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Preface

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

Background

The Office of Electricity, Renewables & Uranium Statistics, 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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Table ES1.A. Total Electric Power Industry Summary Statistics, 2014 and 2013

Net Generation and Consumption of Fuels for October											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Net Generation (Thousand Megawatthours)											
Coal	111,967	121,474	-7.8%	84,871	91,919	26,063	28,443	37	54	995	1,059
Petroleum Liquids	910	809	12.5%	663	573	206	193	16	15	26	29
Petroleum Coke	584	1,073	-45.6%	456	759	52	157	1	1	74	157
Natural Gas	96,695	88,049	9.8%	40,065	37,524	49,475	42,974	537	500	6,619	7,052
Other Gas	1,029	966	6.5%	3	8	377	287	0	0	649	671
Nuclear	62,391	63,184	-1.3%	32,017	31,605	30,374	31,578	0	0	0	0
Hydroelectric Conventional	17,051	17,307	-1.5%	15,328	15,678	1,500	1,399	NM	NM	220	228
Renewable Sources Excluding Hydroelectric	22,742	21,099	7.8%	2,904	2,579	17,267	15,876	251	255	2,320	2,388
... Wind	14,552	13,720	6.1%	2,320	2,053	12,219	11,660	NM	NM	NM	NM
... Solar Thermal and Photovoltaic	1,701	967	75.9%	123	96	1,539	837	37	32	NM	NM
... Wood and Wood-Derived Fuels	3,444	3,327	3.5%	238	224	970	813	NM	NM	2,230	2,288
... Other Biomass	1,671	1,659	0.7%	125	120	1,263	1,227	199	218	84	95
... Geothermal	1,373	1,425	-3.6%	97	86	1,276	1,339	0	0	0	0
Hydroelectric Pumped Storage	-421	-320	31.5%	-324	-254	-97	-66	0	0	0	0
Other Energy Sources	1,025	1,041	-1.5%	31	27	560	547	96	96	338	371
All Energy Sources	313,972	314,683	-0.2%	176,012	180,417	125,778	121,388	940	923	11,242	11,955
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	61,390	66,359	-7.5%	45,837	49,556	15,170	16,412	19	20	364	371
Petroleum Liquids (1000 barrels)	1,480	1,494	-0.9%	1,179	1,202	251	243	17	14	32	34
Petroleum Coke (1000 tons)	224	408	-45.2%	177	289	24	67	0	0	22	52
Natural Gas (1000 Mcf)	727,192	665,310	9.3%	307,383	295,788	368,539	314,502	4,938	4,534	46,332	50,486
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,354	1,550	-12.6%	0	0	156	196	71	78	1,128	1,276
Petroleum Liquids (1000 barrels)	199	214	-6.9%	0	0	96	95	6	7	97	112
Petroleum Coke (1000 tons)	87	109	-19.9%	0	0	9	10	1	1	77	98
Natural Gas (1000 Mcf)	70,187	72,355	-3.0%	0	0	25,928	25,995	3,613	3,848	40,646	42,513
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	62,744	67,909	-7.6%	45,837	49,556	15,326	16,608	89	98	1,492	1,647
Petroleum Liquids (1000 barrels)	1,679	1,708	-1.7%	1,179	1,202	348	339	23	21	129	146
Petroleum Coke (1000 tons)	311	517	-39.9%	177	289	33	76	2	1	99	150
Natural Gas (1000 Mcf)	797,380	737,665	8.1%	307,383	295,788	394,467	340,497	8,551	8,381	86,979	92,998
Fuel Stocks (end-of-month)											
Coal (1000 tons)	139,043	155,285	-10.5%	104,905	125,321	31,283	28,031	248	307	2,607	1,626
Petroleum Liquids (1000 barrels)	31,906	32,973	-3.2%	20,391	21,734	8,927	8,752	434	378	2,154	2,108
Petroleum Coke (1000 tons)	702	654	7.2%	W	214	W	77	W	W	W	W

Sales, Revenue, and Average Retail Price for October									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	October 2014	October 2013	Percentage Change	October 2014	October 2013	Percentage Change	October 2014	October 2013	Percentage Change
Residential	97,570	98,656	-1.1%	12,277	12,142	1.1%	12.58	12.31	2.2%
Commercial	113,553	112,171	1.2%	12,348	11,553	6.9%	10.87	10.30	5.5%
Industrial	81,299	80,463	1.0%	5,650	5,468	3.3%	6.95	6.80	2.2%
Transportation	630	589	7.0%	64	61	5.2%	10.24	10.41	-1.6%
All Sectors	293,052	291,879	0.4%	30,340	29,223	3.8%	10.35	10.01	3.4%

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 October											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
Net Generation (Thousand Megawatthours)											
Coal	1,343,762	1,322,263	1.6%	1,016,496	992,578	315,527	318,214	685	680	11,054	10,791
Petroleum Liquids	16,507	11,033	49.6%	9,513	7,509	6,255	2,943	NM	NM	417	383
Petroleum Coke	9,940	11,597	-14.3%	7,608	8,170	1,187	1,553	7	4	1,139	1,869
Natural Gas	941,438	938,779	0.3%	401,970	400,358	465,057	461,070	5,392	5,257	69,019	72,094
Other Gas	9,503	10,159	-6.5%	71	49	3,057	2,638	0	0	6,375	7,472
Nuclear	658,565	652,747	0.9%	346,794	335,763	311,771	316,984	0	0	0	0
Hydroelectric Conventional	217,665	230,082	-5.4%	196,925	208,158	18,550	19,059	33	32	2,157	2,833
Renewable Sources Excluding Hydroelectric	228,844	208,746	9.6%	27,791	25,848	174,398	156,617	2,591	2,411	24,064	23,869
... Wind	148,047	137,676	7.5%	22,398	21,045	125,532	116,553	83	52	35	27
... Solar Thermal and Photovoltaic	15,973	7,764	105.7%	1,093	874	14,484	6,600	374	273	22	18
... Wood and Wood-Derived Fuels	35,112	32,901	6.7%	2,226	1,852	9,608	8,053	65	21	23,213	22,975
... Other Biomass	16,170	16,609	-2.6%	1,144	1,197	12,162	12,497	2,069	2,065	794	849
... Geothermal	13,543	13,795	-1.8%	931	881	12,612	12,915	0	0	0	0
Hydroelectric Pumped Storage	-4,817	-3,678	31.0%	-3,967	-3,014	-850	-664	0	0	0	0
Other Energy Sources	10,066	10,374	-3.0%	362	337	5,422	5,725	998	957	3,284	3,355
All Energy Sources	3,431,473	3,392,101	1.2%	2,003,563	1,975,759	1,300,374	1,284,138	10,027	9,539	117,509	122,666
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	723,328	717,605	0.8%	538,202	532,817	180,904	180,674	246	261	3,976	3,853
Petroleum Liquids (1000 barrels)	27,905	18,815	48.3%	17,068	13,763	9,917	4,381	476	248	444	422
Petroleum Coke (1000 tons)	3,686	4,206	-12.4%	2,812	2,919	507	667	2	1	365	618
Natural Gas (1000 Mcf)	7,158,929	7,189,213	-0.4%	3,146,266	3,200,930	3,471,864	3,420,118	50,251	49,176	490,548	518,989
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	14,892	15,348	-3.0%	0	0	1,980	2,129	861	897	12,051	12,321
Petroleum Liquids (1000 barrels)	2,885	2,460	17.3%	0	0	985	863	227	119	1,674	1,477
Petroleum Coke (1000 tons)	686	901	-23.8%	0	0	71	91	12	8	603	802
Natural Gas (1000 Mcf)	731,632	736,871	-0.7%	0	0	274,961	272,230	37,811	37,833	418,860	426,809
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	738,219	732,952	0.7%	538,202	532,817	182,884	182,803	1,107	1,158	16,026	16,174
Petroleum Liquids (1000 barrels)	30,790	21,274	44.7%	17,068	13,763	10,902	5,245	702	368	2,118	1,899
Petroleum Coke (1000 tons)	4,372	5,106	-14.4%	2,812	2,919	579	758	14	9	968	1,419
Natural Gas (1000 Mcf)	7,890,561	7,926,084	-0.4%	3,146,266	3,200,930	3,746,825	3,692,348	88,062	87,009	909,408	945,797

Sales, Revenue, and Average Retail Price for January through October									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	Percentage Change
Residential	1,185,570	1,164,921	1.8%	148,622	141,674	4.9%	12.54	12.16	3.1%
Commercial	1,143,510	1,126,150	1.5%	123,427	116,447	6.0%	10.79	10.34	4.4%
Industrial	803,718	800,985	0.3%	57,047	54,952	3.8%	7.10	6.86	3.5%
Transportation	6,549	6,298	4.0%	676	647	4.4%	10.32	10.28	0.4%
All Sectors	3,139,347	3,098,354	1.3%	329,771	313,720	5.1%	10.50	10.13	3.7%

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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.
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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)

	Receipts (Physical Units)		Cost (Dollars / Physical Unit)		Number of Plants		Year-to-Date Receipts (Physical Units)		Year-to-Date Cost (Dollars / Physical Unit)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal (1000 tons)	71,389	66,005	44.86	45.73	327	327	691,094	669,998	46.02	45.55
Petroleum Liquids (1000 barrels)	2,128	1,665	111.48	126.36	187	171	22,438	16,431	128.10	125.03
Petroleum Coke (1000 tons)	381	422	50.25	59.82	11	12	4,083	3,790	55.90	62.69
Natural Gas (1000 Mcf)	718,905	664,318	4.22	4.21	732	720	7,110,575	7,146,692	5.24	4.39

Electric Utilities

	Receipts (Physical Units)		Cost (Dollars / Physical Unit)		Number of Plants		Year-to-Date Receipts (Physical Units)		Year-to-Date Cost (Dollars / Physical Unit)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal (1000 tons)	52,787	48,221	45.87	46.51	234	233	502,785	489,354	47.04	46.63
Petroleum Liquids (1000 barrels)	1,150	1,008	117.04	133.42	120	116	12,977	10,586	129.33	128.04
Petroleum Coke (1000 tons)	326	333	46.75	58.58	7	8	3,495	2,858	54.03	61.59
Natural Gas (1000 Mcf)	295,850	287,021	4.71	4.51	377	367	3,056,168	3,104,178	5.40	4.56

Independent Power Producers

	Receipts (Physical Units)		Cost (Dollars / Physical Unit)		Number of Plants		Year-to-Date Receipts (Physical Units)		Year-to-Date Cost (Dollars / Physical Unit)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal (1000 tons)	17,836	17,045	40.69	42.38	70	73	180,732	173,338	42.23	41.42
Petroleum Liquids (1000 barrels)	956	644	105.37	115.46	57	48	9,200	5,548	126.73	119.82
Petroleum Coke (1000 tons)	29	53	W	W	2	2	398	467	W	W
Natural Gas (1000 Mcf)	368,467	317,076	3.75	3.98	308	310	3,477,581	3,441,370	5.17	4.30

Commercial Sector

	Receipts (Physical Units)		Cost (Dollars / Physical Unit)		Number of Plants		Year-to-Date Receipts (Physical Units)		Year-to-Date Cost (Dollars / Physical Unit)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal (1000 tons)	14	3	W	W	2	1	141	131	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)	573	629	W	W	2	2	4,608	4,334	W	W

Industrial Sector

	Receipts (Physical Units)		Cost (Dollars / Physical Unit)		Number of Plants		Year-to-Date Receipts (Physical Units)		Year-to-Date Cost (Dollars / Physical Unit)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal (1000 tons)	752	736	W	W	21	20	7,435	7,175	W	W
Petroleum Liquids (1000 barrels)	22	14	98.52	119.82	10	7	262	297	113.50	112.85
Petroleum Coke (1000 tons)	26	36	W	W	2	2	190	465	W	W
Natural Gas (1000 Mcf)	54,016	59,591	W	W	45	41	572,218	596,810	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)

	Receipts (Billion Btu)		Cost (Dollars / Million Btu)		Number of Plants		Year-to-Date Receipts (Billion Btu)		Year-to-Date Cost (Dollars / Million Btu)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal	1,390,364	1,286,635	2.30	2.35	327	327	13,490,267	12,991,168	2.36	2.35
Petroleum Liquids	12,820	10,093	18.49	20.85	187	171	135,411	99,797	21.21	20.58
Petroleum Coke	10,797	11,948	1.77	2.11	11	12	115,943	108,026	1.97	2.19
Natural Gas	741,469	681,492	4.09	4.11	732	720	7,315,799	7,326,302	5.09	4.28
Fossil Fuels	2,155,450	1,990,168	2.97	3.00	931	932	21,057,420	20,525,293	3.36	3.09

Electric Utilities

	Receipts (Billion Btu)		Cost (Dollars / Million Btu)		Number of Plants		Year-to-Date Receipts (Billion Btu)		Year-to-Date Cost (Dollars / Million Btu)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal	1,040,271	947,064	2.33	2.37	234	233	9,931,276	9,580,525	2.38	2.38
Petroleum Liquids	6,948	6,119	19.34	21.97	120	116	78,588	64,592	21.35	20.99
Petroleum Coke	9,240	9,457	1.65	2.06	7	8	99,420	81,818	1.90	2.15
Natural Gas	304,853	293,607	4.57	4.41	377	367	3,138,824	3,173,397	5.25	4.46
Fossil Fuels	1,361,312	1,256,247	2.90	2.93	516	513	13,248,108	12,900,332	3.16	2.98

Independent Power Producers

	Receipts (Billion Btu)		Cost (Dollars / Million Btu)		Number of Plants		Year-to-Date Receipts (Billion Btu)		Year-to-Date Cost (Dollars / Million Btu)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal	332,719	322,743	2.18	2.24	70	73	3,387,745	3,245,174	2.25	2.21
Petroleum Liquids	5,736	3,890	17.56	19.12	57	48	55,209	33,373	21.09	19.90
Petroleum Coke	821	1,492	W	W	2	2	11,194	13,122	W	W
Natural Gas	380,154	325,798	3.64	3.87	308	310	3,581,454	3,533,738	5.02	4.19
Fossil Fuels	719,430	653,923	W	W	365	373	7,035,602	6,825,407	W	W

Commercial Sector

	Receipts (Billion Btu)		Cost (Dollars / Million Btu)		Number of Plants		Year-to-Date Receipts (Billion Btu)		Year-to-Date Cost (Dollars / Million Btu)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal	313	61	W	W	2	1	3,253	3,050	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	578	633	W	W	2	2	4,651	4,369	W	W
Fossil Fuels	891	694	W	W	2	2	7,904	7,420	W	W

Industrial Sector

	Receipts (Billion Btu)		Cost (Dollars / Million Btu)		Number of Plants		Year-to-Date Receipts (Billion Btu)		Year-to-Date Cost (Dollars / Million Btu)	
Fuel	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
Coal	17,061	16,767	W	W	21	20	167,992	162,418	W	W
Petroleum Liquids	135	84	16.12	19.32	10	7	1,614	1,832	18.41	18.29
Petroleum Coke	736	998	W	W	2	2	5,329	13,087	W	W
Natural Gas	55,885	61,454	W	W	45	41	590,870	614,797	W	W
Fossil Fuels	73,817	79,304	W	W	48	44	765,805	792,134	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-October 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
May	119,483	958	1,048	87,700	926	62,947	26,442	23,798	-603	1,031	323,731
June	138,241	904	1,118	97,466	960	68,138	25,854	24,318	-611	1,031	357,419
July	150,134	1,014	1,023	113,916	1,081	71,940	24,268	20,859	-467	1,071	384,839
August	149,006	1,048	1,007	121,176	1,072	71,129	19,786	18,934	-769	1,105	383,494
Sept	126,634	944	958	105,527	1,106	67,535	15,901	19,833	-505	1,044	338,976
October	111,967	910	584	96,695	1,029	62,391	17,051	22,742	-421	1,025	313,972
Year to Date											
2012	1,251,237	11,181	8,163	1,061,736	10,059	644,035	234,524	178,714	-3,965	11,471	3,407,155
2013	1,322,263	11,033	11,597	938,779	10,159	652,747	230,082	208,746	-3,678	10,374	3,392,101
2014	1,343,762	16,507	9,940	941,438	9,503	658,565	217,665	228,844	-4,817	10,066	3,431,473
Rolling 12 Months Ending in October											
2013	1,585,069	13,255	13,220	1,102,937	11,997	778,044	271,798	248,364	-4,663	12,689	4,032,711
2014	1,607,497	18,884	11,796	1,116,325	11,615	794,834	256,719	273,427	-5,563	12,047	4,097,581

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-October 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
May	15,532	1,596	284	3,373	788	634	206	1,385	26,442	50,240
June	15,691	1,713	348	3,634	775	617	205	1,336	25,854	50,172
July	12,096	1,610	264	3,788	853	658	226	1,364	24,268	45,128
August	10,187	1,674	263	3,712	867	659	214	1,357	19,786	38,720
Sept	11,473	1,665	260	3,461	812	616	204	1,342	15,901	35,734
October	14,552	1,468	234	3,444	823	609	239	1,373	17,051	39,792
Year to Date										
2012	114,649	2,802	829	31,244	8,085	6,077	2,203	12,825	234,524	413,238
2013	137,676	6,937	827	32,901	8,178	6,127	2,303	13,795	230,082	438,828
2014	148,047	13,770	2,203	35,112	7,907	6,093	2,170	13,543	217,665	446,509
Rolling 12-Month Ending in October										
2013	163,849	7,586	874	39,456	9,896	7,370	2,800	16,532	271,798	520,163
2014	178,036	15,160	2,301	42,148	9,521	7,313	2,683	16,265	256,719	530,146

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-October 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
May	91,044	722	825	40,018	10	33,760	23,837	2,726	-508	38	192,471
June	107,008	658	885	42,270	3	35,898	23,601	2,736	-515	44	212,588
July	115,305	731	782	48,098	4	38,031	22,240	2,355	-386	48	227,208
August	114,987	746	770	52,076	4	37,182	17,952	1,986	-668	43	225,079
Sept	96,089	747	712	43,956	3	35,296	14,411	2,325	-423	41	193,157
October	84,871	663	456	40,065	3	32,017	15,328	2,904	-324	31	176,012
Year to Date											
2012	949,018	8,420	4,777	435,981	0	332,129	215,075	22,891	-3,348	513	1,965,455
2013	992,578	7,509	8,170	400,358	49	335,763	208,158	25,848	-3,014	337	1,975,759
2014	1,016,496	9,513	7,608	401,970	71	346,794	196,925	27,791	-3,967	362	2,003,563
Rolling 12 Months Ending in October											
2013	1,190,041	8,982	9,058	469,336	49	398,457	246,020	30,975	-3,868	427	2,349,476
2014	1,214,586	11,026	8,960	474,818	91	417,145	232,005	33,588	-4,537	433	2,388,115

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.
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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 1.3. Net Generation by Energy Source: Independent Power Producers, 2004-October 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
May	27,345	194	125	40,714	327	29,187	2,404	18,382	-95	557	119,140
June	30,020	200	107	47,982	299	32,240	2,054	18,871	-96	550	132,227
July	33,579	235	129	57,909	344	33,909	1,854	15,632	-81	573	144,083
August	32,832	250	123	61,178	366	33,946	1,627	14,177	-101	580	144,981
Sept	29,412	153	145	54,105	372	32,238	1,297	14,915	-81	547	133,104
October	26,063	206	52	49,475	377	30,374	1,500	17,267	-97	560	125,778
Year to Date											
2012	290,968	2,129	1,495	548,275	2,520	311,906	17,471	130,874	-617	5,839	1,310,860
2013	318,214	2,943	1,553	461,070	2,638	316,984	19,059	156,617	-664	5,725	1,284,138
2014	315,527	6,255	1,187	465,057	3,057	311,771	18,550	174,398	-850	5,422	1,300,374
Rolling 12 Months Ending in October											
2013	381,322	3,571	1,816	540,627	3,102	379,586	22,511	185,807	-795	6,915	1,524,463
2014	378,824	7,008	1,488	550,743	3,696	377,689	21,991	207,783	-1,027	6,523	1,554,718

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-October 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
May	57	16	0	495	0	0	NM	263	0	103	937
June	68	14	0	535	0	0	NM	274	0	103	998
July	69	15	0	581	0	0	NM	288	0	112	1,069
August	54	15	1	596	0	0	NM	285	0	114	1,069
Sept	49	14	1	566	0	0	NM	267	0	108	1,006
October	37	16	1	537	0	0	NM	251	0	96	940
Year to Date											
2012	739	161	4	5,632	0	0	23	2,109	0	869	9,537
2013	680	NM	4	5,257	0	0	32	2,411	0	957	9,539
2014	685	NM	7	5,392	0	0	33	2,591	0	998	10,027
Rolling 12 Months Ending in October											
2013	824	NM	6	6,228	0	0	NM	2,848	0	1,134	11,303
2014	805	NM	8	6,487	0	0	NM	3,084	0	1,183	11,969

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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Table 1.5. Net Generation by Energy Source: Industrial Sector, 2004-October 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
May	1,038	27	NM	6,473	590	0	197	2,426	0	333	11,182
June	1,146	32	127	6,679	657	0	196	2,437	0	334	11,607
July	1,180	32	111	7,328	733	0	172	2,584	0	338	12,478
August	1,132	37	113	7,326	702	0	204	2,485	0	367	12,366
Sept	1,084	31	100	6,901	730	0	190	2,325	0	348	11,709
October	995	26	74	6,619	649	0	220	2,320	0	338	11,242
Year to Date											
2012	10,512	472	1,887	71,848	7,540	0	1,955	22,841	0	4,250	121,303
2013	10,791	383	1,869	72,094	7,472	0	2,833	23,869	0	3,355	122,666
2014	11,054	417	1,139	69,019	6,375	0	2,157	24,064	0	3,284	117,509
Rolling 12 Months Ending in October											
2013	12,883	474	2,340	86,746	8,846	0	3,232	28,735	0	4,213	147,469
2014	13,283	NM	NM	84,277	7,828	0	2,686	28,972	0	3,908	142,779

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	8,537	9,226	-7.5%	200	146	7,958	8,572	NM	81	281	427
Connecticut	2,127	2,870	-25.9%	NM	NM	2,071	2,822	NM	25	NM	20
Maine	929	1,045	-11.0%	NM	NM	671	665	NM	19	238	360
Massachusetts	2,605	2,663	-2.2%	62	28	2,486	2,563	NM	29	NM	43
New Hampshire	1,708	1,442	18.5%	52	42	1,649	1,393	NM	NM	NM	NM
Rhode Island	583	598	-2.6%	1	1	577	594	NM	NM	0	0
Vermont	585	608	-3.8%	81	72	503	534	NM	NM	0	NM
Middle Atlantic	33,933	30,787	10.2%	2,537	2,518	30,966	27,798	141	151	289	320
New Jersey	5,446	4,750	14.7%	-12	-11	5,392	4,668	NM	47	NM	47
New York	10,919	10,367	5.3%	2,509	2,477	8,254	7,734	NM	80	79	76
Pennsylvania	17,569	15,671	12.1%	40	53	17,320	15,396	NM	25	193	198
East North Central	46,048	48,901	-5.8%	22,617	24,257	22,455	23,690	164	138	812	815
Illinois	15,876	16,377	-3.1%	823	724	14,795	15,424	NM	32	217	197
Indiana	8,593	8,732	-1.6%	7,360	7,607	953	868	NM	12	267	245
Michigan	8,282	8,288	-0.1%	6,293	6,377	1,792	1,716	81	72	116	123
Ohio	9,020	10,618	-15.1%	5,216	6,204	3,710	4,303	NM	19	73	93
Wisconsin	4,277	4,885	-12.4%	2,924	3,345	1,205	1,381	NM	NM	139	156
West North Central	25,886	26,165	-1.1%	22,014	22,273	3,472	3,487	50	49	349	355
Iowa	4,415	4,131	6.9%	3,530	2,862	698	1,070	17	16	170	182
Kansas	3,914	3,878	0.9%	3,140	2,964	760	901	0	0	NM	NM
Minnesota	4,407	4,079	8.0%	3,451	3,236	827	719	NM	NM	113	109
Missouri	5,853	7,170	-18.4%	5,518	7,044	314	106	16	16	NM	NM
Nebraska	2,878	3,139	-8.3%	2,595	2,955	247	150	NM	NM	35	33
North Dakota	3,209	2,921	9.9%	2,773	2,566	423	343	NM	NM	NM	NM
South Dakota	1,209	846	42.9%	1,006	647	203	199	NM	NM	0	0
South Atlantic	58,503	60,717	-3.6%	47,539	49,141	9,434	9,947	NM	77	1,445	1,552
Delaware	513	662	-22.5%	NM	NM	447	601	NM	NM	64	60
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	19,175	19,106	0.4%	17,553	17,542	1,189	1,132	NM	NM	426	425
Georgia	9,004	9,459	-4.8%	7,180	8,311	1,429	733	NM	NM	392	412
Maryland	2,671	3,015	-11.4%	NM	NM	2,618	2,970	NM	19	NM	25
North Carolina	8,653	10,153	-14.8%	7,612	8,801	888	1,139	NM	5	147	209
South Carolina	7,680	6,306	21.8%	7,391	5,976	153	160	NM	NM	135	170
Virginia	5,179	5,491	-5.7%	4,375	4,664	596	613	40	39	169	175
West Virginia	5,624	6,520	-13.7%	3,425	3,845	2,113	2,599	0	0	86	77
East South Central	27,893	27,713	0.6%	23,874	23,677	3,144	3,176	NM	NM	860	846
Alabama	10,969	11,880	-7.7%	7,845	9,015	2,803	2,521	0	0	321	344
Kentucky	6,460	6,869	-6.0%	6,412	6,837	NM	NM	0	0	NM	30
Mississippi	4,605	3,765	22.3%	4,040	2,903	329	645	NM	NM	235	215
Tennessee	5,858	5,199	12.7%	5,577	4,922	10	8	NM	NM	257	256
West South Central	52,249	51,438	1.6%	18,417	18,657	28,154	26,794	75	70	5,603	5,916
Arkansas	4,867	4,616	5.4%	3,743	3,628	965	845	NM	NM	157	143
Louisiana	7,905	7,777	1.6%	4,340	4,114	1,300	1,260	NM	NM	2,262	2,399
Oklahoma	5,023	5,013	0.2%	3,327	3,510	1,628	1,423	NM	NM	65	77
Texas	34,454	34,032	1.2%	7,007	7,405	24,261	23,267	68	63	3,119	3,297
Mountain	29,863	29,077	2.7%	22,476	22,449	7,141	6,334	29	30	217	263
Arizona	9,264	8,274	12.0%	7,582	6,585	1,672	1,680	NM	10	0	0
Colorado	4,215	3,998	5.4%	3,025	3,015	1,184	976	NM	NM	NM	NM
Idaho	972	1,004	-3.3%	491	530	446	424	0	0	34	50
Montana	2,471	1,890	30.7%	478	434	1,992	1,455	0	0	NM	NM
Nevada	3,117	2,785	11.9%	2,093	1,821	1,007	934	NM	8	NM	21
New Mexico	2,324	2,885	-19.4%	1,880	2,435	439	444	NM	7	NM	NM
Utah	3,484	3,815	-8.7%	3,268	3,548	138	166	NM	NM	75	98
Wyoming	4,016	4,424	-9.2%	3,660	4,080	263	256	0	0	93	88
Pacific Contiguous	29,700	29,281	1.4%	15,428	16,358	12,675	11,235	241	255	1,356	1,432
California	17,378	16,278	6.8%	5,572	6,028	10,388	8,745	236	249	1,183	1,255
Oregon	4,411	4,485	-1.6%	3,132	3,234	1,220	1,198	NM	NM	54	47
Washington	7,911	8,518	-7.1%	6,724	7,097	1,067	1,292	NM	NM	119	130
Pacific Noncontiguous	1,359	1,379	-1.4%	910	941	379	355	41	56	29	27
Alaska	490	512	-4.4%	449	462	23	21	11	22	NM	NM
Hawaii	869	867	0.3%	460	479	356	334	30	34	NM	20
U.S. Total	313,972	314,683	-0.2%	176,012	180,417	125,778	121,388	940	923	11,242	11,955

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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 1.6.B. Net Generation

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	93,911	97,610	-3.8%	3,221	3,225	86,020	88,866	1,153	1,034	3,517	4,485
Connecticut	27,692	29,454	-6.0%	40	38	27,066	28,844	315	306	271	266
Maine	11,187	11,596	-3.5%	NM	NM	8,285	7,851	211	197	2,691	3,548
Massachusetts	27,381	28,856	-5.1%	705	562	25,670	27,250	494	426	513	618
New Hampshire	16,173	16,423	-1.5%	1,721	1,859	14,347	14,476	NM	58	NM	NM
Rhode Island	5,456	5,636	-3.2%	4	9	5,399	5,584	NM	44	0	0
Vermont	6,021	5,646	6.7%	750	757	5,253	4,862	NM	NM	NM	NM
Middle Atlantic	355,848	357,853	-0.6%	29,071	28,432	321,681	324,252	1,673	1,715	3,423	3,453
New Jersey	56,026	54,622	2.6%	-126	-98	55,195	53,649	498	494	460	578
New York	113,741	112,910	0.7%	28,213	27,592	83,838	83,615	881	924	808	779
Pennsylvania	186,081	190,320	-2.2%	983	938	182,648	186,988	294	297	2,155	2,096
East North Central	515,893	513,286	0.5%	271,317	267,811	234,341	235,172	1,665	1,561	8,571	8,742
Illinois	166,581	168,032	-0.9%	8,704	9,704	155,216	155,769	421	401	2,239	2,158
Indiana	97,268	91,149	6.7%	85,631	79,527	8,943	8,785	185	191	2,510	2,646
Michigan	88,533	86,309	2.6%	70,004	68,084	16,568	16,315	739	704	1,221	1,206
Ohio	113,000	113,151	-0.1%	70,538	71,938	41,254	39,861	238	231	970	1,121
Wisconsin	50,512	54,645	-7.6%	36,440	38,558	12,360	14,443	82	33	1,630	1,611
West North Central	282,303	275,078	2.6%	243,791	239,021	34,312	32,018	502	463	3,699	3,576
Iowa	46,987	47,341	-0.7%	35,156	35,258	9,747	10,091	198	176	1,886	1,815
Kansas	41,847	40,357	3.7%	33,575	33,129	8,191	7,156	0	0	81	73
Minnesota	46,569	42,050	10.7%	38,033	33,851	7,192	6,902	141	132	1,203	1,165
Missouri	74,601	76,889	-3.0%	72,456	74,772	1,937	1,923	150	141	58	52
Nebraska	32,812	30,644	7.1%	30,570	29,059	1,879	1,235	13	13	349	337
North Dakota	29,868	29,267	2.1%	26,191	26,113	3,555	3,021	NM	NM	122	133
South Dakota	9,620	8,529	12.8%	7,809	6,840	1,812	1,689	NM	NM	0	0
South Atlantic	663,044	634,610	4.5%	542,394	518,574	104,572	99,620	895	784	15,183	15,633
Delaware	6,183	6,554	-5.7%	NM	NM	5,478	5,729	NM	NM	689	812
District of Columbia	NM	50	NM	0	0	0	0	NM	50	0	0
Florida	196,792	186,452	5.5%	180,721	170,069	11,814	11,945	55	56	4,202	4,382
Georgia	106,569	101,334	5.2%	92,739	88,899	9,949	8,415	28	28	3,853	3,993
Maryland	32,341	29,283	10.4%	20	17	31,740	28,769	278	219	303	278
North Carolina	107,343	104,242	3.0%	95,141	91,131	10,423	10,986	98	52	1,681	2,073
South Carolina	81,313	80,012	1.6%	78,394	77,071	1,251	1,426	NM	NM	1,667	1,514
Virginia	64,869	64,023	1.3%	52,519	53,243	10,117	8,779	379	374	1,854	1,626
West Virginia	67,582	62,658	7.9%	42,847	38,133	23,802	23,571	0	0	934	954
East South Central	313,776	312,642	0.4%	270,734	270,711	33,959	32,617	170	166	8,912	9,147
Alabama	124,599	125,595	-0.8%	94,394	95,273	26,656	26,671	0	0	3,549	3,651
Kentucky	75,426	75,151	0.4%	74,782	74,595	151	204	0	0	492	351
Mississippi	46,199	44,488	3.8%	36,668	36,376	7,061	5,660	NM	NM	2,453	2,435
Tennessee	67,552	67,408	0.2%	64,890	64,467	90	82	154	149	2,418	2,710
West South Central	568,973	561,428	1.3%	208,775	205,983	302,106	294,321	662	642	57,430	60,482
Arkansas	52,343	51,156	2.3%	40,708	38,201	10,121	11,333	NM	NM	1,509	1,618
Louisiana	87,016	84,491	3.0%	44,793	42,015	19,313	18,170	35	36	22,875	24,270
Oklahoma	59,601	61,514	-3.1%	40,780	44,621	18,096	16,130	NM	NM	708	749
Texas	370,013	364,267	1.6%	82,494	81,146	254,576	248,689	605	587	32,339	33,845
Mountain	311,734	314,099	-0.8%	244,077	245,610	64,949	65,576	315	313	2,394	2,601
Arizona	94,056	93,601	0.5%	78,816	77,548	15,135	15,950	104	103	0	0
Colorado	44,938	44,280	1.5%	34,314	33,810	10,536	10,381	38	33	50	56
Idaho	13,416	13,329	0.6%	8,913	8,757	4,099	4,149	0	0	404	423
Montana	24,800	23,238	6.7%	7,412	6,309	17,379	16,920	0	0	NM	9
Nevada	30,605	30,872	-0.9%	21,716	21,293	8,739	9,298	83	83	67	198
New Mexico	26,874	30,344	-11.4%	21,858	25,375	4,959	4,902	56	64	NM	NM
Utah	36,103	35,334	2.2%	33,592	32,766	1,562	1,554	33	30	915	983
Wyoming	40,943	43,102	-5.0%	37,455	39,751	2,539	2,422	0	0	949	929
Pacific Contiguous	312,930	312,245	0.2%	181,418	187,209	114,936	108,353	2,497	2,435	14,079	14,248
California	167,392	167,689	-0.2%	60,024	67,345	92,551	85,426	2,446	2,383	12,371	12,535
Oregon	49,357	49,635	-0.6%	36,723	36,170	12,060	12,897	NM	50	535	518
Washington	96,181	94,922	1.3%	84,671	83,694	10,326	10,030	NM	NM	1,173	1,195
Pacific Noncontiguous	13,061	13,250	-1.4%	8,766	9,183	3,498	3,342	496	426	301	299
Alaska	4,883	5,092	-4.1%	4,447	4,697	212	204	177	130	47	62
Hawaii	8,178	8,158	0.2%	4,319	4,487	3,286	3,139	319	296	254	237
U.S. Total	3,431,473	3,392,101	1.2%	2,003,563	1,975,759	1,300,374	1,284,138	10,027	9,539	117,509	122,666

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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 1.7.A. Net Generation from Coal
by State, by Sector, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	7	NM	NM	3	0	0	NM	0	0	NM	NM
Connecticut	-2	-1	31.7%	0	0	-2	-1	0	0	0	0
Maine	3	3	-2.8%	0	0	2	2	0	0	1	1
Massachusetts	NM	NM	NM	0	0	0	NM	0	0	NM	NM
New Hampshire	3	0	940.9%	3	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	5,146	5,541	-7.1%	NM	0	5,070	5,473	NM	NM	72	68
New Jersey	99	122	-18.8%	0	0	99	122	0	0	0	0
New York	156	201	-22.7%	NM	0	123	173	0	0	29	28
Pennsylvania	4,891	5,217	-6.3%	0	0	4,848	5,177	NM	NM	43	39
East North Central	26,464	29,042	-8.9%	18,790	20,455	7,425	8,330	6	9	243	248
Illinois	6,607	7,386	-10.5%	801	717	5,656	6,526	NM	4	147	139
Indiana	7,182	7,378	-2.7%	6,647	6,927	529	443	NM	5	NM	NM
Michigan	4,084	4,570	-10.6%	4,031	4,537	33	NM	0	0	21	19
Ohio	6,172	6,734	-8.4%	4,948	5,367	1,207	1,348	NM	NM	16	18
Wisconsin	2,419	2,974	-18.6%	2,364	2,907	0	0	NM	NM	55	66
West North Central	16,432	16,992	-3.3%	16,150	16,698	0	0	18	19	264	275
Iowa	2,687	2,212	21.5%	2,511	2,021	0	0	11	13	164	177
Kansas	2,060	2,146	-4.0%	2,060	2,146	0	0	0	0	0	0
Minnesota	2,158	1,980	9.0%	2,103	1,926	0	0	0	0	55	54
Missouri	4,852	5,873	-17.4%	4,842	5,863	0	0	6	6	NM	NM
Nebraska	2,125	2,287	-7.1%	2,091	2,255	0	0	0	0	34	32
North Dakota	2,346	2,297	2.1%	2,338	2,290	0	0	0	0	NM	NM
South Dakota	204	197	3.5%	204	197	0	0	0	0	0	0
South Atlantic	18,388	21,466	-14.3%	15,175	17,027	3,053	4,246	NM	NM	159	191
Delaware	-2	150	-101.1%	0	0	-2	150	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,874	3,987	-2.8%	3,724	3,844	134	123	0	0	NM	NM
Georgia	1,889	2,768	-31.7%	1,859	2,730	0	0	0	0	31	38
Maryland	996	1,289	-22.7%	0	0	986	1,278	NM	NM	9	10
North Carolina	3,270	3,517	-7.0%	3,145	3,344	109	150	0	0	NM	NM
South Carolina	1,754	1,932	-9.2%	1,744	1,916	0	0	0	0	10	16
Virginia	1,389	1,480	-6.2%	1,333	1,398	23	41	NM	NM	32	41
West Virginia	5,217	6,343	-17.7%	3,370	3,796	1,803	2,504	0	0	44	43
East South Central	11,777	13,010	-9.5%	11,676	12,650	0	245	NM	NM	99	113
Alabama	3,147	4,037	-22.1%	3,133	4,018	0	0	0	0	13	19
Kentucky	6,020	6,472	-7.0%	6,020	6,472	0	0	0	0	0	0
Mississippi	627	572	9.6%	627	327	0	245	0	0	0	0
Tennessee	1,984	1,928	2.9%	1,896	1,833	0	0	NM	NM	86	94
West South Central	16,787	17,155	-2.1%	8,836	9,333	7,918	7,780	0	0	NM	42
Arkansas	2,556	2,240	14.1%	2,073	1,994	479	240	0	0	4	6
Louisiana	1,141	1,220	-6.4%	706	732	435	487	0	0	0	0
Oklahoma	2,037	2,133	-4.5%	1,832	1,914	177	183	0	0	NM	36
Texas	11,053	11,563	-4.4%	4,226	4,693	6,827	6,869	0	0	0	0
Mountain	15,632	16,683	-6.3%	13,823	15,337	1,723	1,262	0	0	87	84
Arizona	3,622	3,694	-1.9%	3,622	3,694	0	0	0	0	0	0
Colorado	2,337	2,586	-9.6%	2,328	2,573	NM	NM	0	0	NM	NM
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	1,521	1,057	43.9%	NM	NM	1,499	1,034	0	0	NM	NM
Nevada	430	274	56.7%	305	159	125	115	0	0	0	0
New Mexico	1,518	2,000	-24.1%	1,518	2,000	0	0	0	0	0	0
Utah	2,641	3,094	-14.6%	2,564	3,009	NM	NM	0	0	43	43
Wyoming	3,556	3,971	-10.5%	3,463	3,879	NM	NM	0	0	36	33
Pacific Contiguous	1,160	1,389	-16.5%	404	401	724	955	0	0	32	33
California	61	76	-20.8%	0	0	33	48	0	0	28	29
Oregon	404	401	0.7%	404	401	0	0	0	0	0	0
Washington	695	911	-23.7%	0	0	691	907	0	0	4	4
Pacific Noncontiguous	173	175	-1.5%	9	16	150	135	10	21	NM	NM
Alaska	38	54	-29.8%	9	16	19	17	10	21	0	0
Hawaii	135	121	11.1%	0	0	132	118	0	0	NM	NM
U.S. Total	111,967	121,474	-7.8%	84,871	91,919	26,063	28,443	37	54	995	1,059

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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 1.7.B. Net Generation from Coal

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	4,357	4,662	-6.5%	1,065	1,177	3,239	3,435	0	0	53	50
Connecticut	704	425	65.7%	0	0	704	425	0	0	0	0
Maine	66	49	36.2%	0	0	43	27	0	0	24	22
Massachusetts	2,522	3,012	-16.3%	0	0	2,492	2,984	0	0	29	28
New Hampshire	1,065	1,177	-9.5%	1,065	1,177	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	75,561	82,180	-8.1%	NM	NM	74,734	81,484	15	14	757	642
New Jersey	2,293	1,727	32.8%	0	0	2,293	1,727	0	0	0	0
New York	4,444	4,116	8.0%	NM	NM	4,128	3,820	0	0	262	256
Pennsylvania	68,824	76,337	-9.8%	0	0	68,313	75,936	15	14	496	387
East North Central	308,676	308,872	-0.1%	225,866	225,697	79,821	80,340	229	257	2,761	2,578
Illinois	72,018	72,793	-1.1%	8,260	9,058	62,178	62,264	42	45	1,538	1,426
Indiana	83,344	76,786	8.5%	78,711	72,324	4,488	4,308	99	111	45	43
Michigan	45,263	46,937	-3.6%	44,596	46,346	358	283	79	94	230	215
Ohio	76,246	78,840	-3.3%	63,225	65,145	12,797	13,484	NM	NM	221	207
Wisconsin	31,806	33,516	-5.1%	31,073	32,824	0	0	NM	NM	727	688
West North Central	182,449	183,998	-0.8%	179,335	180,980	0	0	214	224	2,900	2,793
Iowa	28,290	28,326	-0.1%	26,300	26,401	0	0	151	145	1,839	1,780
Kansas	24,506	25,084	-2.3%	24,506	25,084	0	0	0	0	0	0
Minnesota	22,905	18,950	20.9%	22,313	18,386	0	0	0	0	592	564
Missouri	61,087	63,940	-4.5%	60,971	63,812	0	0	63	79	53	49
Nebraska	21,000	22,145	-5.2%	20,662	21,821	0	0	0	0	338	324
North Dakota	22,379	23,116	-3.2%	22,300	23,040	0	0	0	0	79	76
South Dakota	2,283	2,437	-6.3%	2,283	2,437	0	0	0	0	0	0
South Atlantic	249,733	223,649	11.7%	205,651	182,304	42,131	39,463	37	43	1,914	1,839
Delaware	897	1,322	-32.2%	0	0	897	1,322	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	43,813	39,182	11.8%	42,270	37,759	1,368	1,235	0	0	175	188
Georgia	40,072	33,566	19.4%	39,693	33,165	0	0	0	0	380	401
Maryland	15,510	12,817	21.0%	0	0	15,363	12,685	13	12	134	119
North Carolina	42,862	39,393	8.8%	41,338	37,722	1,325	1,445	15	22	184	205
South Carolina	24,613	20,112	22.4%	24,460	19,984	0	0	0	0	153	128
Virginia	17,430	17,543	-0.6%	15,729	16,147	1,274	929	NM	NM	418	458
West Virginia	64,536	59,715	8.1%	42,162	37,527	21,904	21,847	0	0	469	340
East South Central	151,947	145,009	4.8%	148,718	141,388	2,122	2,411	22	20	1,085	1,189
Alabama	41,002	39,712	3.2%	40,853	39,540	2	0	0	0	148	172
Kentucky	69,368	69,559	-0.3%	69,368	69,559	0	0	0	0	0	0
Mississippi	9,726	7,368	32.0%	7,606	4,957	2,120	2,411	0	0	0	0
Tennessee	31,851	28,369	12.3%	30,891	27,332	0	0	22	20	938	1,017
West South Central	197,903	194,369	1.8%	106,058	104,453	91,452	89,473	0	0	394	442
Arkansas	28,527	26,839	6.3%	25,232	23,355	3,246	3,407	0	0	49	77
Louisiana	16,365	17,814	-8.1%	7,016	8,485	9,339	9,323	0	0	NM	NM
Oklahoma	25,552	24,622	3.8%	23,636	22,825	1,581	1,437	0	0	335	360
Texas	127,459	125,094	1.9%	50,173	49,788	77,287	75,306	0	0	0	0
Mountain	162,532	168,829	-3.7%	147,002	153,420	14,659	14,507	0	0	871	902
Arizona	35,989	36,290	-0.8%	35,989	36,290	0	0	0	0	0	0
Colorado	27,583	28,175	-2.1%	27,475	28,058	101	111	0	0	NM	NM
Idaho	67	64	5.8%	0	0	0	0	0	0	67	64
Montana	12,731	12,533	1.6%	219	227	12,502	12,297	0	0	NM	9
Nevada	5,833	4,422	31.9%	4,646	3,281	1,187	1,141	0	0	0	0
New Mexico	16,880	20,367	-17.1%	16,880	20,367	0	0	0	0	0	0
Utah	27,457	28,586	-3.9%	26,685	27,723	324	368	0	0	447	495
Wyoming	35,992	38,394	-6.3%	35,107	37,476	545	591	0	0	341	328
Pacific Contiguous	8,867	9,115	-2.7%	2,595	2,962	5,985	5,830	0	0	288	323
California	811	993	-18.3%	0	0	559	697	0	0	251	295
Oregon	2,595	2,962	-12.4%	2,595	2,962	0	0	0	0	0	0
Washington	5,462	5,160	5.9%	0	0	5,425	5,132	0	0	37	27
Pacific Noncontiguous	1,737	1,581	9.9%	153	157	1,385	1,271	169	121	NM	32
Alaska	490	441	11.0%	153	157	168	163	169	121	0	0
Hawaii	1,248	1,140	9.4%	0	0	1,217	1,108	0	0	NM	32
U.S. Total	1,343,762	1,322,263	1.6%	1,016,496	992,578	315,527	318,214	685	680	11,054	10,791

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.
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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 1.8.A. Net Generation from Petroleum Liquids
by State, by Sector, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	12	16	-22.0%	2	2	4	7	6	NM	1	2
Connecticut	1	NM	NM	NM	0	1	NM	NM	NM	NM	NM
Maine	2	2	-22.4%	NM	NM	1	1	NM	NM	1	1
Massachusetts	6	9	-26.3%	0	1	1	4	5	NM	NM	1
New Hampshire	NM	NM	NM	0	NM	NM	NM	NM	NM	NM	NM
Rhode Island	1	3	-54.7%	1	1	0	2	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	26	28	-7.5%	7	5	13	16	NM	NM	6	6
New Jersey	1	1	-31.1%	NM	NM	1	1	NM	NM	NM	NM
New York	16	19	-15.7%	7	5	3	8	NM	NM	6	5
Pennsylvania	9	8	14.9%	NM	NM	9	8	NM	NM	NM	NM
East North Central	35	38	-8.0%	26	33	7	3	NM	NM	2	2
Illinois	5	6	-13.0%	2	2	3	3	NM	NM	NM	NM
Indiana	10	11	-7.3%	9	10	NM	NM	NM	NM	1	1
Michigan	9	9	-1.9%	8	8	NM	0	NM	0	NM	1
Ohio	11	11	-0.7%	7	12	4	0	NM	NM	NM	NM
Wisconsin	0	2	-81.9%	0	1	NM	NM	NM	NM	NM	NM
West North Central	21	20	3.1%	20	20	NM	0	NM	NM	NM	NM
Iowa	4	5	-19.2%	4	5	NM	0	NM	NM	NM	NM
Kansas	4	5	-28.7%	4	5	0	0	0	0	0	0
Minnesota	2	4	-39.5%	2	4	NM	NM	NM	NM	NM	NM
Missouri	6	3	125.4%	6	3	0	0	NM	NM	0	0
Nebraska	2	1	99.9%	2	1	0	0	0	0	0	0
North Dakota	3	2	53.9%	3	2	0	0	NM	NM	NM	NM
South Dakota	NM	1	NM	NM	1	NM	NM	NM	NM	0	0
South Atlantic	85	65	29.8%	53	46	25	10	NM	NM	5	8
Delaware	NM	0	NM	NM	NM	NM	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	26	18	48.4%	24	15	NM	NM	0	0	NM	NM
Georgia	-2	-3	-43.0%	-4	-6	NM	0	NM	0	2	2
Maryland	5	7	-33.2%	NM	1	3	5	NM	NM	0	0
North Carolina	8	16	-47.6%	8	15	NM	NM	NM	NM	NM	NM
South Carolina	6	5	32.4%	6	3	0	0	NM	NM	0	1
Virginia	31	13	144.6%	8	7	22	3	NM	0	NM	2
West Virginia	11	10	3.1%	11	10	0	0	0	0	0	0
East South Central	21	20	6.0%	19	17	NM	0	NM	NM	NM	3
Alabama	4	7	-47.2%	2	4	NM	0	0	0	NM	NM
Kentucky	8	8	6.7%	8	8	0	0	0	0	0	0
Mississippi	1	1	-12.8%	1	1	0	0	0	0	0	0
Tennessee	8	4	102.5%	8	4	0	0	NM	NM	NM	NM
West South Central	11	18	-35.5%	5	10	6	7	NM	NM	NM	1
Arkansas	2	6	-58.3%	1	4	1	1	0	0	0	0
Louisiana	2	3	-35.6%	1	1	1	1	0	0	0	1
Oklahoma	1	1	-57.3%	1	1	0	0	NM	NM	NM	NM
Texas	6	7	-13.7%	2	3	4	4	NM	NM	NM	NM
Mountain	18	-93	-119.1%	16	-95	2	2	NM	NM	NM	NM
Arizona	2	-109	-101.9%	2	-109	0	0	NM	NM	0	0
Colorado	NM	1	NM	NM	1	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	1	1	-8.0%	NM	NM	1	1	0	0	0	0
Nevada	2	2	-4.6%	1	2	1	0	0	0	0	0
New Mexico	4	6	-30.4%	4	6	NM	NM	0	0	NM	NM
Utah	2	2	-3.0%	2	2	NM	NM	0	0	NM	NM
Wyoming	4	4	17.0%	4	3	0	0	0	0	NM	NM
Pacific Contiguous	13	NM	NM	3	3	1	NM	7	NM	NM	NM
California	11	NM	NM	3	3	1	NM	7	NM	NM	0
Oregon	1	0	84.1%	1	0	0	0	0	0	0	0
Washington	NM	NM	NM	NM	NM	0	0	NM	NM	1	NM
Pacific Noncontiguous	667	685	-2.6%	511	532	148	148	1	NM	NM	5
Alaska	65	62	5.5%	61	58	0	0	NM	NM	4	4
Hawaii	601	623	-3.4%	450	474	148	148	0	0	NM	NM
U.S. Total	910	809	12.5%	663	573	206	193	16	15	26	29

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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 1.8.B. Net Generation from Petroleum Liquids

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	2,143	739	189.9%	250	123	1,703	517	NM	70	NM	29
Connecticut	496	219	126.4%	NM	3	481	211	NM	NM	NM	NM
Maine	284	173	64.6%	NM	NM	259	158	NM	NM	NM	12
Massachusetts	970	241	302.7%	127	56	739	130	NM	42	NM	13
New Hampshire	301	68	344.2%	105	51	162	NM	NM	NM	NM	NM
Rhode Island	81	34	138.0%	4	9	62	18	NM	NM	0	0
Vermont	NM	NM	NM	NM	3	0	0	NM	NM	0	0
Middle Atlantic	3,119	1,222	155.3%	882	431	2,127	703	NM	NM	79	69
New Jersey	439	94	369.6%	NM	NM	430	88	NM	NM	NM	NM
New York	2,056	874	135.2%	878	427	1,082	367	NM	NM	68	63
Pennsylvania	623	254	145.7%	NM	NM	615	248	NM	NM	NM	NM
East North Central	640	508	25.9%	455	406	163	89	NM	NM	19	11
Illinois	76	66	15.0%	27	24	48	42	NM	NM	NM	NM
Indiana	132	115	14.5%	121	109	NM	NM	NM	NM	11	6
Michigan	117	117	0.3%	113	113	NM	0	2	1	2	2
Ohio	279	185	50.9%	164	137	110	45	NM	NM	NM	NM
Wisconsin	37	26	41.9%	30	23	5	2	NM	NM	NM	NM
West North Central	303	239	26.8%	288	233	11	2	NM	NM	3	3
Iowa	54	64	-16.0%	52	63	NM	1	NM	NM	NM	NM
Kansas	47	46	1.7%	47	46	0	0	0	0	0	0
Minnesota	54	17	210.4%	42	14	9	1	NM	NM	NM	NM
Missouri	96	56	71.7%	96	56	0	0	NM	NM	0	0
Nebraska	24	21	14.9%	24	21	0	0	0	0	0	0
North Dakota	22	27	-16.7%	21	25	0	0	NM	NM	NM	NM
South Dakota	6	8	-20.8%	6	8	NM	NM	NM	NM	0	0
South Atlantic	3,166	1,331	137.9%	2,179	1,000	833	195	NM	NM	106	112
Delaware	159	22	617.1%	NM	NM	159	21	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	530	439	20.7%	491	404	NM	NM	0	0	36	31
Georgia	143	59	142.2%	78	16	30	NM	NM	1	34	41
Maryland	441	133	232.5%	NM	7	386	103	NM	NM	0	0
North Carolina	397	175	126.4%	351	159	31	8	NM	NM	NM	8
South Carolina	256	90	184.7%	234	82	14	0	NM	NM	8	8
Virginia	1,108	293	277.6%	908	213	187	57	1	1	NM	23
West Virginia	132	119	10.8%	109	118	23	1	0	0	0	0
East South Central	411	295	39.1%	355	252	11	1	NM	NM	45	42
Alabama	120	89	35.3%	67	50	11	1	0	0	43	38
Kentucky	109	93	17.3%	109	93	0	0	0	0	0	0
Mississippi	NM	12	NM	NM	9	0	0	0	0	1	3
Tennessee	168	101	66.4%	167	100	0	0	NM	NM	NM	NM
West South Central	160	157	1.9%	69	61	80	79	NM	NM	10	17
Arkansas	21	36	-40.5%	12	22	6	13	0	0	3	1
Louisiana	39	43	-8.3%	11	10	23	19	0	0	6	14
Oklahoma	12	8	55.7%	12	7	0	0	NM	NM	NM	NM
Texas	87	71	23.5%	34	22	51	47	NM	NM	NM	NM
Mountain	197	-47	-517.5%	176	-66	17	15	NM	NM	NM	4
Arizona	47	-187	-125.2%	47	-187	0	0	NM	NM	0	0
Colorado	NM	7	NM	NM	7	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	15	11	38.5%	NM	NM	15	11	0	0	0	0
Nevada	13	15	-13.0%	11	12	2	3	0	0	0	0
New Mexico	50	41	24.6%	50	40	NM	NM	0	0	NM	NM
Utah	27	30	-8.2%	27	29	NM	NM	0	0	NM	NM
Wyoming	35	36	-3.0%	32	33	0	0	0	0	3	4
Pacific Contiguous	NM	NM	NM	38	35	15	11	NM	NM	12	17
California	NM	NM	NM	27	28	8	3	NM	NM	3	7
Oregon	NM	5	NM	8	5	0	0	NM	0	0	0
Washington	NM	20	NM	NM	NM	7	7	NM	NM	9	10
Pacific Noncontiguous	6,216	6,454	-3.7%	4,819	5,034	1,295	1,332	7	8	95	79
Alaska	581	631	-7.9%	552	591	0	0	6	6	24	33
Hawaii	5,635	5,823	-3.2%	4,268	4,443	1,295	1,332	1	2	NM	46
U.S. Total	16,507	11,033	49.6%	9,513	7,509	6,255	2,943	NM	NM	417	383

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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, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 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	88	179	-51.1%	62	41	11	104	0	0	NM	33
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	8	0	--	8	0	0	0	0	0	0	0
Michigan	61	52	17.2%	52	37	3	2	0	0	NM	NM
Ohio	8	103	-91.8%	0	0	8	102	0	0	NM	NM
Wisconsin	10	24	-57.8%	2	4	0	0	0	0	8	19
West North Central	1	1	47.3%	0	0	0	0	1	1	0	0
Iowa	1	1	47.3%	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	17	172	-90.3%	0	157	0	0	0	0	17	15
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	157	-100.0%	0	157	0	0	0	0	0	0
Georgia	17	15	11.2%	0	0	0	0	0	0	17	15
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	88	108	-18.4%	88	108	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	88	108	-18.4%	88	108	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	338	536	-37.0%	305	452	0	0	0	0	NM	84
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	325	491	-33.9%	305	452	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	13	45	-71.0%	0	0	0	0	0	0	13	45
Mountain	39	43	-8.9%	0	0	39	43	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	39	43	-8.9%	0	0	39	43	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	584	1,073	-45.6%	456	759	52	157	1	1	74	157

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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 1.9.B. Net Generation from Petroleum Coke

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 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	225	242	-7.0%	0	0	0	0	0	0	225	242
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	156	174	-10.5%	0	0	0	0	0	0	156	174
East North Central	2,778	2,527	10.0%	1,658	1,205	845	999	0	0	275	322
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	986	1,117	-11.7%	986	1,117	0	0	0	0	0	0
Michigan	745	223	234.6%	587	39	43	57	0	0	116	127
Ohio	815	960	-15.1%	0	0	802	942	0	0	NM	NM
Wisconsin	232	227	2.1%	85	49	0	0	0	0	147	178
West North Central	6	4	53.0%	0	0	0	0	7	4	0	0
Iowa	6	4	53.0%	0	0	0	0	7	4	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	1,370	2,134	-35.8%	1,211	1,951	0	0	0	0	159	183
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	1,211	1,951	-37.9%	1,211	1,951	0	0	0	0	0	0
Georgia	159	183	-13.3%	0	0	0	0	0	0	159	183
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	864	1,111	-22.2%	864	1,111	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	864	1,111	-22.2%	864	1,111	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	4,355	5,122	-15.0%	3,875	3,903	0	98	0	0	480	1,121
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	4,199	4,288	-2.1%	3,875	3,903	0	0	0	0	323	385
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	157	835	-81.2%	0	0	0	98	0	0	157	737
Mountain	319	368	-13.3%	0	0	319	368	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	319	368	-13.3%	0	0	319	368	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	88	NM	0	0	NM	88	0	0	0	0
California	NM	88	NM	0	0	NM	88	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	9,940	11,597	-14.3%	7,608	8,170	1,187	1,553	7	4	1,139	1,869

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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 1.10.A. Net Generation from Natural Gas
by State, by Sector, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	4,138	4,400	-5.9%	35	3	3,917	4,153	NM	55	NM	189
Connecticut	1,024	1,184	-13.5%	1	1	970	1,138	NM	25	NM	19
Maine	236	358	-34.1%	0	0	155	197	NM	NM	NM	159
Massachusetts	1,825	1,978	-7.7%	33	2	1,746	1,943	NM	25	NM	NM
New Hampshire	497	294	68.8%	0	0	493	291	NM	NM	NM	NM
Rhode Island	557	586	-5.1%	0	0	553	584	NM	NM	0	0
Vermont	0	0	-11.0%	0	0	0	0	0	0	0	0
Middle Atlantic	11,978	9,510	26.0%	715	773	11,103	8,588	NM	57	NM	92
New Jersey	2,657	2,072	28.2%	0	NM	2,630	2,029	NM	NM	NM	30
New York	4,204	3,558	18.2%	715	772	3,429	2,732	NM	38	NM	16
Pennsylvania	5,117	3,880	31.9%	NM	0	5,043	3,827	NM	NM	NM	46
East North Central	4,488	4,529	-0.9%	1,527	1,772	2,722	2,581	NM	99	NM	78
Illinois	567	240	136.3%	NM	0	484	194	NM	28	NM	NM
Indiana	766	762	0.5%	633	606	84	127	NM	NM	NM	25
Michigan	950	1,001	-5.1%	272	136	617	797	42	48	NM	NM
Ohio	1,197	1,892	-36.7%	228	774	936	1,093	NM	NM	NM	NM
Wisconsin	1,008	634	59.0%	379	255	601	370	NM	NM	NM	NM
West North Central	1,460	850	71.8%	1,088	723	325	81	NM	19	NM	27
Iowa	162	NM	NM	156	NM	NM	NM	NM	NM	NM	NM
Kansas	125	146	-14.5%	111	133	0	0	0	0	NM	NM
Minnesota	605	356	70.0%	474	261	114	78	NM	NM	NM	NM
Missouri	504	232	117.5%	285	218	210	NM	8	10	NM	NM
Nebraska	36	NM	NM	34	NM	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	1	NM	0	0	0	0	NM	NM
South Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Atlantic	20,881	21,260	-1.8%	16,608	17,382	4,022	3,561	NM	21	224	296
Delaware	487	493	-1.2%	NM	0	439	440	0	0	48	53
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	12,419	12,415	0.0%	11,566	11,553	742	743	NM	NM	107	115
Georgia	4,068	3,598	13.0%	2,666	2,833	1,379	692	0	0	23	73
Maryland	199	228	-12.8%	0	0	175	211	NM	NM	NM	NM
North Carolina	1,742	2,136	-18.4%	1,159	1,297	576	825	0	0	8	NM
South Carolina	846	840	0.7%	691	677	146	154	NM	NM	NM	NM
Virginia	982	1,540	-36.3%	524	1,020	433	490	0	0	25	30
West Virginia	133	5	NM	2	0	132	4	0	0	0	NM
East South Central	7,461	6,577	13.4%	4,123	3,464	3,114	2,909	NM	NM	210	192
Alabama	4,233	3,730	13.5%	1,372	1,151	2,785	2,508	0	0	77	71
Kentucky	NM	74	NM	37	57	1	1	0	0	NM	NM
Mississippi	2,794	2,382	17.3%	2,364	1,878	329	400	NM	NM	101	103
Tennessee	378	391	-3.2%	351	378	0	0	NM	NM	NM	2
West South Central	24,015	22,007	9.1%	6,007	5,491	13,184	11,403	68	66	4,757	5,046
Arkansas	628	750	-16.2%	127	137	476	592	NM	NM	26	21
Louisiana	4,532	3,994	13.5%	1,956	1,349	712	678	NM	NM	1,861	1,964
Oklahoma	1,916	1,664	15.2%	1,224	1,371	680	281	NM	NM	NM	NM
Texas	16,938	15,599	8.6%	2,700	2,634	11,316	9,853	61	60	2,861	3,052
Mountain	7,555	6,017	25.6%	4,557	3,275	2,900	2,621	22	23	76	98
Arizona	2,641	1,888	39.9%	1,214	475	1,418	1,404	NM	9	0	0
Colorado	1,148	659	74.3%	638	404	510	253	0	0	NM	NM
Idaho	169	218	-22.8%	NM	23	160	192	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	2,222	1,969	12.8%	1,684	1,457	523	486	NM	5	NM	21
New Mexico	586	629	-6.9%	336	408	245	215	NM	6	0	0
Utah	708	576	22.9%	634	470	NM	67	NM	NM	32	36
Wyoming	38	41	-9.3%	NM	NM	NM	NM	0	0	33	36
Pacific Contiguous	14,459	12,661	14.2%	5,146	4,407	8,190	7,076	144	147	979	1,032
California	11,798	10,080	17.1%	3,402	2,828	7,289	6,095	140	143	967	1,015
Oregon	1,397	1,311	6.6%	574	449	812	848	NM	NM	NM	NM
Washington	1,263	1,271	-0.6%	1,170	1,130	89	133	NM	NM	3	7
Pacific Noncontiguous	260	239	8.9%	258	235	0	0	NM	NM	NM	NM
Alaska	260	239	8.9%	258	235	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	96,695	88,049	9.8%	40,065	37,524	49,475	42,974	537	500	6,619	7,052

