of Columbia	0	0	0	0	0	0	0	114
Florida	0	0	0	291	55	0	0	87
Georgia	0	0	0	196	61	0	0	59
Maryland	0	0	0	165	89	0	446	50
North Carolina	0	0	0	46	46	0	0	45
South Carolina	0	0	0	0	0	0	0	899
Virginia	0	0	0	0	11	0	16	10
East South Central	**0**	**0**	**0**	**156**	**156**	**0**	**0**	**62**
Mississippi	0	0	0	0	0	0	0	235
Tennessee	0	0	0	156	156	0	0	64
West South Central	**0**	**0**	**0**	**246**	**51**	**0**	**0**	**26**
Arkansas	0	0	0	0	133	0	0	180
Louisiana	0	0	0	0	0	0	0	160
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	246	55	0	0	26
Mountain	**0**	**0**	**0**	**39**	**36**	**0**	**0**	**26**
Arizona	0	0	0	83	83	0	0	43
Colorado	0	0	0	73	59	0	0	89
Nevada	0	0	0	51	51	0	0	43
New Mexico	0	0	0	0	174	0	0	64
Utah	0	0	0	0	0	0	0	79
Pacific Contiguous	**0**	**0**	**0**	**38**	**8**	**0**	**0**	**9**
California	0	0	0	38	8	0	0	9
Oregon	0	0	0	0	63	0	0	137
Washington	0	0	0	0	0	0	0	445
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Alaska	0	0	0	0	0	0	0	24
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**21**	**6**	**0**	**8**	**5**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.4.B. Relative Standard Error for Net Generation by Fuel Type:

Commercial Sector by Census Division and State, Year-to-Date through April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**27**	**0**	**24**	**0**	**0**	**470**
Connecticut	0	2,466	0	47	0	0	0
Maine	0	226	0	175	0	0	0
Massachusetts	0	27	0	20	0	0	470
New Hampshire	0	98	0	217	0	0	0
Rhode Island	0	146	0	152	0	0	0
Vermont	0	347	0	0	0	0	0
Middle Atlantic	**173**	**71**	**0**	**23**	**0**	**0**	**519**
New Jersey	0	265	0	72	0	0	0
New York	0	74	0	22	0	0	519
Pennsylvania	173	330	0	89	0	0	0
East North Central	**10**	**80**	**0**	**22**	**0**	**0**	**290**
Illinois	52	442	0	14	0	0	683
Indiana	15	922	0	130	0	0	0
Michigan	0	18	0	49	0	0	0
Ohio	378	270	0	55	0	0	0
Wisconsin	271	1,947	0	188	0	0	0
West North Central	**28**	**179**	**0**	**70**	**0**	**0**	**0**
Iowa	45	326	0	398	0	0	0
Minnesota	0	215	0	158	0	0	0
Missouri	0	507	0	0	0	0	0
Nebraska	0	0	0	2,420	0	0	0
North Dakota	0	592	0	0	0	0	0
South Dakota	0	861	0	0	0	0	0
South Atlantic	**140**	**69**	**0**	**55**	**0**	**0**	**154**
District of Columbia	0	0	0	114	0	0	0
Florida	0	0	0	220	0	0	0
Georgia	0	114	0	0	0	0	0
Maryland	150	80	0	65	0	0	0
North Carolina	0	320	0	0	0	0	143
South Carolina	0	452	0	0	0	0	932
Virginia	302	44	0	0	0	0	0
East South Central	**126**	**431**	**0**	**69**	**0**	**0**	**0**
Mississippi	0	0	0	235	0	0	0
Tennessee	126	431	0	72	0	0	0
West South Central	**0**	**3,305**	**0**	**27**	**0**	**0**	**0**
Arkansas	0	0	0	1,414	0	0	0
Louisiana	0	0	0	160	0	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	3,305	0	27	0	0	0
Mountain	**0**	**642**	**0**	**31**	**0**	**0**	**688**
Arizona	0	642	0	50	0	0	0
Colorado	0	0	0	0	0	0	688
Nevada	0	0	0	63	0	0	0
New Mexico	0	0	0	68	0	0	0
Utah	0	0	0	79	0	0	0
Pacific Contiguous	**0**	**75**	**0**	**14**	**0**	**0**	**575**
California	0	75	0	13	0	0	575
Oregon	0	0	0	289	0	0	0
Washington	0	1,142	0	451	0	0	0
Pacific Noncontiguous	**16**	**62**	**0**	**1,260**	**0**	**0**	**0**
Alaska	16	89	0	1,260	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**11**	**33**	**0**	**9**	**0**	**0**	**156**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.4.B. Relative Standard Error for Net Generation by Fuel Type:

Commercial Sector by Census Division and State, Year-to-Date through April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**370**	**25**	**0**	**42**	**18**
Connecticut	0	0	0	0	0	0	0	47
Maine	0	0	0	0	29	0	42	28
Massachusetts	0	0	0	370	58	0	0	18
New Hampshire	0	0	0	0	54	0	0	69
Rhode Island	0	0	0	0	0	0	0	135
Vermont	0	0	0	0	412	0	0	354
Middle Atlantic	**0**	**0**	**0**	**35**	**10**	**0**	**12**	**10**
New Jersey	0	0	0	36	16	0	0	19
New York	0	0	0	0	20	0	28	14
Pennsylvania	0	0	0	239	9	0	0	22
East North Central	**0**	**0**	**0**	**206**	**17**	**0**	**20**	**14**
Illinois	0	0	0	0	0	0	0	14
Indiana	0	0	0	0	62	0	94	30
Michigan	0	0	0	0	17	0	20	21
Ohio	0	0	0	206	206	0	0	54
Wisconsin	0	0	0	0	88	0	0	132
West North Central	**0**	**0**	**0**	**0**	**33**	**0**	**77**	**27**
Iowa	0	0	0	0	60	0	0	44
Minnesota	0	0	0	0	45	0	77	79
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	80	0	0	151
North Dakota	0	0	0	0	0	0	0	592
South Dakota	0	0	0	0	0	0	0	861
South Atlantic	**0**	**0**	**0**	**43**	**15**	**0**	**16**	**16**
Delaware	0	0	0	0	128	0	0	128
District of Columbia	0	0	0	0	0	0	0	114
Florida	0	0	0	291	55	0	0	87
Georgia	0	0	0	196	61	0	0	59
Maryland	0	0	0	165	89	0	446	50
North Carolina	0	0	0	46	46	0	0	45
South Carolina	0	0	0	0	0	0	0	899
Virginia	0	0	0	0	11	0	16	10
East South Central	**0**	**0**	**0**	**156**	**156**	**0**	**0**	**62**
Mississippi	0	0	0	0	0	0	0	235
Tennessee	0	0	0	156	156	0	0	64
West South Central	**0**	**0**	**0**	**246**	**51**	**0**	**0**	**26**
Arkansas	0	0	0	0	133	0	0	180
Louisiana	0	0	0	0	0	0	0	160
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	246	55	0	0	26
Mountain	**0**	**0**	**0**	**39**	**36**	**0**	**0**	**26**
Arizona	0	0	0	83	83	0	0	43
Colorado	0	0	0	73	59	0	0	89
Nevada	0	0	0	51	51	0	0	43
New Mexico	0	0	0	0	174	0	0	64
Utah	0	0	0	0	0	0	0	79
Pacific Contiguous	**0**	**0**	**0**	**38**	**8**	**0**	**0**	**9**
California	0	0	0	38	8	0	0	9
Oregon	0	0	0	0	63	0	0	137
Washington	0	0	0	0	0	0	0	445
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Alaska	0	0	0	0	0	0	0	24
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**21**	**6**	**0**	**8**	**5**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**61**	**43**	**0**	**20**	**0**	**0**	**37**
Connecticut	0	338	0	55	0	0	0
Maine	0	65	0	20	0	0	36
Massachusetts	97	34	0	84	0	0	491
New Hampshire	0	323	0	168	0	0	542
Vermont	0	0	0	0	0	0	251
Middle Atlantic	**12**	**41**	**88**	**24**	**20**	**0**	**154**
New Jersey	0	918	148	43	73	0	0
New York	0	42	0	46	0	0	154
Pennsylvania	18	138	106	35	15	0	0
East North Central	**5**	**16**	**59**	**28**	**14**	**0**	**108**
Illinois	7	3,443	0	57	55	0	0
Indiana	76	6	0	22	12	0	0
Michigan	35	64	117	87	0	0	266
Ohio	18	82	293	89	39	0	0
Wisconsin	8	136	0	159	0	0	118
West North Central	**8**	**159**	**0**	**151**	**146**	**0**	**111**
Iowa	8	277	0	386	0	0	0
Kansas	0	0	0	148	0	0	0
Minnesota	22	254	0	209	0	0	111
Missouri	85	0	0	1,353	0	0	0
Nebraska	28	0	0	548	0	0	0
North Dakota	58	231	0	426	146	0	0
South Atlantic	**11**	**105**	**0**	**12**	**0**	**0**	**18**
Delaware	0	0	0	0	0	0	0
Florida	48	182	0	17	0	0	0
Georgia	11	189	0	20	0	0	267
Maryland	0	0	0	105	0	0	0
North Carolina	45	248	0	65	0	0	59
South Carolina	11	0	0	78	0	0	0
Virginia	31	298	0	42	0	0	333
West Virginia	12	0	0	282	0	0	9
East South Central	**5**	**175**	**0**	**11**	**6**	**0**	**47**
Alabama	39	176	0	19	6	0	0
Kentucky	0	0	0	55	0	0	0
Mississippi	0	0	0	11	0	0	0
Tennessee	2	833	0	0	0	0	47
West South Central	**31**	**183**	**64**	**2**	**5**	**0**	**0**
Arkansas	0	0	0	33	0	0	0
Louisiana	780	0	104	2	7	0	0
Oklahoma	36	0	0	104	0	0	0
Texas	0	879	56	3	7	0	0
Mountain	**11**	**141**	**0**	**22**	**8**	**0**	**0**
Colorado	274	2,951	0	268	0	0	0
Idaho	62	0	0	204	0	0	0
Montana	194	0	0	0	0	0	0
Nevada	0	0	0	96	0	0	0
New Mexico	0	1,722	0	0	0	0	0
Utah	0	3,760	0	23	245	0	0
Wyoming	27	138	0	35	8	0	0
Pacific Contiguous	**0**	**64**	**0**	**5**	**5**	**0**	**1,004**
California	0	89	0	5	5	0	0
Oregon	0	0	0	154	0	0	0
Washington	0	72	0	0	0	0	1,004
Pacific Noncontiguous	**120**	**85**	**0**	**295**	**67**	**0**	**173**
Alaska	0	31	0	295	388	0	0
Hawaii	120	152	0	0	67	0	173
U.S. Total	**4**	**54**	**37**	**2**	**6**	**0**	**18**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.5.A. Relative Standard Error for Net Generation by Fuel Type:

Industrial Sector by Census Division and State, April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**0**	**10**	**0**	**35**	**9**
Connecticut	0	0	0	0	0	0	0	54
Maine	0	0	0	0	13	0	45	11
Massachusetts	0	0	0	0	0	0	0	14
New Hampshire	0	0	0	0	0	0	0	177
Vermont	0	0	0	0	0	0	0	251
Middle Atlantic	**0**	**0**	**0**	**89**	**20**	**0**	**0**	**12**
New Jersey	0	0	0	220	220	0	0	42
New York	0	0	0	0	41	0	0	20
Pennsylvania	0	0	0	97	23	0	0	15
East North Central	**0**	**0**	**0**	**0**	**17**	**0**	**8**	**7**
Illinois	0	0	0	0	0	0	27	9
Indiana	0	0	0	0	78	0	0	8
Michigan	0	0	0	0	28	0	0	26
Ohio	0	0	0	0	21	0	0	20
Wisconsin	0	0	0	0	29	0	69	15
West North Central	**0**	**0**	**0**	**0**	**19**	**0**	**59**	**10**
Iowa	0	0	0	0	0	0	0	11
Kansas	0	0	0	0	0	0	0	148
Minnesota	0	0	0	0	19	0	59	19
Missouri	0	0	0	0	192	0	0	80
Nebraska	0	0	0	0	0	0	0	38
North Dakota	0	0	0	0	0	0	0	68
South Atlantic	**0**	**0**	**0**	**0**	**5**	**0**	**5**	**4**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	13	0	6	8
Georgia	0	0	0	0	8	0	2	7
Maryland	0	0	0	0	0	0	0	14
North Carolina	0	0	0	0	13	0	0	14
South Carolina	0	0	0	0	1	0	0	3
Virginia	0	0	0	0	19	0	0	15
West Virginia	0	0	0	0	0	0	0	8
East South Central	**0**	**0**	**0**	**0**	**8**	**0**	**0**	**5**
Alabama	0	0	0	0	12	0	0	10
Kentucky	0	0	0	0	9	0	0	21
Mississippi	0	0	0	0	8	0	0	7
Tennessee	0	0	0	0	22	0	0	10
West South Central	**0**	**0**	**0**	**0**	**8**	**0**	**15**	**2**
Arkansas	0	0	0	0	7	0	0	7
Louisiana	0	0	0	0	13	0	16	3
Oklahoma	0	0	0	0	41	0	93	27
Texas	0	0	0	0	19	0	23	2
Mountain	**0**	**0**	**0**	**180**	**3**	**0**	**12**	**8**
Colorado	0	0	0	0	172	0	64	61
Idaho	0	0	0	0	2	0	0	13
Montana	0	0	0	0	0	0	0	194
Nevada	0	0	0	180	180	0	0	92
New Mexico	0	0	0	0	0	0	0	1,722
Utah	0	0	0	0	0	0	0	8
Wyoming	0	0	0	0	0	0	0	16
Pacific Contiguous	**0**	**0**	**0**	**126**	**13**	**0**	**10**	**4**
California	0	0	0	126	32	0	12	4
Oregon	0	0	0	0	21	0	0	24
Washington	0	0	0	0	14	0	0	13
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**32**	**0**	**0**	**48**
Alaska	0	0	0	0	0	0	0	169
Hawaii	0	0	0	0	32	0	0	50
U.S. Total	**0**	**0**	**0**	**70**	**5**	**0**	**5**	**2**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.5.B. Relative Standard Error for Net Generation by Fuel Type:

Industrial Sector by Census Division and State, Year-to-Date through April 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**61**	**43**	**0**	**20**	**0**	**0**	**37**
Connecticut	0	338	0	55	0	0	0
Maine	0	65	0	20	0	0	36
Massachusetts	97	34	0	84	0	0	491
New Hampshire	0	323	0	168	0	0	542
Vermont	0	0	0	0	0	0	251
Middle Atlantic	**12**	**41**	**88**	**24**	**20**	**0**	**154**
New Jersey	0	918	148	43	73	0	0
New York	0	42	0	46	0	0	154
Pennsylvania	18	138	106	35	15	0	0
East North Central	**5**	**16**	**59**	**28**	**14**	**0**	**108**
Illinois	7	3,443	0	57	55	0	0
Indiana	76	6	0	22	12	0	0
Michigan	35	64	117	87	0	0	266
Ohio	18	82	293	89	39	0	0
Wisconsin	8	136	0	159	0	0	118
West North Central	**8**	**159**	**0**	**151**	**146**	**0**	**111**
Iowa	8	277	0	386	0	0	0
Kansas	0	0	0	148	0	0	0
Minnesota	22	254	0	209	0	0	111
Missouri	85	0	0	1,353	0	0	0
Nebraska	28	0	0	548	0	0	0
North Dakota	58	231	0	426	146	0	0
South Atlantic	**11**	**105**	**0**	**12**	**0**	**0**	**18**
Delaware	0	0	0	0	0	0	0
Florida	48	182	0	17	0	0	0
Georgia	11	189	0	20	0	0	267
Maryland	0	0	0	105	0	0	0
North Carolina	45	248	0	65	0	0	59
South Carolina	11	0	0	78	0	0	0
Virginia	31	298	0	42	0	0	333
West Virginia	12	0	0	282	0	0	9
East South Central	**5**	**175**	**0**	**11**	**6**	**0**	**47**
Alabama	39	176	0	19	6	0	0
Kentucky	0	0	0	55	0	0	0
Mississippi	0	0	0	11	0	0	0
Tennessee	2	833	0	0	0	0	47
West South Central	**31**	**183**	**64**	**2**	**5**	**0**	**0**
Arkansas	0	0	0	33	0	0	0
Louisiana	780	0	104	2	7	0	0
Oklahoma	36	0	0	104	0	0	0
Texas	0	879	56	3	7	0	0
Mountain	**11**	**141**	**0**	**22**	**8**	**0**	**0**
Colorado	274	2,951	0	268	0	0	0
Idaho	62	0	0	204	0	0	0
Montana	194	0	0	0	0	0	0
Nevada	0	0	0	96	0	0	0
New Mexico	0	1,722	0	0	0	0	0
Utah	0	3,760	0	23	245	0	0
Wyoming	27	138	0	35	8	0	0
Pacific Contiguous	**0**	**64**	**0**	**5**	**5**	**0**	**1,004**
California	0	89	0	5	5	0	0
Oregon	0	0	0	154	0	0	0
Washington	0	72	0	0	0	0	1,004
Pacific Noncontiguous	**120**	**85**	**0**	**295**	**67**	**0**	**173**
Alaska	0	31	0	295	388	0	0
Hawaii	120	152	0	0	67	0	173
U.S. Total	**4**	**54**	**37**	**2**	**6**	**0**	**18**

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Table A.5.B. Relative Standard Error for Net Generation by Fuel Type:

Industrial Sector by Census Division and State, Year-to-Date through April 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**0**	**10**	**0**	**35**	**9**
Connecticut	0	0	0	0	0	0	0	54
Maine	0	0	0	0	13	0	45	11
Massachusetts	0	0	0	0	0	0	0	14
New Hampshire	0	0	0	0	0	0	0	177
Vermont	0	0	0	0	0	0	0	251
Middle Atlantic	**0**	**0**	**0**	**89**	**20**	**0**	**0**	**12**
New Jersey	0	0	0	220	220	0	0	42
New York	0	0	0	0	41	0	0	20
Pennsylvania	0	0	0	97	23	0	0	15
East North Central	**0**	**0**	**0**	**0**	**17**	**0**	**8**	**7**
Illinois	0	0	0	0	0	0	27	9
Indiana	0	0	0	0	78	0	0	8
Michigan	0	0	0	0	28	0	0	26
Ohio	0	0	0	0	21	0	0	20
Wisconsin	0	0	0	0	29	0	69	15
West North Central	**0**	**0**	**0**	**0**	**19**	**0**	**59**	**10**
Iowa	0	0	0	0	0	0	0	11
Kansas	0	0	0	0	0	0	0	148
Minnesota	0	0	0	0	19	0	59	19
Missouri	0	0	0	0	192	0	0	80
Nebraska	0	0	0	0	0	0	0	38
North Dakota	0	0	0	0	0	0	0	68
South Atlantic	**0**	**0**	**0**	**0**	**5**	**0**	**5**	**4**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	13	0	6	8
Georgia	0	0	0	0	8	0	2	7
Maryland	0	0	0	0	0	0	0	14
North Carolina	0	0	0	0	13	0	0	14
South Carolina	0	0	0	0	1	0	0	3
Virginia	0	0	0	0	19	0	0	15
West Virginia	0	0	0	0	0	0	0	8
East South Central	**0**	**0**	**0**	**0**	**8**	**0**	**0**	**5**
Alabama	0	0	0	0	12	0	0	10
Kentucky	0	0	0	0	9	0	0	21
Mississippi	0	0	0	0	8	0	0	7
Tennessee	0	0	0	0	22	0	0	10
West South Central	**0**	**0**	**0**	**0**	**8**	**0**	**15**	**2**
Arkansas	0	0	0	0	7	0	0	7
Louisiana	0	0	0	0	13	0	16	3
Oklahoma	0	0	0	0	41	0	93	27
Texas	0	0	0	0	19	0	23	2
Mountain	**0**	**0**	**0**	**180**	**3**	**0**	**12**	**8**
Colorado	0	0	0	0	172	0	64	61
Idaho	0	0	0	0	2	0	0	13
Montana	0	0	0	0	0	0	0	194
Nevada	0	0	0	180	180	0	0	92
New Mexico	0	0	0	0	0	0	0	1,722
Utah	0	0	0	0	0	0	0	8
Wyoming	0	0	0	0	0	0	0	16
Pacific Contiguous	**0**	**0**	**0**	**126**	**13**	**0**	**10**	**4**
California	0	0	0	126	32	0	12	4
Oregon	0	0	0	0	21	0	0	24
Washington	0	0	0	0	14	0	0	13
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**32**	**0**	**0**	**48**
Alaska	0	0	0	0	0	0	0	169
Hawaii	0	0	0	0	32	0	0	50
U.S. Total	**0**	**0**	**0**	**70**	**5**	**0**	**5**	**2**

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Table A.6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, April 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**0**	**4**	**0**	**1**
Connecticut	0	1	5	0	1
Maine	0	1	2	0	1
Massachusetts	1	1	8	0	1
New Hampshire	0	1	5	0	1
Rhode Island	0	0	0	0	0
Vermont	2	3	9	0	3
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	3	0	0
New York	0	0	3	0	0
Pennsylvania	0	0	1	0	0
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	2	2	0	1
Michigan	1	2	1	0	1
Ohio	1	1	2	0	1
Wisconsin	1	3	2	0	1
West North Central	**1**	**2**	**2**	**0**	**1**
Iowa	2	6	2	0	2
Kansas	2	2	4	0	2
Minnesota	2	4	2	0	2
Missouri	1	1	5	0	1
Nebraska	2	7	3	0	3
North Dakota	2	4	5	0	2
South Dakota	3	8	5	0	4
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	1	2	9	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	3	0	0
Georgia	1	1	2	0	1
Maryland	1	1	5	0	1
North Carolina	1	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	1	1	0	1
Kentucky	1	2	3	0	2
Mississippi	2	2	3	0	1
Tennessee	1	2	5	0	1
West South Central	**1**	**1**	**1**	**1**	**0**
Arkansas	2	2	3	291	1
Louisiana	1	1	1	0	1
Oklahoma	2	1	3	0	1
Texas	1	1	1	0	1
Mountain	**0**	**1**	**1**	**0**	**0**
Arizona	0	1	2	0	1
Colorado	1	2	3	0	1
Idaho	1	4	2	0	1
Montana	2	7	3	0	3
Nevada	1	1	1	0	0
New Mexico	2	3	4	0	2
Utah	1	2	1	0	1
Wyoming	2	6	1	0	2
Pacific Contiguous	**0**	**1**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	4	3	0	2
Washington	1	3	2	0	1
Pacific Noncontiguous	**1**	**4**	**1**	**0**	**2**
Alaska	3	9	5	0	4
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**0**

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Table A.6.B. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers

by End-Use Sector, Census Division, and State, Year-to-Date through April 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**0**	**3**	**0**	**0**
Connecticut	0	1	4	0	1
Maine	1	1	1	0	1
Massachusetts	1	1	7	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	0	0	0	0
Vermont	3	2	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	0	0	0	0
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	1	0	1
Indiana	1	1	2	0	1
Michigan	0	1	1	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	1	0	1
West North Central	**1**	**1**	**1**	**0**	**0**
Iowa	1	2	2	0	1
Kansas	2	1	3	0	1
Minnesota	1	1	2	0	1
Missouri	1	1	4	0	1
Nebraska	1	2	2	0	1
North Dakota	1	1	3	0	1
South Dakota	2	3	3	0	1
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	1	1	7	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	2	0	0
Georgia	1	1	1	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	1	0	1
South Carolina	1	1	1	0	1
Virginia	1	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	1	1	1	0	1
Kentucky	2	1	3	0	1
Mississippi	2	2	2	0	1
Tennessee	1	1	4	0	1
West South Central	**1**	**0**	**1**	**1**	**0**
Arkansas	2	2	2	278	1
Louisiana	1	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	0	1	0	0
Mountain	**1**	**0**	**1**	**0**	**0**
Arizona	1	1	1	0	0
Colorado	1	1	2	0	1
Idaho	1	2	1	0	1
Montana	2	2	2	0	1
Nevada	1	1	0	0	0
New Mexico	2	2	3	0	1
Utah	2	1	1	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	2	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	3	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**0**