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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 October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	40,550	45,193	-10.3%	322	221	38,129	42,231	765	744	1,335	1,998
Connecticut	11,763	13,214	-11.0%	10	6	11,177	12,640	315	306	261	262
Maine	3,766	3,958	-4.9%	0	0	2,817	2,342	NM	NM	927	1,595
Massachusetts	16,109	19,065	-15.5%	283	187	15,327	18,393	376	367	123	117
New Hampshire	3,682	3,439	7.1%	27	24	3,617	3,378	NM	NM	NM	NM
Rhode Island	5,229	5,514	-5.2%	0	0	5,191	5,478	NM	36	0	0
Vermont	2	2	-19.7%	2	2	0	0	0	0	0	0
Middle Atlantic	113,740	109,108	4.2%	9,758	10,811	102,155	96,395	693	748	1,134	1,155
New Jersey	25,392	22,988	10.5%	0	NM	24,947	22,449	142	156	303	362
New York	45,018	45,002	0.0%	9,756	10,787	34,594	33,513	456	503	211	198
Pennsylvania	43,331	41,118	5.4%	NM	NM	42,614	40,433	94	89	620	595
East North Central	48,450	49,083	-1.3%	18,131	18,102	28,216	29,057	1,055	998	1,049	925
Illinois	4,519	5,978	-24.4%	360	561	3,512	4,811	377	353	270	253
Indiana	7,355	7,517	-2.2%	5,237	5,302	1,702	1,846	NM	44	366	325
Michigan	9,952	10,976	-9.3%	2,616	2,346	6,819	8,087	333	360	184	182
Ohio	19,878	17,465	13.8%	6,791	6,178	12,767	10,985	230	224	90	78
Wisconsin	6,746	7,146	-5.6%	3,127	3,715	3,416	3,328	65	NM	139	87
West North Central	10,219	13,412	-23.8%	8,386	11,235	1,481	1,829	156	138	195	210
Iowa	1,200	1,312	-8.5%	1,153	1,288	NM	NM	NM	NM	NM	NM
Kansas	1,566	1,916	-18.3%	1,485	1,843	0	0	0	0	81	73
Minnesota	3,213	5,350	-39.9%	2,582	4,317	489	877	NM	71	NM	86
Missouri	3,461	3,929	-11.9%	2,411	2,914	992	951	57	62	NM	NM
Nebraska	402	463	-13.2%	389	449	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	364	423	-14.1%	364	423	0	0	0	0	0	0
South Atlantic	214,474	212,227	1.1%	172,774	170,335	39,066	38,702	263	227	2,370	2,964
Delaware	4,828	4,981	-3.1%	NM	NM	4,322	4,288	0	0	502	687
District of Columbia	NM	50	NM	0	0	0	0	NM	50	0	0
Florida	121,824	116,702	4.4%	113,587	107,815	7,129	7,702	29	27	1,078	1,158
Georgia	33,891	35,017	-3.2%	24,266	26,298	9,317	8,018	0	0	308	700
Maryland	2,137	2,397	-10.9%	0	0	1,902	2,197	181	146	NM	55
North Carolina	23,361	23,081	1.2%	16,060	14,973	7,207	8,010	0	2	94	96
South Carolina	9,933	10,703	-7.2%	8,705	9,279	1,165	1,350	NM	NM	62	73
Virginia	17,837	19,034	-6.3%	9,991	11,926	7,579	6,924	0	0	267	183
West Virginia	611	262	132.9%	160	37	445	214	0	0	NM	NM
East South Central	73,349	71,321	2.8%	39,418	39,053	31,559	29,947	145	143	2,227	2,178
Alabama	38,875	38,910	-0.1%	11,614	11,617	26,474	26,501	0	0	786	791
Kentucky	2,177	1,322	64.6%	1,838	937	144	196	0	0	195	189
Mississippi	27,098	26,881	0.8%	20,986	22,449	4,941	3,249	NM	NM	1,154	1,166
Tennessee	5,199	4,208	23.6%	4,980	4,050	0	0	128	126	91	32
West South Central	251,298	250,972	0.1%	66,972	67,345	134,123	131,489	613	607	49,591	51,532
Arkansas	8,397	10,769	-22.0%	1,414	2,762	6,763	7,793	NM	NM	219	213
Louisiana	47,125	43,369	8.7%	19,633	15,815	8,258	7,332	35	36	19,199	20,186
Oklahoma	22,888	25,834	-11.4%	14,615	18,662	8,166	7,071	NM	NM	90	87
Texas	172,888	171,001	1.1%	31,310	30,106	110,935	109,293	560	557	30,082	31,045
Mountain	68,582	69,159	-0.8%	42,789	40,305	24,769	27,651	227	231	797	971
Arizona	22,488	23,105	-2.7%	10,143	9,073	12,263	13,947	83	86	0	0
Colorado	9,829	8,953	9.8%	5,579	4,934	4,239	4,002	5	6	NM	11
Idaho	2,089	2,637	-20.8%	1,046	1,232	1,016	1,368	0	0	NM	36
Montana	336	375	-10.4%	314	349	NM	NM	0	0	0	0
Nevada	19,163	20,843	-8.1%	14,961	15,655	4,085	4,943	53	49	64	195
New Mexico	7,411	7,566	-2.0%	4,658	4,751	2,699	2,751	53	60	0	NM
Utah	6,869	5,250	30.8%	6,056	4,272	429	597	33	30	351	350
Wyoming	397	431	-7.9%	NM	NM	NM	NM	0	0	351	375
Pacific Contiguous	118,358	115,583	2.4%	41,026	40,260	65,558	63,769	1,473	1,418	10,300	10,135
California	99,268	95,919	3.5%	29,373	28,990	58,265	55,552	1,442	1,386	10,188	9,991
Oregon	10,132	11,143	-9.1%	3,908	3,948	6,130	7,080	NM	NM	74	84
Washington	8,958	8,522	5.1%	7,746	7,322	1,163	1,137	NM	NM	38	61
Pacific Noncontiguous	2,417	2,720	-11.1%	2,394	2,692	0	0	NM	NM	NM	NM
Alaska	2,417	2,720	-11.1%	2,394	2,692	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	941,438	938,779	0.3%	401,970	400,358	465,057	461,070	5,392	5,257	69,019	72,094

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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.A. Net Generation from Other Gases by State, by Sector, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 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	33	62	-46.3%	0	0	0	0	0	0	33	62
New Jersey	0	NM	NM	0	0	0	0	0	0	0	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	33	52	-35.4%	0	0	0	0	0	0	33	52
East North Central	371	289	28.6%	3	8	155	50	0	0	214	231
Illinois	18	NM	NM	0	0	0	0	0	0	18	NM
Indiana	181	175	3.5%	0	0	0	0	0	0	181	175
Michigan	116	39	199.4%	3	8	114	31	0	0	0	0
Ohio	56	57	-1.6%	0	0	41	NM	0	0	NM	38
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	20	10	99.6%	0	0	0	0	0	0	20	10
Delaware	16	7	129.8%	0	0	0	0	0	0	16	7
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	24.8%	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	3	2	24.3%	0	0	0	0	0	0	3	2
East South Central	7	24	-69.9%	0	0	0	0	0	0	7	24
Alabama	6	23	-72.4%	0	0	0	0	0	0	6	23
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	-13.7%	0	0	0	0	0	0	1	1
West South Central	413	403	2.6%	0	0	188	198	0	0	226	205
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	187	182	2.8%	0	0	74	55	0	0	113	127
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	226	221	2.4%	0	0	114	143	0	0	112	78
Mountain	24	19	27.7%	0	0	1	1	0	0	24	19
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	-38.4%	0	0	0	0	0	0	0	0
Nevada	1	1	-3.0%	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	24	18	29.5%	0	0	0	0	0	0	24	18
Pacific Contiguous	153	152	0.5%	0	0	34	39	0	0	119	114
California	119	114	4.9%	0	0	0	0	0	0	119	114
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	34	39	-12.7%	0	0	34	39	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	1,029	966	6.5%	3	8	377	287	0	0	649	671

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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 October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 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	473	707	-33.1%	0	0	0	0	0	0	473	707
New Jersey	82	145	-43.5%	0	0	0	0	0	0	82	145
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	391	562	-30.5%	0	0	0	0	0	0	391	562
East North Central	3,666	3,384	8.3%	71	49	1,230	565	0	0	2,364	2,770
Illinois	226	275	-18.0%	0	0	7	17	0	0	219	258
Indiana	1,794	1,975	-9.2%	0	0	0	0	0	0	1,794	1,975
Michigan	903	328	175.3%	71	49	832	279	0	0	0	0
Ohio	742	806	-7.9%	0	0	391	269	0	0	351	537
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	28	35	-20.7%	0	0	0	0	0	0	28	35
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	28	35	-20.7%	0	0	0	0	0	0	28	35
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	218	152	42.9%	0	0	0	0	0	0	218	152
Delaware	188	125	49.9%	0	0	0	0	0	0	188	125
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	6	4	61.1%	0	0	0	0	0	0	6	4
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	24	23	2.9%	0	0	0	0	0	0	24	23
East South Central	162	104	55.6%	0	0	0	0	0	0	162	104
Alabama	151	93	61.9%	0	0	0	0	0	0	151	93
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	11	11	1.1%	0	0	0	0	0	0	11	11
West South Central	3,325	3,865	-14.0%	0	0	1,549	1,733	0	0	1,777	2,132
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,528	1,763	-13.3%	0	0	680	509	0	0	848	1,254
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,797	2,102	-14.5%	0	0	869	1,224	0	0	928	878
Mountain	262	232	13.0%	0	0	4	5	0	0	258	227
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	-42.8%	0	0	0	0	0	0	0	0
Nevada	4	5	-12.6%	0	0	4	5	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	254	223	14.3%	0	0	0	0	0	0	254	223
Pacific Contiguous	1,338	1,638	-18.3%	0	0	274	334	0	0	1,064	1,304
California	1,064	1,304	-18.4%	0	0	0	0	0	0	1,064	1,304
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	274	334	-18.0%	0	0	274	334	0	0	0	0
Pacific Noncontiguous	32	41	-22.2%	0	0	0	0	0	0	32	41
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	30	39	-23.2%	0	0	0	0	0	0	30	39
U.S. Total	9,503	10,159	-6.5%	71	49	3,057	2,638	0	0	6,375	7,472

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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, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	2,797	3,321	-15.8%	0	0	2,797	3,321	0	0	0	0
Connecticut	958	1,552	-38.3%	0	0	958	1,552	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	500	387	29.3%	0	0	500	387	0	0	0	0
New Hampshire	927	927	0.0%	0	0	927	927	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	412	455	-9.5%	0	0	412	455	0	0	0	0
Middle Atlantic	13,080	12,239	6.9%	0	0	13,080	12,239	0	0	0	0
New Jersey	2,505	2,372	5.6%	0	0	2,505	2,372	0	0	0	0
New York	3,774	3,992	-5.5%	0	0	3,774	3,992	0	0	0	0
Pennsylvania	6,801	5,875	15.8%	0	0	6,801	5,875	0	0	0	0
East North Central	12,020	12,582	-4.5%	1,809	1,584	10,211	10,998	0	0	0	0
Illinois	7,745	7,893	-1.9%	0	0	7,745	7,893	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,411	2,178	10.7%	1,809	1,584	602	594	0	0	0	0
Ohio	1,380	1,616	-14.6%	0	0	1,380	1,616	0	0	0	0
Wisconsin	485	895	-45.8%	0	0	485	895	0	0	0	0
West North Central	2,221	3,366	-34.0%	2,190	2,916	31	449	0	0	0	0
Iowa	31	449	-93.0%	0	0	31	449	0	0	0	0
Kansas	904	582	55.3%	904	582	0	0	0	0	0	0
Minnesota	624	835	-25.3%	624	835	0	0	0	0	0	0
Missouri	288	912	-68.5%	288	912	0	0	0	0	0	0
Nebraska	374	586	-36.3%	374	586	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	16,319	15,089	8.1%	15,022	13,783	1,297	1,307	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	2,194	1,935	13.4%	2,194	1,935	0	0	0	0	0	0
Georgia	2,581	2,594	-0.5%	2,581	2,594	0	0	0	0	0	0
Maryland	1,297	1,307	-0.8%	0	0	1,297	1,307	0	0	0	0
North Carolina	2,973	3,829	-22.4%	2,973	3,829	0	0	0	0	0	0
South Carolina	4,865	3,271	48.8%	4,865	3,271	0	0	0	0	0	0
Virginia	2,409	2,153	11.9%	2,409	2,153	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	6,198	5,879	5.4%	6,198	5,879	0	0	0	0	0	0
Alabama	2,597	3,218	-19.3%	2,597	3,218	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	1,048	697	50.4%	1,048	697	0	0	0	0	0	0
Tennessee	2,553	1,964	30.0%	2,553	1,964	0	0	0	0	0	0
West South Central	5,706	6,195	-7.9%	2,748	2,930	2,958	3,265	0	0	0	0
Arkansas	1,376	1,351	1.8%	1,376	1,351	0	0	0	0	0	0
Louisiana	1,372	1,579	-13.1%	1,372	1,579	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	2,958	3,265	-9.4%	0	0	2,958	3,265	0	0	0	0
Mountain	2,280	2,095	8.9%	2,280	2,095	0	0	0	0	0	0
Arizona	2,280	2,095	8.9%	2,280	2,095	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	1,769	2,418	-26.8%	1,769	2,418	0	0	0	0	0	0
California	941	1,581	-40.5%	941	1,581	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	828	837	-1.1%	828	837	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	62,391	63,184	-1.3%	32,017	31,605	30,374	31,578	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 1.12.B. Net Generation from Nuclear Energy

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	30,754	30,515	0.8%	0	0	30,754	30,515	0	0	0	0
Connecticut	13,269	14,079	-5.8%	0	0	13,269	14,079	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	4,777	3,403	40.4%	0	0	4,777	3,403	0	0	0	0
New Hampshire	8,341	9,099	-8.3%	0	0	8,341	9,099	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	4,367	3,934	11.0%	0	0	4,367	3,934	0	0	0	0
Middle Atlantic	126,343	130,052	-2.9%	0	0	126,343	130,052	0	0	0	0
New Jersey	26,023	27,996	-7.0%	0	0	26,023	27,996	0	0	0	0
New York	35,088	37,162	-5.6%	0	0	35,088	37,162	0	0	0	0
Pennsylvania	65,232	64,895	0.5%	0	0	65,232	64,895	0	0	0	0
East North Central	127,427	126,715	0.6%	20,997	18,435	106,430	108,280	0	0	0	0
Illinois	80,791	80,560	0.3%	0	0	80,791	80,560	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	25,626	23,284	10.1%	20,997	18,435	4,629	4,849	0	0	0	0
Ohio	13,272	12,933	2.6%	0	0	13,272	12,933	0	0	0	0
Wisconsin	7,738	9,938	-22.1%	0	0	7,738	9,938	0	0	0	0
West North Central	38,126	31,046	22.8%	34,237	26,622	3,889	4,424	0	0	0	0
Iowa	3,889	4,424	-12.1%	0	0	3,889	4,424	0	0	0	0
Kansas	6,797	5,389	26.1%	6,797	5,389	0	0	0	0	0	0
Minnesota	10,869	9,061	20.0%	10,869	9,061	0	0	0	0	0	0
Missouri	8,270	6,551	26.2%	8,270	6,551	0	0	0	0	0	0
Nebraska	8,301	5,621	47.7%	8,301	5,621	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	163,401	163,974	-0.3%	151,661	152,317	11,741	11,656	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	22,769	21,739	4.7%	22,769	21,739	0	0	0	0	0	0
Georgia	26,659	26,915	-1.0%	26,659	26,915	0	0	0	0	0	0
Maryland	11,741	11,656	0.7%	0	0	11,741	11,656	0	0	0	0
North Carolina	33,856	33,553	0.9%	33,856	33,553	0	0	0	0	0	0
South Carolina	43,366	45,769	-5.2%	43,366	45,769	0	0	0	0	0	0
Virginia	25,011	24,341	2.8%	25,011	24,341	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	64,834	66,458	-2.4%	64,834	66,458	0	0	0	0	0	0
Alabama	34,203	33,477	2.2%	34,203	33,477	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	8,063	8,961	-10.0%	8,063	8,961	0	0	0	0	0	0
Tennessee	22,568	24,020	-6.0%	22,568	24,020	0	0	0	0	0	0
West South Central	58,660	55,624	5.5%	26,045	23,567	32,615	32,057	0	0	0	0
Arkansas	11,787	9,766	20.7%	11,787	9,766	0	0	0	0	0	0
Louisiana	14,258	13,801	3.3%	14,258	13,801	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	32,615	32,057	1.7%	0	0	32,615	32,057	0	0	0	0
Mountain	27,129	26,917	0.8%	27,129	26,917	0	0	0	0	0	0
Arizona	27,129	26,917	0.8%	27,129	26,917	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	21,890	21,447	2.1%	21,890	21,447	0	0	0	0	0	0
California	14,033	14,639	-4.1%	14,033	14,639	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	7,857	6,809	15.4%	7,857	6,809	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	658,565	652,747	0.9%	346,794	335,763	311,771	316,984	0	0	0	0

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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 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State, by Sector, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	581	547	6.1%	74	68	478	444	NM	NM	28	35
Connecticut	28	25	8.7%	NM	NM	25	NM	0	0	0	0
Maine	291	285	2.0%	0	0	263	253	0	0	28	32
Massachusetts	77	66	16.7%	NM	NM	55	46	NM	NM	NM	NM
New Hampshire	87	81	7.2%	17	16	69	64	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	98	89	10.0%	32	29	66	58	0	0	0	NM
Middle Atlantic	2,284	2,152	6.1%	1,844	1,760	434	387	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,142	2,005	6.9%	1,804	1,707	332	293	NM	NM	NM	NM
Pennsylvania	140	146	-4.0%	40	53	100	93	0	0	0	0
East North Central	235	257	-8.5%	211	234	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Indiana	39	42	-6.1%	39	42	0	0	0	0	0	0
Michigan	68	70	-2.9%	NM	64	NM	NM	0	0	NM	NM
Ohio	29	47	-38.5%	29	47	0	0	0	0	0	0
Wisconsin	87	88	-1.4%	76	78	NM	NM	0	NM	NM	NM
West North Central	1,126	647	74.1%	1,112	633	NM	NM	0	0	NM	NM
Iowa	NM	42	NM	NM	41	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	70	38	84.0%	70	38	0	0	0	0	0	0
Nebraska	70	72	-3.4%	70	72	0	0	0	0	0	0
North Dakota	210	117	80.5%	210	117	0	0	0	0	0	0
South Dakota	708	353	100.8%	708	353	0	0	0	0	0	0
South Atlantic	948	997	-4.9%	745	769	100	128	NM	NM	101	99
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	184	209	-12.2%	181	207	NM	NM	0	0	NM	NM
Maryland	63	84	-25.4%	0	0	63	84	0	0	0	0
North Carolina	359	383	-6.3%	296	314	NM	NM	NM	NM	59	66
South Carolina	135	140	-3.4%	130	135	NM	NM	NM	0	0	0
Virginia	88	68	30.6%	82	62	NM	NM	0	0	NM	NM
West Virginia	105	101	4.6%	43	39	23	31	0	0	39	30
East South Central	1,865	1,626	14.7%	1,795	1,552	NM	NM	0	0	69	74
Alabama	740	624	18.7%	740	624	0	0	0	0	0	0
Kentucky	245	185	32.4%	244	184	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	879	818	7.5%	810	744	0	0	0	0	69	74
West South Central	448	301	49.0%	371	260	76	40	0	0	0	0
Arkansas	167	145	15.2%	165	141	NM	NM	0	0	0	0
Louisiana	72	34	112.7%	0	0	72	34	0	0	0	0
Oklahoma	147	69	111.8%	147	69	0	0	0	0	0	0
Texas	62	53	18.0%	59	50	NM	NM	0	0	0	0
Mountain	1,857	1,888	-1.7%	1,552	1,613	304	276	NM	0	0	0
Arizona	432	406	6.2%	432	406	0	0	0	0	0	0
Colorado	79	64	22.8%	66	55	NM	NM	NM	0	0	0
Idaho	509	531	-4.1%	471	499	NM	NM	0	0	0	0
Montana	640	598	6.9%	391	369	249	230	0	0	0	0
Nevada	105	206	-49.1%	102	203	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	45	NM	NM	44	NM	NM	0	0	0	0
Wyoming	37	25	48.0%	36	24	NM	NM	0	0	0	0
Pacific Contiguous	7,587	8,739	-13.2%	7,509	8,641	78	98	NM	NM	0	NM
California	1,034	1,469	-29.7%	987	1,404	46	65	NM	NM	0	0
Oregon	2,106	2,334	-9.8%	2,087	2,316	NM	NM	0	0	0	0
Washington	4,448	4,936	-9.9%	4,434	4,922	NM	NM	0	0	0	NM
Pacific Noncontiguous	121	152	-20.7%	115	148	3	1	0	0	NM	NM
Alaska	113	147	-22.9%	113	147	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	3	1	0	0	NM	NM
U.S. Total	17,051	17,307	-1.5%	15,328	15,678	1,500	1,399	NM	NM	220	228

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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 1.13.B. Net Generation from Hydroelectric (Conventional) Power

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	6,528	7,097	-8.0%	838	997	5,330	5,668	NM	NM	355	426
Connecticut	298	343	-13.0%	NM	NM	273	314	0	0	0	0
Maine	3,179	3,424	-7.2%	0	0	2,847	3,032	0	0	332	392
Massachusetts	862	959	-10.1%	229	260	624	688	NM	NM	NM	NM
New Hampshire	1,175	1,235	-4.9%	242	316	928	912	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	1,009	1,132	-10.8%	343	392	654	717	0	0	NM	NM
Middle Atlantic	23,725	22,766	4.2%	18,662	17,586	5,006	5,117	NM	NM	54	59
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	21,298	20,584	3.5%	17,680	16,649	3,560	3,872	NM	NM	54	59
Pennsylvania	2,407	2,156	11.6%	981	936	1,425	1,220	0	0	0	0
East North Central	2,915	2,914	0.0%	2,600	2,617	201	188	NM	NM	110	105
Illinois	122	118	3.2%	45	50	75	66	NM	NM	0	0
Indiana	296	365	-18.8%	296	365	0	0	0	0	0	0
Michigan	956	893	7.1%	865	804	71	69	0	0	NM	NM
Ohio	325	447	-27.3%	325	447	0	0	0	0	0	0
Wisconsin	1,215	1,091	11.4%	1,069	952	NM	52	NM	NM	90	86
West North Central	9,345	8,071	15.8%	9,143	7,878	139	130	0	0	63	63
Iowa	562	568	-1.2%	557	564	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	358	330	8.5%	177	156	119	112	0	0	63	63
Missouri	638	1,102	-42.1%	638	1,102	0	0	0	0	0	0
Nebraska	978	934	4.7%	978	934	0	0	0	0	0	0
North Dakota	2,189	1,639	33.6%	2,189	1,639	0	0	0	0	0	0
South Dakota	4,603	3,483	32.2%	4,603	3,483	0	0	0	0	0	0
South Atlantic	12,554	14,760	-14.9%	9,728	11,593	1,852	1,855	13	NM	961	1,298
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	145	166	-12.6%	145	166	0	0	0	0	0	0
Georgia	2,582	2,858	-9.7%	2,554	2,827	NM	NM	0	0	NM	NM
Maryland	1,442	1,257	14.7%	0	0	1,442	1,257	0	0	0	0
North Carolina	4,041	5,458	-26.0%	3,497	4,719	NM	NM	12	12	496	686
South Carolina	2,069	2,341	-11.6%	2,017	2,280	51	59	NM	NM	0	0
Virginia	1,168	1,228	-4.9%	1,099	1,151	57	65	0	0	NM	NM
West Virginia	1,108	1,452	-23.7%	416	451	257	422	0	0	434	579
East South Central	17,433	23,233	-25.0%	16,855	22,387	NM	NM	0	0	571	838
Alabama	7,656	10,587	-27.7%	7,656	10,587	0	0	0	0	0	0
Kentucky	2,506	2,817	-11.1%	2,498	2,809	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	7,271	9,828	-26.0%	6,700	8,990	0	0	0	0	571	838
West South Central	5,217	6,084	-14.2%	4,190	5,065	1,027	1,019	0	0	0	0
Arkansas	2,228	2,313	-3.6%	2,196	2,265	NM	48	0	0	0	0
Louisiana	963	936	2.9%	0	0	963	936	0	0	0	0
Oklahoma	1,268	1,839	-31.1%	1,268	1,839	0	0	0	0	0	0
Texas	758	996	-23.9%	726	960	32	NM	0	0	0	0
Mountain	28,436	26,530	7.2%	24,533	22,949	3,899	3,581	NM	0	0	0
Arizona	5,176	5,180	-0.1%	5,176	5,180	0	0	0	0	0	0
Colorado	1,467	1,117	31.3%	1,286	1,002	176	115	NM	0	0	0
Idaho	8,446	8,025	5.2%	7,732	7,419	714	606	0	0	0	0
Montana	9,642	8,460	14.0%	6,693	5,659	2,950	2,802	0	0	0	0
Nevada	2,130	2,378	-10.4%	2,086	2,333	NM	NM	0	0	0	0
New Mexico	179	160	11.7%	179	160	0	0	0	0	0	0
Utah	604	547	10.3%	597	541	NM	NM	0	0	0	0
Wyoming	791	661	19.5%	783	654	NM	NM	0	0	0	0
Pacific Contiguous	110,172	117,365	-6.1%	109,092	115,881	1,076	1,479	NM	NM	NM	NM
California	14,950	22,476	-33.5%	14,304	21,414	643	1,058	NM	NM	0	0
Oregon	29,187	28,190	3.5%	28,959	27,969	228	221	0	0	0	0
Washington	66,036	66,699	-1.0%	65,830	66,498	205	200	0	0	NM	NM
Pacific Noncontiguous	1,340	1,263	6.1%	1,284	1,206	13	14	0	0	NM	NM
Alaska	1,263	1,185	6.6%	1,263	1,185	0	0	0	0	0	0
Hawaii	77	78	-1.6%	NM	NM	13	14	0	0	NM	NM
U.S. Total	217,665	230,082	-5.4%	196,925	208,158	18,550	19,059	33	32	2,157	2,833

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	875	781	12.0%	87	73	655	507	15	13	119	188
Connecticut	67	54	22.5%	0	0	67	54	0	0	0	0
Maine	361	367	-1.5%	0	0	233	198	9	10	119	159
Massachusetts	162	156	3.9%	NM	6	153	120	NM	NM	0	29
New Hampshire	187	133	40.6%	31	25	153	105	NM	NM	0	0
Rhode Island	24	8	194.3%	0	0	24	8	0	0	0	0
Vermont	75	63	17.7%	49	42	26	21	NM	NM	0	0
Middle Atlantic	1,267	1,089	16.4%	NM	6	1,153	966	47	54	62	63
New Jersey	152	138	10.2%	NM	6	121	109	26	22	NM	NM
New York	563	513	9.6%	0	0	526	471	18	22	18	21
Pennsylvania	553	438	26.3%	0	0	507	386	3	10	43	42
East North Central	2,274	1,965	15.8%	214	200	1,894	1,601	23	17	143	147
Illinois	902	804	12.2%	NM	NM	900	803	NM	NM	0	0
Indiana	367	324	13.1%	23	23	340	298	NM	NM	NM	NM
Michigan	576	417	38.1%	84	74	406	263	20	13	66	66
Ohio	167	157	6.3%	NM	NM	133	125	NM	NM	30	28
Wisconsin	263	263	0.2%	101	98	115	112	NM	NM	46	51
West North Central	4,558	4,239	7.5%	1,408	1,256	3,093	2,935	10	7	46	42
Iowa	1,491	1,367	9.0%	819	740	667	621	NM	NM	3	4
Kansas	820	997	-17.8%	61	97	759	900	0	0	0	0
Minnesota	954	843	13.2%	217	182	691	620	NM	NM	41	38
Missouri	111	106	4.0%	4	NM	104	103	2	0	NM	NM
Nebraska	272	174	56.9%	24	23	247	150	NM	NM	0	0
North Dakota	641	496	29.2%	216	153	423	343	0	0	NM	NM
South Dakota	269	256	5.0%	67	57	203	199	0	0	0	0
South Atlantic	1,769	1,515	16.7%	179	148	772	539	36	34	782	795
Delaware	11	11	-1.2%	NM	NM	10	10	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	412	359	14.7%	31	24	206	168	NM	NM	172	164
Georgia	364	315	15.6%	0	0	50	40	NM	NM	311	271
Maryland	87	74	16.7%	NM	NM	70	58	NM	NM	11	11
North Carolina	258	257	0.6%	NM	NM	188	146	NM	4	63	106
South Carolina	155	171	-9.1%	39	28	NM	NM	0	0	114	141
Virginia	327	270	21.4%	107	93	91	55	20	20	109	101
West Virginia	155	59	161.8%	0	0	155	59	0	0	0	0
East South Central	507	468	8.3%	8	8	29	21	NM	NM	469	439
Alabama	242	241	0.6%	NM	NM	19	13	0	0	223	228
Kentucky	37	21	72.2%	8	8	0	0	0	0	29	14
Mississippi	134	112	19.8%	0	0	0	0	0	0	134	112
Tennessee	93	94	-0.5%	0	0	10	8	NM	NM	83	85
West South Central	4,440	4,740	-6.3%	151	189	3,824	4,101	NM	NM	459	446
Arkansas	137	124	10.0%	0	0	9	8	NM	NM	127	116
Louisiana	228	223	2.0%	0	0	5	5	0	0	223	219
Oklahoma	928	1,152	-19.4%	131	164	771	959	0	0	26	29
Texas	3,148	3,241	-2.9%	20	25	3,039	3,130	NM	NM	83	83
Mountain	2,452	2,398	2.2%	276	247	2,142	2,102	NM	7	26	41
Arizona	294	299	-1.8%	38	22	254	276	NM	NM	0	0
Colorado	666	710	-6.2%	12	7	652	700	NM	NM	NM	NM
Idaho	287	249	15.5%	13	8	248	200	0	0	26	41
Montana	197	127	55.4%	24	9	173	117	0	0	0	0
Nevada	357	332	7.5%	0	0	354	329	NM	NM	NM	NM
New Mexico	203	237	-14.1%	NM	7	194	229	NM	NM	0	0
Utah	90	80	12.6%	25	23	65	57	0	0	0	0
Wyoming	357	364	-2.0%	154	170	203	194	0	0	0	0
Pacific Contiguous	4,480	3,798	18.0%	560	444	3,626	3,036	90	101	204	217
California	3,350	2,853	17.4%	202	171	3,006	2,515	89	99	53	68
Oregon	499	435	14.8%	66	68	386	328	NM	NM	46	37
Washington	631	510	23.7%	292	205	234	193	0	0	105	112
Pacific Noncontiguous	120	105	14.0%	17	10	77	69	15	17	10	9
Alaska	13	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Hawaii	107	94	13.1%	9	3	72	65	15	17	10	9
U.S. Total	22,742	21,099	7.8%	2,904	2,579	17,267	15,876	251	255	2,320	2,388

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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 1.14.B. Net Generation from Renewable Sources Excluding Hydroelectric

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	8,339	7,884	5.8%	746	708	5,808	5,156	158	134	1,627	1,887
Connecticut	648	556	16.5%	0	0	648	556	0	0	0	0
Maine	3,573	3,671	-2.7%	0	0	2,167	2,128	102	93	1,304	1,450
Massachusetts	1,789	1,653	8.2%	66	58	1,373	1,147	27	11	323	437
New Hampshire	1,556	1,348	15.4%	283	291	1,246	1,030	27	28	0	0
Rhode Island	142	83	70.6%	0	0	142	83	0	0	0	0
Vermont	632	573	10.3%	397	359	232	212	NM	NM	0	0
Middle Atlantic	11,494	10,514	9.3%	54	51	10,196	9,350	542	534	702	580
New Jersey	1,453	1,312	10.8%	54	51	1,160	1,042	237	217	NM	NM
New York	5,165	4,670	10.6%	0	0	4,748	4,257	204	210	213	204
Pennsylvania	4,877	4,533	7.6%	0	0	4,288	4,051	102	107	487	374
East North Central	20,959	19,094	9.8%	2,020	1,938	17,302	15,528	202	164	1,434	1,463
Illinois	8,617	8,020	7.4%	12	12	8,605	8,009	NM	NM	0	0
Indiana	2,992	2,899	3.2%	206	235	2,753	2,631	19	20	14	14
Michigan	5,224	4,029	29.6%	736	694	3,683	2,564	169	130	636	642
Ohio	1,437	1,507	-4.6%	32	31	1,114	1,201	NM	NM	286	272
Wisconsin	2,688	2,638	1.9%	1,034	967	1,147	1,123	10	11	498	536
West North Central	41,410	37,574	10.2%	12,174	11,574	28,671	25,507	98	66	466	427
Iowa	12,986	12,642	2.7%	7,092	6,943	5,853	5,662	22	22	19	16
Kansas	8,915	7,908	12.7%	740	766	8,175	7,141	0	0	0	0
Minnesota	8,835	7,994	10.5%	1,906	1,770	6,454	5,787	33	31	442	406
Missouri	1,012	1,008	0.4%	33	34	945	972	31	0	NM	NM
Nebraska	2,107	1,461	44.3%	216	213	1,879	1,235	13	13	0	0
North Dakota	5,190	4,383	18.4%	1,632	1,359	3,555	3,021	0	0	NM	NM
South Dakota	2,364	2,177	8.6%	553	488	1,811	1,689	0	0	0	0
South Atlantic	17,327	15,090	14.8%	1,561	1,104	7,260	5,983	359	304	8,147	7,700
Delaware	112	104	6.9%	NM	NM	100	98	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,216	3,845	9.6%	249	236	2,244	1,839	26	29	1,697	1,742
Georgia	3,506	2,986	17.4%	0	0	594	387	27	26	2,885	2,572
Maryland	808	765	5.6%	12	NM	644	613	37	37	116	104
North Carolina	2,676	2,450	9.2%	7	NM	1,705	1,351	71	15	893	1,079
South Carolina	1,803	1,619	11.3%	369	348	21	16	0	0	1,412	1,255
Virginia	3,036	2,234	35.9%	916	501	781	592	195	194	1,144	948
West Virginia	1,172	1,086	7.9%	0	0	1,172	1,086	0	0	0	0
East South Central	5,155	5,125	0.6%	80	80	260	251	NM	NM	4,812	4,791
Alabama	2,591	2,723	-4.8%	NM	NM	169	169	0	0	2,421	2,553
Kentucky	375	240	55.9%	78	78	0	0	0	0	297	162
Mississippi	1,299	1,265	2.7%	1	0	0	0	0	0	1,298	1,264
Tennessee	890	897	-0.7%	0	0	90	82	NM	NM	796	811
West South Central	47,299	44,508	6.3%	1,596	1,638	41,260	38,374	49	35	4,394	4,462
Arkansas	1,307	1,386	-5.7%	0	0	74	73	4	NM	1,229	1,309
Louisiana	2,164	2,092	3.4%	0	0	50	51	0	0	2,114	2,042
Oklahoma	9,961	9,272	7.4%	1,346	1,368	8,350	7,622	0	0	266	282
Texas	33,867	31,758	6.6%	250	271	32,787	30,628	44	30	785	829
Mountain	24,044	21,835	10.1%	2,588	2,271	21,058	19,153	83	81	315	329
Arizona	3,197	2,243	42.6%	303	225	2,872	2,000	22	18	0	0
Colorado	6,184	6,231	-0.8%	144	59	6,009	6,142	28	27	NM	NM
Idaho	2,813	2,604	8.0%	134	106	2,369	2,174	0	0	310	323
Montana	1,549	1,213	27.6%	187	75	1,362	1,139	0	0	0	0
Nevada	3,449	3,198	7.8%	0	0	3,416	3,162	30	33	NM	NM
New Mexico	2,354	2,210	6.5%	91	57	2,260	2,150	NM	NM	0	0
Utah	1,025	780	31.4%	227	201	798	579	0	0	0	0
Wyoming	3,473	3,356	3.5%	1,501	1,549	1,972	1,806	0	0	0	0
Pacific Contiguous	51,660	46,086	12.1%	6,856	6,391	41,784	36,603	933	940	2,087	2,152
California	36,791	31,531	16.7%	2,361	2,050	32,926	27,887	914	920	589	673
Oregon	7,401	7,298	1.4%	1,254	1,285	5,667	5,559	19	20	461	434
Washington	7,468	7,257	2.9%	3,240	3,055	3,191	3,157	0	0	1,037	1,045
Pacific Noncontiguous	1,157	1,036	11.7%	116	94	800	713	162	150	80	79
Alaska	130	113	15.0%	86	71	44	41	0	0	NM	NM
Hawaii	1,027	923	11.3%	30	23	756	673	162	150	79	78
U.S. Total	228,844	208,746	9.6%	27,791	25,848	174,398	156,617	2,591	2,411	24,064	23,869

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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, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	-44	-28	54.3%	0	0	-44	-28	0	0	0	0
Connecticut	0	0	570.6%	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-44	-28	55.2%	0	0	-44	-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	-91	-63	45.3%	-38	-25	-53	-37	0	0	0	0
New Jersey	-17	-18	-4.8%	-17	-18	0	0	0	0	0	0
New York	-20	-7	195.8%	-20	-7	0	0	0	0	0	0
Pennsylvania	-53	-37	42.3%	0	0	-53	-37	0	0	0	0
East North Central	-28	-73	-61.7%	-28	-73	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	-28	-73	-61.7%	-28	-73	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	23	5	360.3%	23	5	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	23	5	360.3%	23	5	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	-243	-171	41.6%	-243	-171	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	-103	-48	116.3%	-103	-48	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	31	0	--	31	0	0	0	0	0	0	0
South Carolina	-84	-55	52.9%	-84	-55	0	0	0	0	0	0
Virginia	-87	-69	26.5%	-87	-69	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-41	-1	NM	-41	-1	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	-41	-1	NM	-41	-1	0	0	0	0	0	0
West South Central	-6	-8	-23.3%	-6	-8	0	0	0	0	0	0
Arkansas	0	0	91.8%	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-7	-8	-20.7%	-7	-8	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-28	-24	17.5%	-28	-24	0	0	0	0	0	0
Arizona	-7	1	-559.7%	-7	1	0	0	0	0	0	0
Colorado	-21	-25	-16.8%	-21	-25	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	37	43	-14.5%	37	43	0	0	0	0	0	0
California	37	41	-8.6%	37	41	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	2	-112.6%	0	2	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	-421	-320	31.5%	-324	-254	-97	-66	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 October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	-385	-223	72.3%	0	0	-385	-223	0	0	0	0
Connecticut	1	-2	-132.9%	0	0	1	-2	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-386	-221	74.4%	0	0	-386	-221	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	-804	-926	-13.2%	-339	-486	-465	-440	0	0	0	0
New Jersey	-184	-174	5.7%	-184	-174	0	0	0	0	0	0
New York	-155	-312	-50.3%	-155	-312	0	0	0	0	0	0
Pennsylvania	-465	-440	5.5%	0	0	-465	-440	0	0	0	0
East North Central	-591	-749	-21.1%	-591	-749	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	-591	-749	-21.1%	-591	-749	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	12	291	-95.8%	12	291	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	12	291	-95.8%	12	291	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	-2,371	-2,030	16.8%	-2,371	-2,030	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	-510	-323	58.0%	-510	-323	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	31	0	--	31	0	0	0	0	0	0	0
South Carolina	-758	-671	12.9%	-758	-671	0	0	0	0	0	0
Virginia	-1,134	-1,036	9.5%	-1,134	-1,036	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-416	-25	NM	-416	-25	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	-416	-25	NM	-416	-25	0	0	0	0	0	0
West South Central	-30	-50	-38.5%	-30	-50	0	0	0	0	0	0
Arkansas	66	31	115.2%	66	31	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-96	-80	20.1%	-96	-80	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-151	-199	-23.8%	-151	-199	0	0	0	0	0	0
Arizona	28	50	-44.4%	28	50	0	0	0	0	0	0
Colorado	-179	-249	-28.0%	-179	-249	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	-80	233	-134.3%	-80	233	0	0	0	0	0	0
California	-76	225	-133.6%	-76	225	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	-4	8	-154.1%	-4	8	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	-4,817	-3,678	31.0%	-3,967	-3,014	-850	-664	0	0	0	0

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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, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	170	167	1.9%	0	0	151	150	NM	8	11	10
Connecticut	52	55	-5.7%	0	0	52	55	0	0	0	0
Maine	37	30	23.2%	0	0	18	14	NM	8	11	8
Massachusetts	76	77	-1.6%	0	0	76	75	0	0	0	1
New Hampshire	6	6	10.0%	0	0	6	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	198	204	-2.8%	0	0	166	166	31	38	0	0
New Jersey	46	45	1.9%	0	0	34	33	11	12	0	0
New York	85	85	-0.5%	0	0	66	66	18	19	0	0
Pennsylvania	68	74	-8.3%	0	0	66	67	2	7	0	0
East North Central	100	93	6.8%	3	3	14	9	21	13	63	68
Illinois	20	22	-6.6%	0	0	0	0	0	0	20	22
Indiana	40	39	0.6%	1	0	0	0	NM	NM	37	38
Michigan	35	25	41.9%	0	1	14	9	19	12	2	2
Ohio	0	1	-100.0%	0	0	0	0	0	0	0	1
Wisconsin	NM	6	NM	2	2	0	0	0	0	NM	5
West North Central	41	43	-4.0%	22	23	13	12	NM	3	NM	5
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	36	36	-2.4%	16	16	13	12	NM	3	NM	5
Missouri	0	2	-100.0%	0	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	5	NM	NM	5	NM	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	320	313	2.3%	0	0	165	157	19	18	137	139
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	235	222	6.0%	0	0	107	98	0	0	128	124
Georgia	7	10	-34.6%	0	0	0	0	0	0	7	10
Maryland	25	26	-3.6%	0	0	25	26	NM	NM	0	0
North Carolina	11	15	-27.3%	0	0	11	15	0	0	0	0
South Carolina	2	4	-41.4%	0	0	0	0	0	0	2	4
Virginia	40	36	11.4%	0	0	22	18	19	18	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	8	1	802.3%	6	0	0	0	0	0	2	1
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	6	0	NM	6	0	0	0	0	0	0	0
Mississippi	0	NM	NM	0	0	0	0	0	0	0	NM
Tennessee	2	0	NM	0	0	0	0	0	0	2	0
West South Central	97	93	4.8%	0	0	0	0	0	0	97	93
Arkansas	0	1	-82.4%	0	0	0	0	0	0	0	1
Louisiana	46	50	-8.4%	0	0	0	0	0	0	46	50
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	49	39	25.3%	0	0	0	0	0	0	49	39
Mountain	33	50	-33.5%	NM	NM	30	28	0	0	NM	21
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	NM	4	NM	0	0	NM	NM	0	0	NM	NM
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	29	27	5.7%	0	0	29	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	NM	18	NM	0	0	NM	NM	0	0	0	18
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	41	59	-29.5%	0	0	20	22	0	0	21	37
California	26	43	-41.0%	0	0	10	13	0	0	15	31
Oregon	4	NM	NM	0	0	4	NM	0	0	0	0
Washington	12	12	1.7%	0	0	6	6	0	0	6	6
Pacific Noncontiguous	16	19	-16.3%	0	0	1	3	15	16	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	16	19	-16.3%	0	0	1	3	15	16	0	0
U.S. Total	1,025	1,041	-1.5%	31	27	560	547	96	96	338	371

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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.B. Net Generation from Other Energy Sources

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	1,625	1,743	-6.8%	0	0	1,442	1,568	82	80	101	95
Connecticut	513	620	-17.3%	0	0	513	620	0	0	0	0
Maine	319	322	-0.8%	0	0	153	165	82	80	84	76
Massachusetts	739	745	-0.8%	0	0	722	726	0	0	17	19
New Hampshire	54	57	-4.6%	0	0	54	57	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	1,972	1,988	-0.8%	0	0	1,584	1,592	388	396	0	0
New Jersey	439	442	-0.6%	0	0	322	321	117	120	0	0
New York	827	814	1.6%	0	0	638	625	189	189	0	0
Pennsylvania	706	732	-3.6%	0	0	625	646	81	86	0	0
East North Central	974	938	3.9%	109	110	133	126	172	136	560	566
Illinois	212	220	-3.6%	0	0	0	0	0	0	212	220
Indiana	369	374	-1.5%	72	75	0	0	16	16	280	282
Michigan	338	272	24.1%	14	8	133	126	156	119	35	19
Ohio	6	8	-29.2%	0	0	0	0	0	0	6	8
Wisconsin	50	63	-21.0%	23	27	0	0	0	0	28	36
West North Central	404	407	-0.6%	215	207	121	126	26	29	43	45
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	334	347	-3.5%	145	147	121	126	26	29	43	45
Missouri	24	12	101.3%	24	12	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	46	48	-5.1%	46	48	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	3,173	3,323	-4.5%	0	0	1,691	1,767	175	172	1,307	1,384
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	2,279	2,424	-6.0%	0	0	1,070	1,165	0	0	1,209	1,260
Georgia	67	74	-8.7%	0	0	0	0	0	0	67	74
Maryland	263	258	1.8%	0	0	262	257	NM	NM	0	0
North Carolina	120	132	-9.1%	0	0	120	132	0	0	0	0
South Carolina	31	51	-39.4%	0	0	0	0	0	0	31	51
Virginia	413	384	7.5%	0	0	239	212	174	171	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	37	13	198.7%	27	8	0	0	0	0	11	5
Alabama	0	3	-95.2%	0	0	0	0	0	0	0	3
Kentucky	27	8	243.4%	27	8	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	10	0	NM	0	0	0	0	0	0	10	0
West South Central	785	777	1.1%	0	0	0	0	0	0	785	777
Arkansas	10	18	-45.3%	0	0	0	0	0	0	10	18
Louisiana	374	385	-2.7%	0	0	0	0	0	0	374	385
Oklahoma	17	19	-12.7%	0	0	0	0	0	0	17	19
Texas	384	355	8.3%	0	0	0	0	0	0	384	355
Mountain	385	476	-19.2%	12	12	224	297	0	0	149	168
Arizona	0	3	-100.0%	0	0	0	3	0	0	0	0
Colorado	46	45	1.1%	0	0	11	11	0	0	35	34
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	209	279	-24.9%	0	0	209	279	0	0	0	0
Nevada	12	12	-0.2%	12	12	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	118	137	-13.9%	0	0	NM	NM	0	0	114	133
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	549	555	-1.0%	0	0	222	239	0	0	328	316
California	403	405	-0.7%	0	0	127	140	0	0	275	265
Oregon	35	36	-4.5%	0	0	35	36	0	0	0	0
Washington	112	113	-1.0%	0	0	59	62	0	0	52	51
Pacific Noncontiguous	162	155	4.0%	0	0	6	11	156	144	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	162	155	4.0%	0	0	6	11	156	144	0	0
U.S. Total	10,066	10,374	-3.0%	362	337	5,422	5,725	998	957	3,284	3,355

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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 1.17.A. Net Generation from Wind
by State, by Sector, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	192	157	22.3%	26	19	164	137	NM	NM	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	105	87	20.6%	0	0	105	87	0	0	0	0
Massachusetts	20	15	32.4%	NM	NM	12	10	NM	NM	0	0
New Hampshire	35	32	11.0%	0	0	35	32	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	31	23	36.5%	20	15	11	8	0	0	0	0
Middle Atlantic	716	539	32.8%	0	0	715	539	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	362	300	21.0%	0	0	361	299	0	0	NM	NM
Pennsylvania	353	239	47.7%	0	0	353	239	0	0	0	0
East North Central	1,771	1,467	20.7%	183	153	1,585	1,312	NM	NM	NM	NM
Illinois	843	747	12.8%	NM	NM	841	746	0	0	0	0
Indiana	325	297	9.4%	0	0	325	297	NM	NM	0	0
Michigan	354	204	73.2%	84	74	270	130	0	0	0	0
Ohio	99	91	8.5%	NM	NM	95	88	0	0	NM	NM
Wisconsin	150	127	18.2%	96	77	54	50	0	0	0	0
West North Central	4,368	4,059	7.6%	1,364	1,213	3,001	2,843	NM	NM	0	0
Iowa	1,476	1,352	9.2%	816	738	659	614	NM	NM	0	0
Kansas	815	993	-17.9%	61	97	754	895	0	0	0	0
Minnesota	800	692	15.5%	183	149	614	541	NM	NM	0	0
Missouri	101	101	-0.1%	0	0	101	101	0	0	0	0
Nebraska	267	169	58.5%	20	19	247	150	0	0	0	0
North Dakota	640	496	28.9%	216	153	423	343	0	0	0	0
South Dakota	269	256	5.0%	67	57	203	199	0	0	0	0
South Atlantic	186	77	140.2%	0	0	186	77	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	32	19	68.3%	0	0	32	19	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	154	58	164.0%	0	0	154	58	0	0	0	0
East South Central	5	3	63.3%	0	0	5	3	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	5	3	63.3%	0	0	5	3	0	0	0	0
West South Central	3,888	4,216	-7.8%	151	189	3,735	4,027	NM	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	901	1,123	-19.7%	131	164	771	959	0	0	0	0
Texas	2,987	3,093	-3.4%	20	25	2,964	3,068	NM	0	0	0
Mountain	1,664	1,665	-0.1%	204	195	1,459	1,470	NM	NM	NM	NM
Arizona	21	41	-48.0%	0	0	21	41	0	0	0	0
Colorado	637	686	-7.2%	12	7	625	679	NM	0	NM	NM
Idaho	242	187	29.4%	13	8	229	179	0	0	0	0
Montana	197	127	55.4%	24	9	173	117	0	0	0	0
Nevada	22	17	25.7%	0	0	22	17	0	0	0	0
New Mexico	149	197	-24.6%	0	0	148	197	NM	NM	0	0
Utah	38	45	-14.1%	0	0	38	45	0	0	0	0
Wyoming	357	364	-2.0%	154	170	203	194	0	0	0	0
Pacific Contiguous	1,696	1,489	13.9%	385	277	1,311	1,212	NM	NM	NM	NM
California	812	787	3.2%	72	50	740	737	NM	NM	NM	NM
Oregon	404	351	15.1%	60	62	344	290	0	0	0	0
Washington	480	351	36.7%	254	166	226	185	0	0	0	0
Pacific Noncontiguous	66	48	37.2%	NM	NM	58	42	0	0	0	0
Alaska	13	NM	NM	NM	NM	NM	NM	0	0	0	0
Hawaii	53	38	41.4%	0	0	53	38	0	0	0	0
U.S. Total	14,552	13,720	6.1%	2,320	2,053	12,219	11,660	NM	NM	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 October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	1,637	1,473	11.1%	204	151	1,407	1,313	26	9	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	875	819	6.8%	0	0	875	819	0	0	0	0
Massachusetts	174	147	18.8%	49	46	100	91	26	9	0	0
New Hampshire	335	315	6.1%	0	0	335	315	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	250	191	31.1%	155	105	95	86	0	0	0	0
Middle Atlantic	5,997	5,349	12.1%	0	0	5,989	5,342	0	0	NM	NM
New Jersey	11	11	5.7%	0	0	11	11	0	0	0	0
New York	3,176	2,754	15.3%	0	0	3,168	2,747	0	0	NM	NM
Pennsylvania	2,810	2,584	8.7%	0	0	2,810	2,584	0	0	0	0
East North Central	15,918	14,076	13.1%	1,603	1,458	14,292	12,603	NM	NM	22	14
Illinois	8,039	7,440	8.0%	12	12	8,026	7,429	0	0	0	0
Indiana	2,624	2,628	-0.2%	0	0	2,623	2,627	NM	NM	0	0
Michigan	3,032	1,913	58.4%	736	694	2,296	1,219	0	0	0	0
Ohio	903	860	5.0%	13	12	868	834	0	0	22	14
Wisconsin	1,321	1,234	7.0%	842	740	479	494	0	0	0	0
West North Central	39,519	35,737	10.6%	11,747	11,142	27,747	24,571	25	24	0	0
Iowa	12,854	12,512	2.7%	7,068	6,918	5,783	5,592	NM	NM	0	0
Kansas	8,869	7,861	12.8%	740	766	8,128	7,094	0	0	0	0
Minnesota	7,272	6,442	12.9%	1,574	1,434	5,674	4,986	23	22	0	0
Missouri	917	954	-4.0%	0	0	917	954	0	0	0	0
Nebraska	2,057	1,410	45.9%	179	175	1,879	1,235	0	0	0	0
North Dakota	5,187	4,381	18.4%	1,632	1,359	3,555	3,021	0	0	0	0
South Dakota	2,364	2,177	8.6%	553	488	1,811	1,689	0	0	0	0
South Atlantic	1,407	1,328	6.0%	0	0	1,404	1,324	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	240	247	-2.6%	0	0	240	247	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	1,163	1,077	8.0%	0	0	1,163	1,077	0	0	0	0
East South Central	40	35	15.4%	0	0	40	35	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	40	35	15.4%	0	0	40	35	0	0	0	0
West South Central	41,872	39,200	6.8%	1,596	1,638	40,263	37,562	NM	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	9,695	8,990	7.8%	1,346	1,368	8,350	7,622	0	0	0	0
Texas	32,177	30,210	6.5%	250	271	31,913	29,939	NM	0	0	0
Mountain	16,300	15,553	4.8%	1,963	1,787	14,323	13,751	11	12	NM	NM
Arizona	389	400	-2.7%	0	0	389	400	0	0	0	0
Colorado	5,913	6,003	-1.5%	141	57	5,761	5,934	8	9	NM	NM
Idaho	2,326	2,080	11.8%	134	106	2,192	1,975	0	0	0	0
Montana	1,549	1,213	27.6%	187	75	1,362	1,139	0	0	0	0
Nevada	240	212	12.9%	0	0	240	212	0	0	0	0
New Mexico	1,859	1,828	1.7%	0	0	1,856	1,825	NM	NM	0	0
Utah	551	461	19.6%	0	0	551	461	0	0	0	0
Wyoming	3,473	3,356	3.5%	1,501	1,549	1,972	1,806	0	0	0	0
Pacific Contiguous	24,735	24,391	1.4%	5,199	4,797	19,531	19,588	NM	NM	NM	NM
California	12,217	12,153	0.5%	1,067	831	11,145	11,316	NM	NM	NM	NM
Oregon	6,462	6,413	0.8%	1,193	1,224	5,269	5,189	0	0	0	0
Washington	6,056	5,825	4.0%	2,939	2,742	3,117	3,083	0	0	0	0
Pacific Noncontiguous	621	535	16.1%	86	71	535	463	0	0	0	0
Alaska	130	112	15.8%	86	71	44	41	0	0	0	0
Hawaii	491	423	16.1%	0	0	491	423	0	0	0	0
U.S. Total	148,047	137,676	7.5%	22,398	21,045	125,532	116,553	83	52	35	27

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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, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	636	611	4.0%	59	52	445	358	12	13	119	188
Connecticut	66	54	20.6%	0	0	66	54	0	0	0	0
Maine	257	280	-8.3%	0	0	129	111	9	10	119	159
Massachusetts	100	130	-22.9%	0	0	100	100	NM	0	0	29
New Hampshire	151	101	49.9%	31	25	118	73	NM	NM	0	0
Rhode Island	22	8	187.3%	0	0	22	8	0	0	0	0
Vermont	40	39	3.0%	28	28	11	11	NM	NM	0	0
Middle Atlantic	471	483	-2.4%	0	0	377	378	34	43	60	61
New Jersey	85	83	2.8%	0	0	72	71	13	12	0	0
New York	194	210	-7.6%	0	0	158	168	18	22	17	20
Pennsylvania	192	190	1.0%	0	0	147	140	3	9	42	41
East North Central	476	485	-1.8%	30	45	283	278	23	16	141	146
Illinois	53	51	4.0%	0	0	53	51	NM	NM	0	0
Indiana	27	26	2.1%	23	23	0	0	NM	NM	NM	NM
Michigan	222	213	4.4%	0	0	136	133	20	13	66	66
Ohio	61	59	3.4%	NM	NM	33	32	0	0	27	26
Wisconsin	114	136	-16.6%	5	22	61	62	NM	NM	46	51
West North Central	188	180	4.3%	44	42	90	91	7	5	46	42
Iowa	14	15	-3.2%	2	NM	7	7	NM	NM	3	4
Kansas	5	5	3.6%	0	0	5	5	0	0	0	0
Minnesota	154	150	2.6%	34	33	77	78	NM	NM	41	38
Missouri	8	5	49.9%	4	NM	NM	NM	2	0	NM	NM
Nebraska	5	5	2.2%	4	NM	0	0	NM	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	1,438	1,357	6.0%	153	130	475	404	28	29	782	795
Delaware	5	5	2.2%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	382	337	13.6%	8	8	200	161	NM	NM	172	164
Georgia	352	314	12.1%	0	0	38	40	NM	NM	311	271
Maryland	45	46	-1.6%	0	0	31	31	NM	NM	11	11
North Carolina	171	214	-20.3%	0	0	107	108	0	0	63	106
South Carolina	155	171	-9.4%	39	28	NM	NM	0	0	114	141
Virginia	327	270	21.4%	107	93	91	55	20	20	109	101
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	498	461	7.9%	8	8	21	15	0	0	469	439
Alabama	242	241	0.6%	NM	NM	19	13	0	0	223	228
Kentucky	37	21	72.2%	8	8	0	0	0	0	29	14
Mississippi	134	112	19.8%	0	0	0	0	0	0	134	112
Tennessee	85	87	-2.9%	0	0	NM	NM	0	0	83	85
West South Central	526	508	3.5%	0	0	63	58	NM	NM	459	446
Arkansas	137	124	10.0%	0	0	9	8	NM	NM	127	116
Louisiana	228	223	2.0%	0	0	5	5	0	0	223	219
Oklahoma	26	29	-8.7%	0	0	0	0	0	0	26	29
Texas	135	131	2.7%	0	0	49	45	NM	NM	83	83
Mountain	63	83	-23.2%	NM	NM	35	40	0	0	26	41
Arizona	15	19	-19.8%	NM	NM	13	17	0	0	0	0
Colorado	NM	5	NM	0	0	NM	5	0	0	0	0
Idaho	37	53	-29.5%	0	0	11	12	0	0	26	41
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	5	1.1%	0	0	5	5	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	787	789	-0.3%	61	62	442	418	80	93	203	216
California	560	564	-0.7%	17	17	411	389	79	91	52	67
Oregon	76	66	14.6%	5	5	23	22	NM	NM	46	37
Washington	151	158	-5.0%	38	39	7	7	0	0	105	112
Pacific Noncontiguous	32	30	7.9%	7	3	0	0	15	17	10	9
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	32	29	7.5%	7	3	0	0	15	17	10	9
U.S. Total	5,115	4,987	2.6%	364	344	2,233	2,040	205	220	2,314	2,383

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.
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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 1.18.B. Net Generation from Biomass

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	6,338	6,299	0.6%	525	545	4,054	3,744	132	124	1,627	1,887
Connecticut	637	556	14.6%	0	0	637	556	0	0	0	0
Maine	2,698	2,852	-5.4%	0	0	1,292	1,309	102	93	1,304	1,450
Massachusetts	1,300	1,412	-7.9%	0	0	976	974	NM	NM	323	437
New Hampshire	1,221	1,033	18.2%	283	291	911	714	27	28	0	0
Rhode Island	125	79	58.7%	0	0	125	79	0	0	0	0
Vermont	356	368	-3.0%	242	254	112	111	NM	NM	0	0
Middle Atlantic	4,709	4,566	3.1%	0	0	3,599	3,561	427	442	682	563
New Jersey	817	819	-0.2%	0	0	693	692	124	127	0	0
New York	1,912	1,869	2.3%	0	0	1,503	1,463	204	210	205	196
Pennsylvania	1,980	1,879	5.4%	0	0	1,403	1,406	100	106	477	366
East North Central	4,775	4,903	-2.6%	404	468	2,763	2,827	197	159	1,412	1,449
Illinois	511	524	-2.6%	0	0	511	524	NM	NM	0	0
Indiana	238	267	-10.8%	206	235	0	0	18	18	14	14
Michigan	2,192	2,116	3.6%	0	0	1,387	1,344	169	130	636	642
Ohio	467	593	-21.2%	6	6	197	329	0	0	265	258
Wisconsin	1,367	1,403	-2.6%	192	227	668	629	10	11	498	536
West North Central	1,876	1,833	2.3%	427	432	909	932	73	42	466	427
Iowa	132	130	1.4%	24	25	70	70	20	20	19	16
Kansas	46	47	-0.9%	0	0	46	47	0	0	0	0
Minnesota	1,560	1,549	0.7%	332	336	776	797	10	10	442	406
Missouri	84	54	56.5%	33	34	17	17	31	0	NM	NM
Nebraska	50	51	-0.6%	37	38	0	0	13	13	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	14,674	13,110	11.9%	1,368	929	4,888	4,207	271	274	8,147	7,700
Delaware	50	51	-1.0%	0	0	50	51	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,983	3,628	9.8%	83	79	2,180	1,780	24	27	1,697	1,742
Georgia	3,393	2,980	13.9%	0	0	486	385	22	22	2,885	2,572
Maryland	465	450	3.4%	0	0	319	314	31	31	116	104
North Carolina	1,941	2,139	-9.3%	0	0	1,048	1,060	0	0	893	1,079
South Carolina	1,797	1,619	11.0%	369	348	16	16	0	0	1,412	1,255
Virginia	3,036	2,234	35.9%	916	501	781	592	195	194	1,144	948
West Virginia	9	9	-1.1%	0	0	9	9	0	0	0	0
East South Central	5,082	5,060	0.4%	80	80	190	190	0	0	4,812	4,791
Alabama	2,591	2,723	-4.8%	NM	NM	169	169	0	0	2,421	2,553
Kentucky	375	240	55.9%	78	78	0	0	0	0	297	162
Mississippi	1,299	1,265	2.7%	1	0	0	0	0	0	1,298	1,264
Tennessee	817	832	-1.9%	0	0	21	21	0	0	796	811
West South Central	5,193	5,155	0.7%	0	0	767	662	32	32	4,394	4,462
Arkansas	1,307	1,386	-5.7%	0	0	74	73	4	NM	1,229	1,309
Louisiana	2,164	2,092	3.4%	0	0	50	51	0	0	2,114	2,042
Oklahoma	266	282	-5.6%	0	0	0	0	0	0	266	282
Texas	1,456	1,395	4.4%	0	0	643	538	28	27	785	829
Mountain	687	658	4.4%	23	22	354	311	0	NM	310	323
Arizona	171	111	54.2%	20	20	151	90	0	NM	0	0
Colorado	51	50	2.0%	3	2	48	49	0	0	0	0
Idaho	406	437	-7.2%	0	0	96	114	0	0	310	323
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	11	11	-0.5%	0	0	11	11	0	0	0	0
Utah	47	48	-1.2%	0	0	47	48	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	7,684	7,674	0.1%	522	552	4,246	4,117	839	862	2,077	2,143
California	5,503	5,503	0.0%	167	185	3,937	3,812	820	842	579	665
Oregon	769	739	4.2%	54	54	235	230	19	20	461	434
Washington	1,411	1,432	-1.5%	301	313	74	74	0	0	1,037	1,045
Pacific Noncontiguous	263	251	4.8%	22	23	0	0	162	150	80	79
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	263	250	5.1%	22	23	0	0	162	150	79	78
U.S. Total	51,281	49,510	3.6%	3,370	3,049	21,770	20,550	2,134	2,086	24,007	23,824

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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, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 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	283	1.8%	25	23	263	260	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	9	-8.4%	0	0	8	9	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	232	244	-4.9%	0	0	232	244	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	46	30	54.1%	25	23	21	7	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,070	1,117	-4.2%	72	63	998	1,054	0	0	0	0
California	1,053	1,102	-4.4%	72	63	981	1,039	0	0	0	0
Oregon	16	15	7.0%	0	0	16	15	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	15	25	-38.1%	0	0	15	25	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	15	25	-38.1%	0	0	15	25	0	0	0	0
U.S. Total	1,373	1,425	-3.6%	97	86	1,276	1,339	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 1.19.B. Net Generation from Geothermal

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 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	2,861	2,684	6.6%	227	201	2,633	2,483	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	81	86	-5.1%	0	0	81	86	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	2,340	2,329	0.4%	0	0	2,340	2,329	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	424	269	57.7%	227	201	197	68	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	10,459	10,887	-3.9%	703	680	9,756	10,207	0	0	0	0
California	10,314	10,760	-4.2%	703	680	9,610	10,081	0	0	0	0
Oregon	145	126	15.0%	0	0	145	126	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	223	224	-0.4%	0	0	223	224	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	223	224	-0.4%	0	0	223	224	0	0	0	0
U.S. Total	13,543	13,795	-1.8%	931	881	12,612	12,915	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 1.20.A. Net Generation from Solar by State, by Sector, October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	48	14	255.4%	NM	NM	46	12	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	42	12	267.0%	NM	NM	41	10	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	80	67	19.5%	NM	6	61	50	13	10	NM	NM
New Jersey	66	54	21.5%	NM	6	48	38	13	10	NM	NM
New York	6	4	55.9%	0	0	6	4	0	0	0	0
Pennsylvania	NM	9	NM	0	0	NM	8	NM	NM	NM	NM
East North Central	27	13	111.3%	NM	NM	25	11	NM	NM	0	0
Illinois	NM	6	NM	0	0	NM	6	0	0	0	0
Indiana	15	NM	NM	0	0	15	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	NM	6	NM	NM	NM	NM	5	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	144	81	78.7%	26	18	112	58	NM	5	0	0
Delaware	NM	6	NM	NM	NM	NM	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	29	22	31.2%	23	15	NM	7	NM	NM	0	0
Georgia	12	NM	NM	0	0	11	NM	NM	NM	0	0
Maryland	10	9	3.2%	NM	NM	8	8	NM	NM	0	0
North Carolina	88	43	105.5%	NM	NM	81	38	NM	4	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	16	60.8%	0	0	26	16	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	16	60.8%	0	0	26	16	NM	NM	0	0
Mountain	436	367	18.8%	45	27	385	333	NM	7	NM	NM
Arizona	257	239	7.7%	36	20	219	218	NM	NM	0	0
Colorado	23	19	24.8%	0	0	21	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	104	71	45.6%	0	0	101	68	NM	NM	NM	NM
New Mexico	52	38	35.6%	NM	7	43	31	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	927	403	130.1%	42	43	875	352	10	8	NM	NM
California	925	401	130.7%	41	42	874	350	10	8	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	-35.1%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	NM	0	NM	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	0	NM	NM	0	0	0	0
U.S. Total	1,701	967	75.9%	123	96	1,539	837	37	32	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 October 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	364	112	226.2%	17	12	347	99	NM	NM	0	0
Connecticut	11	0	--	0	0	11	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	315	94	234.5%	17	12	297	82	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	13	NM	NM	0	0	13	NM	0	0	0	0
Vermont	26	15	70.7%	0	0	26	15	0	0	0	0
Middle Atlantic	788	599	31.4%	54	51	607	448	115	91	11	NM
New Jersey	625	483	29.4%	54	51	455	340	113	90	NM	NM
New York	77	47	64.7%	0	0	77	47	0	0	0	0
Pennsylvania	86	70	23.1%	0	0	75	61	NM	NM	10	NM
East North Central	265	115	130.8%	14	13	247	98	NM	NM	0	0
Illinois	68	56	21.6%	0	0	68	56	0	0	0	0
Indiana	130	NM	NM	0	0	130	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	67	55	22.3%	14	13	49	39	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	15	NM	NM	0	0	15	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	1,246	653	90.9%	193	175	968	451	84	26	0	0
Delaware	58	50	15.0%	NM	NM	50	48	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	233	217	7.0%	166	156	64	59	NM	NM	0	0
Georgia	112	NM	NM	0	0	108	NM	NM	NM	0	0
Maryland	103	68	50.5%	12	NM	84	52	NM	NM	0	0
North Carolina	735	310	136.7%	7	NM	657	290	71	15	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	33	29	11.9%	0	0	29	26	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	33	29	11.9%	0	0	29	26	NM	NM	0	0
West South Central	234	153	52.4%	0	0	231	151	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	234	153	52.4%	0	0	231	151	NM	NM	0	0
Mountain	4,197	2,939	42.8%	374	262	3,748	2,607	72	69	NM	NM
Arizona	2,637	1,732	52.3%	283	205	2,332	1,510	22	17	0	0
Colorado	220	178	23.3%	0	0	200	160	20	19	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	869	656	32.5%	0	0	837	620	30	33	NM	NM
New Mexico	468	371	26.3%	91	57	378	314	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	8,782	3,135	180.1%	432	362	8,251	2,690	92	76	NM	NM
California	8,757	3,115	181.2%	423	354	8,234	2,678	92	76	NM	NM
Oregon	25	20	25.5%	NM	NM	17	13	0	0	0	0
Washington	1	1	-4.8%	1	1	0	0	0	0	0	0
Pacific Noncontiguous	50	26	94.7%	NM	0	42	26	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	50	26	94.7%	NM	0	42	26	0	0	0	0
U.S. Total	15,973	7,764	105.7%	1,093	874	14,484	6,600	374	273	22	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.
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-October 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
May	64,097	47,905	15,797	20	375
June	74,579	56,672	17,468	24	415
July	81,631	61,327	19,853	24	428
August	81,210	61,262	19,509	22	418
Sept	69,293	51,460	17,409	22	401
October	61,390	45,837	15,170	19	364
Year to Date					
2012	682,604	509,675	168,774	254	3,901
2013	717,605	532,817	180,674	261	3,853
2014	723,328	538,202	180,904	246	3,976
Rolling 12 Months Ending in October					
2013	860,734	638,609	217,195	314	4,617
2014	866,513	644,675	216,796	294	4,747

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-October 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
May	1,446	0	194	74	1,178
June	1,384	0	203	67	1,114
July	1,442	0	200	76	1,166
August	1,429	0	180	70	1,179
Sept	1,367	0	164	71	1,133
October	1,354	0	156	71	1,128
Year to Date					
2012	16,048	0	2,354	931	12,764
2013	15,348	0	2,129	897	12,321
2014	14,892	0	1,980	861	12,051
Rolling 12 Months Ending in October					
2013	18,632	0	2,565	1,109	14,958
2014	18,131	0	2,345	1,067	14,718

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-October 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
May	65,543	47,905	15,991	94	1,553
June	75,963	56,672	17,672	90	1,530
July	83,073	61,327	20,052	100	1,594
August	82,640	61,262	19,689	92	1,597
Sept	70,660	51,460	17,573	92	1,534
October	62,744	45,837	15,326	89	1,492
Year to Date					
2012	698,653	509,675	171,128	1,186	16,664
2013	732,952	532,817	182,803	1,158	16,174
2014	738,219	538,202	182,884	1,107	16,026
Rolling 12 Months Ending in October					
2013	879,366	638,609	219,760	1,423	19,575
2014	884,644	644,675	219,141	1,361	19,466

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-October 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
May	1,544	1,245	249	19	30
June	1,477	1,168	257	19	33
July	1,666	1,303	309	19	36
August	1,767	1,347	361	18	40
Sept	1,588	1,323	213	17	35
October	1,480	1,179	251	17	32
Year to Date					
2012	18,912	14,894	3,200	225	593
2013	18,815	13,763	4,381	248	422
2014	27,905	17,068	9,917	476	444
Rolling 12 Months Ending in October					
2013	22,507	16,389	5,292	NM	531
2014	31,841	19,734	11,051	NM	523

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-October 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
May	224	0	91	9	125
June	239	0	88	9	142
July	233	0	96	8	128
August	232	0	94	10	128
Sept	178	0	64	7	107
October	199	0	96	6	97
Year to Date					
2012	2,627	0	822	106	1,700
2013	2,460	0	863	119	1,477
2014	2,885	0	985	227	1,674
Rolling 12 Months Ending in October					
2013	2,930	0	1,033	NM	1,761
2014	3,365	0	1,165	NM	1,944

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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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.
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-October 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
May	1,768	1,245	340	28	155
June	1,715	1,168	345	28	175
July	1,900	1,303	405	27	164
August	1,999	1,347	456	28	168
Sept	1,765	1,323	277	24	142
October	1,679	1,179	348	23	129
Year to Date					
2012	21,539	14,894	4,022	331	2,292
2013	21,274	13,763	5,245	368	1,899
2014	30,790	17,068	10,902	702	2,118
Rolling 12 Months Ending in October					
2013	25,437	16,389	6,325	NM	2,292
2014	35,206	19,734	12,217	NM	2,467

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-October 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
May	384	301	49	0	35
June	409	326	46	0	37
July	369	285	54	0	31
August	369	286	51	0	32
Sept	356	268	62	0	26
October	224	177	24	0	22
Year to Date					
2012	3,053	1,760	646	1	646
2013	4,206	2,919	667	1	618
2014	3,686	2,812	507	2	365
Rolling 12 Months Ending in October					
2013	4,827	3,264	778	1	784
2014	4,373	3,301	638	2	431

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-October 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
May	23	0	8	1	14
June	19	0	0	0	19
July	97	0	5	0	93
August	104	0	9	2	93
Sept	104	0	9	2	94
October	87	0	9	1	77
Year to Date					
2012	1,107	0	95	9	1,003
2013	901	0	91	8	802
2014	686	0	71	12	603
Rolling 12 Months Ending in October					
2013	1,140	0	109	11	1,020
2014	930	0	90	15	825

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 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-October 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
May	407	301	57	1	49
June	428	326	46	0	56
July	467	285	58	0	124
August	473	286	59	2	125
Sept	460	268	70	2	120
October	311	177	33	2	99
Year to Date					
2012	4,160	1,760	740	10	1,649
2013	5,106	2,919	758	9	1,419
2014	4,372	2,812	579	14	968
Rolling 12 Months Ending in October					
2013	5,967	3,264	887	12	1,803
2014	5,303	3,301	728	17	1,257

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-October 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
May	672,659	316,903	304,251	4,686	46,819
June	745,369	333,070	359,738	4,933	47,627
July	870,103	376,959	436,112	5,421	51,611
August	923,476	408,028	458,832	5,573	51,044
Sept	797,271	339,492	403,673	5,221	48,886
October	727,192	307,383	368,539	4,938	46,332
Year to Date					
2012	8,242,857	3,559,779	4,101,669	54,165	527,243
2013	7,189,213	3,200,930	3,420,118	49,176	518,989
2014	7,158,929	3,146,266	3,471,864	50,251	490,548
Rolling 12 Months Ending in October					
2013	8,431,066	3,743,078	4,004,709	58,127	625,153
2014	8,482,199	3,716,832	4,104,867	60,690	599,809

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.
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Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output, by Sector, 2004-October 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
May	69,151	0	25,924	3,629	39,597
June	69,779	0	26,059	3,622	40,098
July	70,903	0	26,741	3,645	40,517
August	74,306	0	27,711	3,974	42,621
Sept	69,305	0	25,712	3,427	40,165
October	70,187	0	25,928	3,613	40,646
Year to Date					
2012	741,325	0	270,098	40,265	430,963
2013	736,871	0	272,230	37,833	426,809
2014	731,632	0	274,961	37,811	418,860
Rolling 12 Months Ending in October					
2013	881,649	0	324,739	45,452	511,458
2014	889,036	0	331,399	46,952	510,685

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.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-October 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
May	741,810	316,903	330,176	8,315	86,416
June	815,148	333,070	385,798	8,555	87,725
July	941,007	376,959	462,854	9,066	92,128
August	997,783	408,028	486,543	9,547	93,665
Sept	866,576	339,492	429,386	8,648	89,051
October	797,380	307,383	394,467	8,551	86,979
Year to Date					
2012	8,984,182	3,559,779	4,371,767	94,430	958,206
2013	7,926,084	3,200,930	3,692,348	87,009	945,797
2014	7,890,561	3,146,266	3,746,825	88,062	909,408
Rolling 12 Months Ending in October					
2013	9,312,715	3,743,078	4,329,448	103,578	1,136,611
2014	9,371,235	3,716,832	4,436,267	107,642	1,110,495

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 2.5.A. Landfill Gas: Consumption for Electricity Generation, by Sector, 2004-October 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
May	23,251	2,436	18,500	2,082	233
June	23,276	2,457	18,574	2,011	235
July	25,410	2,710	20,291	2,158	NM
August	24,736	2,586	19,740	2,175	236
Sept	23,901	2,496	19,148	2,023	234
October	24,188	2,549	19,287	2,091	260
Year to Date					
2012	211,791	20,976	166,590	22,142	2,083
2013	246,459	25,727	195,234	22,850	2,648
2014	237,906	24,880	188,664	21,833	2,529
Rolling 12 Months Ending in October					
2013	291,043	29,944	230,608	27,380	NM
2014	289,643	30,200	229,435	26,878	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 2.5.B. Landfill Gas: Consumption for Useful Thermal Output, by Sector, 2004-October 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
May	349	0	306	35	8
June	287	0	250	31	6
July	307	0	267	33	NM
August	367	0	324	33	9
Sept	281	0	242	32	7
October	346	0	295	45	6
Year to Date					
2012	2,712	0	2,379	281	52
2013	3,941	0	3,436	396	108
2014	3,485	0	3,033	372	81
Rolling 12 Months Ending in October					
2013	4,418	0	3,845	455	NM
2014	4,338	0	3,768	469	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 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-October 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
May	23,600	2,436	18,806	2,117	241
June	23,563	2,457	18,823	2,042	241
July	25,717	2,710	20,557	2,191	NM
August	25,103	2,586	20,064	2,208	246
Sept	24,182	2,496	19,390	2,055	241
October	24,533	2,549	19,582	2,136	266
Year to Date					
2012	214,503	20,976	168,970	22,423	2,134
2013	250,400	25,727	198,670	23,246	2,757
2014	241,391	24,880	191,697	22,205	2,609
Rolling 12 Months Ending in October					
2013	295,461	29,944	234,453	27,835	NM
2014	293,980	30,200	233,203	27,346	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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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-October 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
May	1,346	42	1,126	177	1
June	1,325	40	1,104	181	1
July	1,407	44	1,166	196	1
August	1,385	38	1,150	196	1
Sept	1,332	38	1,111	183	1
October	1,297	40	1,074	182	1
Year to Date					
2012	14,117	352	11,824	1,931	10
2013	13,145	382	10,921	1,835	7
2014	13,151	376	10,936	1,831	7
Rolling 12 Months Ending in October					
2013	15,996	447	13,332	2,207	NM
2014	15,883	451	13,207	2,216	9

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 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output, by Sector, 2004-October 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
May	161	0	50	99	12
June	165	0	53	98	14
July	170	0	52	104	15
August	153	0	42	97	13
Sept	156	0	44	99	13
October	166	0	54	99	13
Year to Date					
2012	1,660	0	438	1,061	161
2013	1,655	0	506	1,009	140
2014	1,627	0	506	986	134
Rolling 12 Months Ending in October					
2013	1,981	0	591	1,221	NM
2014	1,957	0	617	1,177	163

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-October 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
May	1,507	42	1,177	276	13
June	1,491	40	1,157	279	14
July	1,577	44	1,217	300	15
August	1,537	38	1,193	293	14
Sept	1,488	38	1,155	282	14
October	1,463	40	1,128	280	14
Year to Date					
2012	15,778	352	12,261	2,993	171
2013	14,800	382	11,427	2,844	146
2014	14,778	376	11,443	2,817	142
Rolling 12 Months Ending in October					
2013	17,976	447	13,923	3,429	NM
2014	17,840	451	13,824	3,393	172

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, October 2014 and October 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	3	NM	NM	2	0	0	NM	0	0	1	1
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	1	1	12.0%	0	0	0	0	0	0	0	0
Massachusetts	NM	NM	NM	0	0	0	NM	0	0	NM	NM
New Hampshire	2	0	757.0%	2	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	2,400	2,557	-6.1%	NM	0	2,376	2,537	NM	NM	23	20
New Jersey	43	51	-17.0%	0	0	43	51	0	0	0	0
New York	74	106	-30.0%	NM	0	67	99	0	0	6	6
Pennsylvania	2,283	2,400	-4.9%	0	0	2,266	2,386	NM	NM	17	13
East North Central	13,832	15,413	-10.0%	9,511	10,550	4,233	4,775	2	3	87	85
Illinois	3,939	4,405	-11.0%	463	410	3,421	3,943	1	1	54	50
Indiana	3,575	3,699	-3.4%	3,307	3,472	265	224	NM	1	NM	1
Michigan	2,288	2,608	-12.0%	2,256	2,587	19	NM	0	0	13	13
Ohio	2,598	2,902	-10.0%	2,065	2,297	527	599	NM	NM	6	6
Wisconsin	1,433	1,799	-20.0%	1,420	1,783	0	0	NM	NM	13	16
West North Central	10,466	10,720	-2.4%	10,335	10,587	0	0	5	6	126	128
Iowa	1,627	1,358	20.0%	1,556	1,282	0	0	3	4	67	72
Kansas	1,299	1,368	-5.1%	1,299	1,368	0	0	0	0	0	0
Minnesota	1,290	1,186	8.8%	1,262	1,160	0	0	0	0	28	26
Missouri	2,911	3,420	-15.0%	2,908	3,416	0	0	2	2	2	2
Nebraska	1,297	1,384	-6.3%	1,275	1,364	0	0	0	0	22	21
North Dakota	1,905	1,875	1.6%	1,899	1,869	0	0	0	0	7	7
South Dakota	136	129	5.4%	136	129	0	0	0	0	0	0
South Atlantic	8,005	9,297	-14.0%	6,667	7,442	1,293	1,802	2	2	44	52
Delaware	0	69	-100.0%	0	0	0	69	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,715	1,748	-1.9%	1,658	1,695	54	48	0	0	NM	4
Georgia	1,080	1,459	-26.0%	1,073	1,451	0	0	0	0	7	9
Maryland	418	561	-26.0%	0	0	413	557	NM	NM	3	3
North Carolina	1,271	1,404	-9.5%	1,225	1,341	43	58	0	0	3	5
South Carolina	731	776	-5.8%	728	770	0	0	0	0	3	6
Virginia	606	643	-5.7%	589	614	10	20	NM	NM	6	8
West Virginia	2,184	2,637	-17.0%	1,395	1,570	772	1,049	0	0	18	18
East South Central	5,870	6,598	-11.0%	5,849	6,308	0	266	NM	NM	21	24
Alabama	1,652	2,100	-21.0%	1,649	2,095	0	0	0	0	3	5
Kentucky	2,847	3,075	-7.4%	2,847	3,075	0	0	0	0	0	0
Mississippi	312	417	-25.0%	312	151	0	266	0	0	0	0
Tennessee	1,059	1,007	5.1%	1,041	987	0	0	NM	NM	18	19
West South Central	11,252	11,532	-2.4%	5,622	5,982	5,617	5,534	0	0	13	17
Arkansas	1,474	1,310	13.0%	1,211	1,169	262	140	0	0	1	1
Louisiana	817	798	2.4%	542	498	274	299	0	0	0	0
Oklahoma	1,311	1,392	-5.9%	1,182	1,259	117	118	0	0	12	15
Texas	7,651	8,032	-4.7%	2,687	3,055	4,964	4,977	0	0	0	0
Mountain	8,735	9,286	-5.9%	7,609	8,444	1,084	805	0	0	42	37
Arizona	1,950	1,968	-0.9%	1,950	1,968	0	0	0	0	0	0
Colorado	1,298	1,451	-11.0%	1,295	1,448	NM	NM	0	0	NM	NM
Idaho	1	1	2.7%	0	0	0	0	0	0	1	1
Montana	976	690	42.0%	NM	NM	956	668	0	0	NM	NM
Nevada	234	158	48.0%	167	95	67	62	0	0	0	0
New Mexico	905	1,185	-24.0%	905	1,185	0	0	0	0	0	0
Utah	1,214	1,451	-16.0%	1,169	1,398	NM	NM	0	0	23	19
Wyoming	2,157	2,381	-9.4%	2,104	2,328	NM	NM	0	0	17	15
Pacific Contiguous	723	843	-14.0%	232	228	484	608	0	0	7	7
California	21	26	-19.0%	0	0	16	21	0	0	6	6
Oregon	232	228	1.8%	232	228	0	0	0	0	0	0
Washington	470	588	-20.0%	0	0	469	587	0	0	1	1
Pacific Noncontiguous	102	102	0.2%	9	16	83	76	9	8	NM	NM
Alaska	35	42	-16.0%	9	16	17	18	9	8	0	0
Hawaii	67	60	12.0%	0	0	65	58	0	0	NM	NM
U.S. Total	61,390	66,359	-7.5%	45,837	49,556	15,170	16,412	19	20	364	371

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	2,000	2,076	-3.7%	439	492	1,548	1,573	0	0	13	11
Connecticut	420	268	57.0%	0	0	420	268	0	0	0	0
Maine	16	12	36.0%	0	0	9	5	0	0	7	6
Massachusetts	1,125	1,305	-14.0%	0	0	1,120	1,299	0	0	6	5
New Hampshire	439	492	-11.0%	439	492	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	35,404	37,407	-5.4%	NM	NM	35,134	37,191	6	5	248	201
New Jersey	970	731	33.0%	0	0	970	731	0	0	0	0
New York	2,063	1,968	4.9%	NM	NM	1,990	1,900	0	0	57	58
Pennsylvania	32,371	34,708	-6.7%	0	0	32,174	34,559	6	5	191	144
East North Central	160,612	162,263	-1.0%	113,577	115,022	46,032	46,277	65	75	938	890
Illinois	43,122	43,633	-1.2%	4,776	5,217	37,780	37,879	15	20	551	517
Indiana	41,451	38,498	7.7%	39,137	36,224	2,275	2,232	28	31	12	12
Michigan	25,202	26,517	-5.0%	24,851	26,191	201	172	19	22	132	132
Ohio	32,679	33,905	-3.6%	26,834	27,847	5,776	5,994	2	1	67	63
Wisconsin	18,158	19,709	-7.9%	17,980	19,543	0	0	1	1	177	166
West North Central	115,547	115,475	0.1%	114,120	114,110	0	0	65	67	1,362	1,297
Iowa	17,230	17,276	-0.3%	16,436	16,508	0	0	45	43	748	726
Kansas	15,492	15,922	-2.7%	15,492	15,922	0	0	0	0	0	0
Minnesota	13,824	11,334	22.0%	13,533	11,065	0	0	0	0	291	268
Missouri	36,286	37,298	-2.7%	36,235	37,245	0	0	20	24	31	28
Nebraska	12,814	13,238	-3.2%	12,592	13,030	0	0	0	0	221	208
North Dakota	18,389	18,827	-2.3%	18,319	18,760	0	0	0	0	70	67
South Dakota	1,511	1,580	-4.4%	1,511	1,580	0	0	0	0	0	0
South Atlantic	107,465	98,080	9.6%	89,333	80,718	17,592	16,836	27	28	513	499
Delaware	412	609	-32.0%	0	0	412	609	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	19,141	17,480	9.5%	18,570	16,957	535	484	0	0	36	39
Georgia	19,989	17,247	16.0%	19,903	17,157	0	0	0	0	86	90
Maryland	6,564	5,631	17.0%	0	0	6,511	5,583	17	17	35	31
North Carolina	16,966	16,056	5.7%	16,400	15,438	523	570	5	6	38	42
South Carolina	10,105	8,272	22.0%	10,053	8,220	0	0	0	0	52	51
Virginia	7,746	7,903	-2.0%	7,098	7,390	558	415	5	4	85	94
West Virginia	26,542	24,883	6.7%	17,308	15,555	9,052	9,176	0	0	181	152
East South Central	74,992	73,143	2.5%	72,496	70,267	2,258	2,621	5	5	233	251
Alabama	20,601	20,579	0.1%	20,562	20,536	NM	0	0	0	38	44
Kentucky	32,532	33,013	-1.5%	32,532	33,013	0	0	0	0	0	0
Mississippi	5,874	4,925	19.0%	3,617	2,304	2,257	2,621	0	0	0	0
Tennessee	15,985	14,626	9.3%	15,785	14,414	0	0	5	5	195	207
West South Central	130,992	128,986	1.6%	66,514	66,131	64,324	62,685	0	0	154	170
Arkansas	16,604	15,796	5.1%	14,745	13,808	1,847	1,968	0	0	12	19
Louisiana	10,680	11,848	-9.9%	4,769	5,881	5,908	5,965	0	0	NM	NM
Oklahoma	16,127	15,575	3.5%	14,967	14,499	1,020	927	0	0	139	149
Texas	87,581	85,766	2.1%	32,033	31,942	55,549	53,824	0	0	0	0
Mountain	89,853	93,724	-4.1%	80,055	84,180	9,359	9,095	0	0	439	449
Arizona	19,327	19,432	-0.5%	19,327	19,432	0	0	0	0	0	0
Colorado	15,005	15,583	-3.7%	14,975	15,550	26	29	0	0	4	4
Idaho	15	14	5.9%	0	0	0	0	0	0	15	14
Montana	8,276	7,991	3.6%	198	210	8,069	7,774	0	0	8	8
Nevada	3,053	2,469	24.0%	2,400	1,861	653	608	0	0	0	0
New Mexico	9,882	12,026	-18.0%	9,882	12,026	0	0	0	0	0	0
Utah	12,502	13,093	-4.5%	11,991	12,517	261	307	0	0	250	269
Wyoming	21,793	23,115	-5.7%	21,282	22,584	350	377	0	0	162	154
Pacific Contiguous	5,447	5,476	-0.5%	1,503	1,735	3,882	3,673	0	0	61	68
California	306	360	-15.0%	0	0	254	299	0	0	52	61
Oregon	1,503	1,735	-13.0%	1,503	1,735	0	0	0	0	0	0
Washington	3,638	3,381	7.6%	0	0	3,628	3,374	0	0	10	7
Pacific Noncontiguous	1,015	973	4.3%	147	152	773	725	79	81	15	16
Alaska	399	404	-1.3%	147	152	173	171	79	81	0	0
Hawaii	616	569	8.2%	0	0	601	553	0	0	15	16
U.S. Total	723,328	717,605	0.8%	538,202	532,817	180,904	180,674	246	261	3,976	3,853

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	26	34	-23.0%	4	5	13	21	8	NM	1	3
Connecticut	4	NM	NM	NM	1	3	NM	NM	NM	NM	NM
Maine	6	7	-18.0%	NM	NM	5	5	NM	NM	1	2
Massachusetts	12	17	-31.0%	1	2	4	NM	7	3	NM	1
New Hampshire	NM	NM	NM	1	0	NM	NM	NM	NM	NM	NM
Rhode Island	2	5	-51.0%	2	2	0	3	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	53	56	-6.2%	17	11	27	39	NM	NM	8	5
New Jersey	2	3	-27.0%	NM	NM	2	2	NM	NM	NM	NM
New York	29	32	-10.0%	16	11	7	16	NM	NM	5	5
Pennsylvania	22	21	2.6%	NM	NM	19	20	NM	NM	NM	NM
East North Central	72	77	-7.3%	56	63	14	12	NM	NM	2	3
Illinois	9	10	-12.0%	3	4	6	6	NM	NM	NM	NM
Indiana	19	20	-7.1%	18	19	NM	NM	NM	NM	1	1
Michigan	16	17	-3.2%	16	15	0	0	0	0	NM	1
Ohio	21	26	-21.0%	13	21	8	5	NM	NM	0	NM
Wisconsin	7	4	87.0%	7	4	NM	NM	NM	NM	0	NM
West North Central	40	39	2.6%	39	38	NM	NM	NM	NM	0	NM
Iowa	8	10	-18.0%	8	10	NM	NM	NM	NM	NM	NM
Kansas	7	10	-29.0%	7	10	0	0	0	0	0	0
Minnesota	4	7	-41.0%	NM	7	NM	NM	NM	NM	NM	NM
Missouri	12	6	105.0%	12	6	NM	NM	NM	NM	0	0
Nebraska	3	2	97.0%	3	2	0	0	0	0	0	0
North Dakota	5	3	57.0%	5	3	0	0	NM	NM	NM	NM
South Dakota	NM	2	NM	NM	2	NM	NM	NM	NM	0	0
South Atlantic	170	141	20.0%	113	106	45	20	NM	NM	6	9
Delaware	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	51	34	50.0%	49	32	NM	NM	0	0	2	2
Georgia	9	6	36.0%	6	4	NM	NM	NM	NM	1	2
Maryland	13	20	-34.0%	NM	1	7	12	NM	NM	0	0
North Carolina	15	31	-51.0%	14	30	NM	NM	NM	NM	1	1
South Carolina	12	10	20.0%	11	8	0	0	NM	NM	1	2
Virginia	52	22	140.0%	13	14	37	6	NM	0	1	2
West Virginia	18	18	1.7%	18	18	0	0	0	0	0	0
East South Central	40	36	10.0%	37	32	NM	1	NM	NM	3	4
Alabama	6	12	-48.0%	3	8	NM	1	0	0	2	3
Kentucky	15	14	5.7%	15	14	0	0	0	0	0	0
Mississippi	3	2	32.0%	3	2	0	0	0	0	0	0
Tennessee	16	8	99.0%	16	8	0	0	NM	NM	NM	NM
West South Central	21	31	-32.0%	10	18	11	12	NM	NM	1	1
Arkansas	4	10	-59.0%	3	8	1	2	0	0	0	0
Louisiana	4	6	-26.0%	1	2	2	3	0	0	0	1
Oklahoma	1	3	-59.0%	1	3	0	0	NM	NM	NM	NM
Texas	12	14	-10.0%	5	5	7	8	NM	NM	NM	NM
Mountain	34	34	-2.0%	30	31	4	3	NM	NM	NM	NM
Arizona	4	5	-8.9%	4	5	0	0	NM	NM	0	0
Colorado	NM	2	NM	NM	2	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	2	3	-10.0%	NM	NM	2	3	0	0	0	0
Nevada	3	3	-3.7%	2	3	1	0	0	0	0	0
New Mexico	8	12	-27.0%	8	11	NM	NM	0	0	NM	NM
Utah	4	4	-3.6%	4	4	NM	NM	0	0	NM	NM
Wyoming	7	6	17.0%	7	6	0	0	0	0	0	NM
Pacific Contiguous	12	8	54.0%	6	5	4	NM	NM	NM	2	2
California	9	5	62.0%	5	5	3	NM	NM	NM	NM	NM
Oregon	1	NM	NM	1	1	0	0	NM	NM	0	0
Washington	3	2	28.0%	NM	NM	1	1	NM	NM	2	1
Pacific Noncontiguous	1,012	1,036	-2.3%	868	894	133	133	1	NM	NM	8
Alaska	104	97	7.7%	97	90	0	0	NM	NM	6	7
Hawaii	908	939	-3.3%	771	804	133	133	0	0	NM	NM
U.S. Total	1,480	1,494	-0.9%	1,179	1,202	251	243	17	14	32	34

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	3,518	1,364	158.0%	474	239	2,852	1,026	144	68	48	30
Connecticut	870	413	111.0%	NM	5	848	402	NM	NM	NM	NM
Maine	495	350	42.0%	NM	NM	464	331	NM	NM	19	12
Massachusetts	1,556	408	281.0%	230	98	1,238	266	NM	32	16	12
New Hampshire	451	121	272.0%	206	109	220	NM	NM	12	NM	NM
Rhode Island	94	47	103.0%	9	19	82	26	NM	NM	0	0
Vermont	NM	NM	NM	NM	9	0	0	NM	NM	0	0
Middle Atlantic	5,397	2,264	138.0%	1,581	823	3,703	1,362	NM	NM	74	64
New Jersey	731	156	368.0%	NM	NM	717	147	NM	NM	NM	NM
New York	3,475	1,569	121.0%	1,572	816	1,809	683	NM	NM	63	58
Pennsylvania	1,191	539	121.0%	NM	NM	1,177	531	NM	NM	NM	4
East North Central	1,246	999	25.0%	888	796	331	184	NM	NM	25	16
Illinois	147	123	20.0%	55	45	91	77	NM	NM	NM	NM
Indiana	240	212	13.0%	225	204	NM	NM	NM	NM	14	8
Michigan	224	223	0.4%	218	216	0	0	2	2	5	5
Ohio	540	378	43.0%	302	273	233	103	NM	NM	NM	NM
Wisconsin	95	62	53.0%	87	57	7	4	NM	NM	1	1
West North Central	620	502	24.0%	593	493	23	5	NM	NM	3	3
Iowa	109	139	-22.0%	106	136	NM	3	NM	NM	NM	NM
Kansas	94	89	5.4%	94	89	0	0	0	0	0	0
Minnesota	106	50	110.0%	83	46	19	1	NM	NM	2	1
Missouri	202	115	76.0%	202	114	NM	NM	NM	NM	0	0
Nebraska	50	40	26.0%	50	40	0	0	0	0	0	0
North Dakota	43	50	-15.0%	42	49	0	0	NM	NM	1	1
South Dakota	16	18	-10.0%	16	17	NM	NM	NM	NM	0	0
South Atlantic	6,025	2,545	137.0%	4,117	1,906	1,530	386	276	146	103	106
Delaware	256	41	522.0%	NM	NM	256	39	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	977	775	26.0%	938	739	NM	NM	0	0	31	27
Georgia	288	141	104.0%	197	102	60	NM	NM	2	29	36
Maryland	1,052	376	180.0%	NM	10	765	222	NM	143	0	0
North Carolina	761	313	143.0%	693	294	52	11	NM	NM	16	8
South Carolina	521	175	197.0%	478	159	26	0	NM	NM	17	16
Virginia	1,939	507	283.0%	1,609	385	319	102	1	1	10	18
West Virginia	231	217	6.8%	188	214	43	2	0	0	0	0
East South Central	773	531	46.0%	695	479	24	2	NM	NM	55	50
Alabama	207	140	48.0%	130	92	24	2	0	0	53	47
Kentucky	223	176	27.0%	223	176	0	0	0	0	0	0
Mississippi	NM	21	NM	NM	18	0	0	0	0	1	3
Tennessee	318	193	65.0%	317	193	0	0	NM	NM	NM	NM
West South Central	304	401	-24.0%	137	230	153	148	NM	NM	13	22
Arkansas	35	178	-80.0%	21	155	11	22	0	0	3	1
Louisiana	74	74	-0.2%	26	21	41	35	0	0	8	18
Oklahoma	21	14	45.0%	21	14	0	0	NM	NM	NM	NM
Texas	174	135	29.0%	70	40	101	92	NM	NM	NM	NM
Mountain	370	323	15.0%	331	289	36	31	NM	0	3	3
Arizona	90	63	44.0%	90	63	0	0	NM	NM	0	0
Colorado	NM	18	NM	NM	18	0	1	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	31	24	30.0%	NM	NM	30	24	0	0	0	0
Nevada	25	28	-9.2%	22	23	4	5	0	0	0	0
New Mexico	98	78	26.0%	97	77	NM	NM	0	0	NM	NM
Utah	46	50	-8.7%	44	49	NM	NM	0	0	NM	NM
Wyoming	61	63	-2.8%	58	60	0	0	0	0	3	3
Pacific Contiguous	129	124	4.2%	73	65	35	26	NM	NM	19	31
California	80	72	11.0%	52	50	23	NM	NM	NM	4	8
Oregon	NM	NM	NM	14	9	0	0	NM	NM	0	0
Washington	35	42	-17.0%	NM	NM	13	13	NM	NM	15	23
Pacific Noncontiguous	9,522	9,763	-2.5%	8,179	8,442	1,231	1,211	11	12	101	98
Alaska	953	1,002	-4.9%	905	936	0	0	7	8	41	58
Hawaii	8,569	8,761	-2.2%	7,273	7,506	1,231	1,211	4	4	60	40
U.S. Total	27,905	18,815	48.0%	17,068	13,763	9,917	4,381	476	248	444	422

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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, October 2014 and October 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 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	42	77	-46.0%	30	22	8	48	0	0	3	8
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	2	0	--	2	0	0	0	0	0	0	0
Michigan	30	24	24.0%	27	20	1	1	0	0	NM	NM
Ohio	7	47	-85.0%	0	0	7	47	0	0	NM	0
Wisconsin	3	6	-55.0%	1	2	0	0	0	0	2	4
West North Central	0	0	44.0%	0	0	0	0	0	0	0	0
Iowa	0	0	44.0%	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	3	58	-95.0%	0	56	0	0	0	0	3	3
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	56	-100.0%	0	56	0	0	0	0	0	0
Georgia	3	3	4.9%	0	0	0	0	0	0	3	3
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	33	42	-21.0%	33	42	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	33	42	-21.0%	33	42	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	127	205	-38.0%	114	169	0	0	0	0	13	35
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	118	182	-35.0%	114	169	0	0	0	0	NM	13
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	9	23	-61.0%	0	0	0	0	0	0	9	23
Mountain	15	16	-9.1%	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	-9.1%	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	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	224	408	-45.0%	177	289	24	67	0	0	22	52

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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 October 2014 and October 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 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	65	67	-1.8%	0	0	0	0	0	0	65	67
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	38	43	-11.0%	0	0	0	0	0	0	38	43
East North Central	1,009	831	21.0%	574	312	377	455	0	0	58	63
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	241	267	-9.8%	241	267	0	0	0	0	0	0
Michigan	336	70	380.0%	291	20	19	25	0	0	26	24
Ohio	360	433	-17.0%	0	0	358	430	0	0	2	3
Wisconsin	73	61	19.0%	43	25	0	0	0	0	30	36
West North Central	2	1	57.0%	0	0	0	0	2	1	0	0
Iowa	2	1	57.0%	0	0	0	0	2	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	469	745	-37.0%	442	714	0	0	0	0	28	32
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	442	714	-38.0%	442	714	0	0	0	0	0	0
Georgia	28	32	-13.0%	0	0	0	0	0	0	28	32
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	337	425	-21.0%	337	425	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	337	425	-21.0%	337	425	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	1,674	1,969	-15.0%	1,459	1,468	0	45	0	0	214	457
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,567	1,581	-0.8%	1,459	1,468	0	0	0	0	108	113
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	106	389	-73.0%	0	0	0	45	0	0	106	344
Mountain	121	141	-14.0%	0	0	121	141	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	121	141	-14.0%	0	0	121	141	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	26	NM	0	0	NM	26	0	0	0	0
California	NM	26	NM	0	0	NM	26	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	3,686	4,206	-12.0%	2,812	2,919	507	667	2	1	365	618

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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, October 2014 and October 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	30,946	31,998	-3.3%	360	35	29,123	29,904	653	494	810	1,565
Connecticut	7,441	8,443	-12.0%	16	11	6,921	8,007	NM	261	NM	165
Maine	1,645	2,722	-40.0%	0	0	1,137	1,384	NM	NM	485	1,317
Massachusetts	14,133	14,269	-1.0%	340	21	13,412	13,994	271	180	NM	NM
New Hampshire	3,521	2,114	67.0%	0	0	3,500	2,096	NM	NM	NM	NM
Rhode Island	4,203	4,448	-5.5%	0	0	4,153	4,423	NM	NM	0	0
Vermont	3	4	-11.0%	3	4	0	0	0	0	0	0
Middle Atlantic	92,944	71,593	30.0%	7,296	7,428	84,501	63,010	562	543	585	613
New Jersey	19,923	15,494	29.0%	0	NM	19,747	15,152	NM	NM	NM	242
New York	34,458	28,524	21.0%	7,294	7,418	26,629	20,608	396	381	NM	117
Pennsylvania	38,563	27,575	40.0%	NM	0	38,125	27,250	NM	NM	NM	254
East North Central	35,646	34,372	3.7%	12,115	13,092	21,272	19,423	1,193	1,041	1,066	815
Illinois	4,644	2,182	113.0%	NM	25	3,646	1,495	625	538	NM	124
Indiana	6,178	5,975	3.4%	5,033	4,552	828	1,232	NM	NM	271	172
Michigan	7,938	7,322	8.4%	2,242	1,281	5,088	5,336	243	282	364	423
Ohio	9,458	14,226	-34.0%	1,570	5,234	7,559	8,741	NM	NM	NM	NM
Wisconsin	7,429	4,667	59.0%	3,111	2,000	4,151	2,619	NM	NM	122	39
West North Central	12,255	7,652	60.0%	9,566	6,668	2,276	639	NM	167	186	177
Iowa	1,393	NM	NM	1,353	NM	NM	NM	NM	NM	NM	NM
Kansas	1,473	1,694	-13.0%	1,391	1,604	0	0	0	0	NM	NM
Minnesota	4,652	2,839	64.0%	3,625	2,116	861	622	NM	NM	NM	49
Missouri	4,137	1,963	111.0%	2,620	1,832	1,415	NM	95	112	NM	NM
Nebraska	354	NM	NM	338	NM	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Atlantic	155,063	158,317	-2.1%	121,044	128,714	32,062	27,324	NM	225	1,668	2,054
Delaware	4,379	4,104	6.7%	NM	0	3,764	3,483	0	0	607	621
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	91,114	93,527	-2.6%	84,568	86,905	5,843	5,851	NM	NM	685	753
Georgia	29,777	25,175	18.0%	18,888	19,610	10,762	5,182	0	0	127	383
Maryland	1,757	2,230	-21.0%	0	0	1,537	2,076	NM	NM	NM	NM
North Carolina	12,663	15,157	-16.0%	8,270	9,280	4,347	5,808	0	4	46	64
South Carolina	6,378	6,155	3.6%	5,261	4,938	1,064	1,148	NM	NM	53	69
Virginia	7,634	11,856	-36.0%	4,031	7,982	3,481	3,735	0	0	122	139
West Virginia	1,283	NM	NM	18	0	1,265	42	0	0	0	NM
East South Central	54,094	49,401	9.5%	29,879	26,836	22,101	20,621	NM	NM	2,003	1,844
Alabama	30,845	27,310	13.0%	10,326	8,782	19,799	17,891	0	0	720	637
Kentucky	612	841	-27.0%	479	702	13	15	0	0	NM	124
Mississippi	19,898	18,430	8.0%	16,522	14,634	2,290	2,715	NM	NM	1,079	1,073
Tennessee	2,738	2,821	-2.9%	2,552	2,718	0	0	NM	NM	83	10
West South Central	181,193	172,453	5.1%	51,705	51,988	95,415	83,692	532	538	33,540	36,236
Arkansas	4,419	5,703	-23.0%	1,026	1,539	3,240	4,039	NM	NM	153	125
Louisiana	37,219	35,425	5.1%	17,350	14,482	5,511	5,463	NM	NM	14,340	15,461
Oklahoma	15,181	14,316	6.0%	10,237	12,232	4,871	2,012	NM	NM	NM	NM
Texas	124,373	117,009	6.3%	23,092	23,734	81,793	72,177	492	499	18,996	20,598
Mountain	57,206	46,933	22.0%	34,960	25,880	21,304	19,720	243	255	700	1,078
Arizona	19,856	15,224	30.0%	9,411	4,744	10,359	10,390	NM	90	0	0
Colorado	8,980	5,359	68.0%	4,974	3,188	3,998	2,153	0	0	NM	NM
Idaho	1,188	1,579	-25.0%	NM	219	1,092	1,332	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	16,016	14,076	14.0%	12,079	10,345	3,710	3,498	NM	56	174	177
New Mexico	5,110	5,019	1.8%	3,269	3,425	1,775	1,525	NM	69	0	0
Utah	5,310	5,028	5.6%	4,653	3,568	NM	787	NM	NM	293	634
Wyoming	264	267	-1.0%	NM	NM	NM	NM	0	0	209	223
Pacific Contiguous	105,200	90,104	17.0%	37,854	32,708	60,484	50,168	1,126	1,169	5,736	6,059
California	86,527	71,872	20.0%	25,469	21,531	54,300	43,259	1,094	1,123	5,664	5,958
Oregon	9,651	9,173	5.2%	3,945	3,092	5,629	5,982	NM	NM	52	54
Washington	9,022	9,060	-0.4%	8,440	8,085	556	927	NM	NM	19	46
Pacific Noncontiguous	2,646	2,487	6.4%	2,605	2,440	0	0	NM	NM	NM	NM
Alaska	2,646	2,487	6.4%	2,605	2,440	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	727,192	665,310	9.3%	307,383	295,788	368,539	314,502	4,938	4,534	46,332	50,486

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 October 2014 and October 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	302,586	335,040	-9.7%	3,332	2,347	282,293	309,575	7,231	7,041	9,731	16,077
Connecticut	86,237	95,476	-9.7%	110	78	80,594	90,048	3,294	3,192	2,239	2,158
Maine	26,649	29,879	-11.0%	0	0	20,053	16,821	NM	NM	6,340	12,817
Massachusetts	123,510	142,750	-13.0%	2,834	1,887	116,481	136,751	3,151	3,116	1,044	996
New Hampshire	26,440	25,049	5.5%	360	347	25,858	24,489	NM	NM	NM	NM
Rhode Island	39,722	41,850	-5.1%	0	0	39,306	41,467	416	383	0	0
Vermont	28	35	-20.0%	28	35	0	0	0	0	0	0
Middle Atlantic	886,757	843,480	5.1%	93,239	104,204	779,994	725,142	6,345	6,582	7,178	7,552
New Jersey	196,224	177,483	11.0%	0	NM	192,836	173,271	1,016	1,104	2,373	2,907
New York	370,497	372,207	-0.5%	93,218	103,985	271,409	262,215	4,365	4,576	1,505	1,431
Pennsylvania	320,036	293,790	8.9%	NM	NM	315,750	289,655	964	903	3,300	3,214
East North Central	382,924	389,979	-1.8%	140,867	145,181	221,037	224,589	11,701	11,428	9,321	8,782
Illinois	41,499	52,492	-21.0%	3,290	5,048	29,705	39,223	6,655	6,518	1,849	1,703
Indiana	60,161	63,630	-5.5%	41,450	43,345	15,903	17,758	276	247	2,532	2,278
Michigan	83,372	85,222	-2.2%	24,074	23,299	53,998	56,147	1,921	2,123	3,379	3,653
Ohio	147,358	134,824	9.3%	46,922	44,435	97,195	87,242	2,460	2,434	781	712
Wisconsin	50,534	53,812	-6.1%	25,130	29,054	24,236	24,218	389	105	779	435
West North Central	92,920	117,734	-21.0%	78,561	100,161	11,026	14,463	1,865	1,568	1,469	1,543
Iowa	10,550	11,578	-8.9%	10,211	11,372	NM	NM	NM	26	NM	NM
Kansas	19,297	22,304	-13.0%	18,658	21,693	0	0	0	0	639	612
Minnesota	26,234	43,319	-39.0%	20,969	34,806	3,807	7,211	1,072	792	386	510
Missouri	29,809	32,458	-8.2%	21,880	24,453	7,218	7,251	691	746	NM	NM
Nebraska	3,997	4,602	-13.0%	3,860	4,443	0	0	NM	NM	NM	NM
North Dakota	84	84	0.1%	NM	NM	0	0	0	0	NM	78
South Dakota	2,949	3,390	-13.0%	2,949	3,390	0	0	0	0	0	0
South Atlantic	1,604,296	1,597,450	0.4%	1,277,001	1,272,721	306,930	299,943	2,876	2,563	17,490	22,224
Delaware	41,966	43,587	-3.7%	NM	NM	35,824	34,856	0	0	6,099	8,673
District of Columbia	826	820	0.7%	0	0	0	0	826	820	0	0
Florida	910,668	887,040	2.7%	846,665	818,042	56,821	61,254	145	NM	7,038	7,598
Georgia	243,082	245,614	-1.0%	170,344	183,177	70,844	58,953	0	0	1,893	3,484
Maryland	20,031	22,763	-12.0%	0	0	17,836	20,883	1,901	1,574	295	306
North Carolina	168,520	166,921	1.0%	115,461	109,272	52,539	57,109	2	19	518	521
South Carolina	76,381	82,550	-7.5%	65,605	70,370	10,373	11,485	NM	NM	400	691
Virginia	136,579	145,448	-6.1%	77,046	91,356	58,317	53,198	0	0	1,216	894
West Virginia	6,243	2,707	131.0%	1,836	445	4,376	2,205	0	0	31	57
East South Central	549,019	545,529	0.6%	300,143	307,451	226,279	215,424	1,213	1,201	21,383	21,452
Alabama	285,858	285,974	0.0%	88,844	88,701	190,126	189,963	0	0	6,889	7,310
Kentucky	24,939	14,934	67.0%	21,950	11,335	1,525	2,137	0	0	1,464	1,462
Mississippi	198,860	212,159	-6.3%	151,584	176,229	34,628	23,324	NM	NM	12,566	12,523
Tennessee	39,361	32,462	21.0%	37,765	31,186	0	0	1,132	1,117	464	158
West South Central	1,933,417	1,958,995	-1.3%	587,623	621,354	984,750	961,670	4,992	4,991	356,052	370,980
Arkansas	59,617	78,463	-24.0%	12,073	23,789	46,225	53,387	NM	NM	1,312	1,281
Louisiana	395,347	376,985	4.9%	180,849	161,883	64,698	55,428	196	202	149,603	159,472
Oklahoma	180,110	212,603	-15.0%	120,901	161,212	58,595	50,813	103	86	511	493
Texas	1,298,343	1,290,943	0.6%	273,799	274,470	815,232	802,042	4,687	4,697	204,625	209,734
Mountain	526,810	537,710	-2.0%	331,907	317,811	183,839	206,645	2,480	2,516	8,584	10,737
Arizona	171,017	178,161	-4.0%	80,845	75,944	89,313	101,340	859	877	0	0
Colorado	78,154	73,102	6.9%	44,482	40,266	33,563	32,637	39	42	69	158
Idaho	15,039	19,410	-23.0%	7,660	9,606	7,123	9,452	0	0	256	352
Montana	3,661	4,017	-8.9%	3,467	3,806	NM	NM	0	0	0	0
Nevada	140,518	152,758	-8.0%	109,171	113,920	30,005	36,570	559	542	783	1,727
New Mexico	61,674	61,673	0.0%	41,262	41,373	19,802	19,632	610	667	0	2
Utah	54,136	45,778	18.0%	44,700	32,553	3,684	6,635	413	389	5,339	6,200
Wyoming	2,611	2,810	-7.1%	NM	NM	NM	NM	0	0	2,136	2,299
Pacific Contiguous	855,319	835,324	2.4%	309,065	302,117	475,717	462,668	11,533	11,271	59,005	59,269
California	718,584	694,758	3.4%	224,252	220,618	424,722	404,802	11,251	10,916	58,359	58,422
Oregon	71,710	78,878	-9.1%	27,563	27,855	43,513	50,191	NM	346	411	487
Washington	65,025	61,688	5.4%	57,250	53,643	7,482	7,675	58	10	235	360
Pacific Noncontiguous	24,881	27,972	-11.0%	24,529	27,584	0	0	NM	NM	NM	373
Alaska	24,881	27,972	-11.0%	24,529	27,584	0	0	NM	NM	NM	373
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	7,158,929	7,189,213	-0.4%	3,146,266	3,200,930	3,471,864	3,420,118	50,251	49,176	490,548	518,989

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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, October 2014 and October 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	1,152	991	16.0%	0	0	1,097	932	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	345	369	-6.6%	0	0	345	369	0	0	0	0
New Hampshire	186	194	-4.4%	0	0	NM	135	NM	NM	0	0
Rhode Island	450	247	82.0%	0	0	450	247	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,672	4,724	-1.1%	0	0	4,644	4,694	NM	NM	0	0
New Jersey	984	1,029	-4.4%	0	0	984	1,029	0	0	0	0
New York	1,571	1,643	-4.4%	0	0	1,571	1,643	0	0	0	0
Pennsylvania	2,118	2,052	3.2%	0	0	2,090	2,023	NM	NM	0	0
East North Central	6,157	6,533	-5.8%	726	756	5,396	5,719	0	NM	NM	NM
Illinois	1,549	1,624	-4.6%	0	0	1,549	1,624	0	0	0	0
Indiana	719	750	-4.1%	684	716	0	0	0	0	NM	NM
Michigan	1,662	1,744	-4.7%	0	0	1,662	1,744	0	0	0	0
Ohio	1,014	1,059	-4.3%	NM	NM	992	1,039	0	0	0	0
Wisconsin	1,214	1,357	-11.0%	NM	NM	1,193	1,313	0	NM	0	0
West North Central	963	987	-2.5%	298	296	664	692	0	0	0	0
Iowa	211	217	-2.9%	0	0	211	217	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	352	364	-3.1%	NM	NM	279	293	0	0	0	0
Missouri	159	156	2.5%	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	3,645	3,820	-4.6%	452	471	2,736	2,830	231	262	NM	256
Delaware	NM	143	NM	0	0	NM	143	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	601	620	-3.2%	160	168	441	452	0	0	0	0
Georgia	280	297	-5.5%	0	0	232	243	NM	NM	0	0
Maryland	299	331	-9.9%	0	0	NM	151	NM	181	0	0
North Carolina	561	591	-5.0%	0	0	561	591	0	0	0	0
South Carolina	551	593	-7.1%	292	303	NM	NM	0	0	NM	256
Virginia	1,193	1,219	-2.2%	0	0	1,167	1,191	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	324	338	-4.1%	238	249	NM	NM	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	238	249	-4.2%	238	249	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	1,514	1,581	-4.2%	0	0	1,446	1,509	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	1,389	1,450	-4.2%	0	0	1,321	1,379	NM	NM	0	0
Mountain	336	353	-4.7%	NM	NM	263	276	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	5,425	5,994	-9.5%	761	783	2,955	3,145	1,709	2,067	0	0
California	4,626	5,168	-10.0%	284	289	2,683	2,868	1,659	2,012	0	0
Oregon	434	454	-4.3%	NM	145	246	253	NM	NM	0	0
Washington	364	372	-2.2%	339	348	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	24,188	25,321	-4.5%	2,549	2,631	19,287	19,887	2,091	2,513	260	290

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	10,380	9,707	6.9%	0	0	9,883	9,176	497	531	0	0
Connecticut	639	641	-0.4%	0	0	639	641	0	0	0	0
Maine	557	559	-0.4%	0	0	557	559	0	0	0	0
Massachusetts	3,603	3,651	-1.3%	0	0	3,603	3,651	0	0	0	0
New Hampshire	1,812	1,853	-2.2%	0	0	1,315	1,322	497	531	0	0
Rhode Island	3,181	2,412	32.0%	0	0	3,181	2,412	0	0	0	0
Vermont	588	590	-0.4%	0	0	588	590	0	0	0	0
Middle Atlantic	45,801	46,885	-2.3%	0	0	45,537	46,606	264	NM	0	0
New Jersey	9,871	9,944	-0.7%	0	0	9,871	9,944	0	0	0	0
New York	15,267	16,202	-5.8%	0	0	15,267	16,202	0	0	0	0
Pennsylvania	20,663	20,739	-0.4%	0	0	20,399	20,460	264	NM	0	0
East North Central	57,582	64,360	-11.0%	6,633	7,444	50,513	56,409	NM	NM	291	NM
Illinois	15,662	16,042	-2.4%	0	0	15,662	16,042	0	0	0	0
Indiana	6,550	7,356	-11.0%	6,259	7,068	0	0	0	0	291	NM
Michigan	17,152	17,224	-0.4%	0	0	17,152	17,224	0	0	0	0
Ohio	5,705	10,442	-45.0%	189	190	5,516	10,252	0	0	0	0
Wisconsin	12,513	13,296	-5.9%	185	186	12,183	12,891	NM	NM	0	0
West North Central	9,667	9,704	-0.4%	2,841	2,853	6,826	6,851	0	0	0	0
Iowa	2,146	2,153	-0.3%	0	0	2,146	2,153	0	0	0	0
Kansas	1,300	1,303	-0.2%	0	0	1,300	1,303	0	0	0	0
Minnesota	3,552	3,568	-0.4%	665	669	2,887	2,899	0	0	0	0
Missouri	1,486	1,492	-0.4%	993	997	493	495	0	0	0	0
Nebraska	1,183	1,188	-0.4%	1,183	1,188	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	36,894	37,157	-0.7%	4,663	4,587	27,706	27,797	2,286	2,413	2,238	2,360
Delaware	1,408	1,414	-0.4%	0	0	1,408	1,414	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	6,209	6,089	2.0%	1,701	1,611	4,508	4,478	0	0	0	0
Georgia	2,852	2,890	-1.3%	0	0	2,389	2,399	463	491	0	0
Maryland	3,043	3,140	-3.1%	0	0	1,459	1,472	1,584	1,668	0	0
North Carolina	5,791	5,827	-0.6%	0	0	5,791	5,827	0	0	0	0
South Carolina	5,534	5,671	-2.4%	2,962	2,975	334	336	0	0	2,238	2,360
Virginia	11,815	11,884	-0.6%	0	0	11,576	11,629	239	NM	0	0
West Virginia	241	242	-0.5%	0	0	241	242	0	0	0	0
East South Central	3,315	3,329	-0.4%	2,443	2,453	873	877	0	0	0	0
Alabama	230	231	-0.4%	0	0	230	231	0	0	0	0
Kentucky	2,443	2,453	-0.4%	2,443	2,453	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	643	645	-0.4%	0	0	643	645	0	0	0	0
West South Central	15,414	15,521	-0.7%	0	0	14,823	14,886	591	635	0	0
Arkansas	1,284	1,290	-0.4%	0	0	1,284	1,290	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	14,129	14,231	-0.7%	0	0	13,538	13,596	591	635	0	0
Mountain	3,474	3,489	-0.4%	755	759	2,718	2,730	0	0	0	0
Arizona	1,157	1,162	-0.4%	755	759	402	403	0	0	0	0
Colorado	576	579	-0.4%	0	0	576	579	0	0	0	0
Idaho	466	468	-0.4%	0	0	466	468	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	1,274	1,280	-0.4%	0	0	1,274	1,280	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	55,380	56,308	-1.6%	7,545	7,632	29,785	29,902	18,051	18,774	0	0
California	47,341	48,213	-1.8%	2,710	2,777	27,059	27,168	17,573	18,268	0	0
Oregon	4,412	4,454	-0.9%	1,431	1,437	2,503	2,510	478	506	0	0
Washington	3,627	3,641	-0.4%	3,404	3,417	223	224	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	237,906	246,459	-3.5%	24,880	25,727	188,664	195,234	21,833	22,850	2,529	2,648

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	305	307	-0.5%	0	0	291	291	15	16	0	0
Connecticut	107	108	-0.8%	0	0	107	108	0	0	0	0
Maine	22	23	-5.1%	0	0	7	8	15	16	0	0
Massachusetts	164	163	0.5%	0	0	164	163	0	0	0	0
New Hampshire	12	12	-1.6%	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	420	428	-1.8%	0	0	340	341	80	87	0	0
New Jersey	111	108	2.4%	0	0	84	81	27	28	0	0
New York	162	167	-3.0%	0	0	125	127	37	40	0	0
Pennsylvania	148	153	-3.6%	0	0	131	133	17	20	0	0
East North Central	22	21	6.6%	2	3	0	0	20	18	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-17.0%	0	0	0	0	1	1	0	0
Michigan	19	17	17.0%	0	0	0	0	19	17	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	2	3	-42.0%	2	3	0	0	0	0	0	0
West North Central	57	56	0.5%	38	38	16	16	NM	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	57	56	0.5%	38	38	16	16	NM	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	405	401	1.1%	0	0	372	368	33	33	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	255	254	0.3%	0	0	255	254	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	68	67	1.1%	0	0	68	67	NM	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	82	80	3.4%	0	0	49	47	33	33	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	24.0%	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	24.0%	0	0	0	0	0	0	1	1
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	NM	0	NM	0	0	NM	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	NM	0	NM	0	0	NM	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	55	59	-8.3%	0	0	55	59	0	0	0	0
California	35	39	-12.0%	0	0	35	39	0	0	0	0
Oregon	7	8	-1.3%	0	0	7	8	0	0	0	0
Washington	12	12	-0.7%	0	0	12	12	0	0	0	0
Pacific Noncontiguous	31	33	-5.5%	0	0	0	0	31	33	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	31	33	-5.5%	0	0	0	0	31	33	0	0
U.S. Total	1,297	1,307	-0.8%	40	41	1,074	1,076	182	189	1	1

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	3,120	3,051	2.3%	0	0	2,977	2,903	143	148	0	0
Connecticut	1,142	1,111	2.8%	0	0	1,142	1,111	0	0	0	0
Maine	220	225	-2.0%	0	0	78	77	143	148	0	0
Massachusetts	1,635	1,594	2.6%	0	0	1,635	1,594	0	0	0	0
New Hampshire	122	121	1.1%	0	0	122	121	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	4,167	4,169	0.0%	0	0	3,303	3,287	864	883	0	0
New Jersey	1,091	1,076	1.4%	0	0	807	789	283	287	0	0
New York	1,558	1,550	0.5%	0	0	1,200	1,178	358	372	0	0
Pennsylvania	1,519	1,543	-1.6%	0	0	1,297	1,320	222	224	0	0
East North Central	204	199	2.8%	27	29	0	0	177	170	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	9	9	-3.1%	0	0	0	0	9	9	0	0
Michigan	168	161	4.8%	0	0	0	0	168	161	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	27	29	-6.5%	27	29	0	0	0	0	0	0
West North Central	530	531	-0.2%	349	353	167	166	13	12	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	530	531	-0.2%	349	353	167	166	13	12	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	4,197	4,266	-1.6%	0	0	3,886	3,954	310	312	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	2,671	2,788	-4.2%	0	0	2,671	2,788	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	671	647	3.8%	0	0	671	647	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	854	831	2.9%	0	0	544	519	310	312	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	7	7	6.3%	0	0	0	0	0	0	7	7
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	7	7	6.3%	0	0	0	0	0	0	7	7
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	2	2	-2.7%	0	0	2	2	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	2	2	-2.7%	0	0	2	2	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	600	610	-1.7%	0	0	600	610	0	0	0	0
California	396	408	-3.0%	0	0	396	408	0	0	0	0
Oregon	77	76	1.1%	0	0	77	76	0	0	0	0
Washington	127	125	1.1%	0	0	127	125	0	0	0	0
Pacific Noncontiguous	325	311	4.6%	0	0	0	0	325	311	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	325	311	4.6%	0	0	0	0	325	311	0	0
U.S. Total	13,151	13,145	0.0%	376	382	10,936	10,921	1,831	1,835	7	7

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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 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 2004 - October 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
May	136,218	28,364	457	107,482	20,457	374	28,736	7,907	83
June	132,885	28,604	407	103,362	20,500	354	29,523	8,103	54
July	125,389	27,921	381	97,269	19,888	300	28,120	8,033	81
August	121,042	28,043	388	92,819	20,028	289	28,222	8,015	99
Sept	124,176	28,403	389	95,675	20,049	297	28,502	8,354	92
October	136,188	29,319	510	104,905	20,391	394	31,283	8,927	116