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Table A.7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, April 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**53**	**1**
Connecticut	0	1	3	0	1
Maine	0	2	2	0	1
Massachusetts	0	1	5	75	1
New Hampshire	0	1	4	0	1
Rhode Island	0	10	1	0	5
Vermont	1	3	7	0	2
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	0	1	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	2	0	1
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	3	0	1
Indiana	1	2	2	0	1
Michigan	1	1	2	0	1
Ohio	0	1	3	0	1
Wisconsin	1	2	3	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	2	5	3	0	2
Kansas	2	2	7	0	2
Minnesota	2	3	3	0	1
Missouri	1	2	5	0	1
Nebraska	2	6	5	0	2
North Dakota	2	4	6	0	2
South Dakota	3	6	6	0	3
South Atlantic	**0**	**1**	**2**	**18**	**0**
Delaware	1	10	9	0	4
District of Columbia	0	7	0	49	6
Florida	1	1	6	0	1
Georgia	1	1	5	0	1
Maryland	1	1	3	0	1
North Carolina	1	1	4	0	1
South Carolina	1	1	4	0	1
Virginia	1	1	5	0	1
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	2	3	0	1
Kentucky	1	2	3	0	1
Mississippi	2	2	6	0	2
Tennessee	1	2	5	0	1
West South Central	**1**	**1**	**2**	**1**	**1**
Arkansas	2	3	6	289	2
Louisiana	1	1	2	0	1
Oklahoma	2	2	7	0	2
Texas	1	1	3	0	1
Mountain	**1**	**1**	**2**	**0**	**1**
Arizona	1	1	4	0	1
Colorado	1	1	6	0	1
Idaho	2	3	2	0	1
Montana	3	5	6	0	3
Nevada	1	1	1	0	0
New Mexico	2	2	8	0	2
Utah	2	2	3	0	1
Wyoming	3	5	2	0	2
Pacific Contiguous	**0**	**0**	**2**	**0**	**0**
California	1	0	2	0	0
Oregon	1	3	5	0	1
Washington	1	2	4	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	3	7	6	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**4**	**0**

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Table A.7.B. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers

by End-Use Sector, Census Division, and State, Year-to-Date through April 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**26**	**0**
Connecticut	0	1	3	0	0
Maine	1	1	2	0	1
Massachusetts	1	1	4	57	1
New Hampshire	0	0	3	0	1
Rhode Island	0	7	0	0	3
Vermont	2	2	6	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	1	0	0
Pennsylvania	0	1	1	0	0
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	0	1	1	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**1**	**0**	**0**
Iowa	2	2	2	0	1
Kansas	2	2	4	0	1
Minnesota	1	1	2	0	1
Missouri	1	1	5	0	1
Nebraska	2	2	3	0	1
North Dakota	1	1	4	0	1
South Dakota	2	3	4	0	2
South Atlantic	**1**	**0**	**1**	**15**	**0**
Delaware	1	7	7	0	3
District of Columbia	0	6	0	45	4
Florida	1	1	3	0	1
Georgia	1	1	2	0	1
Maryland	1	1	2	0	0
North Carolina	1	1	2	0	1
South Carolina	1	1	2	0	1
Virginia	1	1	3	0	1
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	1	2	0	1
Kentucky	1	1	3	0	1
Mississippi	2	2	3	0	1
Tennessee	1	1	4	0	1
West South Central	**1**	**1**	**1**	**1**	**0**
Arkansas	2	2	3	251	1
Louisiana	1	1	1	0	1
Oklahoma	2	2	4	0	1
Texas	1	1	1	0	1
Mountain	**1**	**1**	**1**	**0**	**0**
Arizona	1	1	2	0	1
Colorado	2	1	4	0	1
Idaho	1	1	2	0	1
Montana	2	2	4	0	1
Nevada	1	1	1	0	0
New Mexico	3	2	5	0	2
Utah	2	2	2	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	2	0	0
Oregon	1	1	3	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**0**
Alaska	3	3	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**3**	**0**

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Table A.8.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, April 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**53**	**1**
Connecticut	0	1	4	0	1
Maine	0	2	1	0	1
Massachusetts	0	1	4	75	1
New Hampshire	0	0	2	0	1
Rhode Island	0	10	1	0	5
Vermont	1	1	4	0	1
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	1	1	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	1	1	0	0
Indiana	1	1	1	0	1
Michigan	0	1	1	0	0
Ohio	0	1	1	0	0
Wisconsin	0	1	2	0	1
West North Central	**0**	**1**	**1**	**0**	**0**
Iowa	1	2	2	0	1
Kansas	1	1	4	0	1
Minnesota	1	1	2	0	1
Missouri	1	1	2	0	1
Nebraska	1	2	3	0	1
North Dakota	1	1	3	0	1
South Dakota	1	2	4	0	1
South Atlantic	**0**	**0**	**1**	**18**	**0**
Delaware	1	9	3	0	4
District of Columbia	0	7	0	49	6
Florida	0	0	3	0	0
Georgia	1	1	3	0	1
Maryland	0	1	2	0	0
North Carolina	1	1	3	0	1
South Carolina	1	1	2	0	1
Virginia	1	1	3	0	0
West Virginia	0	0	0	0	0
East South Central	**0**	**0**	**1**	**0**	**0**
Alabama	1	1	2	0	1
Kentucky	1	1	1	0	1
Mississippi	1	1	4	0	1
Tennessee	0	1	2	0	1
West South Central	**1**	**1**	**1**	**1**	**0**
Arkansas	1	2	4	129	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	4	0	1
Texas	1	1	2	0	0
Mountain	**0**	**0**	**1**	**0**	**0**
Arizona	0	1	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	1	0	1
Montana	1	2	4	0	1
Nevada	0	1	1	0	0
New Mexico	1	2	5	0	1
Utah	1	1	2	0	1
Wyoming	1	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	3	0	1
Washington	0	1	2	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	4	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**4**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.8.B. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers

by End-Use Sector, Census Division, and State, Year-to-Date through April 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**26**	**1**
Connecticut	0	1	4	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	6	57	1
New Hampshire	1	1	4	0	1
Rhode Island	0	7	0	0	3
Vermont	3	2	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	1	1	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	1	1	1	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**1**	**0**	**1**
Iowa	2	2	2	0	1
Kansas	2	2	4	0	1
Minnesota	1	1	2	0	1
Missouri	1	1	5	0	1
Nebraska	2	2	3	0	1
North Dakota	1	1	4	0	1
South Dakota	2	3	4	0	2
South Atlantic	**1**	**0**	**1**	**15**	**0**
Delaware	1	7	8	0	3
District of Columbia	0	6	0	45	4
Florida	1	1	3	0	1
Georgia	1	1	2	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	1	2	0	1
Kentucky	2	2	3	0	1
Mississippi	2	2	3	0	1
Tennessee	1	1	5	0	1
West South Central	**1**	**1**	**1**	**1**	**0**
Arkansas	2	2	3	244	1
Louisiana	1	1	1	0	1
Oklahoma	2	2	3	0	1
Texas	1	1	1	0	1
Mountain	**1**	**1**	**1**	**0**	**0**
Arizona	1	1	2	0	1
Colorado	2	1	4	0	1
Idaho	1	1	2	0	1
Montana	2	2	4	0	1
Nevada	1	1	1	0	0
New Mexico	3	2	5	0	2
Utah	2	2	2	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	3	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	3	3	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**3**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table B.1 Major Disturbances and Unusual Occurrences, Year-to-Date 2014