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, October 2014 and 2013

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	October 2014	October 2013	Percentage Change	October 2014	October 2013	Percentage Change	October 2014	October 2013	Percentage Change
New England	W	1,283	W	3,951	3,495	13.0%	0	0	--
Connecticut	W	W	W	1,352	1,221	11.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	W	W	1,572	1,466	7.2%	0	0	--
New Hampshire	W	W	W	W	W	W	0	0	--
Rhode Island	W	0	W	W	W	W	0	0	--
Vermont	0	0	--	22	39	-45.0%	0	0	--
Middle Atlantic	8,266	6,162	34.0%	4,341	4,656	-6.8%	W	W	W
New Jersey	836	998	-16.0%	643	819	-22.0%	0	0	--
New York	762	490	55.0%	2,850	3,134	-9.1%	0	0	--
Pennsylvania	6,668	4,674	43.0%	848	702	21.0%	W	W	W
East North Central	30,137	29,814	1.1%	1,152	1,102	4.5%	115	77	51.0%
Illinois	7,363	6,288	17.0%	81	95	-15.0%	0	0	--
Indiana	7,780	8,316	-6.5%	199	104	91.0%	0	0	--
Michigan	5,785	6,148	-5.9%	352	416	-15.0%	W	W	W
Ohio	5,847	5,051	16.0%	298	267	11.0%	W	W	W
Wisconsin	3,363	4,010	-16.0%	222	220	1.2%	W	W	W
West North Central	19,230	24,314	-21.0%	972	964	0.9%	0	0	--
Iowa	4,157	7,114	-42.0%	141	135	4.0%	0	0	--
Kansas	2,938	3,055	-3.8%	142	151	-6.0%	0	0	--
Minnesota	W	W	W	132	149	-12.0%	0	0	--
Missouri	5,457	7,618	-28.0%	357	296	21.0%	0	0	--
Nebraska	2,844	2,826	0.6%	108	119	-9.6%	0	0	--
North Dakota	1,626	1,134	43.0%	32	42	-24.0%	0	0	--
South Dakota	W	W	W	61	71	-14.0%	0	0	--
South Atlantic	27,103	32,692	-17.0%	12,020	12,680	-5.2%	W	W	W
Delaware	W	W	W	256	369	-31.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	5,092	W	5,985	6,476	-7.6%	W	W	W
Georgia	5,135	8,474	-39.0%	863	902	-4.4%	0	0	--
Maryland	1,615	1,507	7.2%	669	757	-12.0%	0	0	--
North Carolina	W	5,433	W	1,219	1,077	13.0%	0	0	--
South Carolina	3,874	5,279	-27.0%	666	596	12.0%	0	0	--
Virginia	W	W	W	2,200	2,335	-5.8%	0	0	--
West Virginia	4,619	5,366	-14.0%	162	168	-3.5%	W	W	W
East South Central	15,383	16,376	-6.1%	1,896	1,988	-4.6%	W	W	W
Alabama	3,535	3,954	-11.0%	302	305	-0.8%	0	0	--
Kentucky	7,874	7,681	2.5%	259	257	0.9%	W	W	W
Mississippi	674	1,527	-56.0%	579	567	2.1%	0	0	--
Tennessee	3,300	3,214	2.7%	756	860	-12.0%	0	0	--
West South Central	17,818	24,332	-27.0%	2,010	2,319	-13.0%	W	W	W
Arkansas	2,418	2,914	-17.0%	W	W	W	0	0	--
Louisiana	3,261	3,786	-14.0%	477	644	-26.0%	W	W	W
Oklahoma	2,156	3,228	-33.0%	W	W	W	0	0	--
Texas	9,982	14,403	-31.0%	1,252	1,352	-7.4%	0	W	W
Mountain	15,329	17,039	-10.0%	570	639	-11.0%	W	W	W
Arizona	2,478	2,902	-15.0%	154	207	-26.0%	0	0	--
Colorado	2,945	3,727	-21.0%	109	120	-8.7%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	W	W	W	W	W
Nevada	873	815	7.1%	178	179	-0.7%	0	0	--
New Mexico	W	W	W	45	42	6.2%	0	0	--
Utah	3,642	4,497	-19.0%	39	44	-12.0%	0	0	--
Wyoming	3,491	3,143	11.0%	31	31	2.4%	0	0	--
Pacific Contiguous	W	W	W	280	378	-26.0%	0	W	W
California	0	W	W	113	185	-39.0%	0	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	2,127	2,266	-6.1%	0	0	--
Alaska	0	W	W	28	65	-57.0%	0	0	--
Hawaii	W	W	W	2,099	2,201	-4.6%	0	0	--
U.S. Total	136,188	153,352	-11.0%	29,319	30,487	-3.8%	510	291	75.0%

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, October 2014 and 2013

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**October 2014**	**October 2013**	**Percentage Change**	**October 2014**	**October 2013**	**October 2014**	**October 2013**
Coal (Thousand Tons)							
New England	W	1,283	W	W	W	W	W
Middle Atlantic	8,266	6,162	34.1%	0	0	8,266	6,162
East North Central	30,137	29,814	1.1%	21,781	23,538	8,356	6,276
West North Central	19,230	24,314	-20.9%	19,230	24,314	0	0
South Atlantic	27,103	32,692	-17.1%	23,400	29,679	3,703	3,013
East South Central	15,383	16,376	-6.1%	W	16,376	W	0
West South Central	17,818	24,332	-26.8%	9,837	14,005	7,980	10,327
Mountain	15,329	17,039	-10.0%	14,078	15,893	1,251	1,146
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	0	W	W	W
U.S. Total	**136,188**	**153,352**	**-11.2%**	**104,905**	**125,321**	**31,283**	**28,031**
Petroleum Liquids (Thousand Barrels)							
New England	3,951	3,495	13.1%	823	593	3,129	2,901
Middle Atlantic	4,341	4,656	-6.8%	1,449	2,043	2,892	2,613
East North Central	1,152	1,102	4.5%	935	883	217	219
West North Central	972	964	0.9%	947	938	26	26
South Atlantic	12,020	12,680	-5.2%	10,091	10,444	1,929	2,235
East South Central	1,896	1,988	-4.6%	W	W	W	W
West South Central	2,010	2,319	-13.3%	1,461	1,730	549	589
Mountain	570	639	-10.7%	W	W	W	W
Pacific Contiguous	280	378	-26.0%	W	W	W	W
Pacific Noncontiguous	2,127	2,266	-6.1%	W	W	W	W
U.S. Total	**29,319**	**30,487**	**-3.8%**	**20,391**	**21,734**	**8,927**	**8,752**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	115	77	50.7%	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	0	W	W	0	0	0	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	**510**	**291**	**75.2%**	**W**	**214**	**W**	**77**

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 - October 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
May	62,883	67,035	6,300	136,218
June	61,859	64,621	6,405	132,885
July	59,491	59,694	6,204	125,389
August	59,427	55,185	6,429	121,042
Sept	62,248	55,877	6,052	124,176
October	68,239	61,876	6,074	136,188

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 - October 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
May	1,357,455	69,014	2.39	47.10	1.38	105.3	8,608	1,429	21.15	127.40	0.46	80.8
June	1,342,562	68,561	2.38	46.61	1.36	90.3	9,308	1,541	21.41	129.32	0.45	89.8
July	1,404,469	72,363	2.37	46.03	1.28	87.1	8,413	1,392	21.29	128.63	0.50	73.3
August	1,460,354	74,999	2.37	46.10	1.33	90.8	9,143	1,503	20.63	125.49	0.51	75.2
Sept	1,377,100	70,584	2.37	46.24	1.34	99.9	10,201	1,683	19.69	119.51	0.51	95.3
October	1,390,364	71,389	2.30	44.86	1.30	113.8	12,820	2,128	18.49	111.48	0.48	126.8
Year to Date												
2012	13,507,308	698,297	2.39	46.19	1.24	100.0	97,541	16,199	21.94	132.14	0.51	75.2
2013	12,991,168	669,998	2.35	45.55	1.30	91.4	99,797	16,431	20.58	125.03	0.46	77.2
2014	13,490,267	691,094	2.36	46.02	1.33	93.6	135,411	22,438	21.21	128.10	0.46	72.9
Rolling 12 Months Ending in October												
2013	15,749,438	812,885	2.35	45.56	1.29	92.4	119,193	19,696	20.71	125.37	0.47	77.4
2014	16,069,854	824,301	2.35	45.90	1.32	93.2	159,181	26,355	21.12	127.64	0.45	74.9

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.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
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.
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 - October 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
May	12,593	446	2.18	61.41	5.55	109.8	687,196	668,314	4.93	5.07	90.1	3.26
June	11,435	400	2.05	58.67	5.77	93.4	763,160	741,720	4.82	4.96	91.0	3.27
July	11,392	399	1.88	53.73	5.69	85.4	883,753	857,923	4.43	4.57	91.2	3.17
August	12,517	439	1.95	55.68	5.51	92.8	941,830	913,593	4.12	4.24	91.6	3.07
Sept	11,559	406	1.90	54.12	5.43	88.1	804,161	779,740	4.19	4.32	90.0	3.07
October	10,797	381	1.77	50.25	5.31	122.7	741,469	718,905	4.09	4.22	90.2	2.97
Year to Date												
2012	95,675	3,338	2.28	65.56	5.53	80.2	8,462,825	8,276,340	3.30	3.37	92.1	2.80
2013	108,026	3,790	2.19	62.69	5.40	74.2	7,326,302	7,146,692	4.28	4.39	90.2	3.09
2014	115,943	4,083	1.97	55.90	5.55	93.4	7,315,799	7,110,575	5.09	5.24	90.1	3.36
Rolling 12 Months Ending in October												
2013	132,019	4,632	W	W	5.44	77.6	8,610,168	8,401,741	4.27	4.38	90.2	W
2014	137,654	4,848	W	W	5.56	91.4	8,667,041	8,427,186	5.01	5.15	89.9	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 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - October 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
May	996,083	50,111	2.42	48.20	1.32	104.6	5,368	894	21.83	131.06	0.34	71.8
June	992,040	49,981	2.41	47.75	1.29	88.2	6,342	1,050	21.67	130.93	0.34	89.9
July	1,048,298	53,172	2.40	47.43	1.22	86.7	5,999	988	21.28	129.22	0.47	75.8
August	1,090,914	55,193	2.41	47.56	1.27	90.1	6,888	1,124	20.62	126.42	0.50	83.4
Sept	1,034,021	52,303	2.41	47.58	1.27	101.6	6,927	1,138	19.90	121.14	0.48	86.0
October	1,040,271	52,787	2.33	45.87	1.26	115.2	6,948	1,150	19.34	117.04	0.48	97.5
Year to Date												
2012	9,942,618	507,149	2.43	47.67	1.19	99.5	72,977	12,071	22.15	133.93	0.41	81.0
2013	9,580,525	489,354	2.38	46.63	1.23	91.8	64,592	10,586	20.99	128.04	0.43	76.9
2014	9,931,276	502,785	2.38	47.04	1.27	93.4	78,588	12,977	21.35	129.33	0.42	76.0
Rolling 12 Months Ending in October												
2013	11,577,451	591,650	2.38	46.65	1.22	92.6	77,644	12,768	21.13	128.51	0.42	77.9
2014	11,830,398	599,900	2.38	46.93	1.26	93.1	92,302	15,240	21.40	129.66	0.42	77.2

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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 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - October 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
May	10,813	383	2.13	60.11	5.57	127.3	315,079	306,960	5.26	5.40	96.9	3.17
June	9,321	325	1.97	56.35	5.85	99.7	332,944	324,317	5.16	5.30	97.4	3.17
July	9,697	339	1.79	51.25	5.70	119.2	374,201	363,576	4.83	4.97	96.5	3.11
August	10,451	365	1.85	52.89	5.51	127.9	406,371	394,709	4.46	4.59	96.7	3.03
Sept	9,844	345	1.81	51.54	5.40	128.7	333,588	323,732	4.64	4.78	95.4	3.02
October	9,240	326	1.65	46.75	5.25	183.7	304,853	295,850	4.57	4.71	96.3	2.90
Year to Date												
2012	58,587	2,024	2.37	68.49	5.44	115.0	3,543,113	3,472,762	3.62	3.70	97.6	2.84
2013	81,818	2,858	2.15	61.59	5.28	97.9	3,173,397	3,104,178	4.46	4.56	97.0	2.98
2014	99,420	3,495	1.90	54.03	5.55	124.3	3,138,824	3,056,168	5.25	5.40	97.1	3.16
Rolling 12 Months Ending in October												
2013	96,013	3,355	2.13	61.04	5.32	102.8	3,713,863	3,634,873	4.46	4.56	97.1	2.97
2014	116,690	4,100	1.89	53.85	5.56	124.2	3,702,374	3,606,617	5.17	5.31	97.0	3.14

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Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - October 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
May	345,115	18,178	2.28	43.32	1.55	113.7	3,114	515	20.13	121.81	0.52	151.6
June	334,501	17,873	2.28	42.62	1.53	101.1	2,781	462	21.06	126.86	0.51	133.8
July	338,433	18,407	2.23	40.92	1.45	91.8	2,293	385	21.58	128.67	0.50	94.9
August	351,265	19,006	2.20	40.73	1.49	96.5	2,146	361	W	W	0.49	79.3
Sept	326,150	17,536	2.21	41.14	1.55	99.8	3,143	523	19.25	116.15	0.50	188.7
October	332,719	17,836	2.18	40.69	1.41	116.4	5,736	956	17.56	105.37	0.44	275.1
Year to Date												
2012	3,323,066	179,963	2.21	40.81	1.40	105.2	18,539	3,145	22.72	134.03	0.43	78.2
2013	3,245,174	173,338	2.21	41.42	1.49	94.8	33,373	5,548	19.90	119.82	0.44	105.8
2014	3,387,745	180,732	2.25	42.23	1.50	98.8	55,209	9,200	21.09	126.73	0.46	84.4
Rolling 12 Months Ending in October												
2013	3,958,544	211,715	2.21	41.42	1.48	96.3	38,756	6,476	W	W	0.45	102.4
2014	4,033,270	215,281	2.24	42.05	1.50	98.2	65,074	10,822	W	W	0.46	88.6

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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 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - October 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
May	1,419	50	W	W	5.35	88.8	314,442	305,472	4.55	4.69	92.5	W
June	1,349	47	W	W	5.24	103.8	371,601	360,629	4.46	4.60	93.5	W
July	1,124	39	W	W	5.55	67.8	446,952	433,735	4.03	4.15	93.7	W
August	1,401	49	W	W	5.39	83.2	472,333	457,856	3.77	3.89	94.1	W
Sept	946	33	W	W	5.29	47.4	412,847	400,213	3.77	3.89	93.2	W
October	821	29	W	W	5.26	89.5	380,154	368,467	3.64	3.75	93.4	W
Year to Date												
2012	18,465	643	0.87	25.26	5.50	86.8	4,213,059	4,114,613	3.04	3.12	94.1	2.68
2013	13,122	467	W	W	5.39	61.6	3,533,738	3,441,370	4.19	4.30	93.2	W
2014	11,194	398	W	W	5.37	68.8	3,581,454	3,477,581	5.02	5.17	92.8	W
Rolling 12 Months Ending in October												
2013	17,680	625	W	W	5.41	70.5	4,131,232	4,023,393	4.17	4.28	92.9	W
2014	14,223	506	W	W	5.38	69.5	4,238,430	4,116,996	4.94	5.09	92.8	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 - October 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
May	475	21	W	W	2.54	22.1	0	0	--	--	--	0.0
June	116	5	W	W	2.88	5.5	0	0	--	--	--	0.0
July	261	11	W	W	2.52	11.2	0	0	--	--	--	0.0
August	159	7	W	W	2.96	7.3	0	0	--	--	--	0.0
Sept	306	13	W	W	2.56	14.6	0	0	--	--	--	0.0
October	313	14	W	W	2.72	15.4	0	0	--	--	--	0.0
Year to Date												
2012	3,536	153	3.54	81.82	2.64	12.9	210	37	W	W	0.00	11.2
2013	3,050	131	W	W	2.99	11.3	0	0	--	--	--	0.0
2014	3,253	141	W	W	2.65	12.7	0	0	--	--	--	0.0
Rolling 12 Months Ending in October												
2013	3,941	170	W	W	3.03	12.0	36	6	W	W	0.00	1.5
2014	3,710	161	W	W	2.76	11.8	0	0	--	--	--	0.0

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Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commerical Sector, 2004 - October 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
May	0	0	--	--	--	0.0	490	486	W	W	5.8	W
June	0	0	--	--	--	0.0	438	435	W	W	5.1	W
July	0	0	--	--	--	0.0	475	471	W	W	5.2	W
August	0	0	--	--	--	0.0	624	619	W	W	6.5	W
Sept	0	0	--	--	--	0.0	553	548	W	W	6.3	W
October	0	0	--	--	--	0.0	578	573	W	W	6.7	W
Year to Date												
2012	0	0	--	--	--	0.0	15,024	14,777	5.79	5.89	15.7	W
2013	0	0	--	--	--	0.0	4,369	4,334	W	W	5.0	W
2014	0	0	--	--	--	0.0	4,651	4,608	W	W	5.2	W
Rolling 12 Months Ending in October												
2013	0	0	--	--	--	0.0	7,660	7,564	W	W	7.3	W
2014	0	0	--	--	--	0.0	5,779	5,725	W	W	5.3	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 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2004 - October 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
May	15,782	704	W	W	1.47	45.3	126	20	17.42	107.63	1.81	13.1
June	15,905	703	W	W	1.61	46.0	185	30	18.05	111.09	1.86	17.2
July	17,478	773	W	W	1.49	48.5	121	20	15.79	98.08	1.72	11.9
August	18,015	794	W	W	1.58	49.7	110	18	W	W	1.64	10.6
Sept	16,624	732	W	W	1.47	47.7	132	22	17.63	107.87	1.95	15.2
October	17,061	752	W	W	1.59	50.4	135	22	16.12	98.52	1.65	17.1
Year to Date												
2012	238,088	11,032	3.02	65.11	1.34	66.2	5,815	947	W	W	1.50	41.3
2013	162,418	7,175	W	W	1.49	44.4	1,832	297	18.29	112.85	1.68	15.6
2014	167,992	7,435	W	W	1.53	46.4	1,614	262	18.41	113.50	1.52	12.4
Rolling 12 Months Ending in October												
2013	209,503	9,349	W	W	1.45	47.8	2,756	445	W	W	1.65	19.4
2014	202,476	8,960	W	W	1.55	46.0	1,805	293	W	W	1.50	11.9

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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 - October 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
May	361	13	W	W	5.57	27.3	57,185	55,396	W	W	64.1	W
June	766	27	W	W	5.67	48.4	58,176	56,340	W	W	64.2	W
July	571	20	W	W	5.85	16.0	62,125	60,142	W	W	65.3	W
August	666	24	W	W	5.86	19.1	62,501	60,408	W	W	64.5	W
Sept	769	27	W	W	6.00	22.8	57,174	55,248	W	W	62.0	W
October	736	26	W	W	6.00	26.2	55,885	54,016	W	W	62.1	W
Year to Date												
2012	18,622	671	2.65	73.50	5.82	40.7	691,629	674,188	2.82	2.89	70.4	W
2013	13,087	465	W	W	6.13	32.8	614,797	596,810	W	W	63.1	W
2014	5,329	190	W	W	5.88	19.6	590,870	572,218	W	W	62.9	W
Rolling 12 Months Ending in October												
2013	18,326	652	W	W	6.10	36.2	757,413	735,910	W	W	64.7	W
2014	6,742	242	W	W	5.84	19.2	720,458	697,849	W	W	62.8	W

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	40	149	-73.0%	18	8	21	139	0	0	1	1
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	3	3	-2.5%	0	0	2	2	0	0	1	1
Massachusetts	19	137	-86.0%	0	0	19	137	0	0	0	0
New Hampshire	18	8	122.0%	18	8	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	2,510	2,592	-3.2%	0	0	2,468	2,544	0	0	42	48
New Jersey	68	108	-37.0%	0	0	68	108	0	0	0	0
New York	206	123	68.0%	0	0	173	82	0	0	33	41
Pennsylvania	2,236	2,361	-5.3%	0	0	2,227	2,354	0	0	9	8
East North Central	16,957	15,680	8.1%	11,253	10,176	5,425	5,286	7	0	272	218
Illinois	5,281	4,977	6.1%	416	526	4,676	4,311	0	0	189	140
Indiana	3,462	2,976	16.0%	3,180	2,729	282	246	0	0	0	0
Michigan	3,056	2,636	16.0%	2,996	2,617	42	12	7	0	10	7
Ohio	2,920	3,123	-6.5%	2,476	2,388	424	717	0	0	20	17
Wisconsin	2,237	1,968	14.0%	2,185	1,915	0	0	0	0	53	53
West North Central	11,596	9,628	20.0%	11,494	9,511	0	0	7	3	96	114
Iowa	1,713	1,320	30.0%	1,617	1,205	0	0	0	0	96	114
Kansas	1,578	1,262	25.0%	1,578	1,262	0	0	0	0	0	0
Minnesota	1,362	1,025	33.0%	1,362	1,025	0	0	0	0	0	0
Missouri	3,487	3,036	15.0%	3,480	3,033	0	0	7	3	0	0
Nebraska	1,345	1,106	22.0%	1,345	1,106	0	0	0	0	0	0
North Dakota	1,945	1,766	10.0%	1,945	1,766	0	0	0	0	0	0
South Dakota	167	113	48.0%	167	113	0	0	0	0	0	0
South Atlantic	10,583	9,701	9.1%	8,447	7,445	1,985	2,108	0	0	150	148
Delaware	0	46	-100.0%	0	0	0	46	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,858	1,629	14.0%	1,802	1,577	56	52	0	0	0	0
Georgia	1,733	1,783	-2.8%	1,692	1,750	0	0	0	0	42	32
Maryland	639	709	-9.9%	0	0	614	683	0	0	26	27
North Carolina	1,476	1,148	29.0%	1,476	1,148	0	0	0	0	0	0
South Carolina	1,073	737	46.0%	1,065	717	0	0	0	0	8	20
Virginia	644	739	-13.0%	573	645	45	54	0	0	26	39
West Virginia	3,158	2,910	8.5%	1,839	1,607	1,271	1,273	0	0	49	30
East South Central	7,144	7,327	-2.5%	7,032	6,923	0	266	0	0	113	138
Alabama	1,662	2,181	-24.0%	1,662	2,181	0	0	0	0	0	0
Kentucky	3,600	3,474	3.6%	3,600	3,474	0	0	0	0	0	0
Mississippi	344	428	-20.0%	344	162	0	266	0	0	0	0
Tennessee	1,538	1,244	24.0%	1,425	1,106	0	0	0	0	113	138
West South Central	13,026	11,188	16.0%	6,509	5,711	6,507	5,478	0	0	10	0
Arkansas	1,727	1,671	3.4%	1,506	1,457	212	214	0	0	10	0
Louisiana	1,225	1,015	21.0%	614	394	610	621	0	0	0	0
Oklahoma	1,532	994	54.0%	1,418	894	114	99	0	0	0	0
Texas	8,542	7,509	14.0%	2,972	2,965	5,571	4,544	0	0	0	0
Mountain	8,813	8,981	-1.9%	7,841	8,299	958	669	0	0	14	13
Arizona	1,751	1,949	-10.0%	1,751	1,949	0	0	0	0	0	0
Colorado	1,513	1,511	0.1%	1,513	1,511	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	898	592	52.0%	0	0	898	592	0	0	0	0
Nevada	294	246	20.0%	234	169	60	77	0	0	0	0
New Mexico	905	1,177	-23.0%	905	1,177	0	0	0	0	0	0
Utah	1,388	1,374	1.0%	1,374	1,360	0	0	0	0	14	13
Wyoming	2,064	2,131	-3.2%	2,064	2,131	0	0	0	0	0	0
Pacific Contiguous	657	700	-6.1%	193	148	410	496	0	0	54	55
California	54	55	-1.6%	0	0	0	0	0	0	54	55
Oregon	193	148	30.0%	193	148	0	0	0	0	0	0
Washington	410	496	-17.0%	0	0	410	496	0	0	0	0
Pacific Noncontiguous	62	59	4.4%	0	0	62	59	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	62	59	4.4%	0	0	62	59	0	0	0	0
U.S. Total	71,389	66,005	8.2%	52,787	48,221	17,836	17,045	14	3	752	736

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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) October 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	2,228	2,347	-5.1%	454	620	1,750	1,706	0	0	25	22
Connecticut	470	237	98.0%	0	0	470	237	0	0	0	0
Maine	71	50	42.0%	0	0	46	28	0	0	25	22
Massachusetts	1,064	1,440	-26.0%	0	0	1,064	1,440	0	0	0	0
New Hampshire	454	620	-27.0%	454	620	0	0	0	0	0	0
Rhode Island	169	0	--	0	0	169	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	31,274	30,628	2.1%	0	0	30,884	30,267	0	0	390	361
New Jersey	877	933	-6.0%	0	0	877	933	0	0	0	0
New York	2,646	2,177	22.0%	0	0	2,381	1,886	0	0	266	292
Pennsylvania	27,751	27,518	0.8%	0	0	27,627	27,449	0	0	124	69
East North Central	159,977	153,418	4.3%	104,252	101,109	53,222	49,942	69	58	2,433	2,310
Illinois	50,850	49,005	3.8%	4,313	5,323	44,909	42,140	0	0	1,628	1,542
Indiana	33,882	30,023	13.0%	31,530	27,966	2,352	2,057	0	0	0	0
Michigan	23,893	23,766	0.5%	23,525	23,480	219	138	69	58	79	90
Ohio	33,038	31,709	4.2%	27,066	25,902	5,743	5,607	0	0	229	200
Wisconsin	18,315	18,915	-3.2%	17,818	18,437	0	0	0	0	497	478
West North Central	108,944	107,164	1.7%	107,816	106,020	0	0	71	74	1,057	1,070
Iowa	14,647	15,890	-7.8%	13,591	14,821	0	0	0	0	1,057	1,070
Kansas	15,304	15,261	0.3%	15,304	15,261	0	0	0	0	0	0
Minnesota	12,610	9,904	27.0%	12,610	9,904	0	0	0	0	0	0
Missouri	33,865	34,308	-1.3%	33,793	34,234	0	0	71	74	0	0
Nebraska	12,517	12,294	1.8%	12,517	12,294	0	0	0	0	0	0
North Dakota	18,484	18,055	2.4%	18,484	18,055	0	0	0	0	0	0
South Dakota	1,516	1,452	4.4%	1,516	1,452	0	0	0	0	0	0
South Atlantic	101,064	90,947	11.0%	79,889	72,622	19,711	16,998	0	0	1,463	1,326
Delaware	453	488	-7.2%	0	0	453	488	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	17,654	16,127	9.5%	16,939	15,474	715	654	0	0	0	0
Georgia	17,248	15,956	8.1%	16,870	15,656	0	0	0	0	378	300
Maryland	7,087	5,744	23.0%	0	0	6,787	5,468	0	0	299	276
North Carolina	13,836	12,574	10.0%	13,836	12,574	0	0	0	0	0	0
South Carolina	8,930	7,519	19.0%	8,770	7,400	0	0	0	0	160	119
Virginia	8,420	7,646	10.0%	7,471	6,771	677	491	0	0	272	384
West Virginia	27,436	24,891	10.0%	16,002	14,746	11,079	9,897	0	0	354	248
East South Central	73,004	71,174	2.6%	69,231	66,715	2,507	3,137	0	0	1,266	1,322
Alabama	19,360	18,416	5.1%	19,360	18,416	0	0	0	0	0	0
Kentucky	31,244	32,143	-2.8%	31,244	32,143	0	0	0	0	0	0
Mississippi	5,335	4,970	7.4%	2,828	1,833	2,507	3,137	0	0	0	0
Tennessee	17,065	15,645	9.1%	15,799	14,323	0	0	0	0	1,266	1,322
West South Central	122,300	122,609	-0.3%	62,030	62,406	60,222	60,202	0	0	48	0
Arkansas	15,340	14,337	7.0%	13,643	12,678	1,650	1,658	0	0	48	0
Louisiana	9,935	12,030	-17.0%	4,556	6,335	5,379	5,695	0	0	0	0
Oklahoma	14,982	13,831	8.3%	14,044	12,917	938	913	0	0	0	0
Texas	82,042	82,411	-0.4%	29,788	30,475	52,254	51,936	0	0	0	0
Mountain	85,287	86,279	-1.1%	77,217	78,590	7,797	7,462	0	0	273	227
Arizona	18,800	17,971	4.6%	18,800	17,971	0	0	0	0	0	0
Colorado	14,119	14,984	-5.8%	14,119	14,984	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	7,146	6,827	4.7%	0	0	7,146	6,827	0	0	0	0
Nevada	3,263	1,987	64.0%	2,612	1,352	651	635	0	0	0	0
New Mexico	9,828	11,945	-18.0%	9,828	11,945	0	0	0	0	0	0
Utah	11,333	11,872	-4.5%	11,059	11,645	0	0	0	0	273	227
Wyoming	20,799	20,693	0.5%	20,799	20,693	0	0	0	0	0	0
Pacific Contiguous	6,407	4,827	33.0%	1,896	1,273	4,032	3,017	0	0	480	538
California	663	685	-3.3%	0	0	183	148	0	0	480	538
Oregon	1,896	1,273	49.0%	1,896	1,273	0	0	0	0	0	0
Washington	3,849	2,870	34.0%	0	0	3,849	2,870	0	0	0	0
Pacific Noncontiguous	608	606	0.3%	0	0	608	606	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	608	606	0.3%	0	0	608	606	0	0	0	0
U.S. Total	691,094	669,998	3.1%	502,785	489,354	180,732	173,338	141	131	7,435	7,175

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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, October 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	606	449	35.0%	74	107	530	336	0	0	1	6
Connecticut	50	61	-19.0%	0	0	50	61	0	0	0	0
Maine	78	115	-33.0%	0	0	76	109	0	0	1	6
Massachusetts	299	250	20.0%	74	107	225	142	0	0	0	0
New Hampshire	50	23	113.0%	0	0	50	23	0	0	0	0
Rhode Island	130	0	--	0	0	130	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	148	112	32.0%	0	13	147	99	0	0	1	1
New Jersey	23	1	NM	0	0	23	1	0	0	0	0
New York	79	87	-8.7%	0	13	78	73	0	0	1	1
Pennsylvania	45	24	86.0%	0	0	45	24	0	0	0	0
East North Central	77	78	-1.4%	58	59	16	14	0	0	3	4
Illinois	10	12	-14.0%	2	3	7	8	0	0	0	0
Indiana	34	22	56.0%	34	22	0	0	0	0	0	0
Michigan	12	21	-46.0%	12	19	0	0	0	0	0	3
Ohio	15	18	-14.0%	6	10	8	6	0	0	2	2
Wisconsin	6	5	8.7%	4	5	1	0	0	0	1	0
West North Central	46	33	38.0%	45	33	1	0	0	0	0	0
Iowa	7	10	-29.0%	7	10	0	0	0	0	0	0
Kansas	3	4	-23.0%	3	4	0	0	0	0	0	0
Minnesota	5	5	-10.0%	4	5	1	0	0	0	0	0
Missouri	26	4	556.0%	26	4	0	0	0	0	0	0
Nebraska	1	3	-62.0%	1	3	0	0	0	0	0	0
North Dakota	4	7	-42.0%	4	7	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	254	110	131.0%	182	102	57	5	0	0	15	3
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	38	29	29.0%	38	29	0	0	0	0	0	0
Georgia	12	7	68.0%	11	6	0	0	0	0	1	1
Maryland	20	4	442.0%	0	0	20	4	0	0	0	0
North Carolina	69	11	544.0%	69	11	0	0	0	0	0	0
South Carolina	16	8	91.0%	7	7	0	0	0	0	9	1
Virginia	80	9	787.0%	38	6	37	1	0	0	5	1
West Virginia	20	42	-52.0%	20	42	0	0	0	0	0	0
East South Central	28	18	58.0%	27	17	0	1	0	0	1	0
Alabama	3	5	-35.0%	3	4	0	1	0	0	0	0
Kentucky	20	9	117.0%	20	9	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	5	4	31.0%	3	4	0	0	0	0	1	0
West South Central	82	30	169.0%	63	14	19	16	0	0	0	0
Arkansas	2	7	-72.0%	0	5	2	2	0	0	0	0
Louisiana	49	3	NM	46	0	3	3	0	0	0	0
Oklahoma	1	1	-21.0%	1	1	0	0	0	0	0	0
Texas	31	20	55.0%	17	8	14	12	0	0	0	0
Mountain	28	27	3.8%	26	26	2	2	0	0	0	0
Arizona	8	8	1.6%	8	8	0	0	0	0	0	0
Colorado	0	1	-33.0%	0	1	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	1	1	-18.0%	0	0	1	1	0	0	0	0
Nevada	4	4	9.5%	3	3	1	0	0	0	0	0
New Mexico	7	6	11.0%	7	6	0	0	0	0	0	0
Utah	1	2	-46.0%	1	2	0	0	0	0	0	0
Wyoming	7	5	23.0%	7	5	0	0	0	0	0	0
Pacific Contiguous	7	1	734.0%	7	0	0	1	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	7	0	--	7	0	0	0	0	0	0	0
Washington	0	1	-100.0%	0	0	0	1	0	0	0	0
Pacific Noncontiguous	852	807	5.7%	667	636	185	171	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	852	807	5.7%	667	636	185	171	0	0	0	0
U.S. Total	2,128	1,665	28.0%	1,150	1,008	956	644	0	0	22	14

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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) October 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	3,105	2,138	45.0%	579	341	2,486	1,775	0	0	40	22
Connecticut	643	208	209.0%	0	0	643	208	0	0	0	0
Maine	320	708	-55.0%	0	0	280	686	0	0	40	22
Massachusetts	1,355	965	40.0%	237	127	1,118	837	0	0	0	0
New Hampshire	572	238	141.0%	343	214	229	23	0	0	0	0
Rhode Island	217	20	988.0%	0	0	217	20	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	4,198	1,867	125.0%	900	439	3,285	1,408	0	0	13	19
New Jersey	266	49	444.0%	0	0	266	49	0	0	0	0
New York	2,901	1,431	103.0%	900	439	1,989	974	0	0	12	18
Pennsylvania	1,030	387	166.0%	0	0	1,029	386	0	0	1	1
East North Central	1,195	907	32.0%	786	697	371	186	0	0	37	24
Illinois	148	109	36.0%	38	34	111	75	0	0	0	0
Indiana	238	197	21.0%	238	197	0	0	0	0	0	0
Michigan	187	191	-1.9%	176	179	0	0	0	0	11	12
Ohio	537	348	54.0%	256	229	257	109	0	0	24	10
Wisconsin	84	61	38.0%	78	58	3	2	0	0	3	2
West North Central	456	370	23.0%	452	370	3	0	0	0	0	0
Iowa	76	91	-16.0%	76	91	0	0	0	0	0	0
Kansas	72	70	2.1%	72	70	0	0	0	0	0	0
Minnesota	73	33	122.0%	70	33	3	0	0	0	0	0
Missouri	155	82	88.0%	155	82	0	0	0	0	0	0
Nebraska	33	27	24.0%	33	27	0	0	0	0	0	0
North Dakota	41	59	-31.0%	41	59	0	0	0	0	0	0
South Dakota	6	7	-20.0%	6	7	0	0	0	0	0	0
South Atlantic	4,761	2,227	114.0%	3,377	1,678	1,214	317	0	0	170	232
Delaware	23	20	11.0%	0	0	23	20	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	354	757	-53.0%	346	751	9	6	0	0	0	0
Georgia	313	205	53.0%	198	120	47	4	0	0	68	81
Maryland	799	152	426.0%	0	0	799	152	0	0	0	0
North Carolina	682	239	185.0%	671	190	11	49	0	0	0	0
South Carolina	531	215	148.0%	460	93	0	0	0	0	72	122
Virginia	1,833	401	357.0%	1,507	285	296	86	0	0	30	29
West Virginia	224	239	-6.1%	196	239	29	0	0	0	0	0
East South Central	455	517	-12.0%	431	516	23	1	0	0	1	0
Alabama	115	120	-4.0%	92	119	23	1	0	0	0	0
Kentucky	186	139	34.0%	186	139	0	0	0	0	0	0
Mississippi	18	13	38.0%	18	13	0	0	0	0	0	0
Tennessee	135	244	-45.0%	134	244	0	0	0	0	1	0
West South Central	355	229	55.0%	195	81	160	148	0	0	0	0
Arkansas	27	41	-34.0%	12	16	15	25	0	0	0	0
Louisiana	151	48	218.0%	108	11	43	37	0	0	0	0
Oklahoma	16	13	22.0%	16	13	0	0	0	0	0	0
Texas	160	127	26.0%	59	41	101	86	0	0	0	0
Mountain	292	295	-0.9%	269	278	23	17	0	0	0	0
Arizona	75	78	-3.6%	75	78	0	0	0	0	0	0
Colorado	4	3	31.0%	4	3	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	19	12	60.0%	0	0	19	12	0	0	0	0
Nevada	24	27	-12.0%	20	22	4	5	0	0	0	0
New Mexico	91	74	23.0%	91	74	0	0	0	0	0	0
Utah	22	41	-46.0%	22	41	0	0	0	0	0	0
Wyoming	56	59	-5.0%	56	59	0	0	0	0	0	0
Pacific Contiguous	27	33	-19.0%	15	21	12	12	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	15	6	146.0%	15	6	0	0	0	0	0	0
Washington	12	27	-56.0%	0	15	12	12	0	0	0	0
Pacific Noncontiguous	7,596	7,849	-3.2%	5,972	6,164	1,624	1,685	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	7,596	7,849	-3.2%	5,972	6,164	1,624	1,685	0	0	0	0
U.S. Total	22,438	16,431	37.0%	12,977	10,586	9,200	5,548	0	0	262	297

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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 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, October 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 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	78	96	-19.0%	43	28	29	53	0	0	6	14
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	3	0	--	3	0	0	0	0	0	0	0
Michigan	44	24	81.0%	40	22	4	2	0	0	0	0
Ohio	25	51	-51.0%	0	0	25	51	0	0	0	0
Wisconsin	6	20	-72.0%	0	6	0	0	0	0	6	14
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	45	118	-62.0%	24	96	0	0	0	0	20	22
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	24	96	-74.0%	24	96	0	0	0	0	0	0
Georgia	20	22	-9.0%	0	0	0	0	0	0	20	22
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	64	40	61.0%	64	40	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	64	40	61.0%	64	40	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	195	169	15.0%	195	169	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	195	169	15.0%	195	169	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	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	381	422	-9.7%	326	333	29	53	0	0	26	36

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 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	1,220	654	87.0%	726	68	398	467	0	0	95	119
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	361	0	--	361	0	0	0	0	0	0	0
Michigan	341	71	380.0%	322	48	19	23	0	0	0	0
Ohio	379	444	-14.0%	0	0	379	444	0	0	0	0
Wisconsin	138	139	-0.8%	43	20	0	0	0	0	95	119
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	890	1,069	-17.0%	796	966	0	0	0	0	95	103
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	796	966	-18.0%	796	966	0	0	0	0	0	0
Georgia	95	103	-8.1%	0	0	0	0	0	0	95	103
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	413	437	-5.4%	413	437	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	413	437	-5.4%	413	437	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	1,560	1,630	-4.3%	1,560	1,387	0	0	0	0	0	243
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,560	1,387	12.0%	1,560	1,387	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	243	-100.0%	0	0	0	0	0	0	0	243
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	4,083	3,790	7.7%	3,495	2,858	398	467	0	0	190	465

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

Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, October 2014 and 2013
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	28,805	30,640	-6.0%	111	18	28,335	29,372	0	0	358	1,250
Connecticut	6,787	7,871	-14.0%	0	0	6,787	7,871	0	0	0	0
Maine	1,481	2,647	-44.0%	0	0	1,123	1,397	0	0	358	1,250
Massachusetts	12,900	13,635	-5.4%	111	18	12,789	13,617	0	0	0	0
New Hampshire	3,488	2,096	66.0%	0	0	3,488	2,096	0	0	0	0
Rhode Island	4,148	4,391	-5.5%	0	0	4,148	4,391	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	87,182	68,089	28.0%	5,992	6,203	81,011	61,763	0	0	179	123
New Jersey	18,863	14,798	27.0%	0	0	18,863	14,798	0	0	0	0
New York	31,283	25,853	21.0%	5,992	6,203	25,185	19,602	0	0	106	48
Pennsylvania	37,035	27,437	35.0%	0	0	36,963	27,363	0	0	73	75
East North Central	33,717	32,436	3.9%	11,380	12,383	21,507	19,397	477	486	353	171
Illinois	3,357	1,204	179.0%	112	25	3,238	1,173	0	0	6	6
Indiana	5,961	6,041	-1.3%	4,923	4,467	1,038	1,574	0	0	0	0
Michigan	7,854	7,433	5.7%	2,015	1,039	5,291	5,851	477	486	72	56
Ohio	9,422	13,316	-29.0%	1,615	5,249	7,753	8,055	0	0	54	12
Wisconsin	7,122	4,444	60.0%	2,714	1,604	4,186	2,743	0	0	221	97
West North Central	11,785	6,146	92.0%	9,191	5,132	2,494	870	96	143	4	1
Iowa	2,314	465	397.0%	2,311	465	0	0	0	0	3	1
Kansas	790	874	-9.5%	790	874	0	0	0	0	0	0
Minnesota	4,239	2,640	61.0%	3,211	1,770	1,027	870	0	0	2	0
Missouri	3,995	1,828	119.0%	2,432	1,685	1,467	0	96	143	0	0
Nebraska	293	110	167.0%	293	110	0	0	0	0	0	0
North Dakota	6	0	--	6	0	0	0	0	0	0	0
South Dakota	147	229	-36.0%	147	229	0	0	0	0	0	0
South Atlantic	152,217	155,670	-2.2%	120,432	128,295	29,680	25,343	0	0	2,104	2,032
Delaware	4,521	4,469	1.2%	0	0	3,708	3,487	0	0	813	981
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	87,675	90,504	-3.1%	83,651	86,477	4,025	4,027	0	0	0	0
Georgia	30,240	25,541	18.0%	18,968	19,654	10,709	5,131	0	0	564	756
Maryland	1,404	1,937	-28.0%	0	0	1,395	1,928	0	0	9	8
North Carolina	12,549	15,026	-16.0%	8,202	9,217	4,347	5,808	0	0	0	0
South Carolina	6,097	5,994	1.7%	5,206	4,877	861	1,058	0	0	30	58
Virginia	8,419	12,158	-31.0%	4,381	8,069	3,350	3,861	0	0	688	228
West Virginia	1,311	43	NM	24	0	1,287	43	0	0	0	0
East South Central	50,745	46,758	8.5%	28,378	26,051	21,833	20,690	0	0	534	16
Alabama	28,845	25,561	13.0%	9,314	7,750	19,530	17,812	0	0	0	0
Kentucky	466	781	-40.0%	453	767	13	15	0	0	0	0
Mississippi	18,350	17,647	4.0%	16,060	14,783	2,290	2,864	0	0	0	0
Tennessee	3,084	2,768	11.0%	2,550	2,752	0	0	0	0	534	16
West South Central	205,643	199,190	3.2%	50,520	51,196	108,026	95,724	0	0	47,097	52,270
Arkansas	4,781	5,923	-19.0%	897	1,337	3,587	4,586	0	0	297	0
Louisiana	37,809	37,420	1.0%	16,780	14,243	6,107	6,026	0	0	14,923	17,151
Oklahoma	14,917	14,210	5.0%	10,208	12,364	4,710	1,847	0	0	0	0
Texas	148,136	141,638	4.6%	22,635	23,253	93,623	83,266	0	0	31,878	35,119
Mountain	52,538	42,968	22.0%	33,469	25,259	19,069	17,669	0	0	1	39
Arizona	19,537	15,059	30.0%	9,196	4,814	10,341	10,245	0	0	0	0
Colorado	8,400	5,128	64.0%	4,735	3,087	3,666	2,041	0	0	0	0
Idaho	1,105	1,482	-25.0%	37	195	1,067	1,288	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	14,467	12,716	14.0%	12,187	10,576	2,280	2,140	0	0	0	0
New Mexico	4,435	4,463	-0.6%	2,738	3,049	1,697	1,415	0	0	0	0
Utah	4,586	4,115	11.0%	4,567	3,534	18	541	0	0	1	39
Wyoming	9	5	70.0%	9	5	0	0	0	0	0	0
Pacific Contiguous	94,263	80,199	18.0%	34,366	30,260	56,512	46,248	0	0	3,385	3,691
California	76,192	62,691	22.0%	22,303	19,253	50,505	39,747	0	0	3,385	3,691
Oregon	9,743	9,139	6.6%	3,979	3,194	5,764	5,946	0	0	0	0
Washington	8,328	8,368	-0.5%	8,085	7,812	243	555	0	0	0	0
Pacific Noncontiguous	2,011	2,223	-9.5%	2,011	2,223	0	0	0	0	0	0
Alaska	2,011	2,223	-9.5%	2,011	2,223	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	718,905	664,318	8.2%	295,850	287,021	368,467	317,076	573	629	54,016	59,591

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	281,507	316,469	-11.0%	1,827	1,427	274,569	303,311	0	0	5,111	11,731
Connecticut	79,126	88,569	-11.0%	0	0	79,126	88,569	0	0	0	0
Maine	25,106	28,547	-12.0%	0	0	19,995	16,816	0	0	5,111	11,731
Massachusetts	111,722	133,412	-16.0%	1,467	1,080	110,255	132,331	0	0	0	0
New Hampshire	26,279	24,835	5.8%	360	347	25,919	24,489	0	0	0	0
Rhode Island	39,274	41,106	-4.5%	0	0	39,274	41,106	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	836,874	796,370	5.1%	80,038	90,717	755,201	704,169	0	0	1,635	1,485
New Jersey	186,331	166,912	12.0%	0	0	186,331	166,912	0	0	0	0
New York	341,795	342,723	-0.3%	80,038	90,717	260,982	251,420	0	0	775	586
Pennsylvania	308,748	286,735	7.7%	0	0	307,888	285,836	0	0	860	899
East North Central	363,904	366,330	-0.7%	134,734	135,834	222,929	224,921	3,899	3,525	2,341	2,050
Illinois	28,669	36,882	-22.0%	2,821	4,708	25,809	32,123	0	0	39	50
Indiana	60,081	62,390	-3.7%	41,567	41,911	18,514	20,479	0	0	0	0
Michigan	84,588	86,350	-2.0%	22,129	20,669	57,462	61,326	3,899	3,525	1,097	830
Ohio	143,290	130,027	10.0%	46,886	44,279	96,226	85,673	0	0	179	76
Wisconsin	47,276	50,682	-6.7%	21,332	24,267	24,918	25,321	0	0	1,026	1,094
West North Central	80,072	102,609	-22.0%	67,078	87,124	12,261	14,664	709	809	23	12
Iowa	13,248	14,155	-6.4%	13,230	14,143	0	0	0	0	18	12
Kansas	11,317	14,143	-20.0%	11,317	14,143	0	0	0	0	0	0
Minnesota	23,213	39,038	-41.0%	17,986	31,032	5,222	8,006	0	0	5	0
Missouri	27,100	29,512	-8.2%	19,351	22,045	7,039	6,658	709	809	0	0
Nebraska	2,972	3,315	-10.0%	2,972	3,315	0	0	0	0	0	0
North Dakota	31	0	--	31	0	0	0	0	0	0	0
South Dakota	2,190	2,447	-10.0%	2,190	2,447	0	0	0	0	0	0
South Atlantic	1,579,399	1,579,510	0.0%	1,276,410	1,275,059	283,751	278,575	0	0	19,239	25,876
Delaware	43,893	48,856	-10.0%	0	0	35,412	34,639	0	0	8,481	14,218
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	883,586	863,389	2.3%	844,118	819,509	39,468	43,880	0	0	0	0
Georgia	247,042	250,237	-1.3%	171,034	183,938	69,631	58,428	0	0	6,377	7,872
Maryland	16,031	19,698	-19.0%	0	0	15,825	19,189	0	0	206	509
North Carolina	167,361	165,960	0.8%	114,822	108,681	52,539	57,109	0	0	0	171
South Carolina	73,389	79,364	-7.5%	65,333	70,045	7,792	9,014	0	0	264	305
Virginia	141,821	149,361	-5.0%	79,245	92,495	58,665	54,065	0	0	3,911	2,801
West Virginia	6,275	2,644	137.0%	1,857	391	4,418	2,253	0	0	0	0
East South Central	529,846	523,901	1.1%	305,823	309,140	221,365	214,644	0	0	2,658	116
Alabama	262,491	265,727	-1.2%	77,474	76,624	185,017	189,103	0	0	0	0
Kentucky	23,789	13,431	77.0%	22,264	11,293	1,525	2,137	0	0	0	0
Mississippi	202,450	212,921	-4.9%	167,628	189,517	34,822	23,404	0	0	0	0
Tennessee	41,116	31,822	29.0%	38,458	31,706	0	0	0	0	2,658	116
West South Central	2,184,963	2,221,532	-1.6%	576,534	610,881	1,105,396	1,092,162	0	0	503,032	518,489
Arkansas	63,043	79,510	-21.0%	9,811	20,637	51,495	58,873	0	0	1,737	0
Louisiana	408,516	391,343	4.4%	177,494	159,778	70,586	63,881	0	0	160,436	167,683
Oklahoma	178,848	210,482	-15.0%	120,954	160,612	57,894	49,870	0	0	0	0
Texas	1,534,556	1,540,197	-0.4%	268,275	269,853	925,422	919,537	0	0	340,859	350,806
Mountain	483,182	489,990	-1.4%	319,891	304,526	162,812	184,980	0	0	478	484
Arizona	169,013	175,216	-3.5%	80,011	74,679	89,002	100,537	0	0	0	0
Colorado	74,179	67,921	9.2%	42,865	37,577	31,314	30,344	0	0	0	0
Idaho	13,758	17,728	-22.0%	6,857	8,619	6,901	9,108	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	125,879	138,612	-9.2%	110,049	115,485	15,831	23,127	0	0	0	0
New Mexico	54,804	54,444	0.7%	36,074	36,582	18,730	17,862	0	0	0	0
Utah	45,460	36,003	26.0%	43,945	31,518	1,036	4,001	0	0	478	484
Wyoming	89	66	36.0%	89	66	0	0	0	0	0	0
Pacific Contiguous	754,340	729,564	3.4%	277,344	269,053	439,296	423,944	0	0	37,700	36,567
California	624,457	598,457	4.3%	195,426	192,359	391,331	369,531	0	0	37,700	36,567
Oregon	71,053	78,304	-9.3%	27,429	28,103	43,625	50,202	0	0	0	0
Washington	58,830	52,802	11.0%	54,489	48,591	4,341	4,211	0	0	0	0
Pacific Noncontiguous	16,489	20,418	-19.0%	16,489	20,418	0	0	0	0	0	0
Alaska	16,489	20,418	-19.0%	16,489	20,418	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	7,110,575	7,146,692	-0.5%	3,056,168	3,104,178	3,477,581	3,441,370	4,608	4,334	572,218	596,810

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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, October 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013
New England	W	W	W	4.46	4.03	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.46	4.03	11.0%	4.46	4.03	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.57	2.66	-3.4%	--	--	2.57	2.66
New Jersey	4.45	4.10	8.5%	--	--	4.45	4.10
New York	3.03	3.11	-2.6%	--	--	3.03	3.11
Pennsylvania	2.47	2.58	-4.3%	--	--	2.47	2.58
East North Central	2.30	2.26	1.8%	2.40	2.40	2.05	1.94
Illinois	1.98	1.85	7.0%	1.95	2.02	1.98	1.83
Indiana	W	W	W	2.49	2.49	W	W
Michigan	W	W	W	2.64	2.49	W	W
Ohio	W	W	W	2.21	2.28	W	W
Wisconsin	2.25	2.41	-6.6%	2.25	2.41	--	--
West North Central	1.75	1.69	3.6%	1.75	1.69	--	--
Iowa	1.63	1.58	3.2%	1.63	1.58	--	--
Kansas	1.79	1.64	9.1%	1.79	1.64	--	--
Minnesota	1.92	1.94	-1.0%	1.92	1.94	--	--
Missouri	1.97	1.86	5.9%	1.97	1.86	--	--
Nebraska	1.39	1.37	1.5%	1.39	1.37	--	--
North Dakota	1.42	1.47	-3.4%	1.42	1.47	--	--
South Dakota	2.06	2.01	2.5%	2.06	2.01	--	--
South Atlantic	2.97	3.15	-5.7%	3.10	3.25	2.47	2.85
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.22	3.31	W	W
Georgia	2.94	3.14	-6.4%	2.94	3.14	--	--
Maryland	2.85	3.35	-15.0%	--	--	2.85	3.35
North Carolina	3.56	3.91	-9.0%	3.56	3.91	--	--
South Carolina	3.60	3.70	-2.7%	3.60	3.70	--	--
Virginia	W	W	W	3.16	3.32	W	W
West Virginia	2.30	2.50	-8.0%	2.40	2.57	2.15	2.42
East South Central	2.44	W	W	2.44	2.49	--	W
Alabama	2.55	2.77	-7.9%	2.55	2.77	--	--
Kentucky	2.29	2.33	-1.7%	2.29	2.33	--	--
Mississippi	3.32	W	W	3.32	3.72	--	W
Tennessee	2.47	2.29	7.9%	2.47	2.29	--	--
West South Central	2.08	2.10	-1.0%	2.12	2.26	2.04	1.91
Arkansas	W	W	W	2.47	2.44	W	W
Louisiana	W	W	W	2.28	3.06	W	W
Oklahoma	W	W	W	1.95	2.07	W	W
Texas	2.02	1.97	2.5%	1.99	2.12	2.04	1.85
Mountain	W	W	W	1.97	1.99	W	W
Arizona	2.06	2.07	-0.5%	2.06	2.07	--	--
Colorado	1.93	1.93	0.0%	1.93	1.93	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.71	2.90	W	W
New Mexico	2.44	2.26	8.0%	2.44	2.26	--	--
Utah	1.92	2.05	-6.3%	1.92	2.05	--	--
Wyoming	1.64	1.67	-1.8%	1.64	1.67	--	--
Pacific Contiguous	W	W	W	2.52	2.02	W	W
California	--	--	--	--	--	--	--
Oregon	2.52	2.02	25.0%	2.52	2.02	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.29	2.33	-1.7%	2.33	2.37	2.18	2.24

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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) October 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	3.58	3.76	-4.8%	4.30	4.27	3.36	3.56
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.30	4.27	0.7%	4.30	4.27	--	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.65	2.59	2.3%	--	--	2.65	2.59
New Jersey	3.89	3.85	1.0%	--	--	3.89	3.85
New York	3.02	2.99	1.0%	--	--	3.02	2.99
Pennsylvania	2.58	2.52	2.4%	--	--	2.58	2.52
East North Central	2.32	2.28	1.8%	2.44	2.42	2.06	1.95
Illinois	1.99	1.88	5.9%	2.08	2.07	1.98	1.85
Indiana	W	W	W	2.57	2.53	W	W
Michigan	W	W	W	2.60	2.67	W	W
Ohio	W	W	W	2.28	2.24	W	W
Wisconsin	2.32	2.33	-0.4%	2.32	2.33	--	--
West North Central	1.78	1.75	1.7%	1.78	1.75	--	--
Iowa	1.64	1.62	1.2%	1.64	1.62	--	--
Kansas	1.79	1.78	0.6%	1.79	1.78	--	--
Minnesota	1.95	2.01	-3.0%	1.95	2.01	--	--
Missouri	2.00	1.90	5.3%	2.00	1.90	--	--
Nebraska	1.40	1.42	-1.4%	1.40	1.42	--	--
North Dakota	1.54	1.55	-0.6%	1.54	1.55	--	--
South Dakota	2.09	2.00	4.5%	2.09	2.00	--	--
South Atlantic	3.08	3.22	-4.3%	3.20	3.33	2.62	2.79
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.32	3.42	W	W
Georgia	3.12	3.17	-1.6%	3.12	3.17	--	--
Maryland	2.99	3.46	-14.0%	--	--	2.99	3.46
North Carolina	3.60	3.88	-7.2%	3.60	3.88	--	--
South Carolina	3.63	3.76	-3.5%	3.63	3.76	--	--
Virginia	W	W	W	3.21	3.28	W	W
West Virginia	2.41	2.50	-3.6%	2.57	2.69	2.17	2.20
East South Central	W	W	W	2.51	2.53	W	W
Alabama	2.73	2.80	-2.5%	2.73	2.80	--	--
Kentucky	2.35	2.35	0.0%	2.35	2.35	--	--
Mississippi	W	W	W	3.30	3.94	W	W
Tennessee	2.46	2.40	2.5%	2.46	2.40	--	--
West South Central	2.07	2.09	-1.0%	2.16	2.26	1.97	1.91
Arkansas	W	W	W	2.40	2.39	W	W
Louisiana	W	W	W	2.40	2.91	W	W
Oklahoma	W	W	W	1.97	2.03	W	W
Texas	2.01	1.98	1.5%	2.10	2.16	1.95	1.86
Mountain	W	W	W	1.99	1.94	W	W
Arizona	2.11	2.06	2.4%	2.11	2.06	--	--
Colorado	1.94	1.91	1.6%	1.94	1.91	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.46	2.74	W	W
New Mexico	2.40	2.31	3.9%	2.40	2.31	--	--
Utah	2.05	2.03	1.0%	2.05	2.03	--	--
Wyoming	1.59	1.52	4.6%	1.59	1.52	--	--
Pacific Contiguous	W	W	W	2.50	1.96	W	W
California	W	W	W	--	--	W	W
Oregon	2.50	1.96	28.0%	2.50	1.96	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.35	2.34	0.4%	2.38	2.38	2.25	2.21

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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, October 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013
New England	16.79	W	W	19.37	21.86	16.44	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	16.91	W	W	19.37	21.86	16.12	W
New Hampshire	W	W	W	--	--	W	W
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	W	W	W	--	24.91	W	W
New Jersey	W	W	W	--	--	W	W
New York	W	W	W	--	24.91	W	W
Pennsylvania	20.07	W	W	--	--	20.07	W
East North Central	20.62	22.83	-9.7%	20.63	22.73	20.60	23.24
Illinois	W	W	W	21.25	23.36	W	W
Indiana	20.73	23.07	-10.0%	20.73	23.07	--	--
Michigan	20.28	21.87	-7.3%	20.28	21.87	--	--
Ohio	20.39	W	W	20.83	23.68	20.05	W
Wisconsin	W	22.24	W	20.12	22.24	W	--
West North Central	W	22.61	W	20.48	22.61	W	--
Iowa	20.76	22.61	-8.2%	20.76	22.61	--	--
Kansas	20.21	21.64	-6.6%	20.21	21.64	--	--
Minnesota	W	22.69	W	21.34	22.69	W	--
Missouri	20.06	21.96	-8.7%	20.06	21.96	--	--
Nebraska	20.71	21.96	-5.7%	20.71	21.96	--	--
North Dakota	21.91	23.67	-7.4%	21.91	23.67	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	19.53	22.70	-14.0%	19.71	22.72	19.13	22.24
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	18.44	22.80	W	W
Georgia	20.27	23.40	-13.0%	20.27	23.40	--	--
Maryland	W	W	W	--	--	W	W
North Carolina	19.10	22.79	-16.0%	19.10	22.79	--	--
South Carolina	19.93	22.98	-13.0%	19.93	22.98	--	--
Virginia	W	W	W	20.24	21.52	W	W
West Virginia	21.13	22.69	-6.9%	21.13	22.69	--	--
East South Central	19.89	W	W	19.89	22.80	--	W
Alabama	19.28	W	W	19.28	22.62	--	W
Kentucky	20.14	22.93	-12.0%	20.14	22.93	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	18.97	22.68	-16.0%	18.97	22.68	--	--
West South Central	19.32	22.07	-12.0%	19.30	22.04	19.40	22.09
Arkansas	W	W	W	--	21.78	W	W
Louisiana	W	W	W	19.36	--	W	W
Oklahoma	20.33	22.91	-11.0%	20.33	22.91	--	--
Texas	W	W	W	19.09	22.12	W	W
Mountain	W	W	W	21.36	24.11	W	W
Arizona	19.86	24.16	-18.0%	19.86	24.16	--	--
Colorado	20.29	22.96	-12.0%	20.29	22.96	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	22.86	25.63	W	W
New Mexico	21.84	23.78	-8.2%	21.84	23.78	--	--
Utah	22.06	24.31	-9.3%	22.06	24.31	--	--
Wyoming	22.04	23.53	-6.3%	22.04	23.53	--	--
Pacific Contiguous	19.00	W	W	19.00	--	--	W
California	--	--	--	--	--	--	--
Oregon	19.00	--	--	19.00	--	--	--
Washington	--	W	W	--	--	--	W
Pacific Noncontiguous	W	W	W	19.00	21.63	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	19.00	21.63	W	W
U.S. Total	18.52	20.86	-11.0%	19.34	21.97	17.56	19.12

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Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) October 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	W	W	W	18.27	18.56	W	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	19.20	18.48	3.9%	20.41	21.87	18.96	17.99
New Hampshire	W	W	W	16.92	16.75	W	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	20.99	20.39	2.9%	19.83	21.95	21.35	19.90
New Jersey	23.27	21.27	9.4%	--	--	23.27	21.27
New York	20.17	19.95	1.1%	19.83	21.95	20.34	19.07
Pennsylvania	22.94	22.06	4.0%	--	--	22.94	22.06
East North Central	23.35	23.00	1.5%	22.72	22.95	24.79	23.18
Illinois	W	W	W	23.04	23.60	W	W
Indiana	22.80	23.01	-0.9%	22.80	23.01	--	--
Michigan	22.08	W	W	22.08	22.80	--	W
Ohio	24.34	23.05	5.6%	23.28	23.01	25.39	23.13
Wisconsin	W	W	W	21.99	22.52	W	W
West North Central	W	22.70	W	22.07	22.70	W	--
Iowa	22.04	22.67	-2.8%	22.04	22.67	--	--
Kansas	21.77	22.56	-3.5%	21.77	22.56	--	--
Minnesota	W	23.17	W	22.47	23.17	W	--
Missouri	21.79	22.29	-2.2%	21.79	22.29	--	--
Nebraska	22.05	22.46	-1.8%	22.05	22.46	--	--
North Dakota	22.90	23.24	-1.5%	22.90	23.24	--	--
South Dakota	22.70	23.31	-2.6%	22.70	23.31	--	--
South Atlantic	22.20	20.67	7.4%	22.16	20.32	22.30	22.58
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	22.45	18.94	W	W
Georgia	W	W	W	23.12	23.45	W	W
Maryland	21.77	21.82	-0.2%	--	--	21.77	21.82
North Carolina	W	W	W	22.58	22.78	W	W
South Carolina	22.84	23.28	-1.9%	22.84	23.28	--	--
Virginia	21.76	W	W	21.49	17.76	23.20	W
West Virginia	W	23.51	W	23.17	23.51	W	--
East South Central	W	W	W	21.96	22.62	W	W
Alabama	W	W	W	21.89	22.35	W	W
Kentucky	22.04	22.74	-3.1%	22.04	22.74	--	--
Mississippi	21.59	21.68	-0.4%	21.59	21.68	--	--
Tennessee	21.93	22.74	-3.6%	21.93	22.74	--	--
West South Central	21.04	22.29	-5.6%	20.89	22.41	21.23	22.22
Arkansas	W	W	W	22.91	22.29	W	W
Louisiana	W	W	W	20.58	22.03	W	W
Oklahoma	22.28	22.33	-0.2%	22.28	22.33	--	--
Texas	W	W	W	20.70	22.57	W	W
Mountain	W	W	W	23.56	23.86	W	W
Arizona	23.09	24.45	-5.6%	23.09	24.45	--	--
Colorado	23.17	23.59	-1.8%	23.17	23.59	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	23.91	24.25	W	W
New Mexico	24.32	24.58	-1.1%	24.32	24.58	--	--
Utah	22.44	22.09	1.6%	22.44	22.09	--	--
Wyoming	23.31	23.29	0.1%	23.31	23.29	--	--
Pacific Contiguous	W	W	W	20.84	23.18	W	W
California	--	--	--	--	--	--	--
Oregon	20.84	22.05	-5.5%	20.84	22.05	--	--
Washington	W	W	W	--	23.63	W	W
Pacific Noncontiguous	W	W	W	21.12	20.66	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	21.12	20.66	W	W
U.S. Total	21.24	20.62	3.0%	21.35	20.99	21.09	19.90

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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, October 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.38	1.48	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.85	--	--	0.85	--	--	--
Michigan	W	W	W	1.42	1.39	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	--	1.81	--	--	1.81	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.04	2.57	-21.0%	2.04	2.57	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.04	2.57	-21.0%	2.04	2.57	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.79	1.74	2.9%	1.79	1.74	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.79	1.74	2.9%	1.79	1.74	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.61	1.94	-17.0%	1.61	1.94	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.61	1.94	-17.0%	1.61	1.94	--	--
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	1.65	2.06	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) October 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 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	1.52	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.93	--	--	0.93	--	--	--
Michigan	W	W	W	1.45	1.42	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.86	1.75	6.3%	1.86	1.75	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.40	2.63	-8.7%	2.40	2.63	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.40	2.63	-8.7%	2.40	2.63	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.76	1.82	-3.3%	1.76	1.82	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.76	1.82	-3.3%	1.76	1.82	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.99	1.96	1.5%	1.99	1.96	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.99	1.96	1.5%	1.99	1.96	--	--
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	1.90	2.15	W	W

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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, October 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	October 2014	October 2013	Percentage Change	October 2014	October 2013	October 2014	October 2013
New England	3.42	3.87	-12.0%	3.15	4.14	3.43	3.87
Connecticut	W	3.87	W	--	--	W	3.87
Maine	W	W	W	--	--	W	W
Massachusetts	3.50	3.84	-8.9%	3.13	4.12	3.51	3.84
New Hampshire	W	9.86	W	8.56	9.86	W	--
Rhode Island	3.60	W	W	--	--	3.60	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.66	3.85	-31.0%	3.24	4.08	2.61	3.82
New Jersey	2.65	3.29	-19.0%	--	--	2.65	3.29
New York	3.18	4.30	-26.0%	3.24	4.08	3.17	4.38
Pennsylvania	2.19	3.72	-41.0%	--	--	2.19	3.72
East North Central	3.91	3.97	-1.5%	4.06	3.97	3.83	3.97
Illinois	W	W	W	5.84	10.96	W	W
Indiana	W	W	W	4.08	3.97	W	W
Michigan	4.40	4.33	1.6%	4.32	4.21	4.43	4.35
Ohio	3.04	3.69	-18.0%	2.55	3.65	3.15	3.71
Wisconsin	4.31	4.29	0.5%	4.66	4.74	4.07	4.02
West North Central	4.39	4.73	-7.2%	4.40	4.77	4.35	4.50
Iowa	3.89	5.82	-33.0%	3.89	5.82	--	--
Kansas	4.96	4.56	8.8%	4.96	4.56	--	--
Minnesota	W	4.75	W	4.71	4.87	W	4.50
Missouri	W	4.49	W	4.17	4.49	W	--
Nebraska	4.41	5.23	-16.0%	4.41	5.23	--	--
North Dakota	3.45	--	--	3.45	--	--	--
South Dakota	6.47	4.40	47.0%	6.47	4.40	--	--
South Atlantic	4.84	4.73	2.3%	4.98	4.78	4.02	4.36
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	5.12	4.97	W	W
Georgia	4.25	4.29	-0.9%	4.27	4.24	4.20	4.60
Maryland	W	W	W	--	--	W	W
North Carolina	5.73	W	W	5.99	4.83	5.23	W
South Carolina	W	W	W	4.43	4.49	W	W
Virginia	3.52	3.98	-12.0%	4.13	4.12	2.74	3.69
West Virginia	W	3.37	W	3.70	--	W	3.37
East South Central	4.11	3.93	4.6%	4.13	3.88	4.08	3.99
Alabama	W	W	W	4.09	3.90	W	W
Kentucky	W	W	W	7.94	6.47	W	W
Mississippi	W	W	W	4.05	3.79	W	W
Tennessee	4.07	3.62	12.0%	4.07	3.62	--	--
West South Central	4.03	3.77	6.9%	4.16	3.88	3.96	3.69
Arkansas	W	4.10	W	5.50	4.71	W	3.93
Louisiana	4.07	3.76	8.2%	4.11	3.83	3.95	3.60
Oklahoma	W	3.99	W	4.28	4.00	W	3.90
Texas	3.99	3.71	7.5%	4.09	3.80	3.96	3.68
Mountain	4.49	4.19	7.2%	4.58	4.35	4.21	3.86
Arizona	4.39	4.38	0.2%	4.63	5.22	4.05	3.80
Colorado	W	W	W	4.50	4.70	W	W
Idaho	9.58	W	W	9.58	6.41	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	4.72	4.06	W	W
New Mexico	4.60	4.20	9.5%	4.60	4.20	--	--
Utah	W	3.75	W	4.15	3.75	W	--
Wyoming	6.20	7.10	-13.0%	6.20	7.10	--	--
Pacific Contiguous	4.33	4.22	2.6%	4.52	4.40	4.16	4.04
California	4.42	4.31	2.6%	4.68	4.62	4.25	4.09
Oregon	W	W	W	3.92	3.67	W	W
Washington	W	W	W	4.44	4.25	W	W
Pacific Noncontiguous	4.95	4.76	4.0%	4.95	4.76	--	--
Alaska	4.95	4.76	4.0%	4.95	4.76	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	4.10	4.15	-1.2%	4.57	4.41	3.64	3.87

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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) October 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	October 2014 YTD	October 2013 YTD	Percentage Change	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	6.52	5.59	17.0%	5.51	6.86	6.53	5.58
Connecticut	6.90	5.80	19.0%	--	--	6.90	5.80
Maine	W	W	W	--	--	W	W
Massachusetts	6.37	5.47	16.0%	5.47	6.25	6.38	5.46
New Hampshire	W	W	W	5.67	8.70	W	W
Rhode Island	6.21	5.38	15.0%	--	--	6.21	5.38
Vermont	--	--	--	--	--	--	--
Middle Atlantic	5.18	4.50	15.0%	5.49	4.99	5.15	4.43
New Jersey	4.83	4.15	16.0%	--	--	4.83	4.15
New York	5.44	5.08	7.1%	5.49	4.99	5.42	5.12
Pennsylvania	5.09	3.99	28.0%	--	--	5.09	3.99
East North Central	5.35	4.11	30.0%	5.28	4.10	5.39	4.11
Illinois	W	W	W	6.06	4.76	W	W
Indiana	W	W	W	5.39	3.98	W	W
Michigan	6.93	4.44	56.0%	7.05	4.40	6.88	4.46
Ohio	4.25	3.82	11.0%	4.14	3.82	4.31	3.83
Wisconsin	5.40	4.33	25.0%	5.72	4.46	5.11	4.20
West North Central	5.68	4.44	28.0%	5.76	4.45	5.30	4.38
Iowa	6.16	4.40	40.0%	6.16	4.40	--	--
Kansas	5.61	4.34	29.0%	5.61	4.34	--	--
Minnesota	W	W	W	5.95	4.57	W	W
Missouri	W	W	W	5.43	4.40	W	W
Nebraska	5.71	4.74	20.0%	5.71	4.74	--	--
North Dakota	3.79	--	--	3.79	--	--	--
South Dakota	5.40	4.02	34.0%	5.40	4.02	--	--
South Atlantic	5.49	4.76	15.0%	5.54	4.83	5.22	4.30
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	5.48	W	W	5.50	5.04	4.27	W
Georgia	4.98	4.33	15.0%	5.01	4.30	4.88	4.43
Maryland	5.26	W	W	--	--	5.26	W
North Carolina	6.09	W	W	6.15	4.78	5.94	W
South Carolina	W	W	W	4.98	4.54	W	W
Virginia	6.07	4.11	48.0%	6.60	4.26	5.30	3.85
West Virginia	W	4.15	W	6.19	3.82	W	4.21
East South Central	4.77	3.97	20.0%	4.78	3.94	4.74	4.03
Alabama	4.72	4.04	17.0%	4.68	3.98	4.74	4.07
Kentucky	W	W	W	6.03	5.62	W	W
Mississippi	W	W	W	4.68	3.85	W	W
Tennessee	4.68	3.75	25.0%	4.68	3.75	--	--
West South Central	4.66	3.86	21.0%	4.83	3.97	4.55	3.79
Arkansas	W	4.17	W	7.36	5.16	W	3.83
Louisiana	4.67	3.85	21.0%	4.72	3.90	4.55	3.70
Oklahoma	W	3.93	W	5.10	3.97	W	3.83
Texas	4.58	3.82	20.0%	4.69	3.91	4.54	3.79
Mountain	5.13	4.32	19.0%	5.22	4.42	4.83	4.06
Arizona	5.18	4.45	16.0%	5.57	4.89	4.54	3.97
Colorado	5.28	4.64	14.0%	5.34	4.70	5.18	4.56
Idaho	W	W	W	5.32	4.21	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	5.19	4.26	W	W
New Mexico	4.93	4.17	18.0%	4.93	4.17	--	--
Utah	W	3.91	W	4.71	3.91	W	--
Wyoming	6.95	7.23	-3.9%	6.95	7.23	--	--
Pacific Contiguous	5.03	4.22	19.0%	5.18	4.49	4.89	4.00
California	5.13	4.33	18.0%	5.41	4.70	4.92	4.07
Oregon	W	W	W	4.32	3.68	W	W
Washington	W	W	W	4.95	4.28	W	W
Pacific Noncontiguous	5.07	4.69	8.1%	5.07	4.69	--	--
Alaska	5.07	4.69	8.1%	5.07	4.69	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	5.14	4.33	19.0%	5.25	4.46	5.02	4.19

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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 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 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, October 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	40	1.70	9.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	3	0.82	8.8	0	--	--	0	--	--
Massachusetts	19	0.86	12.2	0	--	--	0	--	--
New Hampshire	18	2.64	7.7	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,406	2.82	11.0	95	0.27	5.1	0	--	--
New Jersey	68	1.07	8.4	0	--	--	0	--	--
New York	111	2.18	9.1	95	0.27	5.1	0	--	--
Pennsylvania	2,227	2.91	11.2	0	--	--	0	--	--
East North Central	7,450	2.91	9.8	9,507	0.25	4.9	0	--	--
Illinois	642	3.54	18.6	4,639	0.22	4.7	0	--	--
Indiana	3,247	2.74	9.0	216	0.26	5.0	0	--	--
Michigan	555	1.41	9.2	2,501	0.29	5.0	0	--	--
Ohio	2,841	3.32	9.3	79	0.29	5.5	0	--	--
Wisconsin	166	2.14	7.8	2,072	0.27	5.1	0	--	--
West North Central	113	3.44	9.4	9,539	0.29	5.2	1,945	0.81	10.0
Iowa	47	3.50	8.0	1,666	0.28	5.0	0	--	--
Kansas	33	3.43	13.2	1,545	0.33	5.2	0	--	--
Minnesota	0	--	--	1,362	0.40	6.4	0	--	--
Missouri	33	3.37	7.6	3,453	0.23	4.9	0	--	--
Nebraska	0	--	--	1,345	0.28	5.3	0	--	--
North Dakota	0	--	--	0	--	--	1,945	0.81	10.0
South Dakota	0	--	--	167	0.38	6.2	0	--	--
South Atlantic	9,286	2.22	10.2	1,053	0.32	4.7	0	--	--
Delaware	0	2.31	7.4	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,858	2.31	8.6	0	--	--	0	--	--
Georgia	681	1.96	9.0	1,052	0.32	4.7	0	--	--
Maryland	635	2.13	9.6	0	0.21	5.0	0	--	--
North Carolina	1,476	1.64	10.2	0	--	--	0	--	--
South Carolina	1,073	1.55	9.5	0	--	--	0	--	--
Virginia	455	1.21	9.8	0	--	--	0	--	--
West Virginia	3,108	2.89	11.8	0	--	--	0	--	--
East South Central	4,981	2.54	9.4	2,163	0.34	5.4	0	--	--
Alabama	575	1.52	9.6	1,088	0.29	5.4	0	--	--
Kentucky	3,210	2.97	9.7	390	0.34	5.5	0	--	--
Mississippi	317	1.55	9.2	27	0.24	5.2	0	--	--
Tennessee	880	2.02	8.1	658	0.43	5.3	0	--	--
West South Central	69	1.68	19.5	9,386	0.28	5.2	3,572	1.01	16.2
Arkansas	10	0.65	9.0	1,717	0.26	5.3	0	--	--
Louisiana	15	3.17	8.7	881	0.30	5.1	329	0.61	15.4
Oklahoma	44	1.41	26.1	1,488	0.26	5.0	0	--	--
Texas	0	--	--	5,300	0.30	5.2	3,242	1.05	16.2
Mountain	2,976	0.63	13.1	5,838	0.50	8.8	0	--	--
Arizona	649	0.59	10.9	1,102	0.55	9.1	0	--	--
Colorado	324	0.51	9.5	1,190	0.35	5.7	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	898	0.70	10.2	0	--	--
Nevada	117	0.55	7.8	177	0.40	7.8	0	--	--
New Mexico	543	0.79	26.4	363	0.70	23.1	0	--	--
Utah	1,343	0.63	11.0	45	1.00	8.5	0	--	--
Wyoming	0	--	--	2,064	0.46	7.7	0	--	--
Pacific Contiguous	54	0.48	10.2	603	0.28	8.3	0	--	--
California	54	0.48	10.2	0	--	--	0	--	--
Oregon	0	--	--	193	0.22	4.7	0	--	--
Washington	0	--	--	410	0.30	10.1	0	--	--
Pacific Noncontiguous	62	1.18	5.0	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	62	1.18	5.0	0	--	--	0	--	--
U.S. Total	27,438	2.36	10.3	38,182	0.31	5.7	5,516	0.94	14.0

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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, October 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	18	2.64	7.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	18	2.64	7.7	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	6,199	2.88	9.1	5,055	0.28	5.0	0	--	--
Illinois	121	3.49	10.2	295	0.26	5.1	0	--	--
Indiana	2,965	2.70	8.9	216	0.26	5.0	0	--	--
Michigan	512	1.42	9.2	2,484	0.29	5.0	0	--	--
Ohio	2,476	3.41	9.4	0	--	--	0	--	--
Wisconsin	125	2.26	7.8	2,060	0.27	5.1	0	--	--
West North Central	60	3.45	10.6	9,489	0.29	5.2	1,945	0.81	10.0
Iowa	0	--	--	1,617	0.28	5.0	0	--	--
Kansas	33	3.43	13.2	1,545	0.33	5.2	0	--	--
Minnesota	0	--	--	1,362	0.40	6.4	0	--	--
Missouri	27	3.48	7.3	3,453	0.23	4.9	0	--	--
Nebraska	0	--	--	1,345	0.28	5.3	0	--	--
North Dakota	0	--	--	0	--	--	1,945	0.81	10.0
South Dakota	0	--	--	167	0.38	6.2	0	--	--
South Atlantic	7,206	2.05	9.9	1,052	0.32	4.7	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,802	2.36	8.6	0	--	--	0	--	--
Georgia	639	2.02	8.9	1,052	0.32	4.7	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,476	1.64	10.2	0	--	--	0	--	--
South Carolina	1,065	1.56	9.5	0	--	--	0	--	--
Virginia	384	1.21	10.0	0	--	--	0	--	--
West Virginia	1,839	2.57	11.6	0	--	--	0	--	--
East South Central	4,869	2.59	9.4	2,163	0.34	5.4	0	--	--
Alabama	575	1.52	9.6	1,088	0.29	5.4	0	--	--
Kentucky	3,210	2.97	9.7	390	0.34	5.5	0	--	--
Mississippi	317	1.55	9.2	27	0.24	5.2	0	--	--
Tennessee	767	2.21	8.1	658	0.43	5.3	0	--	--
West South Central	15	3.17	8.7	5,875	0.26	5.2	619	1.08	18.4
Arkansas	0	--	--	1,506	0.26	5.2	0	--	--
Louisiana	15	3.17	8.7	270	0.30	5.3	329	0.61	15.4
Oklahoma	0	--	--	1,418	0.26	5.0	0	--	--
Texas	0	--	--	2,682	0.25	5.2	290	1.72	22.4
Mountain	2,961	0.63	13.1	4,879	0.47	8.6	0	--	--
Arizona	649	0.59	10.9	1,102	0.55	9.1	0	--	--
Colorado	324	0.51	9.5	1,190	0.35	5.7	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	117	0.55	7.8	117	0.43	8.8	0	--	--
New Mexico	543	0.79	26.4	363	0.70	23.1	0	--	--
Utah	1,329	0.64	11.0	45	1.00	8.5	0	--	--
Wyoming	0	--	--	2,064	0.46	7.7	0	--	--
Pacific Contiguous	0	--	--	193	0.22	4.7	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	193	0.22	4.7	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	21,327	2.24	10.0	28,707	0.32	5.8	2,564	0.88	12.0

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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, October 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	21	0.86	11.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	2	0.83	8.8	0	--	--	0	--	--
Massachusetts	19	0.86	12.2	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,365	2.84	11.0	95	0.27	5.1	0	--	--
New Jersey	68	1.07	8.4	0	--	--	0	--	--
New York	79	2.36	9.2	95	0.27	5.1	0	--	--
Pennsylvania	2,218	2.91	11.2	0	--	--	0	--	--
East North Central	1,048	3.08	14.5	4,377	0.22	4.7	0	--	--
Illinois	396	3.58	26.2	4,281	0.21	4.7	0	--	--
Indiana	282	3.23	10.3	0	--	--	0	--	--
Michigan	25	1.24	8.9	17	0.39	5.4	0	--	--
Ohio	345	2.72	8.7	79	0.29	5.5	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	1,931	2.90	11.0	0	0.21	5.0	0	--	--
Delaware	0	2.31	7.4	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	56	0.90	9.9	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	609	2.14	9.1	0	0.21	5.0	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	45	0.83	9.5	0	--	--	0	--	--
West Virginia	1,220	3.46	12.1	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	44	1.41	26.1	3,510	0.33	5.3	2,952	0.99	15.7
Arkansas	0	--	--	212	0.27	5.4	0	--	--
Louisiana	0	--	--	610	0.30	5.1	0	--	--
Oklahoma	44	1.41	26.1	70	0.21	4.6	0	--	--
Texas	0	--	--	2,618	0.34	5.3	2,952	0.99	15.7
Mountain	0	--	--	958	0.68	9.9	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	898	0.70	10.2	0	--	--
Nevada	0	--	--	60	0.34	5.6	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	410	0.30	10.1	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	410	0.30	10.1	0	--	--
Pacific Noncontiguous	62	1.18	5.0	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	62	1.18	5.0	0	--	--	0	--	--
U.S. Total	5,470	2.87	11.6	9,350	0.31	5.7	2,952	0.99	15.7

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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, October 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	7	2.48	9.3	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	7	2.48	9.3	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	7	2.97	8.6	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	7	2.97	8.6	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	14	2.72	9.0	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.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
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 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Sector by State, October 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	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	42	1.78	9.3	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	33	1.76	8.8	0	--	--	0	--	--
Pennsylvania	9	1.87	11.1	0	--	--	0	--	--
East North Central	197	2.90	8.3	75	0.39	5.5	0	--	--
Illinois	126	3.50	8.0	63	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	10	0.48	8.3	0	--	--	0	--	--
Ohio	20	2.89	10.8	0	--	--	0	--	--
Wisconsin	41	1.74	8.1	12	0.28	5.7	0	--	--
West North Central	47	3.50	8.0	49	0.22	4.4	0	--	--
Iowa	47	3.50	8.0	49	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	150	1.33	12.3	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	42	1.16	10.5	0	--	--	0	--	--
Maryland	26	1.80	22.8	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	8	0.74	6.9	0	--	--	0	--	--
Virginia	26	1.89	8.1	0	--	--	0	--	--
West Virginia	49	1.04	12.1	0	--	--	0	--	--
East South Central	113	0.86	8.1	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	113	0.86	8.1	0	--	--	0	--	--
West South Central	10	0.65	9.0	0	--	--	0	--	--
Arkansas	10	0.65	9.0	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	14	0.30	9.9	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	14	0.30	9.9	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	54	0.48	10.2	0	--	--	0	--	--
California	54	0.48	10.2	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	627	1.78	9.5	125	0.32	5.1	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.
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See Glossary for definitions. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

Table 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - October 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
May	95,507	109,713	82,174	655	288,049
June	117,630	118,776	82,282	615	319,302
July	136,239	126,080	84,179	653	347,151
August	135,247	126,527	85,597	642	348,014
Sept	120,118	120,693	81,717	628	323,157
October	97,570	113,553	81,299	630	293,052
Year to Date					
2012	1,163,172	1,121,338	828,507	6,133	3,119,150
2013	1,164,921	1,126,150	800,985	6,298	3,098,354
2014	1,185,570	1,143,510	803,718	6,549	3,139,347
Rolling 12 Months Ending in October					
2013	1,376,264	1,331,913	958,192	7,485	3,673,854
2014	1,411,739	1,355,808	957,459	7,776	3,732,781

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 - October 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
May	12,260	11,535	5,559	65	29,418
June	15,262	12,995	6,003	65	34,324
July	17,784	14,075	6,303	68	38,231
August	17,601	14,011	6,318	67	37,996
Sept	15,539	13,391	5,900	68	34,898
October	12,277	12,348	5,650	64	30,340
Year to Date					
2012	138,591	113,634	55,530	625	308,381
2013	141,674	116,447	54,952	647	313,720
2014	148,622	123,427	57,047	676	329,771
Rolling 12 Months Ending in October					
2013	166,363	136,711	65,183	770	369,027
2014	175,494	144,757	67,206	802	388,259

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.
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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 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - October 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
May	12.84	10.51	6.76	9.89	10.21
June	12.97	10.94	7.30	10.53	10.75
July	13.05	11.16	7.49	10.49	11.01
August	13.01	11.07	7.38	10.37	10.92
Sept	12.94	11.10	7.22	10.86	10.80
October	12.58	10.87	6.95	10.24	10.35
Year to Date					
2012	11.91	10.13	6.70	10.18	9.89
2013	12.16	10.34	6.86	10.28	10.13
2014	12.54	10.79	7.10	10.32	10.50
Rolling 12 Months Ending in October					
2013	12.09	10.26	6.80	10.29	10.04
2014	12.43	10.68	7.02	10.31	10.40

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
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Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, October 2014 and 2013 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	3,168	3,251	4,293	3,601	1,571	2,217	44	46	9,076	9,115
Connecticut	804	815	1,013	1,014	274	283	14	16	2,106	2,128
Maine	334	359	324	358	321	290	0	0	979	1,007
Massachusetts	1,357	1,396	2,103	1,408	637	1,295	27	28	4,125	4,128
New Hampshire	312	304	356	351	164	161	0	0	832	816
Rhode Island	212	222	327	305	63	76	2	2	605	605
Vermont	149	154	169	165	112	113	0	0	430	432
Middle Atlantic	8,723	9,014	12,612	12,681	6,205	5,791	318	306	27,858	27,792
New Jersey	1,792	1,875	3,103	3,112	638	646	25	21	5,558	5,655
New York	3,503	3,567	6,098	6,128	1,476	1,079	225	224	11,302	10,999
Pennsylvania	3,428	3,571	3,411	3,441	4,091	4,066	68	61	10,998	11,139
East North Central	12,130	12,674	14,728	15,254	16,420	16,291	49	45	43,327	44,264
Illinois	2,947	3,126	3,979	4,213	3,525	3,614	45	40	10,496	10,993
Indiana	2,069	2,199	1,982	2,014	3,886	3,817	1	2	7,939	8,032
Michigan	2,298	2,361	3,024	3,163	2,717	2,705	0	1	8,039	8,230
Ohio	3,308	3,462	3,854	3,916	4,252	4,138	2	3	11,417	11,518
Wisconsin	1,508	1,526	1,889	1,949	2,038	2,016	0	0	5,436	5,492
West North Central	6,558	6,860	8,216	8,275	7,426	7,348	4	3	22,203	22,486
Iowa	902	938	1,016	1,034	1,742	1,688	0	0	3,661	3,661
Kansas	825	868	1,246	1,280	903	922	0	0	2,974	3,069
Minnesota	1,505	1,541	1,924	1,829	1,826	1,885	2	1	5,257	5,257
Missouri	2,060	2,215	2,386	2,504	1,364	1,365	2	2	5,811	6,085
Nebraska	630	664	770	805	824	825	0	0	2,224	2,294
North Dakota	334	319	487	444	539	439	0	0	1,360	1,202
South Dakota	302	315	387	380	228	223	0	0	917	919
South Atlantic	24,234	24,818	25,451	25,589	12,171	12,032	109	109	61,965	62,547
Delaware	271	266	347	341	220	208	0	0	837	815
District of Columbia	132	125	692	689	21	16	28	27	873	857
Florida	9,617	9,880	7,949	8,026	1,421	1,381	8	8	18,995	19,295
Georgia	3,784	3,775	3,850	3,823	2,752	2,724	14	13	10,400	10,335
Maryland	1,656	1,803	2,300	2,316	307	330	43	43	4,306	4,493
North Carolina	3,487	3,513	3,987	3,962	2,294	2,347	1	1	9,768	9,822
South Carolina	1,896	1,911	1,776	1,784	2,466	2,506	0	0	6,137	6,201
Virginia	2,700	2,820	3,929	3,992	1,519	1,495	16	16	8,165	8,323
West Virginia	692	724	621	656	1,171	1,025	0	0	2,485	2,406
East South Central	7,839	8,047	7,250	7,434	8,942	8,805	0	0	24,030	24,285
Alabama	2,123	2,143	1,839	1,853	2,993	3,008	0	0	6,955	7,003
Kentucky	1,623	1,690	1,500	1,590	2,603	2,586	0	0	5,726	5,866
Mississippi	1,419	1,453	1,191	1,215	1,448	1,426	0	0	4,058	4,094
Tennessee	2,674	2,762	2,720	2,776	1,898	1,785	0	0	7,291	7,323
West South Central	16,181	16,319	17,075	16,841	14,036	13,362	17	9	47,309	46,530
Arkansas	1,250	1,336	1,032	1,049	1,432	1,461	0	NM	3,713	3,845
Louisiana	2,429	2,581	2,120	2,171	2,777	2,533	1	1	7,327	7,285
Oklahoma	1,535	1,501	1,681	1,606	1,443	1,343	0	0	4,659	4,450
Texas	10,966	10,901	12,243	12,014	8,385	8,026	16	8	31,610	30,950
Mountain	6,763	6,383	7,708	7,517	6,893	6,690	10	10	21,374	20,600
Arizona	2,416	2,067	2,494	2,367	1,269	1,083	0	0	6,179	5,518
Colorado	1,349	1,385	1,656	1,593	1,295	1,285	5	5	4,304	4,268
Idaho	527	590	490	497	624	611	0	0	1,641	1,698
Montana	325	351	407	416	346	332	0	0	1,077	1,098
Nevada	813	661	707	745	1,114	1,111	1	1	2,634	2,517
New Mexico	475	471	739	712	604	627	0	0	1,818	1,809
Utah	673	657	901	863	734	790	5	4	2,312	2,314
Wyoming	185	201	315	326	908	852	0	0	1,408	1,379
Pacific Contiguous	11,575	10,901	15,701	14,463	7,197	7,492	79	61	34,553	32,916
California	8,058	6,985	11,819	10,710	3,895	4,139	77	58	23,849	21,893
Oregon	1,234	1,450	1,344	1,315	1,007	1,027	2	2	3,586	3,794
Washington	2,283	2,466	2,539	2,438	2,295	2,325	0	0	7,117	7,229
Pacific Noncontiguous	398	390	519	517	438	435	0	0	1,356	1,341
Alaska	166	166	231	228	107	111	0	0	503	504
Hawaii	232	224	288	290	332	324	0	0	853	837
U.S. Total	97,570	98,656	113,553	112,171	81,299	80,463	630	589	293,052	291,879

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
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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 5.4.B. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through October 2014 and 2013 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	39,633	40,071	44,796	37,706	15,293	22,579	474	480	100,195	100,837
Connecticut	10,744	10,947	11,083	10,979	2,873	2,866	145	161	24,844	24,953
Maine	3,839	3,816	3,330	3,429	2,798	2,561	0	0	9,968	9,806
Massachusetts	16,925	17,138	21,882	14,738	6,068	13,556	306	297	45,181	45,729
New Hampshire	3,801	3,786	3,767	3,789	1,649	1,643	0	0	9,216	9,218
Rhode Island	2,581	2,647	3,028	3,076	748	780	23	22	6,380	6,526
Vermont	1,743	1,737	1,707	1,695	1,156	1,174	0	0	4,606	4,606
Middle Atlantic	110,649	111,853	132,361	132,396	61,132	57,439	3,345	3,356	307,488	305,044
New Jersey	23,657	24,189	32,101	32,114	6,188	6,197	261	274	62,208	62,773
New York	41,748	42,771	63,868	64,146	14,594	11,182	2,384	2,385	122,594	120,484
Pennsylvania	45,244	44,893	36,392	36,136	40,349	40,060	700	698	122,686	121,787
East North Central	155,345	154,827	153,649	153,729	162,134	162,443	547	536	471,675	471,535
Illinois	38,291	38,560	42,402	42,695	36,017	36,493	491	478	117,201	118,226
Indiana	27,734	27,270	20,418	20,473	38,775	38,539	17	17	86,944	86,299
Michigan	27,740	28,120	31,562	31,702	26,539	25,561	4	5	85,844	85,387
Ohio	43,629	42,803	39,581	39,344	40,879	42,255	35	36	124,125	124,438
Wisconsin	17,951	18,073	19,685	19,516	19,925	19,596	0	0	57,561	57,185
West North Central	87,618	86,869	85,945	84,236	73,634	72,927	67	34	247,263	244,066
Iowa	11,781	11,900	10,323	10,269	16,983	16,278	0	0	39,087	38,448
Kansas	11,649	11,413	13,203	13,046	9,276	8,858	0	0	34,128	33,316
Minnesota	18,494	18,564	19,590	18,861	17,968	18,561	19	16	56,071	56,002
Missouri	29,482	28,872	26,013	25,936	13,541	13,942	19	18	69,054	68,769
Nebraska	8,219	8,301	7,965	7,825	8,795	8,850	0	0	24,979	24,975
North Dakota	4,113	3,952	4,856	4,416	4,845	4,261	0	0	13,814	12,628
South Dakota	3,880	3,867	3,994	3,883	2,226	2,177	30	0	10,130	9,927
South Atlantic	299,644	287,327	259,053	256,036	118,870	116,850	1,131	1,111	678,699	661,323
Delaware	3,918	3,808	3,554	3,498	1,938	2,152	0	0	9,410	9,458
District of Columbia	1,760	1,717	7,201	7,170	194	190	278	276	9,434	9,352
Florida	100,194	96,211	78,313	77,071	14,207	14,067	80	77	192,794	187,426
Georgia	48,370	45,642	39,470	38,840	26,780	26,197	138	132	114,759	110,811
Maryland	22,858	22,570	25,125	25,349	3,177	3,281	456	452	51,617	51,652
North Carolina	48,704	46,558	40,233	39,566	22,679	22,579	7	6	111,624	108,710
South Carolina	25,936	24,363	18,526	17,978	24,519	24,147	0	0	68,982	66,487
Virginia	38,182	37,087	40,044	40,045	14,754	14,214	168	164	93,147	91,509
West Virginia	9,722	9,371	6,587	6,520	10,622	10,024	3	3	26,934	25,918
East South Central	102,902	98,235	75,353	76,576	87,427	92,135	1	1	265,682	266,948
Alabama	27,768	26,297	19,267	18,907	29,280	28,673	0	0	76,315	73,877
Kentucky	22,715	22,006	15,950	17,739	25,488	31,185	0	0	64,154	70,930
Mississippi	16,324	15,679	11,673	11,580	14,147	13,927	0	0	42,144	41,185
Tennessee	36,095	34,254	28,462	28,350	18,512	18,350	1	1	83,069	80,956
West South Central	186,583	180,442	165,176	161,373	138,428	130,808	160	70	490,347	472,694
Arkansas	15,713	15,347	10,140	10,087	14,057	13,998	NM	NM	39,910	39,433
Louisiana	26,970	26,079	20,743	20,484	26,647	25,770	10	9	74,371	72,342
Oklahoma	19,861	19,354	16,773	16,471	14,064	13,646	0	0	50,698	49,471
Texas	124,039	119,663	117,519	114,331	83,660	77,394	150	60	325,368	311,448
Mountain	79,765	81,882	79,017	79,109	70,820	69,610	111	102	229,713	230,702
Arizona	28,139	29,028	25,517	25,498	11,654	10,536	0	0	65,310	65,063
Colorado	15,113	15,524	16,563	16,532	13,100	12,939	53	51	44,828	45,045
Idaho	6,562	6,886	5,079	5,058	7,918	8,267	0	0	19,560	20,211
Montana	4,019	3,967	4,118	4,051	3,451	3,493	0	0	11,589	11,511
Nevada	10,579	10,633	7,697	7,912	11,443	11,436	7	7	29,725	29,988
New Mexico	5,621	5,737	7,538	7,587	6,239	6,155	0	0	19,398	19,479
Utah	7,497	7,824	9,186	9,114	8,358	8,332	51	45	25,092	25,315
Wyoming	2,235	2,284	3,320	3,357	8,657	8,450	0	0	14,212	14,090
Pacific Contiguous	119,651	119,552	143,189	139,952	71,779	72,051	712	608	335,330	332,162
California	75,686	75,294	104,908	102,196	38,553	38,896	688	585	219,835	216,971
Oregon	15,153	15,332	13,426	13,279	10,119	10,051	20	19	38,718	38,681
Washington	28,812	28,926	24,855	24,477	23,107	23,103	4	5	76,778	76,511
Pacific Noncontiguous	3,780	3,864	4,971	5,037	4,203	4,142	0	0	12,953	13,042
Alaska	1,658	1,694	2,301	2,330	1,120	1,112	0	0	5,079	5,135
Hawaii	2,121	2,170	2,670	2,707	3,083	3,030	0	0	7,875	7,907
U.S. Total	1,185,570	1,164,921	1,143,510	1,126,150	803,718	800,985	6,549	6,298	3,139,347	3,098,354

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, October 2014 and 2013 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	563	532	602	489	170	255	4	6	1,339	1,282
Connecticut	162	152	153	148	34	36	1	2	350	337
Maine	53	52	38	40	24	22	0	0	115	114
Massachusetts	229	218	294	196	75	161	NM	4	600	578
New Hampshire	56	51	49	47	18	18	0	0	124	116
Rhode Island	36	32	44	34	8	8	0	0	88	74
Vermont	26	27	25	25	11	11	0	0	61	63
Middle Atlantic	1,419	1,435	1,661	1,632	435	415	38	37	3,554	3,519
New Jersey	279	291	376	387	64	67	2	2	722	747
New York	680	674	966	931	89	69	30	30	1,765	1,704
Pennsylvania	460	469	320	314	281	279	5	5	1,066	1,067
East North Central	1,617	1,575	1,469	1,461	1,137	1,076	3	2	4,227	4,114
Illinois	387	340	354	336	226	211	3	2	970	889
Indiana	248	254	199	195	275	253	0	0	723	702
Michigan	338	354	330	351	208	205	0	0	876	910
Ohio	430	415	384	367	276	256	0	0	1,091	1,038
Wisconsin	213	212	201	212	152	150	0	0	567	575
West North Central	749	758	735	720	478	468	0	0	1,962	1,947
Iowa	103	110	85	88	91	96	0	0	280	294
Kansas	105	101	128	121	68	63	0	0	300	285
Minnesota	188	188	181	172	126	131	0	0	495	491
Missouri	218	225	197	199	77	74	0	0	492	498
Nebraska	68	70	68	69	57	57	0	0	193	196
North Dakota	33	31	42	38	43	32	0	0	118	101
South Dakota	34	34	34	33	16	16	0	0	84	82
South Atlantic	2,907	2,869	2,446	2,403	803	772	10	9	6,167	6,052
Delaware	40	37	36	34	17	17	0	0	92	89
District of Columbia	17	16	84	82	2	1	NM	3	106	102
Florida	1,153	1,119	795	758	114	104	1	1	2,063	1,982
Georgia	429	416	379	369	169	158	1	1	978	944
Maryland	231	247	249	254	26	27	4	4	511	532
North Carolina	415	414	349	356	149	154	0	0	913	924
South Carolina	239	234	176	170	152	148	0	0	567	552
Virginia	315	316	328	327	108	100	1	1	753	745
West Virginia	67	69	51	52	66	62	0	0	184	184
East South Central	860	853	735	730	513	497	0	0	2,108	2,080
Alabama	250	253	196	198	169	170	0	0	615	621
Kentucky	169	166	138	139	139	137	0	0	445	443
Mississippi	164	159	130	125	94	84	0	0	387	369
Tennessee	277	274	271	268	113	106	0	0	660	648
West South Central	1,841	1,811	1,402	1,369	847	775	1	1	4,091	3,956
Arkansas	123	127	82	82	81	82	0	NM	286	292
Louisiana	234	249	189	194	158	149	0	0	581	592
Oklahoma	165	159	135	127	78	69	0	0	378	355
Texas	1,319	1,276	995	966	530	475	1	1	2,845	2,718
Mountain	794	735	754	717	466	443	1	1	2,015	1,895
Arizona	290	249	252	235	83	75	0	0	625	558
Colorado	158	162	167	159	92	90	1	1	418	412
Idaho	54	59	38	38	36	35	0	0	129	132
Montana	35	38	41	40	19	18	0	0	95	96
Nevada	107	86	72	72	86	78	0	0	266	236
New Mexico	60	55	77	68	41	40	0	0	178	162
Utah	69	66	77	75	46	49	1	0	193	191
Wyoming	21	21	29	30	61	57	0	0	111	109
Pacific Contiguous	1,408	1,462	2,406	1,896	684	652	8	5	4,506	4,015
California	1,074	1,098	2,083	1,592	520	491	7	5	3,684	3,186
Oregon	133	147	120	114	61	60	0	0	315	321
Washington	202	217	203	190	103	101	0	0	507	508
Pacific Noncontiguous	118	113	138	136	117	114	0	0	372	363
Alaska	33	30	40	36	18	16	0	0	91	83
Hawaii	85	83	98	99	99	98	0	0	281	280
U.S. Total	12,277	12,142	12,348	11,553	5,650	5,468	64	61	30,340	29,223

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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.B. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through October 2014 and 2013 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	7,006	6,385	6,516	5,258	1,797	2,751	41	40	15,359	14,435
Connecticut	2,102	1,919	1,702	1,605	369	363	16	16	4,189	3,903
Maine	585	548	420	397	251	212	0	0	1,255	1,157
Massachusetts	2,895	2,608	3,164	2,109	769	1,780	NM	NM	6,848	6,518
New Hampshire	661	620	540	510	196	187	0	0	1,396	1,316
Rhode Island	457	394	441	389	96	91	3	3	997	876
Vermont	307	297	250	248	117	119	0	0	674	664
Middle Atlantic	18,232	17,665	18,236	17,410	4,716	4,205	412	412	41,597	39,691
New Jersey	3,746	3,821	4,289	4,141	729	667	28	28	8,793	8,658
New York	8,426	8,094	10,417	9,917	957	727	330	329	20,130	19,067
Pennsylvania	6,060	5,750	3,531	3,351	3,029	2,811	54	55	12,674	11,967
East North Central	19,406	18,704	15,189	14,687	11,259	10,722	32	31	45,886	44,144
Illinois	4,351	3,993	3,714	3,385	2,295	2,105	27	27	10,387	9,509
Indiana	3,121	2,967	2,001	1,941	2,669	2,539	2	2	7,793	7,448
Michigan	4,041	4,116	3,460	3,526	2,060	2,007	0	0	9,562	9,649
Ohio	5,388	5,134	3,861	3,703	2,701	2,582	3	2	11,953	11,422
Wisconsin	2,504	2,494	2,152	2,131	1,533	1,489	0	0	6,190	6,115
West North Central	9,894	9,647	7,961	7,634	5,025	4,864	6	3	22,885	22,147
Iowa	1,363	1,341	920	878	1,007	935	0	0	3,290	3,155
Kansas	1,421	1,329	1,334	1,253	696	630	0	0	3,451	3,213
Minnesota	2,263	2,234	1,904	1,813	1,282	1,314	2	2	5,451	5,363
Missouri	3,176	3,107	2,331	2,311	855	875	1	1	6,364	6,294
Nebraska	871	871	703	681	651	650	0	0	2,225	2,201
North Dakota	389	364	418	369	376	307	0	0	1,184	1,040
South Dakota	411	401	350	329	158	152	3	0	921	882
South Atlantic	35,398	32,778	25,189	24,014	8,076	7,596	101	96	68,764	64,484
Delaware	523	495	378	358	168	183	0	0	1,069	1,036
District of Columbia	226	215	884	854	16	12	NM	26	1,153	1,107
Florida	11,986	10,911	7,784	7,296	1,148	1,083	7	7	20,926	19,297
Georgia	5,691	5,211	4,077	3,824	1,775	1,613	11	11	11,554	10,659
Maryland	3,124	2,986	2,830	2,709	293	275	40	38	6,287	6,008
North Carolina	5,473	5,100	3,552	3,455	1,480	1,438	1	0	10,505	9,994
South Carolina	3,195	2,887	1,885	1,761	1,545	1,421	0	0	6,625	6,068
Virginia	4,268	4,073	3,273	3,223	1,026	945	14	13	8,581	8,255
West Virginia	910	899	526	535	626	625	0	0	2,062	2,059
East South Central	11,105	10,285	7,815	7,525	5,535	5,538	0	0	24,456	23,348
Alabama	3,222	2,997	2,088	2,001	1,838	1,744	0	0	7,148	6,742
Kentucky	2,289	2,145	1,489	1,499	1,471	1,684	0	0	5,249	5,328
Mississippi	1,853	1,694	1,271	1,177	970	904	0	0	4,094	3,775
Tennessee	3,742	3,448	2,966	2,849	1,256	1,206	0	0	7,964	7,503
West South Central	20,688	19,422	13,613	13,130	8,426	7,700	9	7	42,735	40,259
Arkansas	1,495	1,467	815	808	839	830	NM	NM	3,149	3,105
Louisiana	2,581	2,469	1,898	1,838	1,632	1,530	1	1	6,112	5,838
Oklahoma	2,004	1,897	1,365	1,288	799	735	0	0	4,168	3,919
Texas	14,608	13,589	9,535	9,196	5,156	4,605	8	6	29,306	27,397
Mountain	9,426	9,333	7,714	7,449	4,823	4,557	12	11	21,975	21,350
Arizona	3,409	3,437	2,588	2,544	791	716	0	0	6,788	6,697
Colorado	1,860	1,852	1,709	1,635	975	936	6	5	4,550	4,428
Idaho	640	644	397	373	515	512	0	0	1,551	1,530
Montana	415	414	395	386	190	187	0	0	1,000	988
Nevada	1,358	1,254	738	706	846	773	1	1	2,943	2,734
New Mexico	700	678	787	746	415	392	0	0	1,902	1,816
Utah	809	820	803	771	517	499	5	5	2,134	2,095
Wyoming	235	232	296	289	574	541	0	0	1,105	1,062
Pacific Contiguous	16,343	16,344	19,870	18,060	6,268	5,941	63	47	42,545	40,392
California	12,225	12,313	16,719	15,055	4,646	4,386	61	45	33,650	31,799
Oregon	1,588	1,522	1,182	1,115	622	587	2	2	3,393	3,226
Washington	2,530	2,509	1,970	1,890	1,001	968	0	0	5,502	5,367
Pacific Noncontiguous	1,124	1,111	1,323	1,282	1,122	1,077	0	0	3,569	3,470
Alaska	322	308	396	360	179	174	0	0	897	842
Hawaii	803	803	927	922	943	903	0	0	2,673	2,628
U.S. Total	148,622	141,674	123,427	116,447	57,047	54,952	676	647	329,771	313,720

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, October 2014 and 2013 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	17.78	16.37	14.03	13.58	10.81	11.50	8.56	12.40	14.75	14.06
Connecticut	20.19	18.61	15.06	14.57	12.38	12.67	9.98	9.90	16.64	15.83
Maine	15.86	14.45	11.84	11.25	7.45	7.57	--	--	11.78	11.33
Massachusetts	16.90	15.63	13.97	13.89	11.79	12.40	NM	13.73	14.55	14.01
New Hampshire	18.08	16.73	13.80	13.38	11.22	11.00	--	--	14.89	14.16
Rhode Island	17.20	14.55	13.33	11.04	12.10	10.04	15.67	13.68	14.56	12.22
Vermont	17.41	17.66	14.54	15.00	9.63	10.01	--	--	14.25	14.64
Middle Atlantic	16.27	15.91	13.17	12.87	7.01	7.17	11.91	12.02	12.76	12.66
New Jersey	15.59	15.54	12.12	12.43	10.07	10.31	10.03	10.54	12.99	13.21
New York	19.42	18.89	15.83	15.19	6.05	6.43	13.49	13.24	15.62	15.49
Pennsylvania	13.42	13.14	9.37	9.13	6.87	6.87	7.35	8.06	9.69	9.58
East North Central	13.33	12.43	9.97	9.58	6.93	6.61	6.98	5.55	9.76	9.29
Illinois	13.14	10.86	8.91	7.98	6.40	5.84	6.76	5.24	9.24	8.09
Indiana	12.00	11.55	10.05	9.67	7.08	6.64	10.93	9.86	9.11	8.74
Michigan	14.72	14.99	10.91	11.11	7.64	7.58	11.70	9.83	10.89	11.06
Ohio	13.00	11.99	9.96	9.36	6.50	6.20	8.07	6.92	9.55	9.01
Wisconsin	14.13	13.92	10.65	10.88	7.48	7.46	--	--	10.43	10.47
West North Central	11.42	11.05	8.95	8.70	6.44	6.38	8.14	8.06	8.84	8.66
Iowa	11.40	11.70	8.41	8.53	5.24	5.69	--	--	7.64	8.03
Kansas	12.73	11.62	10.26	9.47	7.47	6.80	--	--	10.10	9.27
Minnesota	12.47	12.20	9.40	9.38	6.89	6.95	9.19	9.47	9.41	9.33
Missouri	10.59	10.15	8.27	7.96	5.64	5.44	7.01	6.93	8.47	8.19
Nebraska	10.76	10.47	8.83	8.57	6.94	6.96	--	--	8.67	8.54
North Dakota	9.98	9.72	8.53	8.55	8.02	7.20	--	--	8.68	8.37
South Dakota	11.27	10.90	8.80	8.57	7.03	6.97	--	--	9.17	8.98
South Atlantic	12.00	11.56	9.61	9.39	6.60	6.41	8.85	8.33	9.95	9.68
Delaware	14.72	14.04	10.32	10.10	7.68	8.29	--	--	11.05	10.93
District of Columbia	13.21	13.03	12.08	11.89	8.31	6.08	NM	9.32	12.09	11.86
Florida	11.99	11.33	10.00	9.44	8.01	7.53	9.13	8.55	10.86	10.27
Georgia	11.34	11.02	9.86	9.65	6.15	5.81	5.15	6.84	9.41	9.13
Maryland	13.96	13.67	10.85	10.99	8.54	8.28	9.44	8.09	11.87	11.84
North Carolina	11.91	11.78	8.75	8.99	6.48	6.57	7.68	8.24	9.34	9.41
South Carolina	12.62	12.24	9.89	9.52	6.18	5.90	--	--	9.24	8.89
Virginia	11.67	11.22	8.35	8.19	7.11	6.69	8.39	8.46	9.22	8.95
West Virginia	9.70	9.59	8.16	7.99	5.66	6.03	7.53	7.41	7.41	7.63
East South Central	10.97	10.59	10.14	9.83	5.74	5.65	7.83	11.59	8.77	8.57
Alabama	11.78	11.80	10.69	10.70	5.63	5.65	--	--	8.84	8.87
Kentucky	10.39	9.83	9.20	8.77	5.33	5.32	--	--	7.78	7.55
Mississippi	11.54	10.97	10.89	10.27	6.47	5.92	--	--	9.54	9.00
Tennessee	10.37	9.92	9.95	9.65	5.93	5.92	7.83	11.59	9.06	8.84
West South Central	11.38	11.10	8.21	8.13	6.04	5.80	5.09	9.33	8.65	8.50
Arkansas	9.84	9.54	7.99	7.83	5.67	5.62	11.48	NM	7.71	7.59
Louisiana	9.63	9.64	8.93	8.94	5.69	5.89	9.38	9.31	7.93	8.13
Oklahoma	10.74	10.59	8.04	7.93	5.41	5.13	--	--	8.12	7.98
Texas	12.03	11.70	8.13	8.04	6.33	5.92	4.80	9.32	9.00	8.78
Mountain	11.75	11.51	9.78	9.54	6.76	6.61	10.75	10.60	9.43	9.20
Arizona	11.99	12.02	10.11	9.93	6.57	6.88	--	--	10.11	10.12
Colorado	11.74	11.69	10.06	10.00	7.13	7.04	10.24	10.04	9.71	9.66
Idaho	10.24	9.93	7.84	7.70	5.81	5.80	--	--	7.84	7.79
Montana	10.80	10.69	9.97	9.59	5.49	5.48	--	--	8.78	8.70
Nevada	13.22	12.98	10.24	9.65	7.75	7.01	9.79	9.19	10.11	9.36
New Mexico	12.70	11.58	10.48	9.53	6.74	6.38	--	--	9.82	8.97
Utah	10.25	10.10	8.57	8.69	6.32	6.17	11.47	11.56	8.35	8.24
Wyoming	11.17	10.58	9.34	9.15	6.76	6.74	--	--	7.91	7.87
Pacific Contiguous	12.17	13.41	15.32	13.11	9.50	8.70	9.53	8.35	13.04	12.20
California	13.32	15.71	17.63	14.87	13.35	11.86	9.55	8.32	15.45	14.55
Oregon	10.78	10.13	8.92	8.66	6.10	5.87	9.29	9.13	8.77	8.47
Washington	8.83	8.81	7.99	7.79	4.47	4.33	8.41	8.57	7.13	7.03
Pacific Noncontiguous	29.53	29.03	26.56	26.27	26.61	26.24	--	--	27.45	27.06
Alaska	19.86	17.93	17.45	16.03	16.42	14.88	--	--	18.03	16.40
Hawaii	36.41	37.27	33.85	34.31	29.89	30.12	--	--	33.01	33.48
U.S. Total	12.58	12.31	10.87	10.30	6.95	6.80	10.24	10.41	10.35	10.01

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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 October 2014 and 2013 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD	October 2014 YTD	October 2013 YTD
New England	17.68	15.93	14.54	13.94	11.75	12.18	8.63	8.38	15.33	14.31
Connecticut	19.56	17.53	15.36	14.62	12.84	12.66	11.30	10.03	16.86	15.64
Maine	15.23	14.35	12.60	11.58	8.96	8.27	--	--	12.59	11.79
Massachusetts	17.10	15.22	14.46	14.31	12.67	13.13	NM	NM	15.16	14.25
New Hampshire	17.38	16.37	14.33	13.45	11.86	11.37	--	--	15.15	14.28
Rhode Island	17.70	14.88	14.57	12.65	12.79	11.62	14.42	13.11	15.62	13.43
Vermont	17.63	17.13	14.62	14.61	10.15	10.14	--	--	14.64	14.42
Middle Atlantic	16.48	15.79	13.78	13.15	7.71	7.32	12.32	12.27	13.53	13.01
New Jersey	15.84	15.80	13.36	12.90	11.79	10.77	10.76	10.26	14.13	13.79
New York	20.18	18.92	16.31	15.46	6.56	6.50	13.84	13.79	16.42	15.83
Pennsylvania	13.39	12.81	9.70	9.27	7.51	7.02	7.74	7.84	10.33	9.83
East North Central	12.49	12.08	9.89	9.55	6.94	6.60	5.83	5.79	9.73	9.36
Illinois	11.36	10.35	8.76	7.93	6.37	5.77	5.50	5.55	8.86	8.04
Indiana	11.25	10.88	9.80	9.48	6.88	6.59	10.13	9.84	8.96	8.63
Michigan	14.57	14.64	10.96	11.12	7.76	7.85	13.21	9.45	11.14	11.30
Ohio	12.35	12.00	9.76	9.41	6.61	6.11	7.64	6.57	9.63	9.18
Wisconsin	13.95	13.80	10.93	10.92	7.69	7.60	--	--	10.75	10.69
West North Central	11.29	11.11	9.26	9.06	6.82	6.67	9.45	8.93	9.26	9.07
Iowa	11.57	11.27	8.91	8.55	5.93	5.75	--	--	8.42	8.20
Kansas	12.20	11.65	10.10	9.60	7.50	7.11	--	--	10.11	9.64
Minnesota	12.24	12.04	9.72	9.61	7.13	7.08	9.91	9.84	9.72	9.58
Missouri	10.77	10.76	8.96	8.91	6.32	6.28	7.83	8.15	9.22	9.15
Nebraska	10.60	10.49	8.83	8.70	7.40	7.34	--	--	8.91	8.81
North Dakota	9.47	9.22	8.62	8.35	7.77	7.20	--	--	8.57	8.24
South Dakota	10.58	10.36	8.76	8.48	7.08	6.97	10.17	--	9.09	8.88
South Atlantic	11.81	11.41	9.72	9.38	6.79	6.50	8.90	8.64	10.13	9.75
Delaware	13.35	13.01	10.63	10.22	8.69	8.50	--	--	11.36	10.95
District of Columbia	12.85	12.55	12.27	11.91	8.23	6.10	NM	9.54	12.23	11.84
Florida	11.96	11.34	9.94	9.47	8.08	7.70	9.17	8.63	10.85	10.30
Georgia	11.77	11.42	10.33	9.85	6.63	6.16	8.15	8.13	10.07	9.62
Maryland	13.67	13.23	11.26	10.69	9.21	8.38	8.80	8.45	12.18	11.63
North Carolina	11.24	10.95	8.83	8.73	6.52	6.37	7.87	7.89	9.41	9.19
South Carolina	12.32	11.85	10.17	9.79	6.30	5.88	--	--	9.60	9.13
Virginia	11.18	10.98	8.17	8.05	6.95	6.65	8.19	8.11	9.21	9.02
West Virginia	9.36	9.59	7.99	8.20	5.89	6.24	9.02	8.58	7.66	7.94
East South Central	10.79	10.47	10.37	9.83	6.33	6.01	12.38	11.59	9.20	8.75
Alabama	11.60	11.40	10.84	10.58	6.28	6.08	--	--	9.37	9.13
Kentucky	10.08	9.75	9.34	8.45	5.77	5.40	--	--	8.18	7.51
Mississippi	11.35	10.80	10.89	10.16	6.86	6.49	--	--	9.71	9.17
Tennessee	10.37	10.07	10.42	10.05	6.78	6.57	12.38	11.59	9.59	9.27
West South Central	11.09	10.76	8.24	8.14	6.09	5.89	5.31	10.14	8.72	8.52
Arkansas	9.51	9.56	8.04	8.01	5.97	5.93	NM	NM	7.89	7.87
Louisiana	9.57	9.47	9.15	8.97	6.12	5.94	9.40	9.63	8.22	8.07
Oklahoma	10.09	9.80	8.14	7.82	5.68	5.38	--	--	8.22	7.92
Texas	11.78	11.36	8.11	8.04	6.16	5.95	5.04	10.21	9.01	8.80
Mountain	11.82	11.40	9.76	9.42	6.81	6.55	10.54	10.49	9.57	9.25
Arizona	12.12	11.84	10.14	9.98	6.79	6.79	--	--	10.39	10.29
Colorado	12.31	11.93	10.32	9.89	7.45	7.23	10.84	10.56	10.15	9.83
Idaho	9.75	9.35	7.81	7.38	6.50	6.20	--	--	7.93	7.57
Montana	10.32	10.44	9.60	9.52	5.50	5.37	--	--	8.63	8.58
Nevada	12.83	11.79	9.59	8.92	7.40	6.76	9.33	8.52	9.90	9.12
New Mexico	12.46	11.82	10.44	9.83	6.65	6.37	--	--	9.81	9.32
Utah	10.79	10.49	8.74	8.46	6.18	5.99	10.39	10.72	8.51	8.28
Wyoming	10.52	10.18	8.93	8.61	6.63	6.40	--	--	7.78	7.54
Pacific Contiguous	13.66	13.67	13.88	12.90	8.73	8.25	8.90	7.76	12.69	12.16
California	16.15	16.35	15.94	14.73	12.05	11.28	8.90	7.72	15.31	14.66
Oregon	10.48	9.93	8.80	8.40	6.14	5.84	9.20	8.89	8.76	8.34
Washington	8.78	8.67	7.93	7.72	4.33	4.19	8.29	8.26	7.17	7.01
Pacific Noncontiguous	29.75	28.75	26.62	25.44	26.69	26.01	--	--	27.56	26.60
Alaska	19.40	18.18	17.23	15.45	15.96	15.66	--	--	17.66	16.40
Hawaii	37.84	37.00	34.71	34.05	30.59	29.81	--	--	33.94	33.23
U.S. Total	12.54	12.16	10.79	10.34	7.10	6.86	10.32	10.28	10.50	10.13

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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 6.1. Electric Generating Summer Capacity Changes (MW) for Utility Scale Units, September 2014 to October 2014

	As of End of September 2014	Activity During October 2014 as Reported to EIA		As of End of October 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)	61,513.5	174.7	93.3	61,594.9	81.4	1,226.0	2,117.9	988.5	7,051.6	0.0	0.0	988.5	7,051.6	62,583.4	68,646.5
..... *Solar Photovoltaic*	*6,891.8*	*270.3*	*111.1*	*7,179.9*	*288.1*	*2,201.6*	*3,218.8*	*483.6*	*2,455.2*	*0.0*	*0.0*	*483.6*	*2,455.2*	*7,663.5*	*9,635.1*
..... *Solar Thermal without Energy Storage*	*1,112.5*	*0.0*	*0.0*	*1,112.5*	*0.0*	*120.5*	*636.5*	*250.0*	*250.0*	*0.0*	*0.0*	*250.0*	*250.0*	*1,362.5*	*1,362.5*
..... *Solar Thermal with Energy Storage*	*295.4*	*0.0*	*0.0*	*295.4*	*0.0*	*45.4*	*45.4*	*0.0*	*116.0*	*0.0*	*0.0*	*0.0*	*116.0*	*295.4*	*411.4*
..... Solar Subtotal	8,299.7	270.3	111.1	8,587.8	288.1	2,367.5	3,900.7	733.6	2,821.2	0.0	0.0	733.6	2,821.2	9,321.4	11,409.0
..... Conventional Hydroelectric	79,111.8	70.6	7.7	79,174.7	62.9	154.5	298.1	0.0	526.2	0.0	114.2	0.0	412.0	79,174.7	79,586.7
..... *Wood/Wood Waste Biomass*	*8,214.3*	*148.1*	*27.7*	*8,334.7*	*120.4*	*133.4*	*585.1*	*0.0*	*69.5*	*0.0*	*23.0*	*0.0*	*46.5*	*8,334.7*	*8,381.2*
..... *Landfill Gas*	*2,065.9*	*9.9*	*3.9*	*2,071.9*	*6.0*	*100.1*	*115.1*	*0.0*	*20.8*	*0.0*	*9.0*	*0.0*	*11.8*	*2,071.9*	*2,083.7*
..... *Municipal Solid Waste*	*2,230.7*	*0.0*	*0.0*	*2,230.7*	*0.0*	*0.0*	*0.0*	*0.0*	*85.0*	*0.0*	*0.0*	*0.0*	*85.0*	*2,230.7*	*2,315.7*
..... *Other Waste Biomass*	*816.1*	*3.2*	*11.8*	*807.5*	*-8.6*	*-31.7*	*85.3*	*2.8*	*44.2*	*0.0*	*0.0*	*2.8*	*44.2*	*810.3*	*851.7*
..... Biomass Sources Subtotal	13,327.0	161.2	43.4	13,444.8	117.8	201.8	785.5	2.8	219.5	0.0	32.0	2.8	187.5	13,447.6	13,632.3
..... Geothermal	2,668.0	0.0	61.0	2,607.0	-61.0	-81.6	-10.2	1.8	50.8	0.0	0.0	1.8	50.8	2,608.8	2,657.8
... Renewable Sources Subtotal	***164,920.0***	***676.8***	***316.5***	***165,409.2***	***489.2***	***3,868.2***	***7,092.0***	***1,726.7***	***10,669.3***	***0.0***	***146.2***	***1,726.7***	***10,523.1***	***167,135.9***	***175,932.3***
..... *Natural Gas Fired Combined Cycle*	*225,881.8*	*1,589.9*	*1,444.0*	*226,027.7*	*145.9*	*1,149.0*	*1,771.0*	*669.3*	*6,079.1*	*0.0*	*6.0*	*669.3*	*6,073.1*	*226,697.0*	*232,100.8*
..... *Natural Gas Fired Combustion Turbine*	*124,921.7*	*101.5*	*147.4*	*124,875.8*	*-45.9*	*468.9*	*505.9*	*8.8*	*1,433.5*	*0.0*	*1,358.5*	*8.8*	*75.0*	*124,884.6*	*124,950.8*
..... *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*	*78,922.9*	*72.0*	*146.4*	*78,848.5*	*-74.4*	*1,290.5*	*829.8*	*0.0*	*714.0*	*4.2*	*281.8*	*-4.2*	*432.2*	*78,844.3*	*79,280.7*
..... Natural Gas Subtotal	429,836.4	1,763.4	1,737.8	429,862.0	25.6	2,908.4	3,106.7	678.1	8,226.6	4.2	1,646.3	673.9	6,580.3	430,535.9	436,442.3
..... *Conventional Steam Coal*	*300,731.8*	*83.3*	*232.0*	*300,583.1*	*-148.7*	*-4,630.2*	*-5,753.3*	*62.0*	*92.1*	*100.0*	*12,300.0*	*-38.0*	*-12,207.9*	*300,545.1*	*288,375.2*
..... *Coal Integrated Gasification Combined Cycle*	*791.0*	*0.0*	*0.0*	*791.0*	*0.0*	*0.4*	*0.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*791.0*	*791.0*
..... Coal Subtotal	301,522.8	83.3	232.0	301,374.1	-148.7	-4,629.8	-5,752.9	62.0	92.1	100.0	12,300.0	-38.0	-12,207.9	301,336.1	289,166.2
..... Petroleum Coke	2,319.7	0.0	0.0	2,319.7	0.0	-389.6	-389.6	0.0	0.0	0.0	0.0	0.0	0.0	2,319.7	2,319.7
..... Petroleum Liquids	40,575.9	2.2	118.4	40,459.7	-116.2	-2,479.1	-3,011.9	0.0	3.2	9.1	814.3	-9.1	-811.1	40,450.6	39,648.6
..... Other Gases	2,099.4	31.6	63.2	2,067.8	-31.6	126.2	126.2	0.0	0.0	0.0	3.2	0.0	-3.2	2,067.8	2,064.6
... Fossil Fuels Subtotal	***776,354.2***	***1,880.5***	***2,151.4***	***776,083.3***	***-270.9***	***-4,463.9***	***-5,921.5***	***740.1***	***8,321.9***	***113.3***	***14,763.8***	***626.8***	***-6,441.9***	***776,710.1***	***769,641.4***
..... Hydroelectric Pumped Storage	22,411.3	0.0	0.0	22,411.3	0.0	43.0	43.0	0.0	114.0	0.0	0.0	0.0	114.0	22,411.3	22,525.3
..... Flywheels	43.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	43.0
..... Batteries	149.6	0.0	0.0	149.6	0.0	6.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	149.6	149.6
... Energy Storage Subtotal	***22,603.9***	***0.0***	***0.0***	***22,603.9***	***0.0***	***49.8***	***50.8***	***0.0***	***114.0***	***0.0***	***0.0***	***0.0***	***114.0***	***22,603.9***	***22,717.9***
... Nuclear	***99,242.4***	***9.6***	***27.8***	***99,224.2***	***-18.2***	***119.2***	***227.2***	***0.0***	***0.0***	***0.0***	***604.3***	***0.0***	***-604.3***	***99,224.2***	***98,619.9***
... All Other	***2,050.6***	***95.5***	***10.2***	***2,135.9***	***85.3***	***571.8***	***571.8***	***14.0***	***14.0***	***0.0***	***0.0***	***14.0***	***14.0***	***2,149.9***	***2,149.9***
TOTAL	**1,065,171.1**	**2,662.4**	**2,505.9**	**1,065,456.5**	**285.4**	**145.1**	**2,020.3**	**2,480.8**	**19,119.2**	**113.3**	**15,514.3**	**2,367.5**	**3,604.9**	**1,067,824.0**	**1,069,061.4**