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2014	1	01/06/2014 7:01 AM	01/07/2014 9:00 AM	25 Hours, 59 Minutes	ERCOT	TRE	Texas	Public Appeal due to Severe Weather - Cold	N/A	N/A
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PPL Electric Utilities Corp	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PJM Interconnection	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	Potomac Electric Power Co	RFC	District of Columbia	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:49 PM	0 Hours, 59 Minutes	UGI Utilities, Inc	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	200	62000
2014	1	01/06/2014 7:52 PM	01/06/2014 8:45 PM	0 Hours, 53 Minutes	Delmarva Power & Light Company	RFC	Delaware	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 8:45 PM	01/07/2014 9:00 PM	24 Hours, 15 Minutes	PJM Interconnection	RFC	Unknown	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 10:00 PM	01/06/2014 10:01 PM	0 Hours, 1 Minutes	Louisville Gas & Electric Co	RFC	Kentucky	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Tennessee Valley Authority	SERC	Northeast Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 7:58 AM	01/07/2014 11:00 AM	3 Hours, 2 Minutes	Duke Energy Progress	SERC	North Carolina	Voltage Reduction; Public Appeal due to Severe Weather - Cold	14435	Unknown
2014	1	01/07/2014 9:30 AM	01/08/2014 9:30 AM	24 Hours, 0 Minutes	Duke Energy Carolinas	SERC	Piedmont North Carolina, Piedmont South Carolina	Fuel Supply Emergency due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 10:59 AM	01/09/2014 9:00 AM	46 Hours, 1 Minutes	Prairie Power, Inc.	RFC	Illinois	Fuel Supply Emergency - Natural Gas	N/A	N/A
2014	1	01/07/2014 4:15 PM	01/08/2014 1:20 PM	21 Hours, 5 Minutes	Duke Energy Progress	SERC	North Carolina	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 PM	01/07/2014 11:00 PM	5 Hours, 0 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4853	677858
2014	1	01/07/2014 9:00 PM	01/08/2014 9:00 AM	12 Hours, 0 Minutes	PJM Interconnection	RFC	Unknown	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/08/2014 5:00 AM	01/08/2014 6:30 AM	1 Hours, 30 Minutes	American Electric Power	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	576	Unknown
2014	1	01/08/2014 6:00 AM	01/08/2014 9:00 AM	3 Hours, 0 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4545	677858
2014	1	01/18/2014 9:00 AM	01/18/2014 9:45 AM	0 Hours, 45 Minutes	ERCOT	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	1	01/18/2014 5:39 PM	ongong	ongoing	First Energy Solutions Corp.	RFC	Unknown	Electrical System Islanding	Unknown	Unknown
2014	1	01/23/2014 4:00 AM	01/24/2014 12:00 PM	32 Hours, 0 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 1:04 PM	01/24/2014 9:00 AM	19 Hours, 56 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 4:00 PM	01/24/2014 12:00 PM	20 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/24/2014 12:00 AM	04/09/2014 11:53 AM	1,811 Hours, 53 Minutes	We Energies	RFC	Wisconsin	Fuel Supply Emergency - Coal	Unknown	
2014	1	01/27/2014 2:20 PM	01/28/2014 9:00 PM	30 Hours, 40 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	2	02/05/2014 12:00 AM	02/09/2014 6:00 PM	114 Hours, 0 Minutes	FirstEnergy Corp: Potomac Edison	RFC	Maryland, West Virginia	Severe Weather - Snow/Ice	Unknown	101580
2014	2	02/05/2014 1:00 AM	02/09/2014 8:40 PM	115 Hours, 40 Minutes	FirstEnergy Corp: Met-Ed	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	144000
2014	2	02/05/2014 5:00 AM	02/05/2014 5:01 AM	0 Hours, 1 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	715000
2014	2	02/05/2014 7:00 AM	02/23/2014 7:00 AM	432 Hours, 0 Minutes	Upstate New York Power Producers	NPCC	New York	Fuel Supply Emergency - Coal	300	Unknown
2014	2	02/05/2014 7:35 AM	02/07/2014 4:03 AM	44 Hours, 28 Minutes	PPL Electric Utilities Corp	RFC	Lancaster Region, Pennsylvania	Severe Weather - Snow/Ice	Unknown	62159
2014	2	02/05/2014 8:05 AM	02/05/2014 8:06 AM	0 Hours, 1 Minutes	Baltimore Gas & Electric Company	RFC	Baltimore, Maryland	Severe Weather - Ice	800	181000
2014	2	02/06/2014 1:00 PM	02/06/2014 10:00 PM	9 Hours, 0 Minutes	California ISO	WECC	California	Fuel Supply Emergency - Natural Gas	4000	Unknown
2014	2	02/06/2014 1:05 PM	02/06/2014 7:15 PM	6 Hours, 10 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Fuel Supply Emergency - Natural Gas	160	Unknown
2014	2	02/06/2014 1:58 PM	02/06/2014 8:40 PM	6 Hours, 42 Minutes	American Electric Power	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/06/2014 2:15 PM	02/06/2014 7:39 PM	5 Hours, 24 Minutes	Southern California Edison	WECC	California	Fuel Supply Emergency - Natural Gas	611	Unknown
2014	2	02/06/2014 3:35 PM	02/07/2014 11:30 AM	19 Hours, 55 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 7:00 AM	03/21/2014 8:00 AM	1,009 Hours, 0 Minutes	Somerset Operating Company, LLC	NPCC	Niagara County New York	Fuel Supply Emergency - Coal	675	Unknown
2014	2	02/07/2014 4:30 PM	02/08/2014 9:00 AM	16 Hours, 30 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 4:50 PM	02/07/2014 8:30 PM	3 Hours, 40 Minutes	American Electric Power	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/12/2014 7:48 AM	02/15/2014 4:30 AM	68 Hours, 42 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Snow/Ice	1246	373835
2014	2	02/12/2014 11:03 AM	02/15/2014 8:40 AM	69 Hours, 37 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Severe Weather - Snow/Ice	700	120124
2014	2	02/12/2014 12:10 PM	02/15/2014 3:20 PM	75 Hours, 10 Minutes	Duke Energy Progress	SERC	North Carolina	Severe Weather - Snow/Ice	Unknown	200000
2014	2	02/20/2014 4:40 PM	02/21/2014 11:59 PM	31 Hours, 19 Minutes	Ameren Missouri	SERC	Missouri, Illinois	Severe Weather - Snow/Ice	Unknown	66000
2014	2	02/21/2014 2:53 AM	02/21/2014 9:00 PM	18 Hours, 7 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Thunderstorms/High Winds	221	66445
2014	3	03/02/2014 7:00 PM	03/04/2014 9:00 AM	38 Hours, 0 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal due to Severe Weather - Cold	N/A	N/A
2014	3	03/03/2014 1:48 AM	03/03/2014 1:49 AM	0 Hours, 1 Minutes	Public Utility District #1 of Chelan County (CHPD)	WECC	Mid-Columbia River Generation, Washington	Fuel Supply Emergency - Hydro	630	Unknown
2014	3	03/03/2014 6:40 AM	03/03/2014 3:28 PM	8 Hours, 48 Minutes	Tennessee Valley Authority	SERC	Tennessee	Severe Weather - Winter Storm	Unknown	65904
2014	3	03/04/2014 9:06 AM	03/17/2014 9:06 AM	312 Hours, 0 Minutes	Wisconsin Public Service Corp	MRO	Weston, Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	3	03/07/2014 3:30 AM	03/07/2014 9:00 PM	17 Hours, 30 Minutes	Duke Energy Carolinas	SERC	Triad, North Carolina	Severe Weather - Winter Storm	1500	370900
2014	3	03/12/2014 7:35 PM	03/13/2014 12:00 PM	16 Hours, 25 Minutes	Duke Energy Carolinas	SERC	North Carolina	Severe Weather - High Winds	250	61377
2014	3	03/26/2014 1:37 PM	03/26/2014 2:33 PM	0 Hours, 56 Minutes	Peak Reliability	WECC	Montana	Electrical System Separation (Islanding)	Unknown	Unknown
2014	3	03/31/2014 3:41 PM	03/31/2014 8:08 PM	4 Hours, 27 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	System Wide Voltage Reduction	Unknown	Unknown
2014	4	04/03/2014 12:00 AM	ongoing	ongoing	City of Garland / Texas Municipal Power Agency	TRE	Texas	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	4	04/03/2014 2:45 PM	04/09/2014 11:53 AM	141 Hours, 8 Minutes	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	4	04/04/2014 3:30 AM	04/04/2014 8:15 AM	4 Hours, 45 Minutes	Entergy Services, Inc.	SERC	Central Arkansas	Severe Weather - Wind	Unknown	57200
2014	4	04/08/2014 11:09 AM	04/08/2014 11:20 AM	0 Hours, 11 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	Voltage Reduction	Unknown	Unknown
2014	4	04/12/2014 6:15 PM	04/14/2014 9:00 AM	38 Hours, 45 Minutes	Consumers Energy	RFC	Western and Central Michigan	Severe Weather - Thunderstorms	Unknown	50000
2014	4	04/12/2014 8:00 PM	04/15/2014 7:30 PM	71 Hours, 30 Minutes	Detroit Edison Company	RFC	Michigan	Severe Weather	Unknown	164000
2014	4	04/23/2014 7:45 PM	04/23/2014 8:37 PM	0 Hours, 52 Minutes	MISO / Entergy Transmission	SERC	Baton Rouge, Louisiana	Load shedding of 100 Megawatts	163	28000
2014	4	04/24/2014 3:02 PM	04/24/2014 5:13 PM	2 Hours, 11 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	4	04/27/2014 9:15 AM	ongoing	ongoing	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	9750	4000000
2014	4	04/29/2014 9:37 AM	05/01/2014 9:00 AM	47 Hours, 23 Minutes	Tennessee Valley Authority	SERC	Northeastern Mississippi, Northern Alabama	Severe Weather - Thunderstorms	Unknown	57000
2014	4	04/29/2014 11:30 PM	04/29/2014 12:30 PM	-11 Hours, 0 Minutes	Southern Company	SERC	Mississippi, Alabama	Severe Weather - Thunderstorms	355	106648
2014	4	04/30/2014 3:50 AM	04/30/2014 2:00 PM	10 Hours, 10 Minutes	Southern Company	SERC	Alabama, Florida, Georgia	Severe Weather - Thunderstorms	296	89000