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, October 2014 and 2013 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	4,484.3	4,186.9	22,820.4	24,383.8	1,775.4	1,753.4	3.0	3.0	4,630.3	4,630.3	52.9	48.0	33,766.3	35,005.4
Connecticut	331.6	294.7	6,260.5	6,378.2	29.4	29.4	0.0	0.0	2,102.5	2,102.5	30.9	26.0	8,754.9	8,830.8
Maine	1,809.6	1,696.6	2,667.3	2,764.9	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,498.9	4,483.5
Massachusetts	823.2	772.6	9,796.6	11,149.4	1,746.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	13,046.1	14,326.3
New Hampshire	930.5	862.5	2,236.7	2,238.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,413.4	4,347.4
Rhode Island	49.5	29.8	1,759.8	1,752.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,809.3	1,782.6
Vermont	539.9	530.7	99.5	99.8	0.0	0.0	0.0	0.0	604.3	604.3	0.0	0.0	1,243.7	1,234.8
Middle Atlantic	10,097.1	9,688.6	68,968.9	69,235.8	3,341.0	3,321.0	40.0	48.0	19,234.3	19,055.4	11.2	11.2	101,692.5	101,360.0
New Jersey	596.0	481.7	13,589.4	13,927.4	420.0	400.0	0.0	0.0	4,107.5	4,114.5	11.2	11.2	18,724.1	18,934.8
New York	6,638.2	6,445.3	26,440.6	25,914.2	1,400.0	1,400.0	20.0	28.0	5,421.0	5,263.3	0.0	0.0	39,919.8	39,050.8
Pennsylvania	2,862.9	2,761.6	28,938.9	29,394.2	1,521.0	1,521.0	20.0	20.0	9,705.8	9,677.6	0.0	0.0	43,048.6	43,374.4
East North Central	9,259.6	8,797.7	121,262.7	123,674.3	1,872.0	1,871.0	24.0	0.0	18,838.1	18,809.2	109.1	114.1	151,365.5	153,266.3
Illinois	3,718.2	3,715.1	29,800.6	29,852.3	0.0	0.0	0.0	0.0	11,577.5	11,541.0	0.0	5.0	45,096.3	45,113.4
Indiana	1,733.2	1,663.9	25,396.6	25,618.7	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,217.8	27,370.6
Michigan	1,985.0	1,574.3	22,325.2	23,059.6	1,872.0	1,871.0	0.0	0.0	3,929.1	3,936.2	0.0	0.0	30,111.3	30,441.1
Ohio	707.2	755.4	28,836.3	29,922.8	0.0	0.0	24.0	0.0	2,134.0	2,150.0	0.0	0.0	31,701.5	32,828.2
Wisconsin	1,116.0	1,089.0	14,904.0	15,220.9	0.0	0.0	0.0	0.0	1,197.5	1,182.0	21.1	21.1	17,238.6	17,513.0
West North Central	18,541.3	17,734.9	62,149.3	62,223.7	657.0	657.0	1.0	0.0	5,888.0	5,805.0	24.5	23.7	87,261.1	86,444.3
Iowa	5,212.3	5,167.4	10,127.6	10,250.5	0.0	0.0	0.0	0.0	601.4	601.4	0.0	0.0	15,941.3	16,019.3
Kansas	2,990.9	2,733.2	10,147.3	10,185.1	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.8	0.0	14,314.0	14,093.3
Minnesota	3,517.9	3,391.4	10,432.4	10,444.8	0.0	0.0	1.0	0.0	1,673.0	1,594.0	18.4	18.4	15,642.7	15,448.6
Missouri	1,049.2	1,038.1	18,909.1	19,129.6	657.0	657.0	0.0	0.0	1,194.0	1,190.0	0.0	0.0	21,809.3	22,014.7
Nebraska	1,103.5	741.6	6,384.8	6,286.9	0.0	0.0	0.0	0.0	1,244.6	1,244.6	0.0	0.0	8,732.9	8,273.1
North Dakota	2,279.0	2,274.7	4,449.4	4,248.1	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	6,733.7	6,528.1
South Dakota	2,388.5	2,388.5	1,698.7	1,678.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,087.2	4,067.2
South Atlantic	12,471.7	11,844.3	162,050.0	162,203.6	7,905.2	7,905.2	32.0	32.0	24,562.6	24,603.0	930.0	406.0	207,951.5	206,994.1
Delaware	38.3	38.3	3,207.4	3,333.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,245.7	3,371.6
District of Columbia	0.0	0.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	10.0
Florida	1,301.4	1,160.0	54,337.5	53,821.8	0.0	0.0	0.0	0.0	3,572.0	3,700.0	780.0	352.0	59,990.9	59,033.8
Georgia	2,806.6	2,792.9	29,473.5	29,538.7	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	0.0	0.0	38,203.3	38,254.8
Maryland	910.3	902.9	9,582.1	9,618.4	0.0	0.0	0.0	0.0	1,716.0	1,716.0	0.0	0.0	12,208.4	12,237.3
North Carolina	3,012.0	2,658.3	21,939.5	22,029.0	86.0	86.0	0.0	0.0	5,076.1	5,056.0	54.0	54.0	30,167.6	29,883.3
South Carolina	1,769.5	1,726.7	11,974.9	12,134.7	2,716.0	2,716.0	0.0	0.0	6,556.2	6,508.0	0.0	0.0	23,016.6	23,085.4
Virginia	1,747.6	1,693.0	16,162.0	16,306.6	3,241.0	3,241.0	0.0	0.0	3,581.3	3,562.0	96.0	0.0	24,827.9	24,802.6
West Virginia	886.0	872.2	15,364.1	15,411.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,282.1	16,315.3
East South Central	7,929.2	7,941.6	70,865.6	70,955.3	1,616.3	1,616.3	0.0	0.0	9,857.5	9,863.1	151.4	1.4	90,420.0	90,377.7
Alabama	3,889.6	3,948.9	22,917.1	23,333.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	31,850.1	32,325.4
Kentucky	903.4	900.7	20,102.2	20,121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21,005.6	21,021.8
Mississippi	278.2	236.7	14,395.7	14,050.5	0.0	0.0	0.0	0.0	1,413.4	1,419.0	151.4	1.4	16,238.7	15,707.6
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	20,698.2	19,693.2	146,828.6	146,531.3	288.0	288.0	36.0	37.0	8,904.4	8,922.0	425.9	435.9	177,181.1	175,907.4
Arkansas	1,632.6	1,666.5	11,306.3	12,402.8	28.0	28.0	0.0	0.0	1,819.0	1,828.0	0.0	0.0	14,785.9	15,925.3
Louisiana	642.9	571.5	23,257.3	22,647.8	0.0	0.0	0.0	0.0	2,125.4	2,134.0	202.3	207.6	26,227.9	25,560.9
Oklahoma	4,084.3	4,070.7	18,963.9	19,160.6	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	23,308.2	23,491.3
Texas	14,338.4	13,384.5	93,301.1	92,320.1	0.0	0.0	36.0	37.0	4,960.0	4,960.0	223.6	228.3	112,859.1	110,929.9
Mountain	20,263.2	19,637.8	64,784.1	65,127.1	778.8	778.8	2.6	1.8	3,937.0	3,937.0	111.4	111.4	89,877.1	89,593.9
Arizona	4,295.4	4,050.8	19,592.1	20,125.9	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,040.8	28,330.0
Colorado	3,164.0	3,092.1	11,200.8	11,324.9	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,936.6	14,988.8
Idaho	3,775.1	3,762.9	1,137.4	1,133.1	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	4,927.3	4,910.8
Montana	3,393.2	3,401.8	2,911.7	2,913.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,348.9	6,359.5
Nevada	2,171.5	1,936.1	8,684.6	8,559.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,856.1	10,495.8
New Mexico	1,081.7	1,038.6	6,878.9	7,455.9	0.0	0.0	2.6	1.8	0.0	0.0	0.0	0.0	7,963.2	8,496.3
Utah	666.7	641.1	7,629.3	6,959.7	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	8,327.8	7,632.6
Wyoming	1,715.6	1,714.4	6,749.3	6,654.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,476.4	8,380.1
Pacific Contiguous	60,626.6	57,775.6	52,360.5	53,656.0	4,177.6	4,177.6	6.0	0.0	3,372.0	3,372.0	292.9	385.8	120,835.6	119,367.0
California	24,213.4	21,472.1	43,932.7	44,909.1	3,863.6	3,863.6	6.0	0.0	2,240.0	2,240.0	235.6	375.8	74,491.3	72,860.6
Oregon	12,034.5	11,949.0	3,634.9	3,597.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	15,669.9	15,546.2
Washington	24,378.7	24,354.5	4,792.9	5,149.7	314.0	314.0	0.0	0.0	1,132.0	1,132.0	56.8	10.0	30,674.4	30,960.2
Pacific Noncontiguous	1,038.0	1,016.6	3,993.2	4,013.9	0.0	0.0	48.0	63.0	0.0	0.0	26.6	26.6	5,105.8	5,120.1
Alaska	482.6	480.2	1,922.2	1,848.7	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,431.8	2,355.9
Hawaii	555.4	536.4	2,071.0	2,165.2	0.0	0.0	21.0	36.0	0.0	0.0	26.6	26.6	2,674.0	2,764.2
U.S. Total	165,409.2	158,317.2	776,083.3	782,004.8	22,411.3	22,368.3	192.6	184.8	99,224.2	98,997.0	2,135.9	1,564.1	1,065,456.5	1,063,436.2

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, October 2014 and 2013 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	800.9	785.0	232.3	62.0	0.0	0.0	1,952.6	1,957.2	1,498.5	1,382.7	0.0	0.0	4,484.3	4,186.9
Connecticut	0.0	0.0	5.0	0.0	0.0	0.0	122.2	122.2	204.4	172.5	0.0	0.0	331.6	294.7
Maine	430.6	427.6	0.0	0.0	0.0	0.0	726.7	734.4	652.3	534.6	0.0	0.0	1,809.6	1,696.6
Massachusetts	76.1	64.7	204.0	52.1	0.0	0.0	263.0	260.4	280.1	395.4	0.0	0.0	823.2	772.6
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	514.4	513.9	245.1	177.6	0.0	0.0	930.5	862.5
Rhode Island	3.0	1.5	6.9	1.9	0.0	0.0	2.7	2.7	36.9	23.7	0.0	0.0	49.5	29.8
Vermont	120.2	120.2	16.4	8.0	0.0	0.0	323.6	323.6	79.7	78.9	0.0	0.0	539.9	530.7
Middle Atlantic	3,082.2	3,017.7	441.5	321.8	0.0	0.0	5,214.7	5,079.2	1,358.7	1,269.9	0.0	0.0	10,097.1	9,688.6
New Jersey	7.5	7.5	354.5	253.3	0.0	0.0	3.3	3.3	230.7	217.6	0.0	0.0	596.0	481.7
New York	1,730.8	1,636.4	46.2	31.5	0.0	0.0	4,320.2	4,314.4	541.0	463.0	0.0	0.0	6,638.2	6,445.3
Pennsylvania	1,343.9	1,373.8	40.8	37.0	0.0	0.0	891.2	761.5	587.0	589.3	0.0	0.0	2,862.9	2,761.6
East North Central	7,033.4	6,773.4	137.5	62.6	0.0	0.0	930.8	817.2	1,157.9	1,144.5	0.0	0.0	9,259.6	8,797.7
Illinois	3,525.1	3,520.1	31.6	29.0	0.0	0.0	34.1	34.1	127.4	131.9	0.0	0.0	3,718.2	3,715.1
Indiana	1,539.7	1,539.7	71.8	3.5	0.0	0.0	59.5	59.5	62.2	61.2	0.0	0.0	1,733.2	1,663.9
Michigan	1,215.9	874.8	0.0	0.0	0.0	0.0	331.3	237.0	437.8	462.5	0.0	0.0	1,985.0	1,574.3
Ohio	424.1	469.2	34.1	30.1	0.0	0.0	101.7	101.7	147.3	154.4	0.0	0.0	707.2	755.4
Wisconsin	328.6	369.6	0.0	0.0	0.0	0.0	404.2	384.9	383.2	334.5	0.0	0.0	1,116.0	1,089.0
West North Central	14,727.8	14,027.5	9.4	0.0	0.0	0.0	3,292.6	3,283.2	511.5	424.2	0.0	0.0	18,541.3	17,734.9
Iowa	5,047.0	5,005.0	0.0	0.0	0.0	0.0	144.9	147.8	20.4	14.6	0.0	0.0	5,212.3	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	2,893.7	2,842.3	1.7	0.0	0.0	0.0	184.6	176.6	437.9	372.5	0.0	0.0	3,517.9	3,391.4
Missouri	458.5	458.5	7.7	0.0	0.0	0.0	570.3	570.3	12.7	9.3	0.0	0.0	1,049.2	1,038.1
Nebraska	810.0	455.4	0.0	0.0	0.0	0.0	277.8	275.3	15.7	10.9	0.0	0.0	1,103.5	741.6
North Dakota	1,759.2	1,756.9	0.0	0.0	0.0	0.0	510.0	508.0	9.8	9.8	0.0	0.0	2,279.0	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	652.7	347.1	0.0	0.0	7,186.3	7,174.6	3,927.4	3,617.3	0.0	0.0	12,471.7	11,844.3
Delaware	2.0	2.0	28.3	28.3	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	38.3	38.3
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	1,180.5	1,039.1	0.0	0.0	1,301.4	1,160.0
Georgia	0.0	0.0	61.1	3.2	0.0	0.0	2,037.9	2,047.9	707.6	741.8	0.0	0.0	2,806.6	2,792.9
Maryland	120.0	120.0	55.2	49.6	0.0	0.0	590.0	590.0	145.1	143.3	0.0	0.0	910.3	902.9
North Carolina	0.0	0.0	439.2	199.6	0.0	0.0	1,997.0	1,991.7	575.8	467.0	0.0	0.0	3,012.0	2,658.3
South Carolina	0.0	0.0	2.5	0.0	0.0	0.0	1,340.3	1,337.6	426.7	389.1	0.0	0.0	1,769.5	1,726.7
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	866.1	866.2	881.5	826.8	0.0	0.0	1,747.6	1,693.0
West Virginia	583.3	583.3	0.0	0.0	0.0	0.0	300.5	286.7	2.2	2.2	0.0	0.0	886.0	872.2
East South Central	29.1	29.1	13.6	12.8	0.0	0.0	6,721.4	6,719.9	1,165.1	1,179.8	0.0	0.0	7,929.2	7,941.6
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	617.4	676.7	0.0	0.0	3,889.6	3,948.9
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	833.1	831.6	70.3	69.1	0.0	0.0	903.4	900.7
Mississippi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.2	236.7	0.0	0.0	278.2	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	16,178.2	15,311.8	130.3	75.2	0.0	0.0	3,062.2	3,083.2	1,327.5	1,223.0	0.0	0.0	20,698.2	19,693.2
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1,324.2	1,340.7	308.4	325.8	0.0	0.0	1,632.6	1,666.5
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0	192.0	192.0	450.9	379.5	0.0	0.0	642.9	571.5
Oklahoma	3,132.9	3,132.9	0.0	0.0	0.0	0.0	875.2	861.2	76.2	76.6	0.0	0.0	4,084.3	4,070.7
Texas	13,045.3	12,178.9	130.3	75.2	0.0	0.0	670.8	689.3	492.0	441.1	0.0	0.0	14,338.4	13,384.5
Mountain	6,849.2	6,787.9	1,814.4	1,383.1	363.9	319.5	10,564.0	10,551.4	184.8	163.7	486.9	432.2	20,263.2	19,637.8
Arizona	237.3	237.3	1,003.3	803.6	295.4	251.0	2,720.9	2,720.4	38.5	38.5	0.0	0.0	4,295.4	4,050.8
Colorado	2,336.9	2,300.9	120.2	117.6	0.0	0.0	679.5	660.6	27.4	13.0	0.0	0.0	3,164.0	3,092.1
Idaho	962.7	962.7	0.0	0.0	0.0	0.0	2,708.1	2,703.4	94.3	86.8	10.0	10.0	3,775.1	3,762.9
Montana	632.1	627.8	0.0	0.0	0.0	0.0	2,758.1	2,770.2	3.0	3.8	0.0	0.0	3,393.2	3,401.8
Nevada	150.0	150.0	496.1	288.8	68.5	68.5	1,051.4	1,051.4	3.2	3.2	402.3	374.2	2,171.5	1,936.1
New Mexico	797.3	777.5	193.5	171.8	0.0	0.0	82.9	82.9	6.4	6.4	1.6	0.0	1,081.7	1,038.6
Utah	324.4	324.4	1.3	1.3	0.0	0.0	256.0	255.4	12.0	12.0	73.0	48.0	666.7	641.1
Wyoming	1,408.5	1,407.3	0.0	0.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	1,715.6	1,714.4
Pacific Contiguous	11,923.2	11,776.1	3,716.0	1,683.3	1,044.0	406.5	39,809.5	39,770.1	2,056.8	1,997.6	2,077.1	2,142.0	60,626.6	57,775.6
California	5,956.0	5,818.0	3,702.8	1,672.1	1,044.0	406.5	10,125.1	10,150.3	1,326.1	1,300.9	2,059.4	2,124.3	24,213.4	21,472.1
Oregon	3,160.9	3,151.9	12.7	10.7	0.0	0.0	8,515.7	8,454.7	327.5	314.0	17.7	17.7	12,034.5	11,949.0
Washington	2,806.3	2,806.2	0.5	0.5	0.0	0.0	21,168.7	21,165.1	403.2	382.7	0.0	0.0	24,378.7	24,354.5
Pacific Noncontiguous	265.6	263.2	32.2	13.2	0.0	0.0	440.6	440.6	256.6	256.6	43.0	43.0	1,038.0	1,016.6
Alaska	60.0	57.6	0.0	0.0	0.0	0.0	415.6	415.6	7.0	7.0	0.0	0.0	482.6	480.2
Hawaii	205.6	205.6	32.2	13.2	0.0	0.0	25.0	25.0	249.6	249.6	43.0	43.0	555.4	536.4
U.S. Total	61,594.9	59,477.0	7,179.9	3,961.1	1,407.9	726.0	79,174.7	78,876.6	13,444.8	12,659.3	2,607.0	2,617.2	165,409.2	158,317.2

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, October 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	
	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013	October 2014	October 2013
New England	11,720.9	12,194.9	1,111.3	1,223.5	872.3	858.0	2,089.3	2,547.1	0.0	0.0	7,026.6	7,560.3	0.0	0.0	22,820.4	24,383.8
Connecticut	2,504.6	2,511.7	482.2	591.6	63.3	61.2	383.4	383.4	0.0	0.0	2,827.0	2,830.3	0.0	0.0	6,260.5	6,378.2
Maine	1,250.0	1,250.0	297.2	306.0	119.0	119.0	85.0	85.0	0.0	0.0	916.1	1,004.9	0.0	0.0	2,667.3	2,764.9
Massachusetts	5,033.1	5,505.0	328.1	322.1	679.6	667.4	1,087.0	1,544.8	0.0	0.0	2,668.8	3,110.1	0.0	0.0	9,796.6	11,149.4
New Hampshire	1,201.0	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	2,236.7	2,238.7
Rhode Island	1,732.2	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	1,759.8	1,752.8
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.5	99.8	0.0	0.0	99.5	99.8
Middle Atlantic	22,444.5	22,478.6	8,764.8	8,767.0	10,144.4	8,766.3	18,991.8	19,512.7	11.6	11.6	8,511.4	9,599.2	100.4	100.4	68,968.9	69,235.8
New Jersey	5,852.0	5,870.3	4,066.8	4,093.7	670.4	642.9	1,875.8	2,006.6	11.6	11.6	1,112.8	1,302.3	0.0	0.0	13,589.4	13,927.4
New York	8,253.8	8,338.6	3,017.0	3,011.4	7,675.4	7,194.6	2,507.3	2,334.2	0.0	0.0	4,987.1	5,035.4	0.0	0.0	26,440.6	25,914.2
Pennsylvania	8,338.7	8,269.7	1,681.0	1,661.9	1,798.6	928.8	14,608.7	15,171.9	0.0	0.0	2,411.5	3,261.5	100.4	100.4	28,938.9	29,394.2
East North Central	16,274.9	16,838.4	25,837.7	25,731.8	3,518.3	3,430.8	71,195.3	73,005.2	570.1	570.1	2,925.1	3,191.9	941.3	906.1	121,262.7	123,674.3
Illinois	2,965.5	2,976.6	10,305.6	10,314.6	228.0	238.7	15,500.6	15,541.6	0.0	0.0	683.2	663.1	117.7	117.7	29,800.6	29,852.3
Indiana	2,471.2	2,451.9	3,119.6	3,172.6	8.7	6.5	18,648.2	18,686.0	274.0	274.0	268.4	456.4	606.5	571.3	25,396.6	25,618.7
Michigan	4,210.1	4,777.0	3,614.4	3,412.1	3,008.7	2,992.6	10,927.5	11,261.8	47.2	47.2	517.3	568.9	0.0	0.0	22,325.2	23,059.6
Ohio	3,965.2	3,963.8	5,426.7	5,443.1	133.4	57.4	18,092.8	19,204.5	142.0	142.0	859.1	894.9	217.1	217.1	28,836.3	29,922.8
Wisconsin	2,662.9	2,669.1	3,371.4	3,389.4	139.5	135.6	8,026.2	8,311.3	106.9	106.9	597.1	608.6	0.0	0.0	14,904.0	15,220.9
West North Central	5,681.6	5,724.1	11,502.4	11,241.8	3,286.1	3,257.3	37,524.1	37,854.8	32.0	32.0	4,114.7	4,105.3	8.4	8.4	62,149.3	62,223.7
Iowa	1,112.8	1,161.5	1,105.6	1,113.9	299.1	261.4	6,562.3	6,683.4	32.0	32.0	1,015.8	998.3	0.0	0.0	10,127.6	10,250.5
Kansas	0.0	0.0	2,350.7	2,377.8	2,104.2	2,043.0	5,150.1	5,223.0	0.0	0.0	542.3	541.3	0.0	0.0	10,147.3	10,185.1
Minnesota	2,109.2	2,107.2	2,580.4	2,558.4	231.2	278.7	4,705.4	4,696.5	0.0	0.0	806.2	804.0	0.0	0.0	10,432.4	10,444.8
Missouri	1,830.0	1,834.8	3,370.9	3,397.5	230.8	267.4	12,332.4	12,468.5	0.0	0.0	1,145.0	1,161.4	0.0	0.0	18,909.1	19,129.6
Nebraska	339.6	320.6	1,152.2	1,111.6	408.2	394.2	4,170.5	4,145.7	0.0	0.0	314.3	314.8	0.0	0.0	6,384.8	6,286.9
North Dakota	0.0	0.0	248.0	40.0	0.0	0.0	4,128.4	4,141.1	0.0	0.0	64.6	58.6	8.4	8.4	4,449.4	4,248.1
South Dakota	290.0	300.0	694.6	642.6	12.6	12.6	475.0	496.6	0.0	0.0	226.5	226.9	0.0	0.0	1,698.7	1,678.7
South Atlantic	46,196.5	44,804.2	31,682.3	31,521.0	4,677.9	4,030.0	64,418.6	65,872.3	669.8	633.8	14,139.9	15,207.3	265.0	135.0	162,050.0	162,203.6
Delaware	1,196.0	1,130.0	181.0	355.0	876.0	881.9	575.0	726.0	0.0	0.0	114.4	105.4	265.0	135.0	3,207.4	3,333.3
District of Columbia	0.0	0.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	10.0
Florida	25,879.9	25,157.6	8,405.4	7,958.9	2,647.3	2,186.5	10,117.0	10,266.0	586.0	550.0	6,701.9	7,702.8	0.0	0.0	54,337.5	53,821.8
Georgia	7,921.8	7,960.0	7,799.1	7,836.9	155.0	115.0	12,412.1	12,412.1	83.8	83.8	1,101.7	1,130.9	0.0	0.0	29,473.5	29,538.7
Maryland	230.0	230.0	1,459.4	1,488.3	325.8	335.5	4,757.0	4,757.0	0.0	0.0	2,809.9	2,807.6	0.0	0.0	9,582.1	9,618.4
North Carolina	4,706.6	4,075.6	6,035.7	6,068.2	0.0	74.0	10,794.8	11,394.8	0.0	0.0	402.4	416.4	0.0	0.0	21,939.5	22,029.0
South Carolina	2,416.0	2,281.7	2,841.2	2,852.2	110.8	110.8	5,945.5	6,225.5	0.0	0.0	661.4	664.5	0.0	0.0	11,974.9	12,134.7
Virginia	3,846.2	3,969.3	3,877.6	3,877.6	557.4	320.7	5,543.6	5,770.3	0.0	0.0	2,337.2	2,368.7	0.0	0.0	16,162.0	16,306.6
West Virginia	0.0	0.0	1,073.9	1,073.9	5.6	5.6	14,273.6	14,320.6	0.0	0.0	11.0	11.0	0.0	0.0	15,364.1	15,411.1
East South Central	18,338.7	17,804.9	12,829.5	12,865.8	2,725.5	2,865.5	36,667.0	37,122.2	0.0	0.0	205.1	197.1	99.8	99.8	70,865.6	70,955.3
Alabama	9,373.1	9,325.7	2,530.6	2,550.6	178.3	169.1	10,692.7	11,145.3	0.0	0.0	42.6	42.6	99.8	99.8	22,917.1	23,333.1
Kentucky	0.0	0.0	4,812.6	4,828.9	0.0	0.0	15,219.7	15,222.3	0.0	0.0	69.9	69.9	0.0	0.0	20,102.2	20,121.1
Mississippi	7,562.6	7,076.2	1,716.9	1,716.9	2,547.2	2,696.4	2,526.0	2,526.0	0.0	0.0	43.0	35.0	0.0	0.0	14,395.7	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	57,253.9	56,455.9	12,318.6	12,135.5	37,776.5	38,020.0	37,956.7	37,934.3	984.2	1,409.8	198.8	195.9	339.9	379.9	146,828.6	146,531.3
Arkansas	4,630.5	4,660.5	727.6	757.1	813.7	1,824.0	5,122.3	5,144.0	0.0	0.0	12.2	17.2	0.0	0.0	11,306.3	12,402.8
Louisiana	7,053.4	7,324.2	2,640.4	2,406.2	9,068.5	8,434.2	3,437.8	3,427.0	973.6	975.0	49.3	46.9	34.3	34.3	23,257.3	22,647.8
Oklahoma	7,097.5	7,512.5	1,189.9	1,191.9	5,297.0	5,092.5	5,305.1	5,294.4	0.0	0.0	74.4	69.3	0.0	0.0	18,963.9	19,160.6
Texas	38,472.5	36,958.7	7,760.7	7,780.3	22,597.3	22,669.3	24,091.5	24,068.9	10.6	434.8	62.9	62.5	305.6	345.6	93,301.1	92,320.1
Mountain	21,902.5	21,672.5	8,909.8	8,866.5	3,396.2	3,336.6	30,096.0	30,756.4	52.0	52.0	332.7	348.2	94.9	94.9	64,784.1	65,127.1
Arizona	9,806.4	10,418.2	2,367.6	2,353.6	1,177.6	1,106.6	6,150.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	19,592.1	20,125.9
Colorado	2,731.7	2,733.2	2,539.3	2,545.5	353.2	386.0	5,406.8	5,482.3	0.0	0.0	169.8	177.9	0.0	0.0	11,200.8	11,324.9
Idaho	567.5	567.5	543.0	543.0	4.3	0.0	17.2	17.2	0.0	0.0	5.4	5.4	0.0	0.0	1,137.4	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	0.0	2.0	1.5	1.5	2,911.7	2,913.7
Nevada	5,410.5	5,287.2	1,385.6	1,380.6	587.1	587.1	1,295.4	1,293.4	0.0	0.0	6.0	11.4	0.0	0.0	8,684.6	8,559.7
New Mexico	1,456.4	1,465.4	1,035.4	1,036.1	888.7	896.0	3,471.0	4,031.0	0.0	0.0	27.4	27.4	0.0	0.0	6,878.9	7,455.9
Utah	1,830.0	1,201.0	520.2	529.0	325.3	300.9	4,926.0	4,901.0	0.0	0.0	27.8	27.8	0.0	0.0	7,629.3	6,959.7
Wyoming	100.0	0.0	156.6	116.6	6.0	6.0	6,387.5	6,432.4	0.0	0.0	5.8	5.8	93.4	93.4	6,749.3	6,654.2
Pacific Contiguous	25,609.0	25,706.2	11,399.2	11,544.9	12,547.5	13,549.2	2,144.8	2,231.5	0.0	0.0	448.3	413.1	211.7	211.1	52,360.5	53,656.0
California	19,924.0	19,762.1	10,624.2	10,709.9	12,519.9	13,521.6	219.8	306.5	0.0	0.0	433.1	397.9	211.7	211.1	43,932.7	44,909.1
Oregon	2,916.1	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	3,634.9	3,597.2
Washington	2,768.9	3,065.7	641.2	701.2	27.6	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	4,792.9	5,149.7
Pacific Noncontiguous	605.2	577.0	520.2	472.1	13.8	15.0	290.5	290.5	0.0	0.0	2,557.1	2,653.3	6.4	6.0	3,993.2	4,013.9
Alaska	605.2	577.0	520.2	472.1	13.8	15.0	110.5	110.5	0.0	0.0	672.5	674.1	0.0	0.0	1,922.2	1,848.7
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,884.6	1,979.2	6.4	6.0	2,071.0	2,165.2
U.S. Total	226,027.7	224,256.7	124,875.8	124,369.9	78,958.5	78,128.7	301,374.1	307,127.0	2,319.7	2,709.3	40,459.7	43,471.6	2,067.8	1,941.6	776,083.3	782,004.8

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	5109	DTE Electric Company	Electric Utility	Echo Wind Park	MI	58121	GEN1	60.8	Onshore Wind Turbine	WND	WT
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	57313	SolarCity Corporation	IPP	Oregon University System OIT Klamath Falls	OR	58961	PV	2.0	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	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	1	20323	Wellhead Services Inc	IPP	Escondido Power Plant	CA	55538	CTG1	45.0	Natural Gas Fired Combustion Turbine	NG	GT
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	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	58521	University of Wisconsin Oshkosh Foundation	IPP	Oshkosh Foundation Rosedale Biodigester LLC	WI	58555	95100	1.4	Other Waste Biomass	OBG	IC
2014	4	58802	Walpole Solar 2, LLC	IPP	Walpole Solar 2	MA	58936	WLPL1	2.4	Solar Photovoltaic	SUN	PV
2014	5	56979	Adobe Solar LLC	IPP	FRV Cygnus Solar Project	CA	57651	FRV3	20.0	Solar Photovoltaic	SUN	PV
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-1	0.6	Other Waste Biomass	OBG	IC
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-2	0.6	Other Waste Biomass	OBG	IC
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-3	0.6	Other Waste Biomass	OBG	IC
2014	5	221	Alaska Village Elec Coop, Inc	Electric Utility	Togiak	AK	6348	5A	0.8	Petroleum Liquids	DFO	IC
2014	5	58427	Centinela Solar Energy LLC	IPP	Centinela Solar Energy	CA	58430	CSE6	25.6	Solar Photovoltaic	SUN	PV
2014	5	57365	Consolidated Edison Solutions Inc	IPP	Tihonet Solar	MA	58749	TSMA	1.0	Solar Photovoltaic	SUN	PV
2014	5	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	1	26.0	Solar Photovoltaic	SUN	PV
2014	5	58827	Fairfield Wind Master Tenant LLC	IPP	Fairfield Wind	MT	58966	T 1-6	10.0	Onshore Wind Turbine	WND	WT
2014	5	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	2	1.2	Conventional Hydroelectric	WAT	HY

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	5	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	3	1.2	Conventional Hydroelectric	WAT	HY
2014	5	58803	Gardner Solar 1, LLC	IPP	Gardner Solar 1	MA	58937	GRDN1	2.0	Solar Photovoltaic	SUN	PV
2014	5	58465	Green States Energy, Inc.	IPP	HOW GM1	MA	58097	1	3.5	Solar Photovoltaic	SUN	PV
2014	5	8153	Hartford Steam Co	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN4	1.4	Other Natural Gas	NG	FC
2014	5	49893	Invenergy Services LLC	IPP	Prairie Breeze	NE	58322	1	206.5	Onshore Wind Turbine	WND	WT
2014	5	58681	MSM Solar LLC	IPP	Storrie Lake Solar Project	NM	58794	MSMPV	1.5	Solar Photovoltaic	SUN	PV
2014	5	58255	Mass Midstate Solar 1 LLC	IPP	Mass Midstate Solar 1	MA	58279	1	5.0	Solar Photovoltaic	SUN	PV
2014	5	58252	Mass Midstate Solar 2 LLC	IPP	Mass Midstate Solar 2	MA	58276	1	5.0	Solar Photovoltaic	SUN	PV
2014	5	58251	Mass Midstate Solar 3 LLC	IPP	Mass Midstate Solar 3	MA	58275	1	4.0	Solar Photovoltaic	SUN	PV
2014	5	34691	Ormat Nevada Inc	IPP	Heber Solar	CA	58398	1	10.0	Solar Photovoltaic	SUN	PV
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	CT21	178.0	Natural Gas Fired Combined Cycle	NG	CT
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	CT22	178.0	Natural Gas Fired Combined Cycle	NG	CT
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	ST2	273.0	Natural Gas Fired Combined Cycle	NG	CA
2014	5	58579	Silverado Power	IPP	Expressway Solar A	CA	58761	EXSA	2.0	Solar Photovoltaic	SUN	PV
2014	5	58579	Silverado Power	IPP	Expressway Solar B	CA	58762	EXSB	2.0	Solar Photovoltaic	SUN	PV
2014	5	58579	Silverado Power	IPP	Rodeo Solar C2	CA	58751	RSC2	1.5	Solar Photovoltaic	SUN	PV
2014	5	58579	Silverado Power	IPP	Rodeo Solar D2	CA	58752	RSD2	1.5	Solar Photovoltaic	SUN	PV
2014	5	56999	Western Massachusetts Electric Company	Electric Utility	Cottage Street Solar Facility	MA	58568	PV-3	3.2	Solar Photovoltaic	SUN	PV
2014	6	58879	651 Chase Solar NG LLC	IPP	651 Chase Solar NG	MA	59046	PV1	1.0	Solar Photovoltaic	SUN	PV
2014	6	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV1	0.5	Solar Photovoltaic	SUN	PV
2014	6	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV2	0.5	Solar Photovoltaic	SUN	PV
2014	6	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV3	0.5	Solar Photovoltaic	SUN	PV
2014	6	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV4	0.5	Solar Photovoltaic	SUN	PV
2014	6	58567	Blue Renewable Energy IMS, LLC	IPP	Indianapolis Motor Speedway Solar PV	IN	58615	IMS	9.0	Solar Photovoltaic	SUN	PV
2014	6	58894	CF CVEC Owner One LLC	IPP	Katama Farm	MA	59079	KAT1	1.0	Solar Photovoltaic	SUN	PV
2014	6	58894	CF CVEC Owner One LLC	IPP	Nunnepog	MA	59080	NUN1	1.0	Solar Photovoltaic	SUN	PV
2014	6	3370	Channel Energy Center LLC	IPP	Channel Energy Center LLC	TX	55299	CTG3	183.0	Natural Gas Fired Combined Cycle	NG	CT
2014	6	58906	Chauncey Farm	IPP	Chauncey Farm LLC	NC	59100	1	4.9	Solar Photovoltaic	SUN	PV
2014	6	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	2	27.0	Solar Photovoltaic	SUN	PV
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
2014	6	5906	EDF Renewable Services Inc	IPP	Lepomis PV Energy LLC	MA	59085	INV-1	4.5	Solar Photovoltaic	SUN	PV
2014	6	58944	Enerparc CA 1, LLC	IPP	Enerparc CA1 LLC	CA	59122	ECA11	1.5	Solar Photovoltaic	SUN	PV
2014	6	58837	Fairview Farms Solar LLC	IPP	Fairview Farms Solar	MA	58974	PV1	0.8	Solar Photovoltaic	SUN	PV
2014	6	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	1	1.2	Conventional Hydroelectric	WAT	HY
2014	6	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL15	13.9	Solar Photovoltaic	SUN	PV
2014	6	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL18	29.0	Solar Photovoltaic	SUN	PV
2014	6	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL5	25.2	Solar Photovoltaic	SUN	PV
2014	6	58812	GLT Cloverdale Solar LLC	IPP	Cloverdale Solar I	CA	58949	TBD	1.5	Solar Photovoltaic	SUN	PV
2014	6	58598	Mass Solar, LLC	IPP	North Brookfield	MA	58650	PV1	3.0	Solar Photovoltaic	SUN	PV
2014	6	58322	Mile Farm LLC	IPP	Mile Farm	NC	58336	1	5.0	Solar Photovoltaic	SUN	PV
2014	6	56990	NJR Clean Energy Ventures Corporation	IPP	Two Dot Wind Farm	MT	59003	1	9.7	Onshore Wind Turbine	WND	WT
2014	6	58655	Orion Solar II, LLC	IPP	Orion Solar II	CA	58721	ORION	8.0	Solar Photovoltaic	SUN	PV
2014	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	10A	122.0	Conventional Hydroelectric	WAT	HY
2014	6	58388	Pantex (NNSA)	Commercial	Pantex	TX	58404	1	11.5	Onshore Wind Turbine	WND	WT
2014	6	58738	Sigmon Catawba Farm LLC	IPP	Sigmon Catawba Farm	NC	58861	1	5.0	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar A2	CA	58753	SSA2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar B2	CA	58754	SSB2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar C2	CA	58755	SSC2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58518	Sol Orchard Community, LLC	IPP	Community Solar 1	CA	58545	1	5.7	Solar Photovoltaic	SUN	PV
2014	6	58996	Soluga Farms 1 LLC	IPP	Soluga Farms 1	NC	59191	1	5.0	Solar Photovoltaic	SUN	PV
2014	6	58916	Springfield Solar 1 LLC	IPP	Springfield Solar 1 LLC	MO	59110	1	4.9	Solar Photovoltaic	SUN	PV
2014	6	58418	State Fair Community College	IPP	Missouri Center for Waste to Energy	MO	58421	420	1.4	Landfill Gas	LFG	IC
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN10	2.0	Other Natural Gas	NG	IC
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN7	2.0	Other Natural Gas	NG	IC
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN8	2.0	Other Natural Gas	NG	IC
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN9	2.0	Other Natural Gas	NG	IC
2014	7	58748	Clean Energy LLC	Electric CHP	Reventure Park	NC	58865	LFG	1.9	Landfill Gas	LFG	IC
2014	7	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	3	26.0	Solar Photovoltaic	SUN	PV
2014	7	5906	EDF Renewable Services Inc	IPP	EDF Lancaster	MA	59140	INV-1	4.5	Solar Photovoltaic	SUN	PV
2014	7	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind II	TX	58774	GEN1	161.0	Onshore Wind Turbine	WND	WT
2014	7	361	Industrial Energy Applications Inc	IPP	Alliant SBD 9201 Norplex	IA	54712	0002	1.0	Petroleum Liquids	DFO	IC
2014	7	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS21	59.0	Solar Photovoltaic	SUN	PV
2014	7	56990	NJR Clean Energy Ventures Corporation	IPP	West Pemberton	NJ	59186	PV1	7.0	Solar Photovoltaic	SUN	PV
2014	7	56545	Pattern Operators LP	IPP	Pattern Panhandle Wind LLC	TX	58242	1	218.0	Onshore Wind Turbine	WND	WT
2014	7	58593	Sequoia PV 1 LLC	IPP	Farmersville	CA	59203	PV1	1.5	Solar Photovoltaic	SUN	PV
2014	7	58593	Sequoia PV 1 LLC	IPP	Farmersville	CA	59203	PV2	1.5	Solar Photovoltaic	SUN	PV
2014	7	58593	Sequoia PV 1 LLC	IPP	Farmersville	CA	59203	PV3	1.5	Solar Photovoltaic	SUN	PV
2014	7	59004	Sequoia PV 3 LLC	IPP	Porterville 6 and 7	CA	59219	PV1	3.0	Solar Photovoltaic	SUN	PV
2014	7	59004	Sequoia PV 3 LLC	IPP	Porterville 6 and 7	CA	59219	PV2	3.0	Solar Photovoltaic	SUN	PV
2014	7	58579	Silverado Power	IPP	Summer Solar D2	CA	58756	SSD2	1.0	Solar Photovoltaic	SUN	PV
2014	7	58915	Spicewood Solar Farm LLC	IPP	Spicewood Solar Farm LLC	NC	59109	1	5.0	Solar Photovoltaic	SUN	PV
2014	7	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC1	3.0	Petroleum Liquids	DFO	IC
2014	7	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC2	3.0	Petroleum Liquids	DFO	IC
2014	7	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC3	4.0	Petroleum Liquids	DFO	IC
2014	7	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC4	4.0	Petroleum Liquids	DFO	IC
2014	7	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	1	1.6	Landfill Gas	LFG	IC
2014	7	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	2	1.6	Landfill Gas	LFG	IC
2014	7	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	3	1.6	Landfill Gas	LFG	IC
2014	7	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	4	1.6	Landfill Gas	LFG	IC
2014	7	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	5	1.6	Landfill Gas	LFG	IC
2014	7	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	6	1.6	Landfill Gas	LFG	IC
2014	7	58705	Washington Gas Energy Systems	IPP	Cogenra - TEP	AZ	58832	CTEP	1.0	Solar Photovoltaic	SUN	PV
2014	8	58989		IPP	Hesperia	CA	59182	10-94	1.5	Solar Photovoltaic	SUN	PV
2014	8	58894	CF CVEC Owner One LLC	IPP	Harwich Landfill	MA	59078	HAR1	4.0	Solar Photovoltaic	SUN	PV
2014	8	58540	California PV Energy LLC	IPP	California PV Energy at ISD WWTP	CA	59283	W4236	1.0	Solar Photovoltaic	SUN	PV
2014	8	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	4	28.0	Solar Photovoltaic	SUN	PV
2014	8	56615	First Solar Energy LLC	IPP	AV Solar Ranch One	CA	57378	AVSR	230.0	Solar Photovoltaic	SUN	PV
2014	8	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL6	25.2	Solar Photovoltaic	SUN	PV
2014	8	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL7	20.2	Solar Photovoltaic	SUN	PV
2014	8	49893	Invenergy Services LLC	IPP	Miami Wind Energy Center	TX	58765	1	288.6	Onshore Wind Turbine	WND	WT
2014	8	10071	Kauai Island Utility Cooperative	Electric Utility	KRS II Koloa Solar	HI	58640	KOLPV	12.0	Solar Photovoltaic	SUN	PV
2014	8	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	CT-1	162.0	Natural Gas Fired Combined Cycle	NG	CT
2014	8	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	CT-2	162.0	Natural Gas Fired Combined Cycle	NG	CT
2014	8	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	STG	186.0	Natural Gas Fired Combined Cycle	NG	CA
2014	8	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1A	201.0	Natural Gas Fired Combined Cycle	NG	CT
2014	8	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1B	201.0	Natural Gas Fired Combined Cycle	NG	CT
2014	8	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1C	294.4	Natural Gas Fired Combined Cycle	NG	CA
2014	8	12199	Montana-Dakota Utilities Co	Electric Utility	R M Heskett	ND	2790	3	88.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	8	58730	Nash 64 Farm LLC	IPP	Nash 64 Farm	NC	58855	1	5.0	Solar Photovoltaic	SUN	PV
2014	8	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
2014	8	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
2014	8	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
2014	8	58817	Rockville Solar II, LLC	IPP	Rockville Solar II, LLC	IN	58953	RVSII	2.7	Solar Photovoltaic	SUN	PV
2014	8	59104	Sequoia PV 2, LLC	IPP	Hanford 1 and 2	CA	59300	HAN1	1.5	Solar Photovoltaic	SUN	PV
2014	8	59104	Sequoia PV 2, LLC	IPP	Hanford 1 and 2	CA	59300	HAN2	1.5	Solar Photovoltaic	SUN	PV
2014	8	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	1	4.0	Landfill Gas	LFG	GT
2014	8	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	2	4.0	Landfill Gas	LFG	GT

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	8	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	3	4.0	Landfill Gas	LFG	GT
2014	8	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	4	4.0	Landfill Gas	LFG	GT
2014	8	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	5	4.0	Landfill Gas	LFG	GT
2014	8	58995	Vickers Farm LLC	IPP	Vickers	NC	59190	1	2.0	Solar Photovoltaic	SUN	PV
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN10	1.6	Landfill Gas	LFG	IC
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN11	1.6	Landfill Gas	LFG	IC
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN12	1.6	Landfill Gas	LFG	IC
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN9	1.6	Landfill Gas	LFG	IC
2014	8	57081	Washington Gas Energy Systems, Inc.	IPP	Sacramento (SMUD)	CA	59323	SMUPV	1.5	Solar Photovoltaic	SUN	PV
2014	9	56702	510 REPP One LLC	IPP	510 REPP One	NC	57363	1	1.3	Solar Photovoltaic	SUN	PV
2014	9	59174	CD US Solar MT3, LLC	IPP	Shaffer	MA	59396	SHF01	5.0	Solar Photovoltaic	SUN	PV
2014	9	58894	CF CVEC Owner One LLC	IPP	Barnstable Landfill	MA	59081	HAR1	4.0	Solar Photovoltaic	SUN	PV
2014	9	58894	CF CVEC Owner One LLC	IPP	Brewster Landfill	MA	59075	BRE1	1.0	Solar Photovoltaic	SUN	PV
2014	9	58894	CF CVEC Owner One LLC	IPP	Chatham Landfill	MA	59077	CHA	1.5	Solar Photovoltaic	SUN	PV
2014	9	58894	CF CVEC Owner One LLC	IPP	Dennis Landfill	MA	59082	DEN1	5.0	Solar Photovoltaic	SUN	PV
2014	9	56769	Consolidated Edison Development Inc.	IPP	White River Solar 2	CA	58973	W2CA	19.8	Solar Photovoltaic	SUN	PV
2014	9	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	5	25.0	Solar Photovoltaic	SUN	PV
2014	9	58740	Erwin Farm LLC	IPP	Erwin Farm	NC	58859	1	5.0	Solar Photovoltaic	SUN	PV
2014	9	56990	NJR Clean Energy Ventures Corporation	IPP	Jacobstown	NJ	59185	PV1	5.0	Solar Photovoltaic	SUN	PV
2014	9	26616	North Slope Borough Power & Light	Electric Utility	NSB Point Hope Utility	AK	7485	PG1A	1.0	Petroleum Liquids	DFO	IC
2014	9	58477	O2energies, Inc.	IPP	Biscoe Solar LLC	NC	58667	BISCO	5.0	Solar Photovoltaic	SUN	PV
2014	9	58477	O2energies, Inc.	IPP	Selma Solar LLC	NC	58669	SELMA	5.0	Solar Photovoltaic	SUN	PV
2014	9	58477	O2energies, Inc.	IPP	Turkey Branch Solar LLC	NC	58670	TURKY	5.0	Solar Photovoltaic	SUN	PV
2014	9	58726	Oakboro Farm LLC	IPP	Oakboro Farm	NC	58851	1	5.0	Solar Photovoltaic	SUN	PV
2014	9	58997	Soluga Farms 2 LLC	IPP	Soluga Farms 2 LLC	NC	59192	1	5.0	Solar Photovoltaic	SUN	PV
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	01	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	02	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	03	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	04	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	05	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	06	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	07	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	08	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	09	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	10	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	11	9.0	Other Natural Gas	NG	IC
2014	9	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	12	9.0	Other Natural Gas	NG	IC
2014	9	58825	WE 90 Technology Drive LLC	IPP	Technology Drive Solar	VT	58964	PV1	2.0	Solar Photovoltaic	SUN	PV
2014	10	58926	Anderson Farm LLC	IPP	Anderson Farm LLC	NC	59115	1	1.9	Solar Photovoltaic	SUN	PV
2014	10	803	Arizona Public Service Co	Electric Utility	Gila Bend	AZ	59020	PV1	32.0	Solar Photovoltaic	SUN	PV
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
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
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01C	20.0	Natural Gas Fired Combined Cycle	NG	CA
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
2014	10	58841	Broken Bow Wind II, LLC	IPP	Broken Bow Wind II, LLC	NE	58981	BBII	73.1	Onshore Wind Turbine	WND	WT
2014	10	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	6	26.0	Solar Photovoltaic	SUN	PV
2014	10	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	7	26.0	Solar Photovoltaic	SUN	PV
2014	10	58908	Dragstrip Farm LLC	IPP	Dragstrip Farm	NC	59102	1	5.0	Solar Photovoltaic	SUN	PV
2014	10	58883	ERWR Whitcomb Farm Solar LLC	IPP	Whitcomb Solar Farm	VT	59049	PS01	2.2	Solar Photovoltaic	SUN	PV
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
2014	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL19	25.2	Solar Photovoltaic	SUN	PV
2014	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL8	18.9	Solar Photovoltaic	SUN	PV
2014	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL9	22.7	Solar Photovoltaic	SUN	PV
2014	10	49893	Invenergy Services LLC	IPP	Spring Canyon II Wind Energy Center	CO	58769	1	34.0	Onshore Wind Turbine	WND	WT
2014	10	11208	Los Angeles Department of Water & Power	Commercial	VA Sepulveda Ambulatory Care Center	CA	58249	GEN1	3.5	Solar Photovoltaic	SUN	PV
2014	10	58911	Market Farm LLC	IPP	Market Farm	NC	59105	1	4.9	Solar Photovoltaic	SUN	PV
2014	10	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS13	57.0	Solar Photovoltaic	SUN	PV
2014	10	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS15	14.6	Solar Photovoltaic	SUN	PV
2014	10	59139	SunEdison LLC	IPP	SCE-Snowline-Duncan Road (North)	CA	59359	10400	1.5	Solar Photovoltaic	SUN	PV
2014	10	59139	SunEdison LLC	IPP	SCE-Snowline-Duncan Road (South)	CA	59360	11113	1.0	Solar Photovoltaic	SUN	PV
2014	10	58494	WSACC	IPP	WSACC Power Generation Facility	NC	58518	1	0.8	Other Waste Biomass	SLW	ST
2014	10	59044	Windthorst-2 LLC	IPP	Windthorst-2	TX	59238	WND2	67.6	Onshore Wind Turbine	WND	WT

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
2014	5	9384	International Paper Co-Courtld	Industrial	International Paper Courtland Mill	AL	50245	ABB	62.0	Wood/Wood Waste Biomass	BLQ	ST
2014	5	9384	International Paper Co-Courtld	Industrial	International Paper Courtland Mill	AL	50245	GE	27.0	Wood/Wood Waste Biomass	BLQ	ST
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	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	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	91	46.6	Petroleum Liquids	DFO	GT
2014	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	92	47.3	Petroleum Liquids	DFO	GT
2014	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	93	46.8	Petroleum Liquids	DFO	GT
2014	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	94	46.0	Petroleum Liquids	DFO	GT
2014	7	18587	Sierra Power Corp	Industrial	Sierra Power	CA	50068	WEST	0.0	Wood/Wood Waste Biomass	WDS	ST
2014	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	1	111.0	Conventional Steam Coal	BIT	ST
2014	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	2	111.0	Conventional Steam Coal	BIT	ST
2014	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	4	111.0	Conventional Steam Coal	BIT	ST
2014	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	6	111.0	Conventional Steam Coal	BIT	ST
2014	8	34362	Delaware Mountain LP	IPP	Delaware Mountain Windfarm	TX	55399	01	23.3	Onshore Wind Turbine	WND	WT
2014	8	55793	Fusion Paperboard Connecticut LLC	Industrial	Versailles Mill	CT	54657	NO1	14.0	Other Natural Gas	NG	ST
2014	8	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	9	21.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9	103.8	Conventional Hydroelectric	WAT	HY
2014	9	56207	Ausra CA I LLC	IPP	Ausra Kimberlina Solar Generation	CA	56943	1	3.5	Solar Thermal without Energy Storage	SUN	ST
2014	9	4716	Dairyland Power Coop	Electric Utility	Alma	WI	4140	4	40.4	Conventional Steam Coal	BIT	ST
2014	9	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	5	238.0	Conventional Steam Coal	BIT	ST
2014	9	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	6	414.0	Conventional Steam Coal	BIT	ST
2014	9	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	7	38.0	Conventional Steam Coal	SUB	ST
2014	9	58185	FirstLight Power Resources, Inc. - MA	IPP	Mount Tom	MA	1606	1	143.6	Conventional Steam Coal	BIT	ST
2014	9	26642	PE Bay Shore LLC	Electric CHP	Entenmanns Energy Center	NY	54541	1	1.3	Other Natural Gas	NG	IC
2014	9	26642	PE Bay Shore LLC	Electric CHP	Entenmanns Energy Center	NY	54541	2	1.3	Other Natural Gas	NG	IC
2014	9	26642	PE Bay Shore LLC	Electric CHP	Entenmanns Energy Center	NY	54541	3	1.3	Other Natural Gas	NG	IC
2014	9	26642	PE Bay Shore LLC	Electric CHP	Entenmanns Energy Center	NY	54541	4	1.3	Petroleum Liquids	DFO	IC
2014	10	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	45	0.3	Other Natural Gas	NG	FC
2014	10	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	47	0.3	Other Natural Gas	NG	FC
2014	10	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	50	0.3	Other Natural Gas	NG	FC
2014	10	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	51	0.3	Other Natural Gas	NG	FC
2014	10	4716	Dairyland Power Coop	Electric Utility	Alma	WI	4140	5	62.1	Conventional Steam Coal	BIT	ST
2014	10	55919	Georgia-Pacific Consr Prods LP-Green Bay	Industrial	Green Bay West Mill	WI	10360	GEN10	26.4	Conventional Steam Coal	BIT	ST
2014	10	55919	Georgia-Pacific Consr Prods LP-Green Bay	Industrial	Green Bay West Mill	WI	10360	GEN5	7.5	Conventional Steam Coal	BIT	ST
2014	10	16002	Rio Bravo Poso	Electric CHP	Rio Bravo Poso	CA	10769	UP8	33.0	Conventional Steam Coal	BIT	ST
2014	10	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN1	14.0	Natural Gas Fired Combined Cycle	NG	CT
2014	10	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN2	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	10	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN4	10.0	Other Gases	OG	CA
2014	10	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN5	10.0	Other Gases	OG	CA
2014	10	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN6	10.0	Other Gases	OG	ST
2014	10	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN7	10.0	Other Gases	OG	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	11	59205	Baker Station Associates, LP	IPP	Baker Creek Hydroelectric	CA	59428	GENE1	1	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2014	11	59205	Baker Station Associates, LP	IPP	Baker Creek Hydroelectric	CA	59428	GENE2	0.0	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2014	11	57421	BayWa r.e Wind LLC	IPP	Anderson Wind I	NM	58939	AND1	5.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	57421	BayWa r.e Wind LLC	IPP	Anderson Wind II	NM	58940	AND2	10.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	58818	BearPond Solar Center LLC	IPP	BearPond Solar Center LLC	NC	58955	BEAR	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58785	Beebe 1B Renewable Energy, LLC	IPP	Beebe 1B	MI	58908	1	50.4	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	58712	Bethel Price Solar, LLC	NC	Bethel Price Solar, LLC	NC	58943	1	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	59174	CD US Solar MT3, LLC	IPP	LandPro-1	CA	59397	SNL17	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	59174	CD US Solar MT3, LLC	IPP	LandPro-2	CA	59398	SNL18	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	59174	CD US Solar MT3, LLC	IPP	LandPro-3	CA	59399	SNL19	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58976	Clenera Renewable Energy LLC	IPP	Lancaster Solar 1	CA	59167	LS1	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58976	Clenera Renewable Energy LLC	IPP	Lancaster Solar 2	CA	59169	LS2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	4254	Consumers Energy Co	Electric Utility	Cross Winds Energy Park	MI	58830	CWEP	111.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation
2014	11	59163	DESRI V LA County Solar, LLC	IPP	Capeline Solar	CA	59400	CAP1	0.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	59163	DESRI V LA County Solar, LLC	IPP	LAX Solar	CA	59403	LAX1	0.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	59163	DESRI V LA County Solar, LLC	IPP	Layline Solar	CA	59401	LAY1	0.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	59163	DESRI V LA County Solar, LLC	IPP	Van Nuys Solar	CA	59402	VAN1	0.7	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	5089	Des Moines Metro WRF	Commercial	Des Moines Wastewater Reclamation Fac	IA	50932	72-04	1.4	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	11	5089	Des Moines Metro WRF	Commercial	Des Moines Wastewater Reclamation Fac	IA	50932	72-05	1.4	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	11	58816	Dessie Solar Center LLC	IPP	Dessie Solar Center LLC	NC	58952	DESS	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58713	Dogwood Solar, LLC	IPP	Dogwood Solar, LLC	NC	58944	1	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58468	Dominion Renewable Energy	IPP	Selmer Farm LLC	TN	59188	PV1	15.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58970	Ecoplexus, Inc	IPP	Mesa PV1	CO	59199	MESA1	1.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58970	Ecoplexus, Inc	IPP	Sterling PV 3	CO	59198	STER3	1.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	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	11	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ5	166.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	59129	Foundation CA Fund VII Manager, LLC	Industrial	Anheuser-Busch #2	CA	59331	ANB2	1.6	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation
2014	11	59129	Foundation CA Fund VII Manager, LLC	IPP	City of Soledad Water Reclamation Facility	CA	59329	SOL1	1.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation
2014	11	59129	Foundation CA Fund VII Manager, LLC	IPP	Taylor Farms	CA	59330	TAY1	1.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation
2014	11	7570	Great River Energy	Electric Utility	Spiritwood Station	ND	56786	1	62.0	Conventional Steam Coal	LIG	ST	(TS) Construction complete, but not yet in commercial operation
2014	11	49893	Invenergy Services LLC	IPP	Marsh Hill Wind Farm	NY	58768	1	16.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	58975	Jakana Solar	IPP	Jakana Solar	NC	59170	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN1	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2014	11	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN2	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2014	11	57503	Limon	IPP	Limon III Wind LLC	CO	59083	WT1	200.6	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2014	11	59089	Merced Solar LLC	IPP	Merced Solar LLC	CA	59265	PV8	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	59090	Mission Solar LLC	IPP	Mission Solar LLC	CA	59267	PV9	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	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	11	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	11	56990	NJR Clean Energy Ventures Corporation	IPP	Rock Solid	NJ	59319	ROCK1	8.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	59115	NextEra Energy Seiling Wind	IPP	Seiling Wind I	OK	59311	SEIL1	199.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	58489	OCI Solar Power	IPP	OCI Alamo 3 LLC	TX	59204	OCIA3	5.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58489	OCI Solar Power	IPP	OCI Alamo 4, LLC	TX	58717	1	39.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	(V) Under construction, more than 50 percent complete
2014	11	56990	Regulus Solar, LLC	IPP	Regulus Solar Project	CA	57650	FRV4	60.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58749	Rentech Nitrogen Pasadena LLC	Electric CHP	Rentech Nitrogen Pasadena Cogeneration	TX	58870	MC202	14.0	All Other	WH	ST	(TS) Construction complete, but not yet in commercial operation
2014	11	58579	Silverado Power	IPP	Expressway Solar C2	CA	58763	EXSC2	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58579	Silverado Power	IPP	Lancaster Dry Farm Ranch B	CA	58750	LDFRB	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58579	Silverado Power	IPP	Summer North Solar	CA	58757	UE2	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58579	Silverado Power	IPP	Summer North Solar	CA	58757	UF2	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58579	Silverado Power	IPP	Summer North Solar	CA	58757	UG2	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58579	Silverado Power	IPP	Summer North Solar	CA	58757	UH2	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58579	Silverado Power	IPP	Western Antelope Blue Sky Ranch A	CA	58626	WABSA	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	57331	Soitec Solar Development LLC	IPP	Desert Green Solar Farm LLC	CA	57959	1	6.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	1	211.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	59139	SunEdison LLC	IPP	SCE-Snowline-White Rd (Central)	CA	59423	10402	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	59139	SunEdison LLC	IPP	SCE-Snowline-White Road (North)	CA	59422	10401	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	59139	SunEdison LLC	IPP	SCE-Snowline-White Road (South)	CA	59421	11111	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	18260	Surprise Valley Electrification	Electric Utility	Paisley Geothermal Generating Plant	OR	59382	SVEP1	1.8	Geothermal	GEO	ST	(TS) Construction complete, but not yet in commercial operation
2014	11	59122	The Medical Center Company	IPP	MCCo Solar Generating Facility	OH	59324	MCCO1	0.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	E101	193.0	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
2014	11	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	E102	193.0	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
2014	11	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	STG1	283.3	Natural Gas Fired Combined Cycle	NG	CA	(TS) Construction complete, but not yet in commercial operation
2014	11	58716	Windsor Cooper Hill Solar, LLC	IPP	Windsor Cooper Hill Solar, LLC	NC	58847	1	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58661	sPower	IPP	Lancaster Little Rock	CA	59262	LLRC	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58661	sPower	IPP	Victor Mesa Linda B2	CA	59269	VMLB2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58661	sPower	IPP	Victor Mesa Linda C2	CA	59270	VMLC2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58661	sPower	IPP	Victor Mesa Linda D2	CA	59271	VMLD2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58661	sPower	IPP	Victor Mesa Linda E2	CA	59272	VMLE2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	59050	Algonquin Power Co	IPP	Algonquin SKIC20 Solar LLC	CA	59412	SKI20	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV1	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV2	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV3	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV4	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV5	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV6	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV7	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV8	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV9	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV1	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV10	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV2	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV3	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV4	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV5	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV6	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV7	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV8	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV9	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58262	Belectric Inc	IPP	Zuni Solar 1	CA	58285	ZNPV	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58262	Belectric Inc	IPP	Zuni Solar 2	CA	58286	ZSPV	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	59185	CD US Solar PO 3, LLC	IPP	Madelyn Solar, LLC	CA	59409	SNL17	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	59185	CD US Solar PO 3, LLC	IPP	Mitchell Solar, LLC	CA	59411	SNL18	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	59185	CD US Solar PO 3, LLC	IPP	Rudy Solar, LLC	CA	59410	SNL19	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58976	Clenera Renewable Energy LLC	IPP	Avalon Solar	AZ	59168	AS	29.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	3	26.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB1	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete
2014	12	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB2	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete
2014	12	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB3	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	Corcoran Irrigation District Solar	CA	59183	PV1	19.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	Mulberry Farm LLC	TN	59184	PV1	15.8	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