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, 2013

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2013	1	01/17/2013 6:07 PM	01/20/2013 7:30 PM	73 Hours, 23 Minutes	American Electric Power (AEP)	RFC	Southwest Virginia, Southern West Virginia	Severe Weather - Winter Storm	Unknown	127000
2013	1	01/17/2013 7:02 PM	01/19/2013 6:00 PM	46 Hours, 58 Minutes	Tennessee Valley Authority	SERC	Northeast Tennessee	Severe Weather - Winter Storm	Unknown	80000
2013	1	01/17/2013 8:35 PM	01/17/2013 9:20 PM	0 Hours, 45 Minutes	North Carolina Eastern M P A	SERC	Elizabeth City, North Carolina	Distribution Interruption	40	12000
2013	1	01/20/2013 3:30 AM	01/23/2013 6:15 AM	74 Hours, 45 Minutes	Detroit Edison Co	RFC	Southeastern Michigan	Severe Weather - Wind Storm	Unknown	146500
2013	1	01/31/2013 3:05 AM	01/31/2013 4:48 AM	1 Hours, 43 Minutes	Dominion Virginia Power	SERC	Central and Eastern Virginia	Severe Weather - Wind Storm	188	119000
2013	1	01/31/2013 6:30 AM	01/31/2013 10:00 AM	3 Hours, 30 Minutes	ISO New England	NPCC	Connecticut	Severe Weather - Wind Storm	75	75000
2013	2	02/08/2013 11:38 AM	02/08/2013 2:17 PM	2 Hours, 39 Minutes	Potomac Electric Power Company	RFC	District of Columbia; Prince George's County Maryland	Equipment Trip & Failure	140	52000
2013	2	02/08/2013 8:00 PM	02/11/2013 8:30 PM	72 Hours, 30 Minutes	ISO New England/National Grid	NPCC	Central and eastern Massachusetts; Rhode Island	Severe Weather - Winter Storm Nemo	N/A	50000
2013	2	02/08/2013 8:55 PM	02/12/2013 4:00 AM	79 Hours, 5 Minutes	ISO New England/NSTAR	NPCC	Boston area and Southeast Massachusetts	Severe Weather - Winter Storm Nemo	Unknown	50000
2013	2	02/10/2013 7:46 PM	02/10/2013 8:15 PM	0 Hours, 29 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	Generator Trip; Voltage Reduction	350	Unknown
2013	2	02/13/2013 5:39 PM	02/15/2013 5:50 PM	48 Hours, 11 Minutes	Footprint Power Salem Harbor Operations LLC	NPCC	Eastern Massachusetts	Fuel Supply Emergency - Petroleum	1	1
2013	2	02/19/2013 4:01 PM	02/20/2013 12:55 PM	20 Hours, 54 Minutes	Pacific Gas & Electric Co.	WECC	Stockton, California	Electrical System Separation (Islanding)	13850	6810
2013	2	02/26/2013 1:00 PM	03/01/2013 10:00 AM	69 Hours, 0 Minutes	Associated Electric Coop, Inc	SERC	Northern Missouri	Severe Weather - Winter Storm Nemo	Unknown	56444
2013	3	03/03/2013 6:39 AM	03/03/2013 10:29 AM	3 Hours, 50 Minutes	Pacific Gas & Electric Co	WECC	Merced County, California	Transmission System Interruption	300	58850
2013	3	03/04/2013 9:49 AM	03/04/2013 10:00 PM	12 Hours, 11 Minutes	Puerto Rico Electric Power Authority	N/A	Metropolitan area Puerto Rico	Equipment Failure; Transmission System Interruption	Unknown	Unknown
2013	3	03/06/2013 8:22 AM	03/07/2013 10:27 AM	26 Hours, 5 Minutes	Dominion Virginia Power	SERC	Northwest Virginia	Severe Weather - Winter Storm	400	233000
2013	3	03/18/2013 5:21 AM	03/18/2013 5:41 AM	0 Hours, 20 Minutes	Puerto Rico Electric Power Authority	N/A	Systemwide Puerto Rico	Generator Trip; Load Shed	350	262937
2013	3	03/18/2013 7:30 PM	03/20/2013 2:30 PM	43 Hours, 0 Minutes	Southern Company	SERC	North/Central Alabama; Georgia	Severe Weather - Thunderstorms	800	240000
2013	4	04/18/2013 3:00 PM	04/21/2013 3:30 AM	60 Hours, 30 Minutes	Detroit Edison Co	RFC	Southeast Michigan, Michigan	Severe Weather - Storms and Wind	Unknown	99000
2013	4	04/23/2013 12:49 AM	04/23/2013 4:04 AM	3 Hours, 15 Minutes	Pacific Gas & Electric Co	WECC	South of Humboldt California	Electrical System Separation (Islanding)	80	1
2013	5	05/01/2013 9:22 AM	05/01/2013 9:24 AM	0 Hours, 2 Minutes	Xcel Energy/Public Service Company of Colorado	WECC	Northeast Colorado	Electrical System Separation (Islanding)	123	35230
2013	5	05/02/2013 6:52 AM	05/02/2013 10:07 AM	3 Hours, 15 Minutes	WECC	WECC	Unknown	Electrical System Separation (Islanding)	Unknown	Unknown
2013	5	05/09/2013 1:21 PM	05/09/2013 4:21 PM	3 Hours, 0 Minutes	WECC	WECC	Alberta, Canada; Washington State	Electrical System Separation (Islanding)	Unknown	Unknown
2013	5	05/13/2013 12:52 PM	12/01/2013 12:00 AM	4,835 Hours, 8 Minutes	California Department of Water Resources	WECC	Central California	Fuel Supply Emergency - Hydro	176	Unknown
2013	5	05/14/2013 12:01 AM	05/14/2013 1:59 PM	13 Hours, 58 Minutes	PacifiCorp	WECC	Portland, Oregon	Vandalism/Theft	N/A	N/A
2013	5	05/20/2013 3:00 PM	05/22/2013 5:00 PM	50 Hours, 0 Minutes	Oklahoma Gas & Electric Co	SPP	Moore, Oklahoma	Severe Weather - Tornados	Unknown	41306
2013	5	05/20/2013 5:22 PM	05/20/2013 9:09 PM	3 Hours, 47 Minutes	Entergy Transmission - SOC	SERC	Gonzales Area Louisiana	Generator Trip; Load Shed 100+ MW	103	21800
2013	5	05/22/2013 10:51 AM	05/22/2013 10:57 AM	0 Hours, 6 Minutes	Puerto Rico Electric Power Authority	N/A	System wide Puerto Rico	System Wide Voltage Reduction	280	197287
2013	5	05/29/2013 8:58 PM	05/31/2013 2:53 PM	41 Hours, 55 Minutes	Niagara Mohawk Power Corp.	NPCC	Central and Eastern New York	Severe Weather - Thunderstorms	Unknown	61795
2013	5	05/31/2013 1:00 AM	05/31/2013 1:30 AM	0 Hours, 30 Minutes	Southwest Power Pool, Inc.	SPP	Maumelle, Arkansas	Severe Weather - Lightning	N/A	N/A
2013	5	05/31/2013 6:00 PM	06/04/2013 10:30 AM	88 Hours, 30 Minutes	Oklahoma Gas & Electric Co	SPP	El Reno, S. Oklahoma City, Oklahoma	Severe Weather - Tornados	Unknown	127000
2013	5	05/31/2013 7:07 PM	06/01/2013 2:15 PM	19 Hours, 8 Minutes	Coffeyville Municipal Light and Power	MRO	Southeast Kansas, Northeast Oklahoma	Transmission System Interruption	102	6300
2013	5	05/31/2013 7:30 PM	06/01/2013 8:00 PM	24 Hours, 30 Minutes	Ameren Missouri	SERC	St. Louis Metro Area Missouri	Severe Weather - Thunderstorms	Unknown	100000
2013	6	06/03/2013 12:50 PM	06/03/2013 1:36 PM	0 Hours, 46 Minutes	WECC RC Vancouver	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2013	6	06/13/2013 1:17 PM	06/14/2013 5:35 PM	28 Hours, 18 Minutes	Duke Energy Carolinas	SERC	Western Piedmont North Carolina	Severe Weather - Thunderstorms	1000	175000
2013	6	06/13/2013 3:20 PM	06/14/2013 9:10 PM	29 Hours, 50 Minutes	American Electric Power	RFC; SERC	Ohio; Virginia; West Virginia	Severe Weather - Thunderstorms	Unknown	90247
2013	6	06/13/2013 3:30 PM	06/13/2013 4:00 PM	0 Hours, 30 Minutes	Potomac Electric Power Company	RFC	District of Columbia; Maryland	Loss of 300+ MW Load; Severe Weather - Thunderstorms	700	40000
2013	6	06/13/2013 4:08 PM	06/14/2013 5:16 PM	25 Hours, 8 Minutes	Dominion Virginia Power	SERC	Richmond Metro area, Virginia	Severe Weather - Thunderstorms	900	283000
2013	6	06/13/2013 5:45 PM	06/14/2013 6:30 PM	24 Hours, 45 Minutes	Duke Energy Progress	SERC	Central and Eastern North Carolina	Severe Weather - Thunderstorms	Unknown	53000
2013	6	06/13/2013 8:47 PM	06/14/2013 10:47 PM	26 Hours, 0 Minutes	Southern Company	SERC	Southern Company Territory	Severe Weather - Thunderstorms	550	165798
2013	6	06/17/2013 4:17 PM	06/17/2013 6:49 PM	2 Hours, 32 Minutes	Tampa Electric Co	FRCC	Hillsborough County Florida	Load Shed of 100+ MW Under Emergency Operational Policy	180	37
2013	6	06/18/2013 3:51 PM	06/18/2013 4:23 PM	0 Hours, 32 Minutes	Western Area Power Administration	WECC	Wyoming	Electrical System Separation (Islanding)	6	Unknown
2013	6	06/19/2013 7:57 PM	06/19/2013 8:09 PM	0 Hours, 12 Minutes	Western Electricity Coordinating Council	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2013	6	06/21/2013 3:00 AM	06/26/2013 12:00 PM	129 Hours, 0 Minutes	Xcel Energy	MRO	Minnesota	Severe Weather - Hailstorm	Unknown	193000
2013	6	06/21/2013 5:39 PM	06/24/2013 6:00 AM	60 Hours, 21 Minutes	Xcel Energy	MRO	Minneapolis/St. Paul area Minnesota	Severe Weather - Hailstorm	Unknown	400000
2013	6	06/23/2013 9:20 PM	06/24/2013 1:35 AM	4 Hours, 15 Minutes	Pacific Gas & Electric Co	WECC	Central Coast California	Severe Weather - Fog	Unknown	148000
2013	6	06/24/2013 7:30 PM	06/25/2013 5:46 PM	22 Hours, 16 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Weather - Thunderstorms	Unknown	283451
2013	6	06/24/2013 7:30 PM	06/26/2013 5:00 PM	45 Hours, 30 Minutes	Northern Indiana Public Service Company	RFC	Indiana	Severe Weather - Thunderstorms	Unknown	86615
2013	6	06/27/2013 5:00 PM	06/28/2013 12:00 AM	7 Hours, 0 Minutes	Detroit Edison Co	RFC	South Eastern Michigan	Severe Weather - Thunderstorms	Unknown	138000
2013	6	06/28/2013 6:02 PM	06/28/2013 8:46 PM	2 Hours, 44 Minutes	Southern California Edison Co	WECC	Los Angeles and Orange Counties, California	Equipment Failure	240	65255
2013	7	07/02/2013 2:20 PM	07/05/2013 3:30 PM	73 Hours, 10 Minutes	Western Electricity Coordinating Council	WECC	Alberta, Canada	Load Shed 100+MW	200	Unknown
2013	7	07/03/2013 12:04 PM	07/03/2013 12:48 PM	0 Hours, 44 Minutes	Puerto Rico Electric Power Authority	N/A	System-wide Puerto Rico	Voltage Reduction; Line and Generator Trip	480	393000
2013	7	07/10/2013 5:30 PM	07/11/2013 8:00 PM	26 Hours, 30 Minutes	American Electric Power	RFC	AEP Ohio Power Footprint	Severe Weather - Thunderstorms	N/A	122314
2013	7	07/17/2013 3:30 PM	07/19/2013 6:45 AM	39 Hours, 15 Minutes	Long Island Power Authority	NPCC	Holtsville, New York	Fuel Supply Emergency (Natural Gas)	417	Unknown
2013	7	07/18/2013 11:30 AM	07/19/2013 5:30 PM	30 Hours, 0 Minutes	Niagara Mohawk Power Corp.	NPCC	Upstate New York	Public Appeal - Heatwave	Unknown	Unknown
2013	7	07/18/2013 11:45 PM	07/19/2013 10:05 AM	10 Hours, 20 Minutes	San Diego Gas & Electric Co	WECC	Southern Orange County California	Equipment Failure	200	123000
2013	7	07/19/2013 6:00 PM	07/20/2013 9:00 AM	15 Hours, 0 Minutes	Detroit Edison Co	RFC	Michigan	Severe Weather - Thunderstorms	Unknown	156627
2013	7	07/19/2013 10:30 PM	07/21/2013 8:00 PM	45 Hours, 30 Minutes	Niagara Mohawk Power Corporation (dba National Grid)	NPCC	New York	Severe Weather - Thunderstorms	Unknown	74300
2013	7	07/23/2013 11:38 PM	07/25/2013 4:30 AM	28 Hours, 52 Minutes	American Electric Power	SPP	Tulsa, Oklahoma	Severe Weather - Thunderstorms	500	92748
2013	8	08/01/2013 6:54 PM	08/01/2013 7:37 PM	0 Hours, 43 Minutes	WECC RC Vancouver	WECC	Western British Columbia	Electrical System Separation (Islanding	420	Unknown
2013	8	08/01/2013 11:19 PM	08/02/2013 12:49 AM	1 Hours, 30 Minutes	Florida Power & Light Co	FRCC	Daytona Beach Florida	Load Shed 200+ MW	297	104498
2013	8	08/05/2013 6:35 PM	08/05/2013 6:45 PM	0 Hours, 10 Minutes	WECC RC Vancouver	WECC	Alberta, Canada	Electrical System Separation (Islanding); Severe Weather	Unknown	Unknown
2013	8	08/07/2013 12:15 AM	08/07/2013 9:27 PM	21 Hours, 12 Minutes	We Energies	MRO	Eastern Central Wisconsin	Severe Weather - Thunderstorms	220	51160
2013	8	08/07/2013 7:30 AM	08/07/2013 9:14 AM	1 Hours, 44 Minutes	Wisconsin Public Service Corp	MRO	Wisconsin	Fuel Supply Emergency (Natural Gas & Fuel Oil)	Unknown	Unknown

Table B.2 Major Disturbances and Unusual Occurrences, 2013

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2013	8	08/16/2013 4:58 PM	08/17/2013 11:58 PM	31 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston Service Area Texas	Severe Weather - Thunderstorms	Unknown	219681
2013	8	08/19/2013 7:06 PM	08/20/2013 6:02 AM	10 Hours, 56 Minutes	Southern California Edison Co	WECC	Central California	Severe Weather - Lightning Strike	685	124000
2013	8	08/29/2013 2:57 PM	08/29/2013 3:29 PM	0 Hours, 32 Minutes	Xcel Energy	MRO	Ashland, Wisconsin	Electrical System Separation (Islanding); Severe Weather	15	7000
2013	8	08/30/2013 7:30 PM	08/31/2013 1:30 AM	6 Hours, 0 Minutes	Exelon Corporation/ComEd	RFC	Entire ComEd territory Illinois	Severe Weather - Thunderstorms	Unknown	157000
2013	9	09/10/2013 5:42 PM	09/11/2013 12:02 AM	6 Hours, 20 Minutes	PJM Interconnection	RFC	Erie, Pennsylvania	Load Shed of 100+ MW	105	Unknown
2013	9	09/11/2013 4:00 PM	09/15/2013 4:00 PM	96 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeastern Michigan	Severe Weather - Thunderstorms	400	75000
2013	10	10/21/2013 5:18 AM	10/21/2013 5:33 AM	0 Hours, 15 Minutes	Pacific Gas & Electric Co	WECC	Location Unknown	Electrical System Separation (Islanding)	115	433
2013	10	10/27/2013 4:27 AM	10/27/2013 10:27 PM	18 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston, Texas	Severe Weather - Hail Storm	Unknown	171117
2013	11	11/02/2013 12:00 AM	11/04/2013 6:00 AM	54 Hours, 0 Minutes	Puget Sound Energy	WECC	King, Whatcom, and Skagit, Washington	Severe Weather - Heavy Winds	Unknown	105000
2013	11	11/12/2013 9:14 AM	11/12/2013 10:30 AM	1 Hours, 16 Minutes	Farmers' Electric Coop, Inc	SPP	Eastern Central New Mexico	Loss of Power from Wholesale Provider; Major Distribution Disruption	Unknown	Unknown
2013	11	11/12/2013 2:04 PM	11/12/2013 2:05 PM	0 Hours, 1 Minutes	Pacific Gas & Electric Co	WECC	Valle, California	Electrical System Separation (Islanding)	55	48400
2013	11	11/17/2013 7:00 AM	11/20/2013 6:54 PM	83 Hours, 54 Minutes	Detroit Edison Co	RFC	Michigan	Severe Weather - Ice and Snow Storm	Unknown	325325
2013	11	11/17/2013 12:35 PM	11/17/2013 1:40 PM	1 Hours, 5 Minutes	City of Rochelle	RFC	Rochelle, Indiana	System-wide voltage reductions of 3 percent or more	38	7500
2013	11	11/17/2013 12:35 PM	11/20/2013 11:00 AM	70 Hours, 25 Minutes	Ameren Missouri	SERC	Central Missouri, Central Illinois	Severe Weather - Tornadoes	Unknown	200000
2013	11	11/17/2013 1:06 PM	11/20/2013 1:06 PM	72 Hours, 0 Minutes	Northern Indiana Public Service Company	RFC	North Central Indiana	Severe Weather - Thunderstorms	Unknown	75065
2013	11	11/17/2013 2:31 PM	11/17/2013 10:30 PM	7 Hours, 59 Minutes	Commonwealth Edison Co	RFC	Entire ComEd Territory Illinois	Severe Weather - Thunderstorms	Unknown	190000
2013	11	11/17/2013 4:19 PM	11/18/2013 6:00 PM	25 Hours, 41 Minutes	American Electric Power	RFC	Indiana, Michigan	Severe Weather - Thunderstorms	Unknown	77346
2013	11	11/17/2013 4:45 PM	11/21/2013 4:45 PM	96 Hours, 0 Minutes	Consumers Energy Co	RFC	Entire Lower Peninsula Michigan	Severe Weather - Thunderstorms	Unknown	50000
2013	11	11/17/2013 4:47 PM	11/20/2013 11:59 AM	67 Hours, 12 Minutes	Duke Energy Indiana Inc	RFC	Central Indiana	Severe Weather - Tornadoes	535	61705
2013	11	11/17/2013 4:47 PM	11/20/2013 4:47 PM	72 Hours, 0 Minutes	Duke Energy Midwest	RFC	Central Indiana	Severe Weather - Thunderstorms	Unknown	61705
2013	11	11/21/2013 7:45 PM	11/22/2013 3:20 AM	7 Hours, 35 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Severe Weather - Wind Storm	150	89500
2013	12	12/04/2013 5:00 AM	12/04/2013 4:17 PM	11 Hours, 17 Minutes	WECC - Loveland	WECC	Idaho Falls Area Idaho, Utah-Idaho Border Utah	Load Shed 100+ MW	150	Unknown
2013	12	12/06/2013 1:51 AM	12/11/2013 12:00 PM	130 Hours, 9 Minutes	Oncor Electric Delivery Company LLC	TRE	Greater Houston, Texas	Severe Weather - Ice/Snow	Unknown	881000
2013	12	12/09/2013 6:54 AM	12/09/2013 2:22 PM	7 Hours, 28 Minutes	Dominion Virginia Power	SERC	Virginia Service Territory	Severe Weather - Ice/Snow	293	88000
2013	12	12/13/2013 11:00 AM	12/27/2013 11:00 AM	336 Hours, 0 Minutes	Texas Municipal Power Agency	TE	Texas	Fuel Supply Emergencies (Coal)	Unknown	Unknown
2013	12	12/13/2013 11:00 AM	12/27/2013 11:00 AM	336 Hours, 0 Minutes	City of Garland	TRE	Texas	Fuel Supply Emergencies (Coal)	Unknown	Unknown
2013	12	12/22/2013 3:28 AM	12/28/2013 11:45 PM	164 Hours, 17 Minutes	Consumers Energy Co	RFC	Southern Lower Penninsula, Michigan	Severe Weather - Ice/Snow	Unknown	50000
2013	12	12/22/2013 6:16 AM	12/24/2013 11:59 PM	65 Hours, 43 Minutes	Niagara Mohawk Power Corp.	NPCC	Frontier/Genesee/Northern New York	Severe Weather - Ice/Snow	Unknown	59000
2013	12	12/22/2013 6:30 AM	12/25/2013 5:12 AM	70 Hours, 42 Minutes	Detroit Edison Co	RFC	Michigan	Severe Weather - Ice/Snow	350	140735
2013	12	12/23/2013 3:20 PM	12/25/2013 11:32 AM	44 Hours, 12 Minutes	Central Maine Power Co	NPCC	Central Maine Maine	Severe Weather - Ice/Snow	Unknown	52500

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 approxi-mately 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 approxi-mately 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 sample21,24. 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.

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/cneaf/electricity/page/forms.html.

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

- FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants,"
- Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report,"
- Form EIA-759, "Monthly Power Plant Report,"
- Form EIA-860A, "Annual Electric Generator Report–Utility,"
- Form EIA-860B, "Annual Electric Generator Report–Nonutility,"
- Form EIA-900, "Monthly Nonutility Power Report,"
- Form EIA-906, "Power Plant Report," and
- Form EIA-920, "Combined Heat and Power Plant Report."

See Appendix A of the historical Electric Power Annual reports to find descriptions of forms that are no longer in use. The publications can be found from the top of the current EPA under previous issues: http://www.eia.gov/electricity/annual.

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

Percent difference: The following formula is used to calculate percent differences:

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

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

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 elec-tric 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 estimates[1].

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.

Prime Movers: The Form EIA-860 sometimes represents a generator's prime mover by using the abbrebiations in the table below.

Prime Mover Code	Prime Mover Description
BA	Energy Storage, Battery
CE	Energy Storage, Compressed Air
CP	Energy Storage, Concentrated Solar Power
FW	Energy Storage, Flywheel
PS	Energy Storage, Reversible Hydraulic Turbine (Pumped Storage)
ES	Energy Storage, Other
ST	Steam Turbine, including nuclear, geothermal and solar steam (does not include combined cycle)
GT	Combustion (Gas) Turbine (including jet engine design)
IC	Internal Combustion Engine (diesel, piston, reciprocating)
CA	Combined Cycle Steam Part
CT	Combined Cycle Combustion Turbine Part
CS	Combined Cycle Single Shaft
CC	Combined Cycle Total Unit
HA	Hydrokinetic, Axial Flow Turbine
HB	Hydrokinetic, Wave Buoy
HK	Hydrokinetic, Other
HY	Hydroelectric Turbine (including turbines associated with delivery of water by pipeline)
BT	Turbines Used in a Binary Cycle (including those used for geothermal applications)
PV	Photovoltaic
WT	Wind Turbine, Onshore
WS	Wind Turbine, Offshore
FC	Fuel Cell
OT	Other

Energy Sources: The Form EIA-860 sometimes represents the energy sources associated with generators by using the abbreviations and/or groupings in the table below.

Energy Source Grouping	Energy Source Code	Energy Source Description
Coal	ANT	Anthracite Coal
	BIT	Bituminous Coal
	LIG	Lignite Coal
	SUB	Subbituminous Coal
	SGC	Coal-Derived Synthesis Gas
	WC	Waste/Other Coal (including anthracite culm, bituminous gob, fine coal, lignite waste, waste coal)
Petroleum Products	DFO	Distillate Fuel Oil (including diesel, No. 1, No. 2, and No. 4 fuel oils)
	JF	Jet Fuel
	KER	Kerosene
	PC	Petroleum Coke
	PG	Gaseous Propane
	RFO	Residual Fuel Oil (including No. 5, and No. 6 fuel oils, and bunker C fuel oil)
	SG	Synthesis Gas from Petroleum Coke
	WO	Waste/Other Oil (including crude oil, liquid butane, liquid propane, naphtha, oil waste, re-refined motor oil, sludge oil, tar oil, or other petroleum-based liquid wastes)
Natural Gas and Other Gases	BFG	Blast Furnace Gas
	NG	Natural Gas
	OG	Other Gas
Nuclear	NUC	Nuclear (including Uranium, Plutonium, and Thorium)
Hydroelectric Conventional	WAT (Prime Mover = HY)	Water at a Conventional Hydroelectric Turbine, and water used in Wave Buoy Hydrokinetic Technology, Current Hydrokinetic Technology, and Tidal Hydrokinetic Technology
Hydroelectric Pumped Storage	WAT (Prime Mover = PS)	Pumping Energy for Reversible (Pumped Storage) Hydroelectric Turbine
Wood and Wood-Derived Fuels	WDS	Wood/Wood Waste Solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids)
	WDL	Wood Waste Liquids (excluding Black Liquor but including red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids)
	BLQ	Black Liquor
Other Biomass	AB	Agricultural By-Products
	MSW	Municipal Solid Waste
	OBG	Other Biomass Gas (including digester gas, methane, and other biomass gases)
	OBL	Other Biomass Liquids
	OBS	Other Biomass Solids
	LFG	Landfill Gas
	SLW	Sludge Waste
Other Renewable Energy Sources	SUN	Solar (including solar thermal)
	WND	Wind
	GEO	Geothermal
Other Energy Sources	PUR	Purchased Steam
	WH	Waste heat not directly attributed to a fuel source
	TDF	Tire-Derived Fuels
	MWH	Electricity used for energy storage
	OTH	Other

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 per-formed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA 861 and similar data reported on the 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 Schedule 2 of the Form EIA-923 in January of 2008. At the time, the Form EIA-923 maintained the 50-megawatt threshold for these data. In January 2013, the threshold was changed to 200 megawatts for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. The requirement to report self-produced and minor fuels, i.e., blast furnace gas, other manufactured gases, kerosene, jet fuel, propane, and waste oils was eliminated. The threshold for coal plants remained at 50 megawatts.

Not all data are collected monthly on the Form EIA-923. Beginning with 2008 data, a sample of the respondents report monthly, with the remainder reporting annually. Until January 2013, monthly fuel receipts values for the annual surveys were imputed via regression. Prior to 2008, Schedule 2 annual data were not collected or imputed.

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 are performed as the data are 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 are manually entered into the computerized database. The data are subjected to the same edits as those that are electronically submitted.

If the reported data appear to be in error and the data issue cannot be resolved by follow up contact with the respondent, or if a facility is a nonrespondent, a regression methodology is used to impute for the facility. Beginning in January 2013, imputation is not performed for fuel receipts data reported on Schedule 2.

Imputation: For select survey data elements collected monthly, regression prediction, or imputation, is done for 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. All plants with a total fossil-fueled nameplate capacity of 50 megawatts or more (excluding storage terminals, which do not produce electricity) were required to report receipts of fossil fuels. In January 2013, the threshold was changed to 200 megawatts for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. The requirement to report self-produced and minor fuels, i.e., blast furnace gas, other manufactured gases, kerosene, jet fuel, propane, and waste oils was eliminated. The threshold for coal plants remained at 50 megawatts. The data on cost and quality of fuel shipments are 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	2007	2008	2009	2010
Biogenic	57	56	55	55	56	57	55	54	51	50
Non-biogenic	43	44	45	45	44	43	46	46	49	50

Table 2. Tonnage consumption for biogenic and non-biogenic municipal solid waste (percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Biogenic	77	77	76	76	75	67	65	65	64	64
Non-biogenic	23	23	24	24	25	34	35	35	36	36

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).

Conversion of propane gas to liquid petroleum: The quantity conversion is 1.53 Mcf (thousand cubic feet) per barrel (or 42 U.S. gallons each).

Conversion of synthesis gas from coal to coal: The quantity conversion is 98 Mcf (thousand cubic feet) per short ton (2,000 pounds).

Conversion of synthesis gas from petroleum coke to petroleum coke: The quantity conversion is 107.42 Mcf (thousand cubic feet) 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. In January 2013, this estimation procedure was dropped.

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)).

Average Capacity Factors

This section describes the methodology for calculating capacity factors by fuel and technology type for operating electric power plants. Capacity factor is a measure (expressed as a percent) of how often an electric generator operates over a specific period of time, using a ratio of the actual output to the maximum possible output over that time period.

The capacity factor calculation only includes operating electric generators in the Electric Power Sector (sectors 1, 2 and 3) using the net generation reported on the Form EIA-923 and the net summer capacity reported on the Form EIA-860. The capacity factor for a particular fuel/technology type is given by:

$$CapacityFactor = \left(\frac{\sum_{x,m} Generation_{x,m}}{\sum_{x,m} Generation_{x,m} * AvailableTime_{x,m}} \right)$$

Where x represents generators of that fuel/technology combination and m represents the period of time (month or year). Generation and capacity are specific to a generator, and the generator is categorized by its primary fuel type as reported on the EIA-860. All generation from that generator is included, regardless of other fuels consumed. Available time is also specific to the generator in order to account for differing online and retirement dates. Therefore, these published capacity factors will differ from a simple calculation using annual generation and capacity totals from the appropriate tables in this publication.