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	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	(V) Under construction, more than 50 percent complete
2014	12	5906	EDF Renewable Services Inc	IPP	TX Hereford Wind	TX	58773	GEN1	200.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	12	58970	Ecoplexus, Inc	IPP	Carter PV1	NC	59156	CTR1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58970	Ecoplexus, Inc	IPP	Langley PV1	NC	59158	LNG1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58970	Ecoplexus, Inc	IPP	Pecan PV1	NC	59157	PEC1	5.0	Solar Photovoltaic	SUN	PV	(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	(V) Under construction, more than 50 percent complete
2014	12	49932	Enel North America, Inc.	IPP	Courtenay Wind Farm	ND	58658	1	200.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	12	49932	Enel North America, Inc.	IPP	South Fork Wind Farm	MN	58691	STFK1	13.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58523	Enerdyne Power Systems Inc	IPP	Black Oak Power Producers, LLC	MO	59310	GEN1	1.9	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation
2014	12	58523	Enerdyne Power Systems Inc	IPP	Black Oak Power Producers, LLC	MO	59310	GEN2	1.9	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation
2014	12	58523	Enerdyne Power Systems Inc	IPP	Onslow Energy	NC	59036	GEN 1	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6A	168.2	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
2014	12	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6B	168.2	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
2014	12	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6C	224.7	Natural Gas Fired Combined Cycle	NG	CA	(TS) Construction complete, but not yet in commercial operation
2014	12	56615	First Solar Energy LLC	IPP	Barilla Solar	TX	58710	BRLA	30.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	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	12	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	12	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	12	58784	Fourmile Wind Energy, LLC	IPP	Fourmile Ridge	MD	58904	1	40.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	12	6915	Galena Electric Utility	Electric Utility	Galena Electric Utility	AK	7437	2A	0.3	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete
2014	12	58503	Garnet Solar Power Station 1 LLC	IPP	Garnet Solar Power Station 1 LLC	CA	58528	WDT44	4.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	12	58810	Geenex LLC	IPP	HXOap Solar One	NC	58943	1	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
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	58819	Graham Solar Center LLC	IPP	Graham Solar Center LLC	NC	58957	GRAH	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	59209	Half Moon Ventures, LLC	IPP	Duke Building 129	IN	59434	DU129	3.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	59209	Half Moon Ventures, LLC	IPP	Duke Building 87	IN	59432	DUK87	2.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	59209	Half Moon Ventures, LLC	IPP	Duke Building 98	IN	59433	DUK98	2.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58412	Headwaters Wind Farm LLC	IPP	Headwaters Wind Farm LLC	IN	58416	1	200.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 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	Harrell's Hill Solar Center LLC	NC	59337	HHS1	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	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	12	59091	Hollister Solar LLC	IPP	Hollister Solar LLC	CA	59268	PV10	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	12	15399	Iberdrola Renewables Inc	IPP	Baffin Wind	TX	57927	1	188.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	12	59200	Indy Airport Solar Project II, LLC	IPP	IND Solar Farm (Phase IIA)	IN	59424	IND2A	7.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
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	59195	Landfill Energy Systems	IPP	Zimmerman Energy	IN	59425	ZE-#1	1.9	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction
2014	12	59195	Landfill Energy Systems	IPP	Zimmerman Energy	IN	59425	ZE-#2	1.9	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction
2014	12	59195	Landfill Energy Systems	IPP	Zimmerman Energy	IN	59425	ZE-#3	1.9	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction
2014	12	58980	Lewiston Solar LLC	IPP	Lewiston Solar	NC	59174	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58413	Lone Valley Solar Park I LLC	IPP	Lone Valley Solar Park I LLC	CA	58417	CP1	10.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	12	59041	Lone Valley Solar Park II LLC	IPP	Lone Valley Solar Park II LLC	CA	59237	CPII	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	12	58598	Mass Solar, LLC	IPP	Braley Road 2	MA	58680	PV1	2.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58598	Mass Solar, LLC	IPP	Freetown Solar	MA	58283	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	12411	Miami Dade Water & Sewer Dept	Commercial	South District Wastewater Treatment Plt	FL	54624	1A	2.0	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	12	12411	Miami Dade Water & Sewer Dept	Commercial	South District Wastewater Treatment Plt	FL	54624	2A	2.0	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	12	12411	Miami Dade Water & Sewer Dept	Commercial	South District Wastewater Treatment Plt	FL	54624	3A	2.0	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete
2014	12	12411	Miami Dade Water & Sewer Dept	Commercial	South District Wastewater Treatment Plt	FL	54624	4A	2.0	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete
2014	12	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	12	12341	MidAmerican Energy Co	Electric Utility	Macksburg Wind Project	IA	58885	MBWF	119.6	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	12	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	12	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS22	55.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	12	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS23	47.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	12	12647	Minnesota Power Inc	Electric Utility	Bison 4 Wind Energy Center	ND	58872	BISO4	205.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	12	58912	Mount Olive Farm LLC	IPP	Mount Olive Farm	NC	59107	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	56990	NJR Clean Energy Ventures Corporation	IPP	North Run	NJ	59318	NRUN1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	59208	NRG Solar Las Vegas MB-1	Commercial	NRG Solar Las Vegas MB-1	NV	59430	MB-1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	59180	Newman Solar LLC	IPP	Newman Solar	TX	59407	NEW1	10.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	56622	NextEra Energy Resources	IPP	Mammoth Plains	OK	59284	GE1.7	199.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	12	59115	NextEra Energy Seiling Wind	IPP	Seiling Wind II	OK	59312	SEIL2	98.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
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	Chocowinity Solar LLC	NC	58675	CHOCO	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58477	O2energies, Inc.	IPP	Cirrus Solar LLC	NC	58674	CIRRU	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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	(U) Under construction, less than or equal to 50 percent complete
2014	12	59210	Oak Tree Energy, LLC	IPP	Oak Tree Energy	SD	59435	OTE14	19.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	12	59188	Pleasant Hill Wind Energy LLC	IPP	Pleasant Hill Wind Energy Project	TX	59417	WT1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	59121	Pumpjack Solar I, LLC	IPP	Pumpjack Solar I	CA	59222	GEN1	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	59040	Rising Tree Wind Farm II LLC	IPP	Rising Tree Wind Farm II	CA	59235	GEN1	19.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	56937	Rising Tree Wind Farm LLC	IPP	Rising Tree Wind Farm	CA	57621	GEN1	79.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	22142	Santa Cruz Cogeneration Assoc	Commercial	Univ of Calif Santa Cruz Cogeneration	CA	50064	003	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2014	12	59175	Searchlight Solar LLC	IPP	Searchlight Solar	NV	59404	1	17.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58820	Shankle Solar Center LLC	IPP	Shankle Solar Center LLC	NC	58956	SHAN	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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

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	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26K	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	12	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26L	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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
2014	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	24211	Tucson Electric Power Co	Electric Utility	Fort Huachuca Solar PV Project	AZ	58972	FHUAC	14.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58961	United Therapeutics Corporation	IPP	XPF Solar Field	NC	59146	PV1	2.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County	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	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	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	55939	ST01	579.7	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	12	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH5	0.5	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction
2014	12	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH6	0.5	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction
2014	12	59158	Wildwood Solar I, LLC	IPP	Wildwood Solar I, LLC	CA	59380	WLD1	19.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	58983	Williamston Solar LLC	IPP	Williamston Solar	NC	59176	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58979	Windsor Solar LLC	IPP	Windsor Solar	NC	59171	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	(V) Under construction, more than 50 percent complete
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	1	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
2015	1	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	9	24.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	1	59176	Diamond Valley Solar LLC	IPP	Diamond Valley Solar Project	CA	59405	PV11	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	1	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-1	3.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2015	1	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-2	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2015	1	11208	Los Angeles Department of Water & Power	Electric Utility	Maclay Solar Project	CA	57308	1	2.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
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	58638	NGP Lenape Solar II, LLC	IPP	Lenape II	IN	58703	1	4.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	1	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	10	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	11	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	12	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	2	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	3	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	4	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	5	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	6	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	7	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	8	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Parkland Landfill Solar	NJ	59001	PARK	7.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	1	58258	SunRay Power LLC	IPP	Leicester One MA Solar LLC	MA	58282	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	1	56641	Tonopah Solar Energy LLC	IPP	Crescent Dunes Solar Energy	NV	57275	TSE-1	110.0	Solar Thermal with Energy Storage	SUN	CP	(V) Under construction, more than 50 percent complete
2015	1	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch A	CA	58418	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	1	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch B	CA	58419	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	1	20542	Weyerhaeuser Co	Industrial	Flint River Operations	GA	50465	GEN2	25.0	Wood/Wood Waste Biomass	WDS	ST	(U) Under construction, less than or equal to 50 percent complete
2015	2	58262	Belectric Inc	IPP	Venable Solar 1	CA	58289	VNPV	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	2	58262	Belectric Inc	IPP	Venable Solar 2	CA	58290	VSPV	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	10	21.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	2	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

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	2	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP1	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete
2015	2	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP2	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete
2015	2	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP3	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete
2015	2	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP4	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete
2015	2	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS12	52.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	2	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	44.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
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	2	59177	Petra Engineering	IPP	Loy Farm Solar	NC	59406	SYS1	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	2	58661	sPower	IPP	Con Dios Solar 11	CA	59264	CON11	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	2	58661	sPower	IPP	Con Dios Solar 3	CA	59263	COND3	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	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	3	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	3	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	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	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV04	30.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	3	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV05	30.0	Solar Photovoltaic	SUN	PV	(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	11.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	5906	EDF Renewable Services Inc	IPP	Goose Lake Solar	CA	59086	GEN1	12.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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	(V) Under construction, more than 50 percent complete
2015	3	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-2	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	3	58865	Hoopeston Wind LLC	IPP	Hoopeston Wind LLC	IL	59021	HOO1	98.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	3	10071	Kauai Island Utility Cooperative	Electric Utility	KRS I Anahola Solar	HI	58639	ANAPV	12.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS11	52.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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	(V) Under construction, more than 50 percent complete
2015	3	15477	Public Service Elec & Gas Co	Electric Utility	Kinsley Landfill Solar	NJ	58877	KINS	6.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	3	58658	Sunlight Partners	IPP	Amethyst Solar	NC	58730	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	3	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	3	58658	Sunlight Partners	IPP	Charlotte Solar	NC	58722	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	3	58658	Sunlight Partners	IPP	Elliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58658	Sunlight Partners	IPP	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	3	58658	Sunlight Partners	IPP	Minnie Solar	NC	58740	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	3	58361	Triton College	Commercial	Triton East and West Cogen	IL	58375	5	0.4	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	3	59156	Wapsie Valley Creamery	Industrial	Wapsie Valley Creamery Back Up Generator	IA	59379	1	1.1	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2015	3	58661	sPower	IPP	Leavenworth Greenworks LLC	NY	59276	LEAVG	9.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	58661	sPower	IPP	SEPV Palmdale East	CA	59273	PALME	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	58661	sPower	IPP	Sierra Solar Greenworks	CA	59431	SSG1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58661	sPower	IPP	Sterlington Greenworks LLC	NY	59275	STERG	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	58661	sPower	IPP	Sutter Greeworks LLC	NY	59274	SUTTG	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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	Cannelton Hydroelectric Plant	KY	57399	CG3	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
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	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	4	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
2015	4	58748	Clean Energy LLC	Electric CHP	Reventure Park	NC	58865	RNG	1.6	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete
2015	4	56769	Consolidated Edison Development Inc.	IPP	Corcoran Solar 2	CA	59413	C2CA	19.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	4	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
2015	4	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
2015	4	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
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	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT1	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT2	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST1	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST2	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete
2015	4	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN3	1.0	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	4	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN4	0.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	4	12670	Missouri Jnt Muni.Pwr Elec. Utl. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	4	12670	Missouri Jnt Muni.Pwr Elec. Utl. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT2	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	4	14077	Oklahoma Municipal Power Authority	Electric Utility	Charles D. Lamb Energy Center	OK	58325	1	122.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	4	59131	Sumitomo Corporation of the Americas	IPP	Mesquite Creek Wind	TX	59332	MSCRK	211.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2015	4	58734	Sunfish Farm LLC	IPP	Sunfish Farm	NC	58864	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	4	58919	Yanceyville Farm 2 LLC	IPP	Yanceyville Farm 2 LLC	NC	59113	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	5	58706	67RK 8me LLC	IPP	Redcrest Solar Farm	CA	58831	PV-1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	5	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	5	58981	Bethel Solar LLC	IPP	Bethel Solar	NC	59173	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	5	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	5	56769	Consolidated Edison Development Inc.	IPP	Atwell Island West Solar	CA	59414	AWCA	20.0	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	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	(U) Under construction, less than or equal to 50 percent complete
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	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	7	640.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete
2015	5	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS14	32.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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	59183	Shafter Solar LLC	IPP	Shafter Solar LLC	CA	59408	1	20.0	Solar Photovoltaic	SUN	PV	(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	(V) Under construction, more than 50 percent complete
2015	5	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	2	165.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	58658	Sunlight Partners	IPP	Sophie Solar	NC	58745	PV1	4.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58856	65HK 8me LLC	IPP	Hayworth Solar	CA	59009	PV1	27.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	6	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	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	58987	B&H Wind LLC	IPP	Beethoven Wind	SD	59187	B&H80	80.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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

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	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
2015	6	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
2015	6	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
2015	6	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
2015	6	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
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN1	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN10	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN11	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN12	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN2	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN3	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN4	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN5	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN6	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN7	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN8	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN9	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	58508	Carolina Solar Energy II LLC	IPP	Simons Farm	NC	59149	SIMON	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	(U) Under construction, less than or equal to 50 percent complete
2015	6	59206	Downs Farm Solar, LLC	IPP	Downs Farm Solar	NC	59429	DOWN1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	5906	EDF Renewable Services Inc	IPP	Catalina Solar 2, LLC	CA	59334	INV-1	18.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	6	58970	Ecoplexus, Inc	IPP	Bradley PV1	NC	59154	BRAD1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
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	59132	Faison Solar LLC	IPP	Faison Solar	NC	59333	FAIS1	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
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	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	CTG1	183.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	STG2	126.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
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	11204	Los Alamos County	Electric Utility	Los Alamos PV Site	NM	58256	4	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	11208	Los Angeles Department of Water & Power	Electric Utility	Van Norman Bypass Solar Project	CA	57307	1	3.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58985	Marion Solar LLC	IPP	Belmont	IN	59172	PV1	3.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58985	Marion Solar LLC	IPP	Marion Solar LNG	IN	59180	PV1	1.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	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
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	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR1	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR2	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR3	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR4	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR5	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	6	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
2015	6	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
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	(V) Under construction, more than 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	(V) Under construction, more than 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	(V) Under construction, more than 50 percent complete
2015	6	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
2015	6	59146	Red Horse 2	IPP	Red Horse 2	AZ	58833	RH2S	51.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	59146	Red Horse 2	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	59042	Rising Tree Wind Farm III LLC	IPP	Rising Tree Wind Farm III	CA	59236	GEN1	99.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	6	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	59202	SolNCPower1, LLC	IPP	Two Mile Solar	NC	59427	TMS1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	59199	SolNCPower2, LLC	IPP	GKS Solar	NC	59426	GKS1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-1	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-2	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-3	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	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	6	58984	Winton Solar LLC	IPP	Winton Solar	NC	59177	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58982	Woodland Solar LLC	IPP	Woodland Solar	NC	59175	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
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	4161	Constellation Power Source Gen	IPP	Perryman	MD	1556	GT6	109.8	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete
2015	7	58970	Ecoplexus, Inc	IPP	Thornton PV1	NC	59152	THOR1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	7	59155	First Wind O&M, LLC	IPP	Beryl Solar Plant	UT	58598	BSP1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	7	59155	First Wind O&M, LLC	IPP	Buckhorn Solar Plant	UT	58600	BSP1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	7	59155	First Wind O&M, LLC	IPP	Cedar Valley Solar Plant	UT	58599	CVSP1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	7	59155	First Wind O&M, LLC	IPP	Granite Peak Solar Plant	UT	58604	GPSP1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	7	59155	First Wind O&M, LLC	IPP	Greenville Solar Plant	UT	58603	GVSP1	2.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	7	59155	First Wind O&M, LLC	IPP	Laho Solar Plant	UT	58602	LSP1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	7	59155	First Wind O&M, LLC	IPP	Milford Flat Solar Plant	UT	58601	MFSP1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	GT-1	200.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	GT-2	200.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	STG-1	285.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2015	8	58897	70SM 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	59155	First Wind O&M, LLC	IPP	Route 66 Wind Plant	TX	58681	RT661	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG1	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete
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	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	58508	Carolina Solar Energy II LLC	IPP	Green Farm	NC	59148	GREEN	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	50123	Infigen Asset Management LLC	IPP	Rio Bravo Solar 1 LLC	CA	59249	PV1	19.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	9	50123	Infigen Asset Management LLC	IPP	Wildwood Solar II	CA	59253	PV1	14.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
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	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	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	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	9	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	9	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	9	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	9	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	9	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	9	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	9	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	9	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	9	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	9	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV10	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	10	58857	8'RL 8me LLC	IPP	Woodmere Solar Farm	CA	59008	PV1	15.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN 6	40.0	Wood/Wood Waste Biomass	BLQ	ST	(OT) Other
2015	10	58970	Ecoplexus, Inc	IPP	Shawboro PV1	NC	59155	SHAW1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	10	58962	Fair Wind Power Partners	IPP	Fair Wind Power	MD	59147	1	30.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	10	59155	First Wind O&M, LLC	IPP	Oakfield Wind Project	ME	57002	1	148.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	10	59155	First Wind O&M, LLC	IPP	South Plains Wind Phase I	TX	59384	1	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. 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	LEPA Unit No. 1	LA	58478	LEPA1	79.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Border Winds Wind Farm	ND	59200	1	150.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Pleasant Valley Wind Farm	MN	59201	1	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	10	59143	Old Mill Solar	IPP	Old Mill Solar	OR	59374	OMSLR	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	10	58589	Orbit Energy Charlotte	IPP	Orbit Energy Charlotte	NC	58638	1	5.2	Other Waste Biomass	OBG	ST	(L) Regulatory approvals pending. Not under construction
2015	10	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	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	10	54842	WM Renewable Energy LLC	IPP	Waste Mangement Redwood LFGTE	CA	59299	RED1	2.0	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction
2015	10	54842	WM Renewable Energy LLC	IPP	Waste Mangement Redwood LFGTE	CA	59299	RED2	2.0	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction
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	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	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	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	11	58920	Redmon Solar Farm LLC	IPP	Redmon Solar Farm LLC	NC	59114	1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	11	58930	Tantgent Energy Solutions	IPP	DD Fayetteville Solar NC LLC	NC	59117	PV1	23.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	11	54906	Tradewind Energy, Inc.	IPP	Breckenridge Wind Project LLC	OK	58994	BWP	98.8	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	11	59056	Tri Global Energy, LLC	IPP	Fiber Winds	TX	59244	FIBE1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58794	American Wind Energy Management Corporation	IPP	Suqar Creek Wind One LLC	IL	58924	SUG1	175.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	59005	Angus Holdings LLC	IPP	Angus Holdings	NC	59211	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	58703	Apple One LLC	IPP	Apple One	NC	58828	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	59039	Arbuckle Mountain Wind Farm LLC	IPP	Arbuckle Mountain Wind Farm LLC	OK	59234	GEN1	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
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	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	12	58625	Black Oak Wind, LLC	IPP	Black Oak Wind Farm	MN	58692	1	42.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58562	Blueberry One, LLC	IPP	Blueberry One	NC	58605	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
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	59006	Calypso Farm LLC	IPP	Calypso Farm	NC	59212	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	58939	Cameron Wind 1 LLC	IPP	Cameron Wind 1 LLC	TX	59118	CAM1	164.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	1	76.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	2	76.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59007	Clipperton Holdings LLC	IPP	Clipperton Holdings	NC	59213	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	56523	Colorado Highlands Wind LLC	IPP	Colorado Highlands Wind	CO	57174	CHW3	19.7	Onshore Wind Turbine	WND	WT	(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	Magic Valley Wind Farm II	TX	59066	MVII	230.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56215	E ON Climate Renewables N America LLC	IPP	Rose Rock Wind Farm LLC	OK	59065	WT1	109.8	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56215	E ON Climate Renewables N America LLC	IPP	Stella Wind Farm	TX	59063	WT1	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	Stella Wind Farm II	TX	59064	WT1	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	Twin Forks Wind Farm LLC	IL	59061	WT1	351.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56215	E ON Climate Renewables N America LLC	IPP	Vici Wind Farm	OK	59062	VICI	104.4	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	IN	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	57414	Eli Lilly and Company	Industrial	Lilly Technical Center	IN	58043	5	1.0	All Other	PUR	ST	(OT) Other
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	59001	Faison Farm LLC	IPP	Faison Farm	NC	59208	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. 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	59002	Garland Farm LLC	IPP	Garland Farm	NC	59209	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	59008	Guernsey Holdings LLC	IPP	Guernsey Holdings	NC	59214	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	58695	Heliosage LLC	IPP	Highland Solar Center LLC	NC	59163	HSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Lake Solar Center LLC	NC	59161	LSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Mariposa Solar Center LLC	NC	59162	MSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Mason Solar Center LLC	NC	59165	MSC 1	15.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Nan Solar Center LLC	NC	59164	NSC 1	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Pinewood Solar Center LLC	NC	59160	PSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Tower Solar Center LLC	NC	59159	TSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	59009	Hereford Holdings LLC	IPP	Hereford Holdings	NC	59215	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	59000	Holger Holdings LLC	IPP	Holger Holdings	NC	59218	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	58576	Holstein Holdings, LLC	IPP	Holstein Plant	NC	58623	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
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	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	12	59003	Jackson Solar Farm LLC	IPP	Jackson Solar Farm	NC	59210	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	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	12	58679	Kirkwall Holdings, LLC	IPP	Kirkwall Holdings	NC	58791	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. 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	59022	Leonardo Wind 1 LLC	IPP	Leonardo Wind 1 LLC	IA	59228	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59023	Leonardo Wind 3 LLC	IPP	Leonardo Wind 3 LLC	IA	59229	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	58673	Longhorn Holdings, LLC	IPP	Longhorn Holdings	NC	58781	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	4	209.5	Natural Gas Fired Combined Cycle	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	108.8	Natural Gas Fired Combined Cycle	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	59119	Los Vientos Windpower III, LLC	IPP	Los Vientos Windpower III	TX	59320	GEN1	2.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
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	10.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT2	10.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT3	10.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT4	10.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	12	58895	Marshall Wind Energy LLC	IPP	Marshall Wind Farm	KS	59084	RPMA	73.8	Onshore Wind Turbine	WND	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	(P) Planned for installation, but regulatory approvals not initiated
2015	12	59026	Michelangelo Wind 1 LLC	IPP	Michelangelo Wind 1 LLC	IA	59231	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	58887	Michelangelo Wind 3 LLC	IPP	Michelangelo Wind 3 LLC	IA	59053	WT1	3.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	59027	Michelangelo Wind 4 LLC	IPP	Michelangelo Wind 4 LLC	IA	59232	WT1	3.0	Onshore Wind Turbine	WND	WT	(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
2015	12	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project	IA	58983	HLWF	502.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
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	59025	Optimum Wind 3 LLC	IPP	Optimum Wind 3 LLC	IA	59227	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59024	Optimum Wind 4 LLC	IPP	Optimum Wind 4 LLC	IA	59226	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59017	Optimum Wind 5 LLC	IPP	Optimum Wind 5 LLC	IA	59223	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59018	Optimum Wind 6 LLC	IPP	Optimum Wind 6 LLC	IA	59224	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59019	Optimum Wind 7 LLC	IPP	Optimum Wind 7 LLC	IA	59225	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	55931	Orion Energy Group LLC	IPP	K4 Wind Farm I LLC	IL	58898	K4-1	175.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN1	382.5	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2015	12	59016	Passadumkeag Windpark LLC	IPP	Passadumkeag Windpark LLC	ME	59222	Q357	39.9	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	56545	Pattern Operators LP	IPP	Ripley Westfield Wind LLC	NY	57193	WTG1	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	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	59010	Rhubarb One LLC	IPP	Rhubarb One	NC	59216	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	58896	Siskiyou Power Authority	IPP	Pawnee Wind Farm LLC	NE	57283	WTG2	10.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58674	Sonne One, LLC	IPP	Sonne One	NC	58782	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	58704	Sonne Two LLC	IPP	Sonne Two	NC	58829	PV1	5.0	Solar Photovoltaic	SUN	PV	(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	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	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	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	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	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	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	59011	Tiburon Holdings	IPP	Tiburon Holdings	NC	59217	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	59056	Tri Global Energy, LLC	IPP	Changing Winds	TX	59243	CHAN1	288.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	59056	Tri Global Energy, LLC	IPP	Fluvanna	TX	59245	FLUV1	240.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	59056	Tri Global Energy, LLC	IPP	Goodnight	TX	59246	GOOD1	240.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58796	Trishe Wind Colorado	IPP	Trishe Wind Colorado	CO	58928	1	30.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56633	Trishe Wind Minnesota	IPP	Trishe Wind Minnesota	MN	57255	1	40.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	59098	Trishe Wind Ohio LLC	IPP	Trishe Wind Ohio LLC	OH	59296	NWOH1	100.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	59098	Trishe Wind Ohio LLC	IPP	Trishe Wind Ohio LLC	OH	59296	NWOH2	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58602	Utah Red Hills Renewable Energy Park LLC	IPP	Utah Red Hills Renewable Energy Park	UT	58660	1	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	59021	Venus Wind 3 LLC	IPP	Venus Wind 3 LLC	IA	59230	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59116	WED Coventry Five, LLC	IPP	WED Coventry 5	RI	59313	COV5	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59108	WED Coventry Four, LLC	IPP	WED Coventry 4	RI	59306	WEDC4	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59105	WED Coventry One, LLC	IPP	WED Coventry 1	RI	59301	WEDC1	0.3	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59117	WED Coventry Six, LLC	IPP	WED Coventry 6	RI	59314	COV6	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59117	WED Coventry Six, LLC	IPP	WED Coventry 6	RI	59314	COV6A	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59117	WED Coventry Six, LLC	IPP	WED Coventry 6	RI	59314	COV6B	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59107	WED Coventry Three, LLC	IPP	WED Coventry 3	RI	59305	WEDC3	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59106	WED Coventry Two, LLC	IPP	WED Coventry 2	RI	59302	COV2	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59106	WED Coventry Two, LLC	IPP	WED Coventry 2	RI	59302	COV2A	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59106	WED Coventry Two, LLC	IPP	WED Coventry 2	RI	59302	COV2B	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	56948	Waverly Wind Farm LLC	IPP	Waverly Wind Farm LLC	KS	57614	GEN1	199.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT001	240.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT002	240.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2016	1	25439	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	1	58489	OCI Solar Power	IPP	OCI Alamo 5 LLC	TX	59205	OCIA5	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG01	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG02	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG03	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG04	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG05	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG06	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG07	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG08	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG09	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG10	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG11	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG12	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	59138	SunPower Corporation, Systems	IPP	Quinto Solar PV Project	CA	59339	SSC13	105.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2016	1	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
2016	1	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
2016	2	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
2016	2	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN2	382.5	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
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	58694	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	58901	Hydro Green Energy	IPP	Braddock Lock and Dam	PA	59091	GEN1	5.3	Conventional Hydroelectric	WAT	HY	(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	9436	Mosaic Phosphates Co.	Industrial	Mosaic Phosphates Uncle Sam	LA	10198	GEN3	15.0	All Other	OTH	ST	(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	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
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	59056	Tri Global Energy, LLC	IPP	Hale Community Wind Farm	TX	59247	HALE1	240.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	4	57193	K Road Moapa Solar LLC	IPP	K Road Moapa Solar	NV	57859	1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 4	0.6	Conventional Steam Coal	BIT	ST	(T) Regulatory approvals received. Not under construction
2016	4	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 5	0.6	Conventional Steam Coal	BIT	ST	(T) Regulatory approvals received. Not under construction
2016	4	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPSS2	14.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	5	14534	City of Pasadena - (CA)	Electric Utility	Glenarm	CA	422	GT5	68.0	Natural Gas Fired Combined Cycle	NG	CC	(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
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	55932	Georgia-Pacific Brewton LLC	Industrial	Georgia-Pacific Brewton Mill	AL	54789	4TG	62.0	Wood/Wood Waste Biomass	BLQ	ST	(U) Under construction, less than or equal to 50 percent complete
2016	5	59120	Los Vientos Windpower IV, LLC	IPP	Los Vientos Windpower IV	TX	59321	GEN1	2.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2016	5	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN2	382.5	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN1	500.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction
2016	5	59109	SUNE BEACON SITE 2, LLC	IPP	Beacon Solar Plant Site 2	CA	59309	BEAC2	48.0	Solar Photovoltaic	SUN	PV	(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	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	57421	BayWa r.e Wind LLC	IPP	Chopin Wind LLC	OR	59076	WT1	10.0	Onshore Wind Turbine	WND	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	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
2016	6	58907	Dobbins Mill Farm	IPP	Dobbins Mill Farm	NC	59101	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	6	58899	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	138.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2016	6	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	CA1	388.9	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	GT1	219.7	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	GT2	219.7	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	CA1	388.9	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	GT1	219.7	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	GT2	219.7	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	59155	First Wind O&M, LLC	IPP	Hancock Wind Plant	ME	58686	HANC1	51.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
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	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN5	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	58909	Fremont Farm LLC	IPP	Fremont Farm	NC	59103	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	6	58409	Future Power PA	IPP	Good Spring NGCC	PA	58409	HRSG1	108.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	6	10171	Kentucky Utilities Co	Electric Utility	E W Brown	KY	1355	SOLAR	10.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR6	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2016	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
2016	6	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
2016	6	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
2016	6	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
2016	6	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
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	56640	Rice Solar Energy LLC	Commercial	Rice Solar Energy	CA	57276	RSE1	150.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction
2016	6	58914	Roady Lane Farm LLC	IPP	Roady Lane Farm LLC	NC	59108	1	74.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction
2016	6	58723	Warsaw Farm LLC	IPP	Warsaw Farm	NC	58948	1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	6	58917	West Salisbury Farm LLC	IPP	West Salisbury Farm LLC	NC	59111	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	59112	Hecate Energy Beacon Solar 1, LLC	IPP	Hecate Energy Beacon Solar 1	CA	59315	BEAC1	56.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	7	59113	Hecate Energy Beacon Solar 3, LLC	IPP	Hecate Energy Beacon Solar 3	CA	59316	BEAC3	56.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	7	59114	Hecate Energy Beacon Solar 4, LLC	IPP	Hecate Energy Beacon Solar 4	CA	59317	BEAC4	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	7	58489	OCI Solar Power	IPP	OCI Alamo 6 LLC	TX	59206	OCIA6	110.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	7	59110	SUNE BEACON SITE 5, LLC	IPP	Beacon Solar Plant Site 5	CA	59308	BEAC5	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
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	8	58489	OCI Solar Power	IPP	OCI Alamo 7 LLC	TX	59207	OCIA7	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
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	59161	Great Bay Wind I, LLC	IPP	Great Bay Wind Energy Center	MD	59385	GEN1	150.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	9	59127	Palmer Renewable Energy	IPP	Palmer Renewable Energy	MA	59236	PRE	42.0	Wood/Wood Waste Biomass	WDS	ST	(T) Regulatory approvals received. Not under construction
2016	9	58968	RE Mustang LLC	IPP	RE Mustang LLC	CA	59150	PV1	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
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	58970	Ecoplexus, Inc	IPP	Watson Seed Farm PV1	NC	59153	WAT1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	10	59155	First Wind O&M, LLC	IPP	Enterprise Solar, LLC	UT	59386	ENTS1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	10	59155	First Wind O&M, LLC	IPP	Escalante Solar I, LLC	UT	59387	ESCS1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	10	59155	First Wind O&M, LLC	IPP	Escalante Solar II, LLC	UT	59388	ESCS2	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	10	59155	First Wind O&M, LLC	IPP	Escalante Solar III, LLC	UT	59389	ESCS3	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	10	58849	Mariah North West LLC	IPP	Mariah 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	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	10	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
2016	11	8723	City of Holland	Electric Utility	Holland Energy Park	MI	59093	10	43.1	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2016	11	8723	City of Holland	Electric Utility	Holland Energy Park	MI	59093	11	43.1	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2016	11	8723	City of Holland	Electric Utility	Holland Energy Park	MI	59093	12	40.9	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete
2016	11	57341	Foster Wheeler Twin Cities	Electric CHP	Univ Minnesota CHP Plant	MN	59197	CTG-1	17.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
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

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	12	58998	Chapman Ranch Wind LLC	IPP	Chapman Ranch Wind I	TX	59193	CHA1	350.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	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
2016	12	58792	ClearVista Energy LLC	IPP	ClearVista Solar and Wind Farm	CA	58922	CVWT	19.5	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	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
2016	12	58899	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	58899	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	(T) Regulatory approvals received. Not under construction
2016	12	59155	First Wind O&M, LLC	IPP	Bowers Wind Project	ME	57088	1	48.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	59155	First Wind O&M, LLC	IPP	Milford Wind Corridor Phase III	UT	57546	1	100.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	59155	First Wind O&M, LLC	IPP	Mililani South PV	HI	58281	1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	12	56983	Gibson County Generation LLC	IPP	Gibson County Generation Station	TN	57709	1	371.0	Natural Gas Fired Combined Cycle	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	(P) Planned for installation, but regulatory approvals not initiated
2016	12	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
2016	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
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	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
2016	12	50123	Infigen Asset Management LLC	IPP	Aragonne Solar LLC	NM	59252	PV1	38.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	50123	Infigen Asset Management LLC	IPP	Caprock Solar LLC	NM	59251	PV1	24.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	50123	Infigen Asset Management LLC	IPP	Rio Bravo Solar II LLC	CA	59250	PV1	19.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. 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	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	3	232.0	Solar Thermal without Energy Storage	SUN	ST	(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	56935	Number Nine Wind Farm LLC	IPP	Number Nine Wind Farm	ME	57612	GEN1	250.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	12	56676	Panoche Valley Solar LLC	IPP	Panoche Valley Solar Farm	CA	57340	1	399.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	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
2016	12	58843	Searchlight Wind Energy LLC	IPP	Searchlight Wind	NV	58988	1	200.0	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	57331	Soitec Solar Development LLC	IPP	LanEast Solar Farm LLC	CA	57957	1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	57331	Soitec Solar Development LLC	IPP	LanWest Solar Farm LLC	CA	57958	1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	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
2016	12	57331	Soitec Solar Development LLC	IPP	Terra Del Sol Solar Farm LLC	CA	57961	1	45.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	59080	Soleil Energy Solutions, LLC	IPP	Westside Solar Farm	NC	59258	WEST1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	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
2016	12	59056	Tri Global Energy, LLC	IPP	Hale Community Wind Farm	TX	59247	HALE2	240.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. 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
2016	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
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	2CC	459.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2017	1	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
2017	1	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
2017	1	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
2017	2	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
2017	2	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
2017	2	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
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	59155	First Wind O&M, LLC	IPP	Bingham Wind	ME	57531	1	186.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2017	3	49805	Kennecott Utah Copper	Industrial	Kennecott Power Plant	UT	56163	5CTG	176.9	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
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	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3CT	324.6	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3ST	191.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	4	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN1	230.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2017	4	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN3	314.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	GT1	207.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	GT2	207.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	STG1	230.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CC1	646.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2017	5	59111	Crawford Renewable Energy, LLC	IPP	Crawford Renewable Energy - Meadville Power Station	PA	59307	MPS	93.5	All Other	TDF	ST	(U) Under construction, less than or equal to 50 percent complete
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	5	58597	Enivromission, Inc	IPP	La Paz Solar Tower	AZ	58652	1	200.0	Solar Thermal without Energy Storage	SUN	OT	(P) Planned for installation, but regulatory approvals not initiated
2017	5	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN2	230.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2017	5	59101	NTE Texas, LLC	IPP	Pecan Creek Energy Center	TX	59298	PCEC1	250.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	CT1		Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	CT2		Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	ST1		Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	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
2017	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
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	6	58959	Freeport LNG Development L.P	Industrial	Freeport LP Pretreatment Facility	TX	59145	65GTG	77.5	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2017	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	5	340.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction
2017	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	6	340.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction
2017	6	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	6	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	4	244.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	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
2017	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
2017	6	58960	Timberline Energy LLC	IPP	Front Range Project	CO	59143	FR-2	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2017	7	58758	CPV Smyth Generation Company LLC	IPP	CPV Smyth Generation Company LLC	VA	58878	1	653.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2017	7	58409	Future Power PA	IPP	Good Spring NGCC	PA	58409	GT1	335.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction
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
2017	7	58878	Watkins Glen Wind Energy Center	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	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN7	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2017	8	58768	Pondera Development LLC	IPP	CPV Pondera King Energy Center	TX	58910	CC	836.0	Natural Gas Fired Combined Cycle	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

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	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	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
2017	11	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT3	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(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	Electric Utility	Mahoney Lake Hydroelectric	AK	59027	GEN 1	9.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2017	12	219	Alaska Power and Telephone Co	Electric Utility	Reynolds Creek	AK	59037	GEN 1	5.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2017	12	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT4	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
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	56094	Medicine Bow Fuel & Power LLC	IPP	Medicine Bow Fuel & Power LLC	WY	56452	1	350.0	Conventional Steam Coal	BIT	ST	(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	56424	Quilt Block Wind Farm LLC	IPP	Quilt Block Wind Farm LLC	WI	57116	GEN 1	98.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
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	2	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT5	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2018	3	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT6	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(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	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT7	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2018	4	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	1	27.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2018	4	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	2	27.5	Conventional Hydroelectric	WAT	HY	(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	59123	NTE Carolinas, LLC	IPP	Kings Mountain Energy Center	NC	59325	KMEC1	475.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2018	5	59124	NTE Ohio LLC	IPP	Middletown Energy Center	OH	59326	MEC1	525.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
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	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
2018	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
2018	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
2018	6	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U001	346.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2018	6	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U002	346.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2018	6	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U003	346.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2018	6	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
2018	6	19511	University of Alaska	Commercial	University of Alaska Fairbanks	AK	50711	GEN5	17.0	Conventional Steam Coal	SUB	ST	(P) Planned for installation, but regulatory approvals not initiated
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	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
2018	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
2018	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
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GTG1	41.0	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	41.0	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	GTG3	41.0	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	64.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	STG2	64.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2018	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
2018	9	56266	Green Gas Americas, Inc.	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LFG6	1.6	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction
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	(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-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	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
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	6	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
2019	9	59142	Hydrogen Energy California, LLC	Electric CHP	Hydrogen Energy California LLC	CA	59372	HECA1	413.0	Coal Integrated Gasification Combined Cycle	SGC	CS	(L) Regulatory approvals pending. 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	42.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2020	5	18454	Tampa Electric Co	Electric Utility	Tampa Electric Co NA 2	FL	56352	2	190.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2020	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
2020	12	7277	Calpine Corporation	IPP	Four Mile Hill	CA	55945	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	209.5	Natural Gas Fired Combined Cycle	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	209.5	Natural Gas Fired Combined Cycle	NG	CC	(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	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
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	56425	Simpson Ridge Wind Farm LLC	IPP	Simpson Ridge Wind Farm LLC	WY	57117	GEN 1	50.0	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 significant 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	11	17569	City of South Norwalk - (CT)	Electric Utility	South Norwalk Electric	CT	6598	6	1.1	Petroleum Liquids	DFO	IC
2014	11	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	1	100.0	Conventional Steam Coal	BIT	ST
2014	11	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC1	2.0	Petroleum Liquids	DFO	IC
2014	11	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC2	2.0	Petroleum Liquids	DFO	IC
2014	11	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC3	2.0	Petroleum Liquids	DFO	IC
2014	11	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC4	2.0	Petroleum Liquids	DFO	IC
2014	12	10908	City of Lenox - (IA)	Electric Utility	Lenox	IA	1158	2	1.1	Petroleum Liquids	DFO	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	12986	Morton Salt Inc	Industrial	Morton Salt Rittman	OH	54335	GEN1	1.5	Conventional Steam Coal	BIT	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	17698	Southwestern Electric Power Co	Electric Utility	Lieberman	LA	1417	1	25.0	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	6204	City of Farmington - (NM)	Electric Utility	Animas	NM	2465	1	3.0	Natural Gas Fired Combined Cycle	NG	CA
2015	1	6204	City of Farmington - (NM)	Electric Utility	Animas	NM	2465	2	3.0	Natural Gas Fired Combined Cycle	NG	CA
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	57450	Martin Midstream Partnership,LP	Industrial	Cross Oil Refining & Marketing, Inc	AR	58077	CROSS	3.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 2	0.5	Conventional Steam Coal	BIT	ST
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 3	0.6	Conventional Steam Coal	BIT	ST
2015	3	54842	WM Renewable Energy LLC	IPP	Monroe Livingston Gas Recovery	NY	50565	GEN2	0.8	Landfill Gas	LFG	IC
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	1	23.0	Conventional Steam Coal	BIT	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	2	23.0	Conventional Steam Coal	BIT	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	3	74.0	Conventional Steam Coal	BIT	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	4	75.0	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	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	1	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	2	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	3	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Lake Shore	OH	2838	18	245.0	Conventional Steam Coal	SUB	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	1	266.0	Conventional Steam Coal	BIT	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	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	1	134.3	Conventional Steam Coal	SUB	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	2	283.7	Conventional Steam Coal	SUB	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2015	4	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	3	251.0	Conventional Steam Coal	SUB	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	4	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	8	465.0	Conventional Steam Coal	BIT	ST
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall	MI	1844	IC2	0.9	Other Natural Gas	NG	IC
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall	MI	1844	IC3	1.9	Other Natural Gas	NG	IC
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall	MI	1844	IC4	0.7	Petroleum Liquids	DFO	IC
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall	MI	1844	IC5	1.4	Other Natural Gas	NG	IC
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	4	155.0	Conventional Steam Coal	BIT	ST
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	5	168.0	Conventional Steam Coal	BIT	ST
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	6	240.0	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	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	122	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	123	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	124	46.0	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

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	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
2015	6	3542	Duke Energy Ohio Inc	Electric Utility	Miami Fort	OH	2832	6	163.0	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	2	800.0	Conventional Steam Coal	BIT	ST
2015	6	15147	PSEG Fossil LLC	IPP	Bergen Generating Station	NJ	2398	3	21.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	111	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	112	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	113	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	114	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	8	22.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	11	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	12	43.0	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	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	21	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	22	43.0	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	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	32	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	33	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	34	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	101	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	102	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	103	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	104	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	111	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	112	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	113	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	114	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Mercer Generating Station	NJ	2408	3	115.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG National Park Generating Station	NJ	2409	1	21.0	Petroleum Liquids	KER	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Sewaren Generating Station	NJ	2411	6	105.0	Petroleum Liquids	KER	GT
2015	6	15478	PSEG Nuclear LLC	IPP	PSEG Salem Generating Station	NJ	2410	3	38.4	Petroleum Liquids	DFO	GT
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	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS1	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS2	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS3	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS4	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS5	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS6	0.9	Conventional Hydroelectric	WAT	HY
2015	6	54842	WM Renewable Energy LLC	IPP	New Milford Gas Recovery	CT	50564	GEN4	0.8	Landfill Gas	LFG	IC
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Pulliam	WI	4072	5	47.7	Conventional Steam Coal	SUB	ST
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Pulliam	WI	4072	6	69.8	Conventional Steam Coal	SUB	ST
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Weston	WI	4078	1	50.7	Conventional Steam Coal	SUB	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	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN1	4.0	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN2	4.0	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN3	7.5	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN4	7.5	Wood/Wood Waste Biomass	BLQ	ST
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	11	52	ACE Cogeneration Co	Electric CHP	ACE Cogeneration Facility	CA	10002	GEN1	101.2	Conventional Steam Coal	BIT	ST
2015	11	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	2	100.0	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	8287	Hawaii Electric Light Co Inc	Electric Utility	Shipman	HI	6478	3	7.5	Petroleum Liquids	RFO	ST
2015	12	8287	Hawaii Electric Light Co Inc	Electric Utility	Shipman	HI	6478	4	7.5	Petroleum Liquids	RFO	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	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	47.2	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Generating Station	WI	4054	1	103.1	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Generating Station	WI	4054	2	103.1	Conventional Steam Coal	SUB	ST
2016	1	9231	City of Independence - (MO)	Electric Utility	Missouri City	MO	2171	1	19.0	Conventional Steam Coal	BIT	ST
2016	1	9231	City of Independence - (MO)	Electric Utility	Missouri City	MO	2171	2	19.0	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	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	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	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	1	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	2	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	3	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	4	178.0	Conventional Steam Coal	BIT	ST
2016	4	803	Arizona Public Service Co	Electric Utility	Cholla	AZ	113	2	260.0	Conventional Steam Coal	SUB	ST
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	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	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	3	40.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	4	56.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	5	62.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	6	99.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	IC1	3.0	Petroleum Liquids	DFO	IC
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	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	ST
2016	7	7140	Georgia Power Co	Electric Utility	Mitchell	GA	727	3	155.0	Conventional Steam Coal	BIT	ST
2016	8	14534	City of Pasadena - (CA)	Electric Utility	Broadway	CA	420	B3	71.0	Other Natural Gas	NG	ST
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	8	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	1	11.5	Other Natural Gas	NG	ST
2016	8	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	2	13.0	Other Natural Gas	NG	ST
2016	11	55932	Georgia-Pacific Brewton LLC	Industrial	Georgia-Pacific Brewton Mill	AL	54789	1TG	10.5	Wood/Wood Waste Biomass	BLQ	ST
2016	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2016	12	4045	City of Columbia - (MO)	Electric Utility	Columbia	MO	2123	5	16.5	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	16.5	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT2	13.9	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT3	15.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT4	16.1	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.9	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	24.7	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	27.3	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	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC2	1.4	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	12.8	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	79.1	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	19.4	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	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.7	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	82.0	Other Natural Gas	NG	ST
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	El Cajon	CA	301	ENCI	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA2	59.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA3	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Miramar	CA	305	MRGT	36.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	15908	NRG California South LP	IPP	Coolwater	CA	329	1	63.0	Other Natural Gas	NG	ST
2016	12	15908	NRG California South LP	IPP	Coolwater	CA	329	2	82.0	Other Natural Gas	NG	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	5	12628	NRG Chalk Point LLC	IPP	Chalk Point LLC	MD	1571	ST1	331.0	Conventional Steam Coal	BIT	ST
2017	5	12628	NRG Chalk Point LLC	IPP	Chalk Point LLC	MD	1571	ST2	336.0	Conventional Steam Coal	BIT	ST
2017	5	15452	PSEG Power Connecticut LLC	IPP	Bridgeport Station	CT	568	4	16.0	Petroleum Liquids	KER	GT
2017	6	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN2	32.0	Conventional Steam Coal	BIT	ST
2017	6	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN3	114.0	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	1	239.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	2	238.9	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	3	605.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	4	435.0	Petroleum Liquids	RFO	ST
2017	6	11820	Massachusetts Inst of Tech	Commercial	Mass Inst Tech Cntrl Utilities/Cogen Plt	MA	54907	CTG1	19.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	6	18642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	1	628.0	Conventional Steam Coal	BIT	ST
2017	6	18642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	2	602.0	Conventional Steam Coal	BIT	ST
2017	10	5677	EQ-Waste Energy Services Inc	Electric CHP	EQ Waste Energy Services	MI	50077	CAT1	0.5	Landfill Gas	LFG	IC
2017	10	5677	EQ-Waste Energy Services Inc	Electric CHP	EQ Waste Energy Services	MI	50077	CAT2	0.3	Landfill Gas	LFG	IC
2017	10	5677	EQ-Waste Energy Services Inc	Electric CHP	EQ Waste Energy Services	MI	50077	CAT3	0.3	Landfill Gas	LFG	IC
2017	10	5677	EQ-Waste Energy Services Inc	Electric CHP	EQ Waste Energy Services	MI	50077	CAT4	0.3	Landfill Gas	LFG	IC
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	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

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
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	257.0	Conventional Steam Coal	BIT	ST
2017	12	59099	New Dimension Energy Company, LLC	IPP	Altamont Midway Ltd	CA	50001	WTGS	10.9	Onshore Wind Turbine	WND	WT
2017	12	59099	New Dimension Energy Company, LLC	IPP	Altech	CA	50818	GEN1	10.5	Onshore Wind Turbine	WND	WT
2017	12	59099	New Dimension Energy Company, LLC	IPP	Santa Clara (85C)	CA	50534	WGNS	18.0	Onshore Wind Turbine	WND	WT
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	1	52.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	2	52.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	3	117.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	4	250.0	Other Natural Gas	NG	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	12541	City of Milford - (IA)	Electric Utility	Milford	IA	1164	1	0.6	Petroleum Liquids	DFO	IC
2018	1	12541	City of Milford - (IA)	Electric Utility	Milford	IA	1164	4	0.5	Petroleum Liquids	DFO	IC
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	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	29.0	Petroleum Liquids	RFO	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	3	71.0	Petroleum Liquids	RFO	ST
2018	6	9397	International Turbine Res Inc	IPP	Dinosaur Point	CA	10005	WTGS	17.0	Onshore Wind Turbine	WND	WT
2018	7	7308	Hawkeye Energy Greenport LLC	IPP	Hawkeye Energy Greenport LLC	NY	55969	U-01	52.5	Petroleum Liquids	KER	GT
2018	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0	Other Natural Gas	NG	ST
2018	12	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	4	510.0	Conventional Steam Coal	SUB	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
2018	12	20856	Wisconsin Power & Light Co	Electric Utility	Edgewater	WI	4050	4	297.1	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Lake Road	MO	2098	4	96.3	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	47.7	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	50.6	Conventional Steam Coal	SUB	ST
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
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Other Natural Gas	NG	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Other Natural Gas	NG	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	3	107.0	Other Natural Gas	NG	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	15908	NRG California South LP	IPP	Coolwater	CA	329	30	99.0	Natural Gas Fired Combined Cycle	NG	CA
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	31	73.0	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	32	73.0	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	40	99.0	Natural Gas Fired Combined Cycle	NG	CA
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	41	73.5	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	42	73.5	Natural Gas Fired Combined Cycle	NG	CT
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	2	58.0	Conventional Steam Coal	SUB	ST
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	3	80.0	Conventional Steam Coal	SUB	ST
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	D1	0.2	Petroleum Liquids	DFO	IC
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	D2	0.1	Petroleum Liquids	DFO	IC
2020	12	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106	1	585.0	Conventional Steam Coal	SUB	ST
2020	12	19099	TransAlta Centralia Gen LLC	IPP	Transalta Centralia Generation	WA	3845	1	670.0	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	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	2	164.0	Conventional Steam Coal	SUB	ST
2021	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	3	176.0	Conventional Steam Coal	SUB	ST
2021	5	58435	Collinwood BioEnergy	Industrial	Collinwood BioEnergy Facility	OH	58439	CBE01	1.0	Other Waste Biomass	OBG	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
2022	9	177	AES Hawaii Inc	Electric CHP	AES Hawaii	HI	10673	GEN1	180.0	Conventional Steam Coal	BIT	ST
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY1	0.7	Conventional Hydroelectric	WAT	HY
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY2	0.7	Conventional Hydroelectric	WAT	HY
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTA	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTB	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTC	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	STM	24.0	Natural Gas Fired Combined Cycle	NG	CA
2023	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Horseshoe Lake	OK	2951	6	169.0	Other Natural Gas	NG	ST
2034	4	58944	Enerparc CA 1, LLC	IPP	Enerparc CA1 LLC	CA	59122	ECA11	1.5	Solar Photovoltaic	SUN	PV
2036	7	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	CTG2	160.0	Natural Gas Fired Combined Cycle	NG	CT
2036	7	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	STG1	140.0	Natural Gas Fired Combined Cycle	NG	CA

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-October 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%
May	53.9%	43.8%	4.5%	9.4%	20.4%	10.6%	0.6%	9.3%
June	64.3%	50.1%	4.8%	11.0%	16.9%	15.0%	0.9%	7.0%
July	67.9%	56.6%	5.4%	14.6%	23.7%	16.2%	1.1%	8.7%
August	67.5%	60.6%	6.1%	16.1%	29.2%	15.3%	1.5%	8.3%
Sept	59.5%	55.1%	5.3%	12.2%	22.8%	13.7%	0.8%	8.0%
October	50.9%	48.4%	4.7%	10.3%	22.2%	9.7%	0.8%	6.5%

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-October 2014

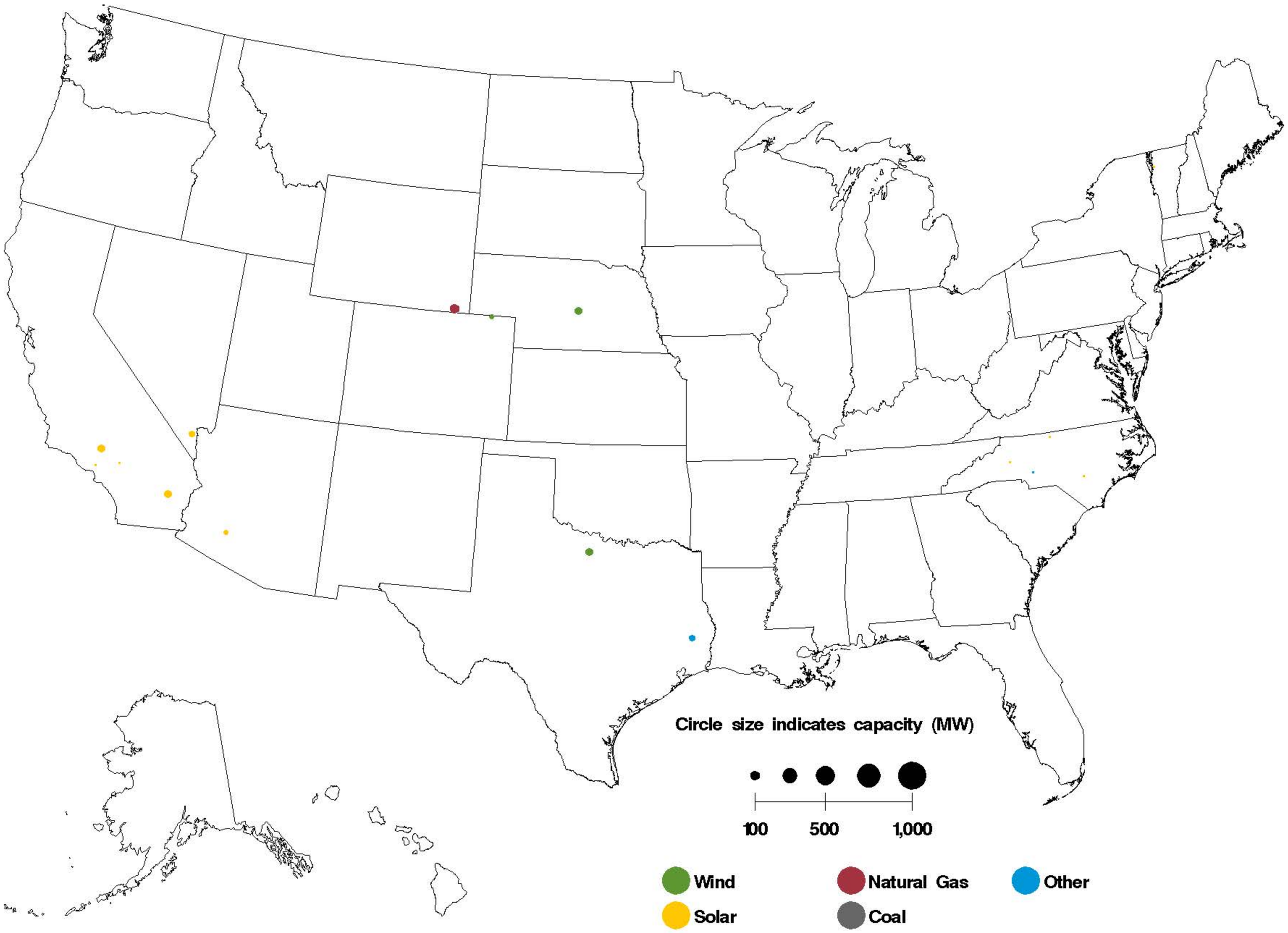
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2008	91.1%	37.2%	31.7%	NA	NA	69.9%	66.5%	74.7%
2009	90.3%	39.6%	28.1%	NA	NA	70.2%	62.1%	73.3%
2010	91.1%	37.6%	29.8%	NA	NA	70.8%	57.8%	71.9%
2011	89.1%	45.9%	32.1%	NA	NA	70.0%	56.3%	71.8%
2012	86.1%	39.6%	31.8%	NA	NA	68.0%	57.3%	68.2%
2013	90.1%	38.1%	32.3%	NA	NA	69.6%	50.8%	66.0%
2012								
January	95.8%	39.0%	39.0%	NA	NA	65.8%	60.1%	67.4%
February	90.3%	36.6%	33.5%	NA	NA	66.0%	60.1%	68.2%
March	81.7%	43.8%	39.0%	NA	NA	65.9%	55.1%	66.9%
April	76.4%	46.0%	36.5%	NA	NA	66.7%	47.5%	67.6%
May	82.1%	48.5%	34.5%	NA	NA	68.1%	51.7%	67.7%
June	89.0%	46.7%	33.6%	NA	NA	69.9%	59.8%	67.6%
July	91.3%	45.0%	23.6%	NA	NA	70.8%	61.6%	67.7%
August	91.8%	38.9%	22.4%	NA	NA	68.7%	63.2%	66.8%
Sept	88.0%	30.8%	23.8%	NA	NA	67.7%	59.4%	68.9%
October	78.8%	27.9%	32.6%	NA	NA	67.3%	54.1%	68.1%
November	77.3%	32.6%	30.0%	NA	NA	68.7%	57.1%	70.8%
December	90.5%	38.8%	34.1%	NA	NA	70.7%	57.7%	70.6%
2013								
January	94.2%	41.9%	33.2%	NA	NA	65.8%	53.1%	69.1%
February	90.5%	37.4%	34.9%	NA	NA	64.0%	51.8%	68.5%
March	83.6%	34.2%	35.5%	NA	NA	69.8%	52.2%	69.0%
April	77.7%	43.0%	40.4%	NA	NA	69.6%	34.4%	66.1%
May	83.4%	47.8%	36.9%	NA	NA	73.4%	46.9%	64.7%
June	93.2%	47.3%	32.3%	NA	NA	74.4%	48.9%	65.0%
July	95.8%	45.2%	25.3%	NA	NA	73.1%	53.1%	66.0%
August	96.9%	36.0%	21.8%	NA	NA	70.7%	61.0%	64.9%
Sept	92.3%	29.0%	27.5%	NA	NA	69.1%	54.2%	66.2%
October	85.8%	28.9%	31.2%	NA	NA	67.3%	48.9%	67.2%
November	91.2%	30.7%	37.1%	NA	NA	68.3%	52.8%	61.1%
December	96.7%	35.2%	31.6%	NA	NA	69.9%	51.5%	65.0%
2014								
January	99.2%	35.6%	40.1%	NA	NA	63.5%	55.1%	62.8%
February	94.1%	32.1%	34.3%	NA	NA	61.4%	53.7%	62.2%
March	84.6%	41.4%	39.4%	NA	NA	69.2%	50.5%	62.4%
April	79.0%	44.2%	43.0%	NA	NA	68.9%	37.9%	63.6%
May	85.4%	45.2%	34.3%	NA	NA	71.2%	42.2%	62.8%
June	95.6%	46.0%	35.8%	NA	NA	70.4%	54.2%	63.5%
July	97.5%	41.5%	26.5%	NA	NA	72.7%	55.5%	62.0%
August	96.4%	34.0%	22.4%	33.0%	25.0%	72.3%	59.0%	65.7%
Sept	94.5%	28.1%	26.0%	33.1%	25.9%	69.7%	51.6%	67.0%
October	84.5%	29.0%	31.5%	28.4%	20.8%	68.4%	51.2%	69.1%

Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. NA = Not Available

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

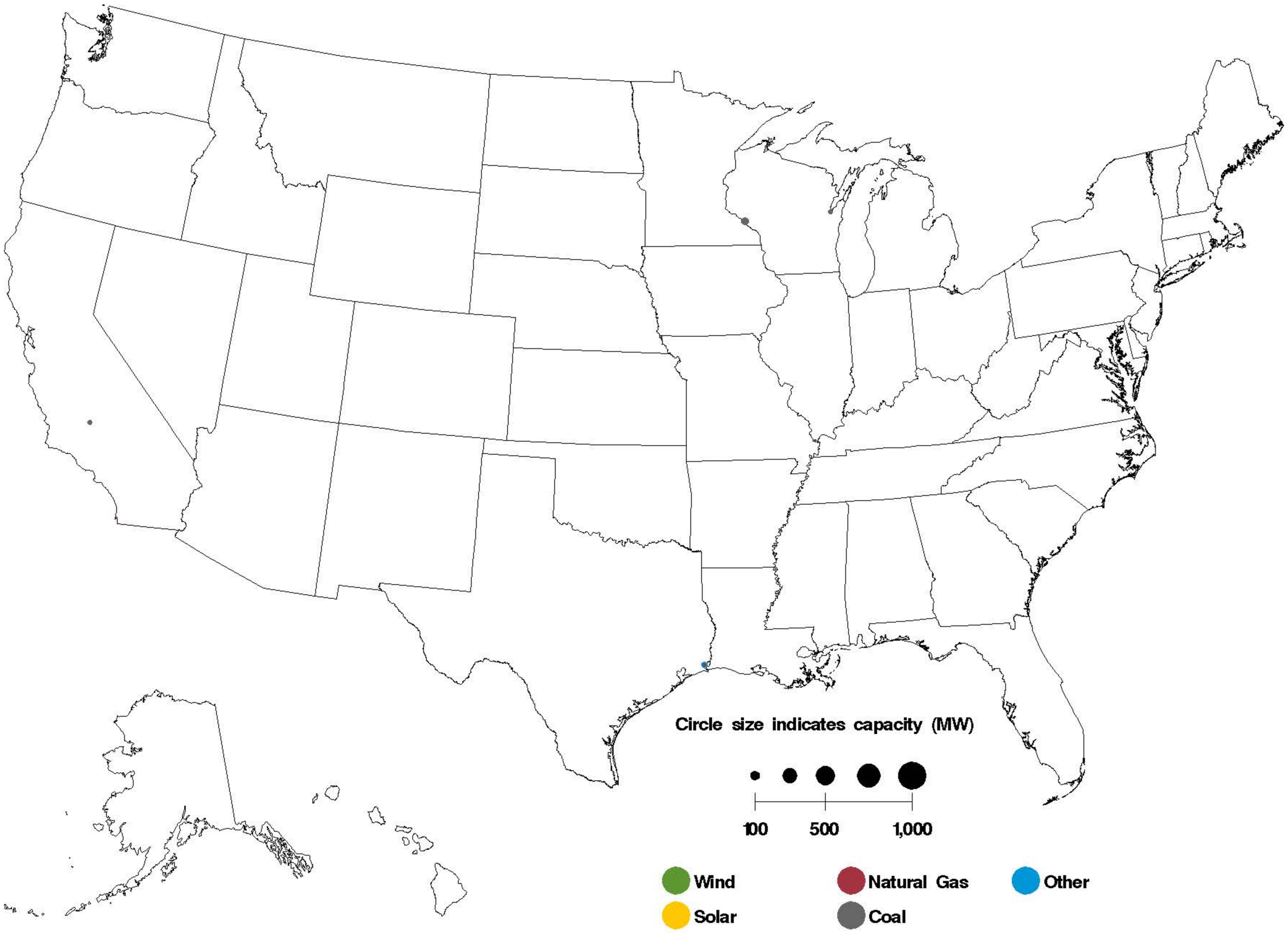
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