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

23

Manufacturing

311 Food and kindred products
3122 Tobacco products
314 Textile and mill products
315 Apparel and other finished products made from fabrics and similar materials
316 Leather and leather products
321 Lumber and wood products, except furniture
322 Paper and allied products (other than 322122 or 32213)
322122 Paper mills, except building paper
32213 Paperboard mills
323 Printing and publishing
324 Petroleum refining and related industries (other than 32411)
32411 Petroleum refining
325 Chemicals and allied products (other than 325188, 325211, 32512, or 325311)
32512 Industrial organic chemicals
325188 Industrial Inorganic Chemicals
325211 Plastics materials and resins
325311 Nitrogenous fertilizers
326 Rubber and miscellaneous plastic products
327 Stone, clay, glass, and concrete products (other than 32731)
32731 Cement, hydraulic
331 Primary metal industries (other than 331111 or 331312)
331111 Blast furnaces and steel mills
331312 Primary aluminum
332 Fabricated metal products, except machinery and transportation equipment
333 Industrial and commercial equipment and components except computer equipment
3345 Measuring, analyzing, and controlling instruments, photographic, medical, and optical goods, watches and clocks
335 Electronic and other electrical equipment and components except computer equipment
336 Transportation equipment
337 Furniture and fixtures
339 Miscellaneous manufacturing industries

Transportation and Public Utilities

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

Wholesale Trade

421 to 422

Retail Trade

441 to 454

Finance, Insurance, and Real Estate

521 to 533

Services

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

Public Administration

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[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 C.1 Average Heat Content of Fossil-Fuel Receipts, April 2014

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	24.37	5.99	--	1.03
Connecticut	--	5.83	--	1.03
Maine	25.18	6.27	--	1.03
Massachusetts	23.92	6.25	--	1.03
New Hampshire	24.78	5.80	--	1.03
Rhode Island	--	5.80	--	1.03
Vermont	--	--	--	--
Middle Atlantic	23.88	6.26	--	1.03
New Jersey	25.49	6.19	--	1.03
New York	24.26	6.31	--	1.03
Pennsylvania	23.79	5.81	--	1.04
East North Central	20.32	5.79	27.92	1.03
Illinois	17.66	5.79	--	1.02
Indiana	22.10	5.77	28.00	1.02
Michigan	19.44	5.85	27.29	1.02
Ohio	24.01	5.77	28.32	1.04
Wisconsin	18.33	5.84	28.03	1.03
West North Central	16.71	5.81	--	1.03
Iowa	17.23	5.82	--	1.04
Kansas	17.30	5.78	--	1.02
Minnesota	17.75	5.79	--	1.04
Missouri	17.62	5.81	--	1.02
Nebraska	16.90	5.80	--	1.04
North Dakota	13.20	5.91	--	--
South Dakota	16.72	--	--	1.03
South Atlantic	23.82	5.84	28.49	1.02
Delaware	26.02	5.67	--	1.06
District of Columbia	--	--	--	--
Florida	23.66	5.80	28.51	1.02
Georgia	20.40	5.86	28.02	1.02
Maryland	24.98	5.82	--	1.06
North Carolina	24.79	5.76	--	1.02
South Carolina	25.06	6.03	--	1.02
Virginia	24.83	5.88	--	1.04
West Virginia	24.38	5.77	--	1.03
East South Central	21.35	5.79	28.69	1.02
Alabama	20.49	5.76	--	1.02
Kentucky	22.71	5.80	28.69	1.03
Mississippi	16.83	5.84	--	1.03
Tennessee	21.47	5.76	--	1.00
West South Central	16.20	5.85	28.46	1.03
Arkansas	17.57	5.86	--	1.03
Louisiana	17.29	5.85	28.46	1.03
Oklahoma	17.16	--	--	1.04
Texas	15.61	5.84	--	1.02
Mountain	19.09	5.72	--	1.03
Arizona	19.83	5.47	--	1.03
Colorado	19.24	--	--	1.04
Idaho	--	--	--	1.03
Montana	16.84	5.92	--	--
Nevada	22.90	5.83	--	1.03
New Mexico	17.99	5.66	--	1.03
Utah	22.03	5.84	--	1.03
Wyoming	17.29	5.83	--	1.04
Pacific Contiguous	17.78	--	--	1.03
California	23.40	--	--	1.03
Oregon	17.07	--	--	1.02
Washington	16.96	--	--	1.05
Pacific Noncontiguous	20.96	6.14	--	1.01
Alaska	--	--	--	1.01
Hawaii	20.96	6.14	--	--
U.S. Total	19.85	6.04	28.35	1.03

'Coal' includes anthracite, bituminous, subbituminous, lignite, waste coal, synthetic coal, and coal-derived synthesis gas.
'Petroleum Liquids' include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
'Petroleum Coke' includes petroleum coke and synthesis gas derived from petroleum coke.
'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 C.2. Comparison of Preliminary Monthly Data Versus Final Monthly Data at the U.S. Level, 2010 through 2012

	Mean Absolute Value of Percent Change Total (All Sectors)		
Item	**2010**	**2011**	**2012**
Net Generation			
Coal	0.20%	0.15%	0.20%
Petroleum Liquids	1.88%	2.67%	4.25%
Petroleum Coke	1.75%	14.41%	2.45%
Natural Gas	0.76%	0.41%	0.46%
Other Gases	1.55%	2.95%	6.36%
Hydroelectric	0.97%	2.03%	0.70%
Nuclear	0.00%	0.00%	0.00%
Other	0.78%	1.03%	1.08%
Total	**0.17%**	**0.16%**	**0.20%**
Consumption of Fossil Fuels for Electricity Generation			
Coal	0.11%	0.23%	0.16%
Petroleum Liquids	1.49%	2.90%	4.47%
Petroleum Coke	1.50%	9.93%	3.99%
Natural Gas	0.70%	0.28%	0.37%
Fuel Stocks for Electric Power Sector			
Coal	0.18%	0.46%	0.57%
Petroleum Liquids	0.67%	0.55%	0.64%
Petroleum Coke	3.76%	2.64%	8.22%
Retail Sales			
Residential	0.32%	0.15%	0.16%
Commercial	0.14%	0.66%	0.39%
Industrial	0.94%	1.61%	0.50%
Transportation	1.77%	0.88%	2.44%
Total	**0.18%**	**0.64%**	**0.27%**
Revenue			
Residential	0.71%	0.73%	0.13%
Commercial	0.61%	0.24%	0.20%
Industrial	0.70%	0.58%	0.20%
Transportation	4.35%	0.29%	1.09%
Total	**0.45%**	**0.31%**	**0.13%**
Average Retail Price			
Residential	0.43%	0.66%	0.10%
Commercial	0.67%	0.79%	0.27%
Industrial	0.40%	1.02%	0.39%
Transportation	3.74%	1.08%	1.57%
Total	**0.56%**	**0.90%**	**0.21%**
Receipt of Fossil Fuels			
Coal	0.58%	1.15%	0.99%
Petroleum Liquids	4.09%	5.25%	23.68%
Petroleum Coke	3.77%	16.19%	13.72%
Natural Gas	0.81%	0.52%	10.47%
Cost of Fossil Fuels			
Coal	0.18%	0.31%	0.90%
Petroleum Liquids	0.24%	1.55%	0.53%
Petroleum Coke	2.37%	8.98%	11.66%
Natural Gas	0.20%	0.50%	0.77%

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.
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. Excludes blast furnace gas and other gases.
Hydroelectric includes conventional hydroelectric and hydroelectric pumped storage facilities.
Other generation includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.
Fuel Stocks are end-of-month values.
See technical notes (http://www.eia.gov/cneaf/electricity/epm/appenc.pdf) for additional information on the Commercial, Industrial and Transportation sectors.
Cost of Fossil Fuels represent weighted values.
Notes: Mean absolute value of percent change is the unweighted average of the absolute percent cahnges.
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 C.3. Comparison of Preliminary Annual Data Versus Final Annual Data at the U.S. Level, 2010 through 2012

	2010			2011			2012		
Item	Preliminary Annual Data	Final Annual Data	Percent Change	Preliminary Annual Data	Final Annual Data	Percent Change	Preliminary Annual Data	Final Annual Data	Percent Change
Net Generation (Thousand MWh)									
Coal	1,850,750	1,847,290	-0.19%	1,734,265	1,733,430	-0.05%	1,517,203	1,514,043	-0.21%
Petroleum Liquids	23,397	23,337	-0.26%	15,840	16,086	1.56%	13,209	13,403	1.47%
Petroleum Coke	13,528	13,724	1.45%	12,322	14,096	14.39%	9,691	9,787	0.99%
Natural Gas	981,815	987,697	0.60%	1,016,595	1,013,689	-0.29%	1,230,708	1,225,894	-0.39%
Other Gases	11,193	11,313	1.07%	11,269	11,566	2.64%	11,212	11,898	6.11%
Hydroelectric	252,961	254,702	0.69%	319,162	312,934	-1.95%	271,878	271,290	-0.22%
Nuclear	806,968	806,968	0.00%	790,225	790,204	0.00%	769,331	769,331	0.00%
Other	179,416	180,028	0.34%	206,057	208,135	1.01%	231,253	232,120	0.37%
Total	**4,120,028**	**4,125,060**	**0.12%**	**4,105,734**	**4,100,141**	**-0.14%**	**4,054,485**	**4,047,765**	**-0.17%**
Consumption of Fossil Fuels for Electricity Generation									
Coal (1,000 tons)	979,555	979,684	0.01%	932,911	934,938	0.22%	826,700	825,734	-0.12%
Petroleum Liquids (1,000 barrels)	40,041	40,103	0.15%	26,728	27,326	2.24%	22,523	22,604	0.36%
Petroleum Coke (1,000 tons)	4,956	4,994	0.76%	4,561	5,012	9.89%	3,552	3,675	3.44%
Natural Gas (1,000 Mcf)	7,633,469	7,680,185	0.61%	7,880,481	7,883,865	0.04%	9,465,207	9,484,710	0.21%
Fuel Stocks for Electric Power Sector									
Coal (1,000 tons)	175,160	174,917	-0.14%	175,100	172,387	-1.55%	184,923	185,116	0.10%
Petroleum Liquids (1,000 barrels)	36,126	35,706	-1.16%	35,260	34,847	-1.17%	31,897	32,224	1.03%
Petroleum Coke (1,000 tons)	1,087	1,019	-6.31%	470	508	8.17%	495	495	-0.01%
Retail Sales (Million kWh)									
Residential	1,450,758	1,445,708	-0.35%	1,423,700	1,422,801	-0.06%	1,374,594	1,374,515	-0.01%
Commercial	1,329,322	1,330,199	0.07%	1,319,288	1,328,057	0.66%	1,323,844	1,327,101	0.25%
Industrial	962,165	971,221	0.94%	975,569	991,316	1.61%	980,837	985,714	0.50%
Transportation	7,740	7,712	-0.35%	7,606	7,672	0.87%	7,504	7,320	-2.45%
Total	**3,749,985**	**3,754,841**	**0.13%**	**3,726,163**	**3,749,846**	**0.64%**	**3,686,780**	**3,694,650**	**0.21%**
Revenue (Million Dollars)									
Residential	167,957	166,778	-0.70%	167,930	166,714	-0.72%	163,352	163,280	-0.04%
Commercial	136,361	135,554	-0.59%	136,138	135,927	-0.16%	133,908	133,898	-0.01%
Industrial	65,311	65,772	0.71%	67,212	67,606	0.59%	65,691	65,761	0.11%
Transportation	848	814	-4.01%	805	803	-0.25%	754	747	-0.90%
Total	**370,477**	**368,918**	**-0.42%**	**372,084**	**371,049**	**-0.28%**	**363,705**	**363,687**	**0.00%**
Average Retail Price (Cents/kWh)									
Residential	11.58	11.54	-0.36%	11.80	11.72	-0.66%	11.88	11.88	-0.04%
Commercial	10.26	10.19	-0.66%	10.32	10.24	-0.81%	10.12	10.09	-0.25%
Industrial	6.79	6.77	-0.23%	6.89	6.82	-1.01%	6.70	6.67	-0.39%
Transportation	10.96	10.56	-3.67%	10.58	10.46	-1.11%	10.05	10.21	1.59%
Total	**9.88**	**9.83**	**-0.55%**	**9.99**	**9.90**	**-0.91%**	**9.87**	**9.84**	**-0.22%**
Receipt of Fossil Fuels									
Coal (1,000 tons)	976,052	979,918	0.40%	945,581	956,538	1.16%	849,667	841,183	-1.00%
Petroleum Liquids (1,000 barrels)	46,156	45,472	-1.48%	34,342	36,158	5.29%	25,485	19,464	-23.63%
Petroleum Coke (1,000 tons)	5,868	5,963	1.61%	5,163	5,980	15.82%	4,858	4,180	-13.95%
Natural Gas (1,000 Mcf)	8,605,619	8,673,070	0.78%	9,025,066	9,056,164	0.34%	10,631,822	9,531,389	-10.35%
Cost of Fossil Fuels (Dollars per Million Btu)									
Coal (1,000 tons)	2.27	2.27	0.10%	2.40	2.39	-0.25%	2.40	2.38	-0.89%
Petroleum Liquids (1,000 barrels)	14.03	14.02	-0.06%	20.10	19.94	-0.76%	21.82	21.85	0.12%
Petroleum Coke (1,000 tons)	2.23	2.28	2.36%	2.80	3.03	8.27%	2.54	2.24	-11.90%
Natural Gas (1,000 Mcf)	5.08	5.09	0.20%	4.71	4.72	0.41%	3.40	3.42	0.64%

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.
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. Excludes blast furnace gas and other gases.
Hydroelectric includes conventional hydroelectric and hydroelectric pumped storage facilities.
Other generation includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.
Fuel Stocks are end-of-year values.
See technical notes (http://www.eia.gov/cneaf/electricity/epm/appenc.pdf) for additional information on the Commercial, Industrial and Transportation sectors.
Cost of Fossil Fuels represent weighted values.
Notes: The average revenue per kilowatthour is calculated by dividing revenue by sales. Totals may not equal sum of components because of independent rounding.
Percent changes refer to the difference between the preliminary data published in the Electric Power Monthly (EPM) and the final data published in the EPM. Values for 2012 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 C.4. 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

Glossary

Anthracite: The highest rank of coal; used primarily for residential and commercial space heating. It is a hard, brittle, and black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. The moisture content of fresh-mined anthracite generally is less than 15 percent. The heat content of anthracite ranges from 22 to 28 million Btu per ton on a moist, mineral-matter-free basis. The heat content of anthracite coal consumed in the United States averages 25 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter). Note: Since the 1980's, anthracite refuse or mine waste has been used for steam electric power generation. This fuel typically has a heat content of 15 million Btu per ton or less.

Ash: Impurities consisting of silica, iron, aluminum, and other noncombustible matter that are contained in coal. Ash increases the weight of coal, adds to the cost of handling, and can affect its burning characteristics. Ash content is measured as a percent by weight of coal on a "received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Ash content: The amount of ash contained in the fuel (except gas) in terms of percent by weight.

Average Retail Price of Electricity (formerly known as Average Revenue per Kilowatthour): The average revenue per kilowatthour of electricity sold by sector (residential, commercial, industrial, or other) and geographic area (State, Census division, and national), is calculated by dividing the total monthly revenue by the corresponding total monthly sales for each sector and geographic area.

Barrel: A unit of volume equal to 42 U.S. gallons.

Biomass: Organic non-fossil material of biological origin constituting a renewable energy resource.

Bituminous coal: A dense coal, usually black, sometimes dark brown, often with well-defined bands of bright and dull material, used primarily as fuel in steam-electric power generation, with substantial quantities also used for heat and power applications in manufacturing and to make coke. Bituminous coal is the most abundant coal in active U.S. mining regions. Its moisture content usually is less than 20 percent. The heat content of bituminous coal ranges from 21 to 30 million Btu per ton on a moist, mineral-matter-free basis. The heat content of bituminous coal consumed in the United States averages 24 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

British thermal unit: The quantity of heat required to raise the temperature of 1 pound of liquid water by 1 degree Fahrenheit at the temperature at which water has its greatest density (approximately 39 degrees Fahrenheit).

Btu: The abbreviation for British thermal unit(s).

Capacity: See Generator Capacity and Generator Name Plate Capacity (Installed).

Census Divisions: Any of nine geographic areas of the United States as defined by the U.S. Department of Commerce, Bureau of the Census. The divisions, each consisting of several States, are defined as follows:

1) *New England:* Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont;
2) *Middle Atlantic:* New Jersey, New York, and Pennsylvania;
3) *East North Central:* Illinois, Indiana, Michigan, Ohio, and Wisconsin;
4) *West North Central:* Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota;
5) *South Atlantic:* Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia;
6) *East South Central:* Alabama, Kentucky, Mississippi, and Tennessee;
7) *West South Central:* Arkansas, Louisiana, Oklahoma, and Texas;
8) *Mountain:* Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming;
9) *Pacific:* Alaska, California, Hawaii, Oregon, and Washington.

Note: Each division is a sub-area within a broader Census Region. In some cases, the Pacific division is subdivided into the Pacific Contiguous area (California, Oregon, and Washington) and the Pacific Noncontiguous area (Alaska and Hawaii).

Coal: A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Coal synfuel: Coal-based solid fuel that has been processed by a coal synfuel plant; and coal-based fuels such as briquettes, pellets, or extrusions, which are formed from fresh or recycled coal and binding materials.

Coke (petroleum): A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Combined cycle: An electric generating technology in which electricity is produced from otherwise lost waste heat exiting from one or more gas (combustion) turbine-generators. The exiting heat from the combustion turbine(s) is routed to a conventional boiler or to a heat recovery steam generator for utilization by a steam turbine in the production of additional electricity.

Combined heat and power (CHP): Includes plants designed to produce both heat and electricity from a single heat source. *Note:* This term is being used in place of the term "cogenerator" that was used by EIA in the past. CHP better describes the facilities because some of the plants included do not produce heat and power in a sequential fashion and, as a result, do not meet the legal definition of cogeneration specified in the Public Utility Regulatory Policies Act (PURPA).

Commercial sector: An energy-consuming sector that consists of service-providing facilities and equipment of: businesses; Federal, State, and local governments; and other private and public organizations, such as religious, social, or fraternal groups. The commercial sector includes institutional living quarters. It also includes sewage treatment facilities. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a wide variety of other equipment. *Note:* This sector includes generators that produce electricity and/or useful thermal output primarily to support the activities of the above-mentioned commercial establishments.

Consumption (fuel): The use of energy as a source of heat or power or as a raw material input to a manufacturing process.

Cost: The amount paid to acquire resources, such as plant and equipment, fuel, or labor services.

Demand (electric): The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

Diesel: A distillate fuel oil that is used in diesel engines such as those used for transportation and for electric power generation.

Distillate fuel oil: *A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.*

1) *No. 1 Distillate:* A light petroleum distillate that can be used as either a diesel fuel (see No. 1 Diesel Fuel) or a fuel oil. See No. 1 Fuel Oil.

- *No. 1 Diesel fuel:* A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in city buses and similar vehicles. See No. 1 Distillate above.
- *No. 1 Fuel oil:* A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See No. 1 Distillate above.

2) *No. 2 Distillate:* A petroleum distillate that can be used as either a diesel fuel (see No. 2 Diesel Fuel definition below) or a fuel oil. See No. 2 Fuel oil below.

- *No. 2 Diesel fuel:* A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See No. 2 Distillate above.

3) *No. 4 Fuel:* A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

- *No. 4 Diesel fuel and No. 4 Fuel oil:* See No. 4 Fuel above.

Electric industry restructuring: The process of replacing a monopolistic system of electric utility suppliers with competing sellers, allowing individual retail customers to choose their supplier but still receive delivery over the power lines of the local utility. It includes the reconfiguration of vertically integrated electric utilities.

Electric plant (physical): A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

Electric power sector: An energy-consuming sector that consists of electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public-- i. e., North American Industry Classification System 22 plants.

Electric utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, "electric utility" currently has inconsistent interpretations from State to State.

Electricity: A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.

Electricity generation: The process of producing electric energy or the amount of electric energy produced by transforming other forms of energy, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Electricity generators: The facilities that produce only electricity, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Energy: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units.

Energy conservation features: This includes building shell conservation features, HVAC conservation features, lighting conservation features, any conservation features, and other conservation features incorporated by the building. However, this category does not include any demand-side management (DSM) program participation by the building. Any DSM program participation is included in the DSM Programs.

Energy efficiency: Refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided. These programs reduce overall electricity consumption (reported in megawatthours), often without explicit consideration for the timing of program-induced savings. Such savings are generally achieved by substituting technically more advanced equipment to produce the same level of end-use services (e.g. lighting, heating, motor drive) with less electricity. Examples include high-efficiency appliances, efficient lighting programs, high-efficiency heating, ventilating and air conditioning (HVAC) systems or control modifications, efficient building design, advanced electric motor drives, and heat recovery systems.

Energy service provider: An energy entity that provides service to a retail or end-use customer.

Energy source: Any substance or natural phenomenon that can be consumed or transformed to supply heat or power. Examples include petroleum, coal, natural gas, nuclear, biomass, electricity, wind, sunlight, geothermal, water movement, and hydrogen in fuel cells.

Energy-only service: Retail sales services for which the company provided only the energy consumed, where another entity provides delivery services.

Fossil fuel: An energy source formed in the earths crust from decayed organic material. The common fossil fuels are petroleum, coal, and natural gas.

Franchised service area: A specified geographical area in which a utility has been granted the exclusive right to serve customers. A franchise allows an entity to use city streets, alleys and other public lands in order to provide, distribute, and sell services to the community.

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

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

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

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

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

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

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

Geothermal: Pertaining to heat within the Earth.

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

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

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

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

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

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

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

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

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

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

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

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

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

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

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

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

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

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

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

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts of electricity.

Megawatthour (MWh): One million watthours.

Municipal utility: A nonprofit utility, owned by a local municipality and operated as a department thereof, governed by a city council or an independently elected or appointed board; primarily involved in the distribution and/or sale of retail electric power.

Natural gas: A gaseous mixture of hydrocarbon compounds, the primary one being methane. Note: The Energy Information Administration measures wet natural gas and its two sources of production, associated/dissolved natural gas and nonassociated natural gas, and dry natural gas, which is produced from wet natural gas.

1) *Wet natural gas:* A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in porous rock formations at reservoir conditions. The principal hydrocarbons normally contained in the mixture are methane, ethane, propane, butane, and pentane. Typical nonhydrocarbon gases that may be present in reservoir natural gas are water vapor, carbon dioxide, hydrogen sulfide, nitrogen and trace amounts of helium. Under reservoir conditions, natural gas and its associated liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil and are not distinguishable at the time as separate substances. Note: The Securities and Exchange Commission and the Financial Accounting Standards Board refer to this product as natural gas.

- Associated-dissolved natural gas: Natural gas that occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved gas).
- Nonassociated natural gas: Natural gas that is not in contact with significant quantities of crude oil in the reservoir.

2) *Dry natural gas:* Natural gas which remains after: 1) the liquefiable hydrocarbon portion has been removed from the gas stream (i.e., gas after lease, field, and/or plant separation); and 2) any volumes of nonhydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable. Note: Dry natural gas is also known as consumer-grade natural gas. The parameters for measurement are cubic feet at 60 degrees Fahrenheit and 14.73 pounds per square inch absolute.

Net generation: The amount of gross generation less the electrical energy consumed at the generating station(s) for station service or auxiliaries. Note: Electricity required for pumping at pumped-storage plants is regarded as electricity for station service and is deducted from gross generation.

Net summer capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of summer peak demand (period of May 1 through October 31). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

Net winter capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of peak winter demand (period of November 1 though April 30). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

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

1) 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, (C_3H_8). It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products covered by Gas Processors Association Specifications for commercial propane and HD-5 propane and ASTM Specification D 1835.

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

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

Receipts: Purchases of fuel.

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

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

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

service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

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

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

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

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

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

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

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

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

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

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

Sulfur: A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is

currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

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

Supplemental gaseous fuel supplies: Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

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

Terrawatt: One trillion watts.

Terrawatthour: One trillion kilowatthours.

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

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

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

Useful thermal output: The thermal energy made available in a combined heat or power system for use in any industrial or commercial process, heating or cooling application, or delivered to other end users, i.e., total thermal energy made available for processes and applications other than electrical generation.

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

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

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

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

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

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

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