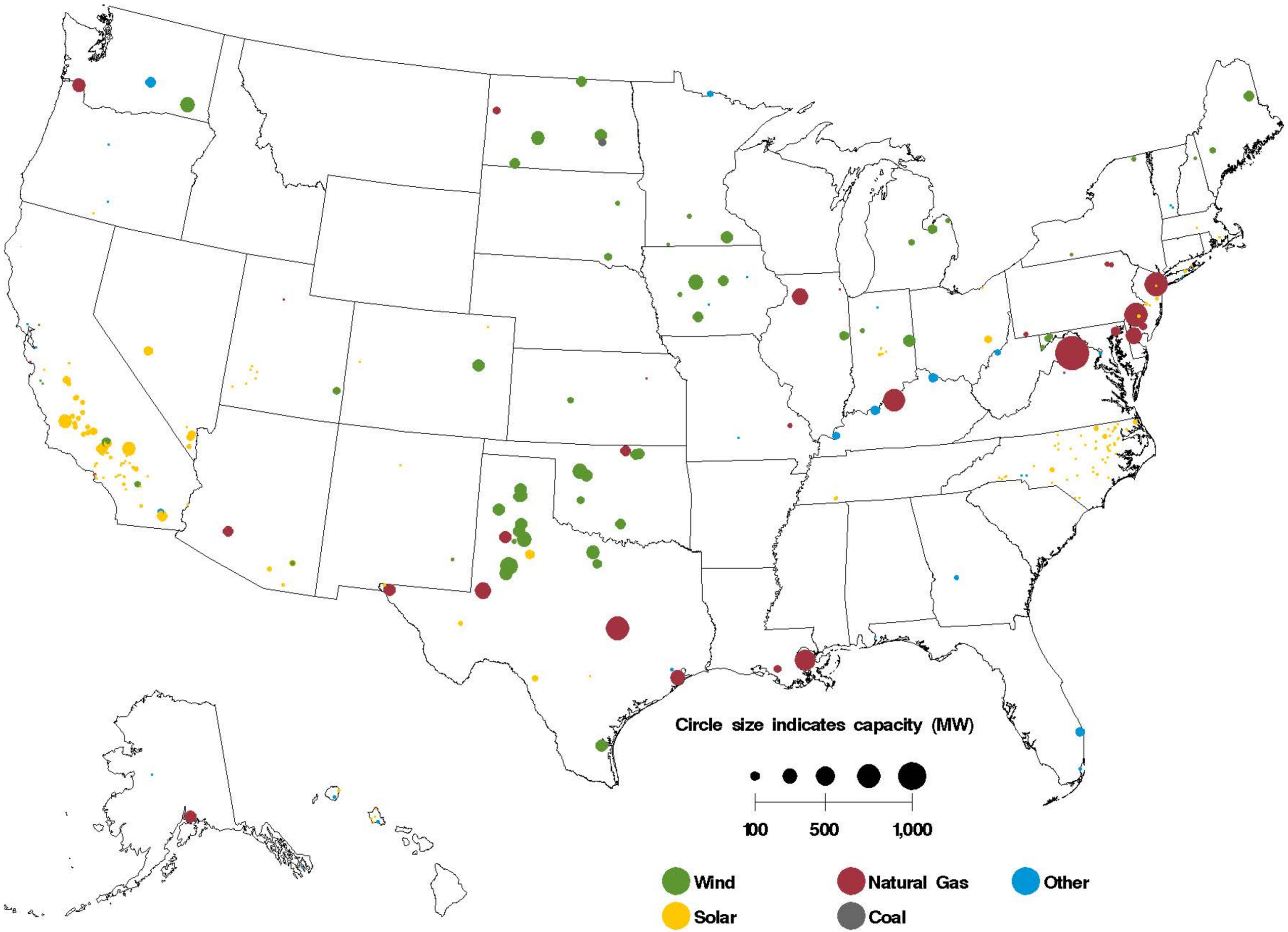
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

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



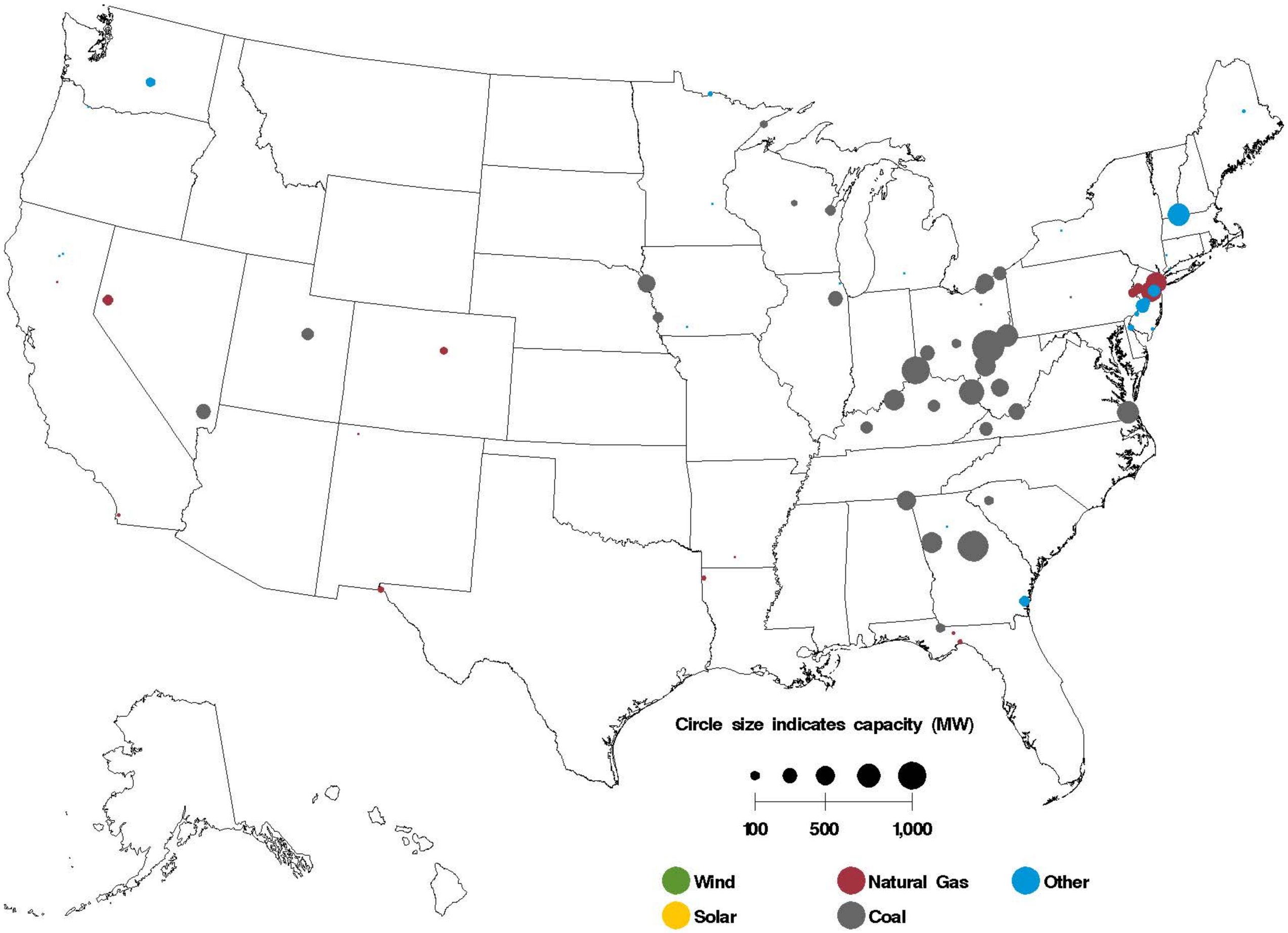
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from November 2014 to October 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 November 2014 to October 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, October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**28**	**14**	**0**	**4**	**0**	**0**	**9**
Connecticut	0	32	0	9	0	0	46
Maine	0	21	0	30	0	0	12
Massachusetts	112	19	0	5	0	0	26
New Hampshire	0	61	0	4	0	0	20
Rhode Island	0	46	0	4	0	0	397
Vermont	0	220	0	0	0	0	25
Middle Atlantic	**2**	**7**	**105**	**3**	**13**	**0**	**2**
New Jersey	0	38	239	6	0	0	296
New York	13	7	0	5	0	0	2
Pennsylvania	3	11	116	3	13	0	15
East North Central	**0**	**4**	**9**	**3**	**7**	**0**	**22**
Illinois	0	6	0	12	47	0	55
Indiana	1	4	0	8	8	0	15
Michigan	2	9	13	6	0	0	49
Ohio	1	3	10	6	28	0	31
Wisconsin	1	30	0	4	0	0	44
West North Central	**1**	**7**	**0**	**5**	**129**	**0**	**5**
Iowa	2	12	0	23	0	0	68
Kansas	0	11	0	26	0	0	248
Minnesota	3	41	0	6	0	0	78
Missouri	1	5	0	8	0	0	9
Nebraska	2	16	0	41	0	0	50
North Dakota	3	26	0	209	129	0	0
South Dakota	0	128	0	84	0	0	1
South Atlantic	**0**	**3**	**0**	**1**	**0**	**0**	**5**
Delaware	0	196	0	6	0	0	0
District of Columbia	0	0	0	491	0	0	0
Florida	0	8	0	1	0	0	66
Georgia	0	12	0	0	0	0	11
Maryland	0	22	0	31	0	0	5
North Carolina	1	8	0	1	0	0	7
South Carolina	0	20	0	3	0	0	18
Virginia	2	3	0	1	0	0	23
West Virginia	0	0	0	1	0	0	16
East South Central	**1**	**6**	**0**	**1**	**26**	**0**	**3**
Alabama	1	31	0	1	27	0	4
Kentucky	1	4	0	70	0	0	5
Mississippi	0	13	0	1	0	0	0
Tennessee	0	2	0	9	0	0	5
West South Central	**0**	**3**	**5**	**1**	**3**	**0**	**6**
Arkansas	0	0	0	2	0	0	10
Louisiana	0	2	5	1	4	0	0
Oklahoma	1	24	0	1	0	0	10
Texas	0	5	32	1	5	0	29
Mountain	**1**	**10**	**0**	**1**	**7**	**0**	**6**
Arizona	0	9	0	1	0	0	3
Colorado	0	64	0	2	0	0	41
Idaho	73	1,130	0	8	0	0	14
Montana	5	21	0	104	0	0	8
Nevada	0	1	0	1	0	0	8
New Mexico	0	21	0	6	0	0	111
Utah	3	22	0	4	248	0	62
Wyoming	2	7	0	46	7	0	24
Pacific Contiguous	**1**	**16**	**355**	**1**	**8**	**0**	**2**
California	18	18	355	1	10	0	7
Oregon	0	0	0	1	0	0	4
Washington	0	61	0	3	0	0	2
Pacific Noncontiguous	**6**	**2**	**0**	**14**	**107**	**0**	**25**
Alaska	18	7	0	14	520	0	25
Hawaii	4	2	0	0	109	0	121
U.S. Total	**0**	**2**	**4**	**1**	**4**	**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, October 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**	**22**	**3**	**0**	**5**	**2**
Connecticut	0	0	0	150	5	0	6	5
Maine	0	0	0	0	3	0	16	8
Massachusetts	0	0	0	24	8	0	5	3
New Hampshire	0	0	0	0	7	0	31	2
Rhode Island	0	0	0	128	12	0	0	4
Vermont	0	0	0	84	8	0	0	4
Middle Atlantic	**0**	**0**	**0**	**18**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	20	9	0	6	3
New York	0	0	0	41	2	0	8	2
Pennsylvania	0	0	0	54	3	0	7	1
East North Central	**0**	**0**	**0**	**30**	**1**	**0**	**9**	**0**
Illinois	0	0	0	61	1	0	34	0
Indiana	0	0	0	40	2	0	4	1
Michigan	0	0	0	0	3	0	11	1
Ohio	0	0	0	61	5	0	0	1
Wisconsin	0	0	0	0	5	0	53	1
West North Central	**0**	**0**	**0**	**109**	**1**	**0**	**12**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	257	2	0	13	2
Missouri	0	0	0	121	3	0	0	1
Nebraska	0	0	0	0	3	0	0	2
North Dakota	0	0	0	0	1	0	33	2
South Dakota	0	0	0	0	0	0	0	2
South Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**4**	**0**
Delaware	0	0	0	64	37	0	0	6
District of Columbia	0	0	0	0	0	0	0	491
Florida	0	0	0	13	5	0	4	0
Georgia	0	0	0	33	6	0	7	0
Maryland	0	0	0	42	6	0	1	2
North Carolina	0	0	0	17	7	0	42	1
South Carolina	0	0	0	212	2	0	0	0
Virginia	0	0	0	0	3	0	9	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**87**	**6**	**0**	**0**	**0**
Alabama	0	0	0	0	10	0	0	1
Kentucky	0	0	0	0	9	0	0	1
Mississippi	0	0	0	0	7	0	0	0
Tennessee	0	0	0	87	17	0	0	1
West South Central	**0**	**0**	**0**	**26**	**1**	**0**	**11**	**0**
Arkansas	0	0	0	0	6	0	0	0
Louisiana	0	0	0	0	11	0	9	1
Oklahoma	0	0	0	0	1	0	123	1
Texas	0	0	0	26	1	0	19	0
Mountain	**0**	**4**	**0**	**4**	**1**	**0**	**9**	**1**
Arizona	0	0	0	5	4	0	0	0
Colorado	0	0	0	22	2	0	72	1
Idaho	0	28	0	0	5	0	0	8
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	6	3	0	242	1
New Mexico	0	141	0	17	5	0	0	2
Utah	0	4	0	294	4	0	254	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**2**	**0**	**3**	**1**	**0**	**13**	**1**
California	0	2	0	3	1	0	18	1
Oregon	0	0	0	97	3	0	38	2
Washington	0	0	0	0	2	0	17	1
Pacific Noncontiguous	**0**	**0**	**0**	**59**	**7**	**0**	**0**	**4**
Alaska	0	0	0	0	44	0	0	10
Hawaii	0	0	0	59	6	0	0	2
U.S. Total	**0**	**2**	**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 October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**28**	**14**	**0**	**4**	**0**	**0**	**9**
Connecticut	0	32	0	9	0	0	46
Maine	0	21	0	30	0	0	12
Massachusetts	112	19	0	5	0	0	26
New Hampshire	0	61	0	4	0	0	20
Rhode Island	0	46	0	4	0	0	397
Vermont	0	220	0	0	0	0	25
Middle Atlantic	**2**	**7**	**105**	**3**	**13**	**0**	**2**
New Jersey	0	38	239	6	0	0	296
New York	13	7	0	5	0	0	2
Pennsylvania	3	11	116	3	13	0	15
East North Central	**0**	**4**	**9**	**3**	**7**	**0**	**22**
Illinois	0	6	0	12	47	0	55
Indiana	1	4	0	8	8	0	15
Michigan	2	9	13	6	0	0	49
Ohio	1	3	10	6	28	0	31
Wisconsin	1	30	0	4	0	0	44
West North Central	**1**	**7**	**0**	**5**	**129**	**0**	**5**
Iowa	2	12	0	23	0	0	68
Kansas	0	11	0	26	0	0	248
Minnesota	3	41	0	6	0	0	78
Missouri	1	5	0	8	0	0	9
Nebraska	2	16	0	41	0	0	50
North Dakota	3	26	0	209	129	0	0
South Dakota	0	128	0	84	0	0	1
South Atlantic	**0**	**3**	**0**	**1**	**0**	**0**	**5**
Delaware	0	196	0	6	0	0	0
District of Columbia	0	0	0	491	0	0	0
Florida	0	8	0	1	0	0	66
Georgia	0	12	0	0	0	0	11
Maryland	0	22	0	31	0	0	5
North Carolina	1	8	0	1	0	0	7
South Carolina	0	20	0	3	0	0	18
Virginia	2	3	0	1	0	0	23
West Virginia	0	0	0	1	0	0	16
East South Central	**1**	**6**	**0**	**1**	**26**	**0**	**3**
Alabama	1	31	0	1	27	0	4
Kentucky	1	4	0	70	0	0	5
Mississippi	0	13	0	1	0	0	0
Tennessee	0	2	0	9	0	0	5
West South Central	**0**	**3**	**5**	**1**	**3**	**0**	**6**
Arkansas	0	0	0	2	0	0	10
Louisiana	0	2	5	1	4	0	0
Oklahoma	1	24	0	1	0	0	10
Texas	0	5	32	1	5	0	29
Mountain	**1**	**10**	**0**	**1**	**7**	**0**	**6**
Arizona	0	9	0	1	0	0	3
Colorado	0	64	0	2	0	0	41
Idaho	73	1,130	0	8	0	0	14
Montana	5	21	0	104	0	0	8
Nevada	0	1	0	1	0	0	8
New Mexico	0	21	0	6	0	0	111
Utah	3	22	0	4	248	0	62
Wyoming	2	7	0	46	7	0	24
Pacific Contiguous	**1**	**16**	**355**	**1**	**8**	**0**	**2**
California	18	18	355	1	10	0	7
Oregon	0	0	0	1	0	0	4
Washington	0	61	0	3	0	0	2
Pacific Noncontiguous	**6**	**2**	**0**	**14**	**107**	**0**	**25**
Alaska	18	7	0	14	520	0	25
Hawaii	4	2	0	0	109	0	121
U.S. Total	**0**	**2**	**4**	**1**	**4**	**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 October 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**	**22**	**3**	**0**	**5**	**2**
Connecticut	0	0	0	150	5	0	6	5
Maine	0	0	0	0	3	0	16	8
Massachusetts	0	0	0	24	8	0	5	3
New Hampshire	0	0	0	0	7	0	31	2
Rhode Island	0	0	0	128	12	0	0	4
Vermont	0	0	0	84	8	0	0	4
Middle Atlantic	**0**	**0**	**0**	**18**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	20	9	0	6	3
New York	0	0	0	41	2	0	8	2
Pennsylvania	0	0	0	54	3	0	7	1
East North Central	**0**	**0**	**0**	**30**	**1**	**0**	**9**	**0**
Illinois	0	0	0	61	1	0	34	0
Indiana	0	0	0	40	2	0	4	1
Michigan	0	0	0	0	3	0	11	1
Ohio	0	0	0	61	5	0	0	1
Wisconsin	0	0	0	0	5	0	53	1
West North Central	**0**	**0**	**0**	**109**	**1**	**0**	**12**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	257	2	0	13	2
Missouri	0	0	0	121	3	0	0	1
Nebraska	0	0	0	0	3	0	0	2
North Dakota	0	0	0	0	1	0	33	2
South Dakota	0	0	0	0	0	0	0	2
South Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**4**	**0**
Delaware	0	0	0	64	37	0	0	6
District of Columbia	0	0	0	0	0	0	0	491
Florida	0	0	0	13	5	0	4	0
Georgia	0	0	0	33	6	0	7	0
Maryland	0	0	0	42	6	0	1	2
North Carolina	0	0	0	17	7	0	42	1
South Carolina	0	0	0	212	2	0	0	0
Virginia	0	0	0	0	3	0	9	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**87**	**6**	**0**	**0**	**0**
Alabama	0	0	0	0	10	0	0	1
Kentucky	0	0	0	0	9	0	0	1
Mississippi	0	0	0	0	7	0	0	0
Tennessee	0	0	0	87	17	0	0	1
West South Central	**0**	**0**	**0**	**26**	**1**	**0**	**11**	**0**
Arkansas	0	0	0	0	6	0	0	0
Louisiana	0	0	0	0	11	0	9	1
Oklahoma	0	0	0	0	1	0	123	1
Texas	0	0	0	26	1	0	19	0
Mountain	**0**	**4**	**0**	**4**	**1**	**0**	**9**	**1**
Arizona	0	0	0	5	4	0	0	0
Colorado	0	0	0	22	2	0	72	1
Idaho	0	28	0	0	5	0	0	8
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	6	3	0	242	1
New Mexico	0	141	0	17	5	0	0	2
Utah	0	4	0	294	4	0	254	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**2**	**0**	**3**	**1**	**0**	**13**	**1**
California	0	2	0	3	1	0	18	1
Oregon	0	0	0	97	3	0	38	2
Washington	0	0	0	0	2	0	17	1
Pacific Noncontiguous	**0**	**0**	**0**	**59**	**7**	**0**	**0**	**4**
Alaska	0	0	0	0	44	0	0	10
Hawaii	0	0	0	59	6	0	0	2
U.S. Total	**0**	**2**	**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, October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**25**	**0**	**5**	**0**	**0**	**26**
Connecticut	0	63	0	0	0	0	159
Maine	0	436	0	0	0	0	0
Massachusetts	0	27	0	6	0	0	52
New Hampshire	0	31	0	0	0	0	30
Rhode Island	0	40	0	0	0	0	0
Vermont	0	240	0	0	0	0	43
Middle Atlantic	**506**	**9**	**0**	**11**	**0**	**0**	**1**
New Jersey	0	339	0	0	0	0	0
New York	506	9	0	11	0	0	1
Pennsylvania	0	309	0	1,896	0	0	16
East North Central	**1**	**5**	**0**	**4**	**0**	**0**	**24**
Illinois	0	18	0	81	0	0	116
Indiana	1	3	0	3	0	0	15
Michigan	2	9	0	13	0	0	52
Ohio	1	4	0	5	0	0	31
Wisconsin	1	32	0	10	0	0	46
West North Central	**1**	**7**	**0**	**7**	**0**	**0**	**4**
Iowa	2	12	0	22	0	0	68
Kansas	0	11	0	28	0	0	0
Minnesota	3	45	0	7	0	0	112
Missouri	1	5	0	11	0	0	9
Nebraska	2	16	0	40	0	0	50
North Dakota	3	27	0	0	0	0	0
South Dakota	0	142	0	84	0	0	1
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**6**
Delaware	0	397	0	971	0	0	0
Florida	0	7	0	0	0	0	66
Georgia	0	8	0	0	0	0	10
Maryland	0	51	0	0	0	0	0
North Carolina	0	4	0	1	0	0	8
South Carolina	0	23	0	2	0	0	18
Virginia	0	5	0	0	0	0	23
West Virginia	0	0	0	0	0	0	37
East South Central	**1**	**2**	**0**	**1**	**0**	**0**	**3**
Alabama	1	0	0	4	0	0	4
Kentucky	1	4	0	25	0	0	5
Mississippi	0	14	0	0	0	0	0
Tennessee	0	0	0	0	0	0	5
West South Central	**0**	**3**	**0**	**1**	**0**	**0**	**8**
Arkansas	0	0	0	10	0	0	10
Louisiana	0	5	0	1	0	0	0
Oklahoma	0	22	0	1	0	0	10
Texas	0	1	0	2	0	0	30
Mountain	**1**	**10**	**0**	**1**	**0**	**0**	**6**
Arizona	0	9	0	1	0	0	3
Colorado	0	64	0	3	0	0	41
Idaho	0	1,130	0	145	0	0	14
Montana	125	15,859	0	107	0	0	9
Nevada	0	2	0	0	0	0	2
New Mexico	0	19	0	9	0	0	111
Utah	3	17	0	2	0	0	62
Wyoming	2	3	0	357	0	0	22
Pacific Contiguous	**0**	**20**	**0**	**2**	**0**	**0**	**2**
California	0	9	0	2	0	0	6
Oregon	0	0	0	0	0	0	4
Washington	0	919	0	3	0	0	2
Pacific Noncontiguous	**0**	**2**	**0**	**14**	**0**	**0**	**25**
Alaska	0	7	0	14	0	0	25
Hawaii	0	2	0	0	0	0	356
U.S. Total	**0**	**2**	**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, October 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**	**116**	**4**	**0**	**0**	**9**
Connecticut	0	0	0	0	0	0	0	86
Maine	0	0	0	0	0	0	0	436
Massachusetts	0	0	0	116	52	0	0	19
New Hampshire	0	0	0	0	0	0	0	9
Rhode Island	0	0	0	0	0	0	0	40
Vermont	0	0	0	0	0	0	0	17
Middle Atlantic	**0**	**0**	**0**	**70**	**70**	**0**	**0**	**3**
New Jersey	0	0	0	70	70	0	0	7
New York	0	0	0	0	0	0	0	3
Pennsylvania	0	0	0	0	0	0	0	18
East North Central	**0**	**0**	**0**	**132**	**3**	**0**	**0**	**1**
Illinois	0	0	0	0	113	0	0	2
Indiana	0	0	0	0	16	0	0	1
Michigan	0	0	0	0	4	0	0	1
Ohio	0	0	0	132	65	0	0	1
Wisconsin	0	0	0	0	1	0	0	2
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**8**	**1**
Iowa	0	0	0	0	1	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	39	0	0	1
Nebraska	0	0	0	0	11	0	0	2
North Dakota	0	0	0	0	1	0	33	3
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**0**	**0**
Delaware	0	0	0	168	168	0	0	435
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	143	143	0	0	93
North Carolina	0	0	0	223	223	0	0	0
South Carolina	0	0	0	0	6	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**27**	**0**	**0**	**0**
Alabama	0	0	0	0	379	0	0	1
Kentucky	0	0	0	0	27	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**	**0**
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	1	0	0	1
Mountain	**0**	**0**	**0**	**20**	**3**	**0**	**242**	**1**
Arizona	0	0	0	21	20	0	0	0
Colorado	0	0	0	0	8	0	0	1
Idaho	0	0	0	0	0	0	0	14
Montana	0	0	0	0	0	0	0	13
Nevada	0	0	0	0	0	0	242	0
New Mexico	0	0	0	51	51	0	0	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**24**	**3**	**0**	**0**	**1**
California	0	0	0	24	8	0	0	2
Oregon	0	0	0	174	3	0	0	3
Washington	0	0	0	0	1	0	0	2
Pacific Noncontiguous	**0**	**0**	**0**	**97**	**29**	**0**	**0**	**5**
Alaska	0	0	0	0	56	0	0	10
Hawaii	0	0	0	97	25	0	0	2
U.S. Total	**0**	**0**	**0**	**12**	**1**	**0**	**6**	**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 October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**25**	**0**	**5**	**0**	**0**	**26**
Connecticut	0	63	0	0	0	0	159
Maine	0	436	0	0	0	0	0
Massachusetts	0	27	0	6	0	0	52
New Hampshire	0	31	0	0	0	0	30
Rhode Island	0	40	0	0	0	0	0
Vermont	0	240	0	0	0	0	43
Middle Atlantic	**506**	**9**	**0**	**11**	**0**	**0**	**1**
New Jersey	0	339	0	0	0	0	0
New York	506	9	0	11	0	0	1
Pennsylvania	0	309	0	1,896	0	0	16
East North Central	**1**	**5**	**0**	**4**	**0**	**0**	**24**
Illinois	0	18	0	81	0	0	116
Indiana	1	3	0	3	0	0	15
Michigan	2	9	0	13	0	0	52
Ohio	1	4	0	5	0	0	31
Wisconsin	1	32	0	10	0	0	46
West North Central	**1**	**7**	**0**	**7**	**0**	**0**	**4**
Iowa	2	12	0	22	0	0	68
Kansas	0	11	0	28	0	0	0
Minnesota	3	45	0	7	0	0	112
Missouri	1	5	0	11	0	0	9
Nebraska	2	16	0	40	0	0	50
North Dakota	3	27	0	0	0	0	0
South Dakota	0	142	0	84	0	0	1
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**6**
Delaware	0	397	0	971	0	0	0
Florida	0	7	0	0	0	0	66
Georgia	0	8	0	0	0	0	10
Maryland	0	51	0	0	0	0	0
North Carolina	0	4	0	1	0	0	8
South Carolina	0	23	0	2	0	0	18
Virginia	0	5	0	0	0	0	23
West Virginia	0	0	0	0	0	0	37
East South Central	**1**	**2**	**0**	**1**	**0**	**0**	**3**
Alabama	1	0	0	4	0	0	4
Kentucky	1	4	0	25	0	0	5
Mississippi	0	14	0	0	0	0	0
Tennessee	0	0	0	0	0	0	5
West South Central	**0**	**3**	**0**	**1**	**0**	**0**	**8**
Arkansas	0	0	0	10	0	0	10
Louisiana	0	5	0	1	0	0	0
Oklahoma	0	22	0	1	0	0	10
Texas	0	1	0	2	0	0	30
Mountain	**1**	**10**	**0**	**1**	**0**	**0**	**6**
Arizona	0	9	0	1	0	0	3
Colorado	0	64	0	3	0	0	41
Idaho	0	1,130	0	145	0	0	14
Montana	125	15,859	0	107	0	0	9
Nevada	0	2	0	0	0	0	2
New Mexico	0	19	0	9	0	0	111
Utah	3	17	0	2	0	0	62
Wyoming	2	3	0	357	0	0	22
Pacific Contiguous	**0**	**20**	**0**	**2**	**0**	**0**	**2**
California	0	9	0	2	0	0	6
Oregon	0	0	0	0	0	0	4
Washington	0	919	0	3	0	0	2
Pacific Noncontiguous	**0**	**2**	**0**	**14**	**0**	**0**	**25**
Alaska	0	7	0	14	0	0	25
Hawaii	0	2	0	0	0	0	356
U.S. Total	**0**	**2**	**0**	**0**	**0**	**0**	**1**

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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 October 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**	**116**	**4**	**0**	**0**	**9**
Connecticut	0	0	0	0	0	0	0	86
Maine	0	0	0	0	0	0	0	436
Massachusetts	0	0	0	116	52	0	0	19
New Hampshire	0	0	0	0	0	0	0	9
Rhode Island	0	0	0	0	0	0	0	40
Vermont	0	0	0	0	0	0	0	17
Middle Atlantic	**0**	**0**	**0**	**70**	**70**	**0**	**0**	**3**
New Jersey	0	0	0	70	70	0	0	7
New York	0	0	0	0	0	0	0	3
Pennsylvania	0	0	0	0	0	0	0	18
East North Central	**0**	**0**	**0**	**132**	**3**	**0**	**0**	**1**
Illinois	0	0	0	0	113	0	0	2
Indiana	0	0	0	0	16	0	0	1
Michigan	0	0	0	0	4	0	0	1
Ohio	0	0	0	132	65	0	0	1
Wisconsin	0	0	0	0	1	0	0	2
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**8**	**1**
Iowa	0	0	0	0	1	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	39	0	0	1
Nebraska	0	0	0	0	11	0	0	2
North Dakota	0	0	0	0	1	0	33	3
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**0**	**0**
Delaware	0	0	0	168	168	0	0	435
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	143	143	0	0	93
North Carolina	0	0	0	223	223	0	0	0
South Carolina	0	0	0	0	6	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**27**	**0**	**0**	**0**
Alabama	0	0	0	0	379	0	0	1
Kentucky	0	0	0	0	27	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**	**0**
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	1	0	0	1
Mountain	**0**	**0**	**0**	**20**	**3**	**0**	**242**	**1**
Arizona	0	0	0	21	20	0	0	0
Colorado	0	0	0	0	8	0	0	1
Idaho	0	0	0	0	0	0	0	14
Montana	0	0	0	0	0	0	0	13
Nevada	0	0	0	0	0	0	242	0
New Mexico	0	0	0	51	51	0	0	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**24**	**3**	**0**	**0**	**1**
California	0	0	0	24	8	0	0	2
Oregon	0	0	0	174	3	0	0	3
Washington	0	0	0	0	1	0	0	2
Pacific Noncontiguous	**0**	**0**	**0**	**97**	**29**	**0**	**0**	**5**
Alaska	0	0	0	0	56	0	0	10
Hawaii	0	0	0	97	25	0	0	2
U.S. Total	**0**	**0**	**0**	**12**	**1**	**0**	**6**	**0**

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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, October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**20**	**0**	**2**	**0**	**0**	**10**
Connecticut	0	33	0	6	0	0	49
Maine	0	9	0	0	0	0	13
Massachusetts	0	38	0	4	0	0	29
New Hampshire	0	57	0	0	0	0	24
Rhode Island	0	0	0	1	0	0	397
Vermont	0	0	0	0	0	0	30
Middle Atlantic	**2**	**11**	**0**	**2**	**0**	**0**	**11**
New Jersey	0	30	0	5	0	0	296
New York	5	28	0	5	0	0	13
Pennsylvania	3	11	0	2	0	0	21
East North Central	**0**	**3**	**0**	**3**	**9**	**0**	**77**
Illinois	0	0	0	5	0	0	52
Indiana	0	195,814	0	50	0	0	0
Michigan	38	3,580	0	5	0	0	161
Ohio	0	1	0	4	31	0	0
Wisconsin	0	1,312	0	0	0	0	206
West North Central	**0**	**88**	**0**	**7**	**0**	**0**	**125**
Iowa	0	115	0	7,464	0	0	767
Kansas	0	0	0	0	0	0	248
Minnesota	0	191	0	6	0	0	138
Missouri	0	0	0	11	0	0	0
South Dakota	0	188	0	0	0	0	0
South Atlantic	**1**	**3**	**0**	**2**	**0**	**0**	**12**
Delaware	0	211	0	7	0	0	0
Florida	0	343	0	6	0	0	0
Georgia	0	59	0	1	0	0	333
Maryland	0	14	0	21	0	0	5
North Carolina	38	162	0	0	0	0	208
South Carolina	0	0	0	11	0	0	112
Virginia	38	2	0	1	0	0	104
West Virginia	1	0	0	1	0	0	15
East South Central	**0**	**114**	**0**	**0**	**0**	**0**	**285**
Alabama	0	114	0	0	0	0	0
Kentucky	0	0	0	0	0	0	285
Mississippi	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**7**
Arkansas	0	0	0	0	0	0	212
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	0	0	0	0	0	0	137
Mountain	**5**	**25**	**0**	**2**	**0**	**0**	**15**
Arizona	0	0	0	0	0	0	0
Colorado	126	0	0	3	0	0	120
Idaho	0	0	0	4	0	0	59
Montana	4	9	0	436	0	0	14
Nevada	0	0	0	4	0	0	240
New Mexico	0	3,584	0	5	0	0	0
Utah	116	190	0	59	0	0	612
Wyoming	75	0	0	537	0	0	547
Pacific Contiguous	**2**	**8**	**355**	**1**	**0**	**0**	**34**
California	32	0	355	1	0	0	40
Oregon	0	0	0	1	0	0	78
Washington	0	40	0	0	0	0	95
Pacific Noncontiguous	**5**	**2**	**0**	**0**	**0**	**0**	**0**
Alaska	45	0	0	0	0	0	0
Hawaii	0	2	0	0	0	0	0
U.S. Total	**1**	**2**	**10**	**1**	**4**	**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, October 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**	**23**	**3**	**0**	**4**	**1**
Connecticut	0	0	0	150	5	0	6	3
Maine	0	0	0	0	2	0	8	5
Massachusetts	0	0	0	24	8	0	5	3
New Hampshire	0	0	0	0	9	0	31	1
Rhode Island	0	0	0	128	12	0	0	1
Vermont	0	0	0	84	25	0	0	4
Middle Atlantic	**0**	**0**	**0**	**20**	**2**	**0**	**4**	**1**
New Jersey	0	0	0	23	10	0	8	2
New York	0	0	0	41	2	0	5	2
Pennsylvania	0	0	0	58	2	0	7	1
East North Central	**0**	**0**	**0**	**31**	**1**	**0**	**16**	**0**
Illinois	0	0	0	61	1	0	0	0
Indiana	0	0	0	40	2	0	0	4
Michigan	0	0	0	0	3	0	16	2
Ohio	0	0	0	72	5	0	0	1
Wisconsin	0	0	0	0	8	0	0	1
West North Central	**0**	**0**	**0**	**109**	**1**	**0**	**21**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	0
Minnesota	0	0	0	257	3	0	21	3
Missouri	0	0	0	121	2	0	0	7
Nebraska	0	0	0	0	3	0	0	3
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**	**4**	**1**
Delaware	0	0	0	69	38	0	0	7
Florida	0	0	0	62	4	0	5	4
Georgia	0	0	0	33	13	0	0	1
Maryland	0	0	0	45	5	0	0	1
North Carolina	0	0	0	17	10	0	42	5
South Carolina	0	0	0	212	68	0	0	12
Virginia	0	0	0	0	5	0	0	2
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**90**	**9**	**0**	**0**	**0**
Alabama	0	0	0	0	4	0	0	0
Kentucky	0	0	0	0	0	0	0	111
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	90	27	0	0	27
West South Central	**0**	**0**	**0**	**27**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	38	0	0	0
Louisiana	0	0	0	0	34	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	27	1	0	0	0
Mountain	**0**	**4**	**0**	**4**	**1**	**0**	**4**	**2**
Arizona	0	0	0	4	4	0	0	1
Colorado	0	0	0	21	2	0	108	2
Idaho	0	28	0	0	6	0	0	6
Montana	0	0	0	0	4	0	0	4
Nevada	0	4	0	6	3	0	0	3
New Mexico	0	141	0	17	5	0	0	4
Utah	0	10	0	294	5	0	254	33
Wyoming	0	0	0	0	2	0	0	18
Pacific Contiguous	**0**	**2**	**0**	**2**	**1**	**0**	**13**	**1**
California	0	2	0	2	1	0	12	1
Oregon	0	0	0	117	3	0	38	2
Washington	0	0	0	0	2	0	30	1
Pacific Noncontiguous	**0**	**0**	**0**	**74**	**7**	**0**	**0**	**3**
Alaska	0	0	0	0	77	0	0	39
Hawaii	0	0	0	74	6	0	0	1
U.S. Total	**0**	**2**	**0**	**3**	**0**	**0**	**2**	**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 October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**20**	**0**	**2**	**0**	**0**	**10**
Connecticut	0	33	0	6	0	0	49
Maine	0	9	0	0	0	0	13
Massachusetts	0	38	0	4	0	0	29
New Hampshire	0	57	0	0	0	0	24
Rhode Island	0	0	0	1	0	0	397
Vermont	0	0	0	0	0	0	30
Middle Atlantic	**2**	**11**	**0**	**2**	**0**	**0**	**11**
New Jersey	0	30	0	5	0	0	296
New York	5	28	0	5	0	0	13
Pennsylvania	3	11	0	2	0	0	21
East North Central	**0**	**3**	**0**	**3**	**9**	**0**	**77**
Illinois	0	0	0	5	0	0	52
Indiana	0	195,814	0	50	0	0	0
Michigan	38	3,580	0	5	0	0	161
Ohio	0	1	0	4	31	0	0
Wisconsin	0	1,312	0	0	0	0	206
West North Central	**0**	**88**	**0**	**7**	**0**	**0**	**125**
Iowa	0	115	0	7,464	0	0	767
Kansas	0	0	0	0	0	0	248
Minnesota	0	191	0	6	0	0	138
Missouri	0	0	0	11	0	0	0
South Dakota	0	188	0	0	0	0	0
South Atlantic	**1**	**3**	**0**	**2**	**0**	**0**	**12**
Delaware	0	211	0	7	0	0	0
Florida	0	343	0	6	0	0	0
Georgia	0	59	0	1	0	0	333
Maryland	0	14	0	21	0	0	5
North Carolina	38	162	0	0	0	0	208
South Carolina	0	0	0	11	0	0	112
Virginia	38	2	0	1	0	0	104
West Virginia	1	0	0	1	0	0	15
East South Central	**0**	**114**	**0**	**0**	**0**	**0**	**285**
Alabama	0	114	0	0	0	0	0
Kentucky	0	0	0	0	0	0	285
Mississippi	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**7**
Arkansas	0	0	0	0	0	0	212
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	0	0	0	0	0	0	137
Mountain	**5**	**25**	**0**	**2**	**0**	**0**	**15**
Arizona	0	0	0	0	0	0	0
Colorado	126	0	0	3	0	0	120
Idaho	0	0	0	4	0	0	59
Montana	4	9	0	436	0	0	14
Nevada	0	0	0	4	0	0	240
New Mexico	0	3,584	0	5	0	0	0
Utah	116	190	0	59	0	0	612
Wyoming	75	0	0	537	0	0	547
Pacific Contiguous	**2**	**8**	**355**	**1**	**0**	**0**	**34**
California	32	0	355	1	0	0	40
Oregon	0	0	0	1	0	0	78
Washington	0	40	0	0	0	0	95
Pacific Noncontiguous	**5**	**2**	**0**	**0**	**0**	**0**	**0**
Alaska	45	0	0	0	0	0	0
Hawaii	0	2	0	0	0	0	0
U.S. Total	**1**	**2**	**10**	**1**	**4**	**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 October 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**	**23**	**3**	**0**	**4**	**1**
Connecticut	0	0	0	150	5	0	6	3
Maine	0	0	0	0	2	0	8	5
Massachusetts	0	0	0	24	8	0	5	3
New Hampshire	0	0	0	0	9	0	31	1
Rhode Island	0	0	0	128	12	0	0	1
Vermont	0	0	0	84	25	0	0	4
Middle Atlantic	**0**	**0**	**0**	**20**	**2**	**0**	**4**	**1**
New Jersey	0	0	0	23	10	0	8	2
New York	0	0	0	41	2	0	5	2
Pennsylvania	0	0	0	58	2	0	7	1
East North Central	**0**	**0**	**0**	**31**	**1**	**0**	**16**	**0**
Illinois	0	0	0	61	1	0	0	0
Indiana	0	0	0	40	2	0	0	4
Michigan	0	0	0	0	3	0	16	2
Ohio	0	0	0	72	5	0	0	1
Wisconsin	0	0	0	0	8	0	0	1
West North Central	**0**	**0**	**0**	**109**	**1**	**0**	**21**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	0
Minnesota	0	0	0	257	3	0	21	3
Missouri	0	0	0	121	2	0	0	7
Nebraska	0	0	0	0	3	0	0	3
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**	**4**	**1**
Delaware	0	0	0	69	38	0	0	7
Florida	0	0	0	62	4	0	5	4
Georgia	0	0	0	33	13	0	0	1
Maryland	0	0	0	45	5	0	0	1
North Carolina	0	0	0	17	10	0	42	5
South Carolina	0	0	0	212	68	0	0	12
Virginia	0	0	0	0	5	0	0	2
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**90**	**9**	**0**	**0**	**0**
Alabama	0	0	0	0	4	0	0	0
Kentucky	0	0	0	0	0	0	0	111
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	90	27	0	0	27
West South Central	**0**	**0**	**0**	**27**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	38	0	0	0
Louisiana	0	0	0	0	34	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	27	1	0	0	0
Mountain	**0**	**4**	**0**	**4**	**1**	**0**	**4**	**2**
Arizona	0	0	0	4	4	0	0	1
Colorado	0	0	0	21	2	0	108	2
Idaho	0	28	0	0	6	0	0	6
Montana	0	0	0	0	4	0	0	4
Nevada	0	4	0	6	3	0	0	3
New Mexico	0	141	0	17	5	0	0	4
Utah	0	10	0	294	5	0	254	33
Wyoming	0	0	0	0	2	0	0	18
Pacific Contiguous	**0**	**2**	**0**	**2**	**1**	**0**	**13**	**1**
California	0	2	0	2	1	0	12	1
Oregon	0	0	0	117	3	0	38	2
Washington	0	0	0	0	2	0	30	1
Pacific Noncontiguous	**0**	**0**	**0**	**74**	**7**	**0**	**0**	**3**
Alaska	0	0	0	0	77	0	0	39
Hawaii	0	0	0	74	6	0	0	1
U.S. Total	**0**	**2**	**0**	**3**	**0**	**0**	**2**	**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, October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**25**	**0**	**101**	**0**	**0**	**353**
Connecticut	0	926	0	196	0	0	0
Maine	0	284	0	701	0	0	0
Massachusetts	0	23	0	92	0	0	353
New Hampshire	0	115	0	771	0	0	0
Rhode Island	0	180	0	515	0	0	0
Vermont	0	436	0	0	0	0	0
Middle Atlantic	**187**	**69**	**0**	**104**	**0**	**0**	**420**
New Jersey	0	175	0	313	0	0	0
New York	0	92	0	100	0	0	420
Pennsylvania	187	122	0	333	0	0	0
East North Central	**50**	**164**	**0**	**56**	**0**	**0**	**587**
Illinois	53	130	0	87	0	0	587
Indiana	131	822	0	281	0	0	0
Michigan	0	59	0	33	0	0	0
Ohio	84	277	0	227	0	0	0
Wisconsin	262	2,546	0	120	0	0	0
West North Central	**30**	**134**	**0**	**58**	**0**	**0**	**0**
Iowa	49	335	0	232	0	0	0
Minnesota	0	156	0	108	0	0	0
Missouri	0	521	0	0	0	0	0
Nebraska	0	0	0	1,694	0	0	0
North Dakota	0	607	0	0	0	0	0
South Dakota	0	884	0	0	0	0	0
South Atlantic	**203**	**83**	**0**	**185**	**0**	**0**	**138**
District of Columbia	0	0	0	491	0	0	0
Florida	0	0	0	126	0	0	0
Georgia	0	118	0	0	0	0	0
Maryland	165	100	0	244	0	0	0
North Carolina	0	329	0	0	0	0	138
South Carolina	0	464	0	385	0	0	1,738
Virginia	406	74	0	0	0	0	0
East South Central	**141**	**442**	**0**	**271**	**0**	**0**	**0**
Mississippi	0	0	0	235	0	0	0
Tennessee	141	442	0	307	0	0	0
West South Central	**0**	**389**	**0**	**26**	**0**	**0**	**0**
Arkansas	0	0	0	1,194	0	0	0
Louisiana	0	0	0	168	0	0	0
Oklahoma	0	7,146	0	120	0	0	0
Texas	0	389	0	26	0	0	0
Mountain	**0**	**659**	**0**	**43**	**0**	**0**	**625**
Arizona	0	659	0	68	0	0	0
Colorado	0	0	0	0	0	0	625
Nevada	0	0	0	86	0	0	0
New Mexico	0	0	0	89	0	0	0
Utah	0	0	0	108	0	0	0
Pacific Contiguous	**0**	**27**	**0**	**18**	**0**	**0**	**1,086**
California	0	27	0	18	0	0	1,086
Oregon	0	0	0	224	0	0	0
Washington	0	751	0	279	0	0	0
Pacific Noncontiguous	**16**	**49**	**0**	**867**	**0**	**0**	**0**
Alaska	16	63	0	867	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**17**	**17**	**0**	**26**	**0**	**0**	**180**

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, October 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**	**437**	**37**	**0**	**54**	**71**
Connecticut	0	0	0	0	0	0	0	196
Maine	0	0	0	0	45	0	54	75
Massachusetts	0	0	0	437	91	0	0	75
New Hampshire	0	0	0	0	84	0	0	255
Rhode Island	0	0	0	0	0	0	0	480
Vermont	0	0	0	0	474	0	0	398
Middle Atlantic	**0**	**0**	**0**	**43**	**17**	**0**	**20**	**44**
New Jersey	0	0	0	43	21	0	0	69
New York	0	0	0	0	31	0	36	52
Pennsylvania	0	0	0	602	47	0	0	206
East North Central	**0**	**0**	**0**	**237**	**16**	**0**	**18**	**39**
Illinois	0	0	0	0	536	0	0	77
Indiana	0	0	0	0	99	0	121	179
Michigan	0	0	0	0	15	0	16	18
Ohio	0	0	0	237	237	0	0	221
Wisconsin	0	0	0	0	145	0	0	105
West North Central	**0**	**0**	**0**	**0**	**37**	**0**	**101**	**26**
Iowa	0	0	0	0	86	0	0	44
Minnesota	0	0	0	0	67	0	101	68
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	113	0	0	133
North Dakota	0	0	0	0	0	0	0	607
South Dakota	0	0	0	0	0	0	0	884
South Atlantic	**0**	**0**	**0**	**62**	**19**	**0**	**19**	**56**
Delaware	0	0	0	0	218	0	0	218
District of Columbia	0	0	0	0	0	0	0	491
Florida	0	0	0	336	88	0	0	85
Georgia	0	0	0	226	82	0	0	79
Maryland	0	0	0	191	86	0	742	184
North Carolina	0	0	0	70	70	0	0	63
South Carolina	0	0	0	0	0	0	0	367
Virginia	0	0	0	0	16	0	19	14
East South Central	**0**	**0**	**0**	**299**	**299**	**0**	**0**	**235**
Mississippi	0	0	0	0	0	0	0	235
Tennessee	0	0	0	299	299	0	0	262
West South Central	**0**	**0**	**0**	**284**	**79**	**0**	**0**	**24**
Arkansas	0	0	0	0	198	0	0	218
Louisiana	0	0	0	0	0	0	0	168
Oklahoma	0	0	0	0	0	0	0	120
Texas	0	0	0	284	83	0	0	25
Mountain	**0**	**0**	**0**	**58**	**55**	**0**	**0**	**36**
Arizona	0	0	0	111	111	0	0	59
Colorado	0	0	0	116	108	0	0	167
Nevada	0	0	0	82	82	0	0	62
New Mexico	0	0	0	0	194	0	0	85
Utah	0	0	0	0	0	0	0	108
Pacific Contiguous	**0**	**0**	**0**	**48**	**13**	**0**	**0**	**12**
California	0	0	0	48	13	0	0	12
Oregon	0	0	0	0	101	0	0	135
Washington	0	0	0	0	0	0	0	276
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**
Alaska	0	0	0	0	0	0	0	18
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**28**	**9**	**0**	**10**	**14**

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 October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**25**	**0**	**101**	**0**	**0**	**353**
Connecticut	0	926	0	196	0	0	0
Maine	0	284	0	701	0	0	0
Massachusetts	0	23	0	92	0	0	353
New Hampshire	0	115	0	771	0	0	0
Rhode Island	0	180	0	515	0	0	0
Vermont	0	436	0	0	0	0	0
Middle Atlantic	**187**	**69**	**0**	**104**	**0**	**0**	**420**
New Jersey	0	175	0	313	0	0	0
New York	0	92	0	100	0	0	420
Pennsylvania	187	122	0	333	0	0	0
East North Central	**50**	**164**	**0**	**56**	**0**	**0**	**587**
Illinois	53	130	0	87	0	0	587
Indiana	131	822	0	281	0	0	0
Michigan	0	59	0	33	0	0	0
Ohio	84	277	0	227	0	0	0
Wisconsin	262	2,546	0	120	0	0	0
West North Central	**30**	**134**	**0**	**58**	**0**	**0**	**0**
Iowa	49	335	0	232	0	0	0
Minnesota	0	156	0	108	0	0	0
Missouri	0	521	0	0	0	0	0
Nebraska	0	0	0	1,694	0	0	0
North Dakota	0	607	0	0	0	0	0
South Dakota	0	884	0	0	0	0	0
South Atlantic	**203**	**83**	**0**	**185**	**0**	**0**	**138**
District of Columbia	0	0	0	491	0	0	0
Florida	0	0	0	126	0	0	0
Georgia	0	118	0	0	0	0	0
Maryland	165	100	0	244	0	0	0
North Carolina	0	329	0	0	0	0	138
South Carolina	0	464	0	385	0	0	1,738
Virginia	406	74	0	0	0	0	0
East South Central	**141**	**442**	**0**	**271**	**0**	**0**	**0**
Mississippi	0	0	0	235	0	0	0
Tennessee	141	442	0	307	0	0	0
West South Central	**0**	**389**	**0**	**26**	**0**	**0**	**0**
Arkansas	0	0	0	1,194	0	0	0
Louisiana	0	0	0	168	0	0	0
Oklahoma	0	7,146	0	120	0	0	0
Texas	0	389	0	26	0	0	0
Mountain	**0**	**659**	**0**	**43**	**0**	**0**	**625**
Arizona	0	659	0	68	0	0	0
Colorado	0	0	0	0	0	0	625
Nevada	0	0	0	86	0	0	0
New Mexico	0	0	0	89	0	0	0
Utah	0	0	0	108	0	0	0
Pacific Contiguous	**0**	**27**	**0**	**18**	**0**	**0**	**1,086**
California	0	27	0	18	0	0	1,086
Oregon	0	0	0	224	0	0	0
Washington	0	751	0	279	0	0	0
Pacific Noncontiguous	**16**	**49**	**0**	**867**	**0**	**0**	**0**
Alaska	16	63	0	867	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**17**	**17**	**0**	**26**	**0**	**0**	**180**

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 October 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**	**437**	**37**	**0**	**54**	**71**
Connecticut	0	0	0	0	0	0	0	196
Maine	0	0	0	0	45	0	54	75
Massachusetts	0	0	0	437	91	0	0	75
New Hampshire	0	0	0	0	84	0	0	255
Rhode Island	0	0	0	0	0	0	0	480
Vermont	0	0	0	0	474	0	0	398
Middle Atlantic	**0**	**0**	**0**	**43**	**17**	**0**	**20**	**44**
New Jersey	0	0	0	43	21	0	0	69
New York	0	0	0	0	31	0	36	52
Pennsylvania	0	0	0	602	47	0	0	206
East North Central	**0**	**0**	**0**	**237**	**16**	**0**	**18**	**39**
Illinois	0	0	0	0	536	0	0	77
Indiana	0	0	0	0	99	0	121	179
Michigan	0	0	0	0	15	0	16	18
Ohio	0	0	0	237	237	0	0	221
Wisconsin	0	0	0	0	145	0	0	105
West North Central	**0**	**0**	**0**	**0**	**37**	**0**	**101**	**26**
Iowa	0	0	0	0	86	0	0	44
Minnesota	0	0	0	0	67	0	101	68
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	113	0	0	133
North Dakota	0	0	0	0	0	0	0	607
South Dakota	0	0	0	0	0	0	0	884
South Atlantic	**0**	**0**	**0**	**62**	**19**	**0**	**19**	**56**
Delaware	0	0	0	0	218	0	0	218
District of Columbia	0	0	0	0	0	0	0	491
Florida	0	0	0	336	88	0	0	85
Georgia	0	0	0	226	82	0	0	79
Maryland	0	0	0	191	86	0	742	184
North Carolina	0	0	0	70	70	0	0	63
South Carolina	0	0	0	0	0	0	0	367
Virginia	0	0	0	0	16	0	19	14
East South Central	**0**	**0**	**0**	**299**	**299**	**0**	**0**	**235**
Mississippi	0	0	0	0	0	0	0	235
Tennessee	0	0	0	299	299	0	0	262
West South Central	**0**	**0**	**0**	**284**	**79**	**0**	**0**	**24**
Arkansas	0	0	0	0	198	0	0	218
Louisiana	0	0	0	0	0	0	0	168
Oklahoma	0	0	0	0	0	0	0	120
Texas	0	0	0	284	83	0	0	25
Mountain	**0**	**0**	**0**	**58**	**55**	**0**	**0**	**36**
Arizona	0	0	0	111	111	0	0	59
Colorado	0	0	0	116	108	0	0	167
Nevada	0	0	0	82	82	0	0	62
New Mexico	0	0	0	0	194	0	0	85
Utah	0	0	0	0	0	0	0	108
Pacific Contiguous	**0**	**0**	**0**	**48**	**13**	**0**	**0**	**12**
California	0	0	0	48	13	0	0	12
Oregon	0	0	0	0	101	0	0	135
Washington	0	0	0	0	0	0	0	276
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**
Alaska	0	0	0	0	0	0	0	18
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**28**	**9**	**0**	**10**	**14**

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, October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**66**	**42**	**0**	**84**	**0**	**0**	**33**
Connecticut	0	226	0	217	0	0	0
Maine	0	24	0	89	0	0	31
Massachusetts	112	1,180	0	289	0	0	406
New Hampshire	0	331	0	722	0	0	684
Middle Atlantic	**14**	**8**	**105**	**100**	**13**	**0**	**105**
New Jersey	0	451	239	264	0	0	0
New York	0	2	0	187	0	0	105
Pennsylvania	25	128	116	127	13	0	0
East North Central	**7**	**18**	**58**	**62**	**10**	**0**	**149**
Illinois	8	3,580	0	173	47	0	0
Indiana	89	11	0	99	8	0	0
Michigan	34	300	142	76	0	0	366
Ohio	24	60	999	238	50	0	0
Wisconsin	13	59	0	59	0	0	163
West North Central	**10**	**107**	**0**	**64**	**129**	**0**	**169**
Iowa	10	284	0	255	0	0	0
Kansas	0	0	0	64	0	0	0
Minnesota	26	152	0	122	0	0	169
Missouri	86	0	0	646	0	0	0
Nebraska	33	0	0	400	0	0	0
North Dakota	68	170	0	310	129	0	0
South Atlantic	**17**	**24**	**0**	**14**	**0**	**0**	**9**
Delaware	0	0	0	0	0	0	0
Florida	86	53	0	18	0	0	0
Georgia	24	36	0	32	0	0	169
Maryland	0	0	0	447	0	0	0
North Carolina	90	73	0	48	0	0	13
South Carolina	29	0	0	71	0	0	0
Virginia	47	56	0	26	0	0	228
West Virginia	6	0	0	0	0	0	9
East South Central	**6**	**55**	**0**	**20**	**26**	**0**	**12**
Alabama	46	59	0	15	27	0	0
Kentucky	0	0	0	233	0	0	0
Mississippi	0	0	0	12	0	0	0
Tennessee	1	310	0	66	0	0	12
West South Central	**62**	**54**	**56**	**2**	**6**	**0**	**0**
Arkansas	0	0	0	24	0	0	0
Louisiana	0	0	89	2	6	0	0
Oklahoma	71	176	0	93	0	0	0
Texas	0	272	32	3	10	0	0
Mountain	**14**	**133**	**0**	**25**	**7**	**0**	**0**
Colorado	486	3,066	0	278	0	0	0
Idaho	73	0	0	189	0	0	0
Montana	203	0	0	0	0	0	0
Nevada	0	0	0	86	0	0	0
New Mexico	0	1,788	0	0	0	0	0
Utah	0	4,662	0	35	248	0	0
Wyoming	32	89	0	27	7	0	0
Pacific Contiguous	**0**	**51**	**0**	**7**	**10**	**0**	**0**
California	0	239	0	7	10	0	0
Oregon	0	0	0	93	0	0	0
Washington	0	49	0	0	0	0	0
Pacific Noncontiguous	**196**	**106**	**0**	**215**	**107**	**0**	**241**
Alaska	0	21	0	215	520	0	0
Hawaii	196	203	0	0	109	0	241
U.S. Total	**5**	**31**	**32**	**3**	**5**	**0**	**11**

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, October 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**	**7**	**0**	**36**	**35**
Connecticut	0	0	0	0	0	0	0	216
Maine	0	0	0	0	7	0	36	29
Massachusetts	0	0	0	0	0	0	0	235
New Hampshire	0	0	0	0	0	0	0	587
Middle Atlantic	**0**	**0**	**0**	**147**	**17**	**0**	**0**	**34**
New Jersey	0	0	0	409	409	0	0	234
New York	0	0	0	0	8	0	0	47
Pennsylvania	0	0	0	157	24	0	0	42
East North Central	**0**	**0**	**0**	**0**	**13**	**0**	**12**	**10**
Illinois	0	0	0	0	0	0	34	23
Indiana	0	0	0	0	103	0	0	16
Michigan	0	0	0	0	20	0	0	20
Ohio	0	0	0	0	18	0	0	41
Wisconsin	0	0	0	0	23	0	105	15
West North Central	**0**	**0**	**0**	**0**	**17**	**0**	**76**	**10**
Iowa	0	0	0	0	0	0	0	11
Kansas	0	0	0	0	0	0	0	64
Minnesota	0	0	0	0	18	0	76	18
Missouri	0	0	0	0	187	0	0	107
Nebraska	0	0	0	0	0	0	0	35
North Dakota	0	0	0	0	132	0	0	58
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**6**	**4**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	12	0	7	8
Georgia	0	0	0	0	7	0	7	6
Maryland	0	0	0	0	0	0	0	77
North Carolina	0	0	0	0	10	0	0	11
South Carolina	0	0	0	0	2	0	0	4
Virginia	0	0	0	0	8	0	0	10
West Virginia	0	0	0	0	0	0	0	5
East South Central	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**6**
Alabama	0	0	0	0	11	0	0	9
Kentucky	0	0	0	0	9	0	0	86
Mississippi	0	0	0	0	7	0	0	7
Tennessee	0	0	0	0	19	0	0	8
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**11**	**2**
Arkansas	0	0	0	0	6	0	0	6
Louisiana	0	0	0	0	11	0	9	2
Oklahoma	0	0	0	0	38	0	123	37
Texas	0	0	0	0	18	0	19	3
Mountain	**0**	**0**	**0**	**276**	**5**	**0**	**84**	**11**
Colorado	0	0	0	0	210	0	83	91
Idaho	0	0	0	0	4	0	0	18
Montana	0	0	0	0	0	0	0	203
Nevada	0	0	0	276	276	0	0	84
New Mexico	0	0	0	0	0	0	0	1,788
Utah	0	0	0	0	0	0	0	14
Wyoming	0	0	0	0	0	0	0	16
Pacific Contiguous	**0**	**0**	**0**	**200**	**12**	**0**	**23**	**5**
California	0	0	0	200	32	0	30	6
Oregon	0	0	0	0	17	0	0	21
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**44**	**0**	**0**	**49**
Alaska	0	0	0	0	245	0	0	82
Hawaii	0	0	0	0	44	0	0	58
U.S. Total	**0**	**0**	**0**	**109**	**4**	**0**	**7**	**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 October 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**66**	**42**	**0**	**84**	**0**	**0**	**33**
Connecticut	0	226	0	217	0	0	0
Maine	0	24	0	89	0	0	31
Massachusetts	112	1,180	0	289	0	0	406
New Hampshire	0	331	0	722	0	0	684
Middle Atlantic	**14**	**8**	**105**	**100**	**13**	**0**	**105**
New Jersey	0	451	239	264	0	0	0
New York	0	2	0	187	0	0	105
Pennsylvania	25	128	116	127	13	0	0
East North Central	**7**	**18**	**58**	**62**	**10**	**0**	**149**
Illinois	8	3,580	0	173	47	0	0
Indiana	89	11	0	99	8	0	0
Michigan	34	300	142	76	0	0	366
Ohio	24	60	999	238	50	0	0
Wisconsin	13	59	0	59	0	0	163
West North Central	**10**	**107**	**0**	**64**	**129**	**0**	**169**
Iowa	10	284	0	255	0	0	0
Kansas	0	0	0	64	0	0	0
Minnesota	26	152	0	122	0	0	169
Missouri	86	0	0	646	0	0	0
Nebraska	33	0	0	400	0	0	0
North Dakota	68	170	0	310	129	0	0
South Atlantic	**17**	**24**	**0**	**14**	**0**	**0**	**9**
Delaware	0	0	0	0	0	0	0
Florida	86	53	0	18	0	0	0
Georgia	24	36	0	32	0	0	169
Maryland	0	0	0	447	0	0	0
North Carolina	90	73	0	48	0	0	13
South Carolina	29	0	0	71	0	0	0
Virginia	47	56	0	26	0	0	228
West Virginia	6	0	0	0	0	0	9
East South Central	**6**	**55**	**0**	**20**	**26**	**0**	**12**
Alabama	46	59	0	15	27	0	0
Kentucky	0	0	0	233	0	0	0
Mississippi	0	0	0	12	0	0	0
Tennessee	1	310	0	66	0	0	12
West South Central	**62**	**54**	**56**	**2**	**6**	**0**	**0**
Arkansas	0	0	0	24	0	0	0
Louisiana	0	0	89	2	6	0	0
Oklahoma	71	176	0	93	0	0	0
Texas	0	272	32	3	10	0	0
Mountain	**14**	**133**	**0**	**25**	**7**	**0**	**0**
Colorado	486	3,066	0	278	0	0	0
Idaho	73	0	0	189	0	0	0
Montana	203	0	0	0	0	0	0
Nevada	0	0	0	86	0	0	0
New Mexico	0	1,788	0	0	0	0	0
Utah	0	4,662	0	35	248	0	0
Wyoming	32	89	0	27	7	0	0
Pacific Contiguous	**0**	**51**	**0**	**7**	**10**	**0**	**0**
California	0	239	0	7	10	0	0
Oregon	0	0	0	93	0	0	0
Washington	0	49	0	0	0	0	0
Pacific Noncontiguous	**196**	**106**	**0**	**215**	**107**	**0**	**241**
Alaska	0	21	0	215	520	0	0
Hawaii	196	203	0	0	109	0	241
U.S. Total	**5**	**31**	**32**	**3**	**5**	**0**	**11**

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 October 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**	**7**	**0**	**36**	**35**
Connecticut	0	0	0	0	0	0	0	216
Maine	0	0	0	0	7	0	36	29
Massachusetts	0	0	0	0	0	0	0	235
New Hampshire	0	0	0	0	0	0	0	587
Middle Atlantic	**0**	**0**	**0**	**147**	**17**	**0**	**0**	**34**
New Jersey	0	0	0	409	409	0	0	234
New York	0	0	0	0	8	0	0	47
Pennsylvania	0	0	0	157	24	0	0	42
East North Central	**0**	**0**	**0**	**0**	**13**	**0**	**12**	**10**
Illinois	0	0	0	0	0	0	34	23
Indiana	0	0	0	0	103	0	0	16
Michigan	0	0	0	0	20	0	0	20
Ohio	0	0	0	0	18	0	0	41
Wisconsin	0	0	0	0	23	0	105	15
West North Central	**0**	**0**	**0**	**0**	**17**	**0**	**76**	**10**
Iowa	0	0	0	0	0	0	0	11
Kansas	0	0	0	0	0	0	0	64
Minnesota	0	0	0	0	18	0	76	18
Missouri	0	0	0	0	187	0	0	107
Nebraska	0	0	0	0	0	0	0	35
North Dakota	0	0	0	0	132	0	0	58
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**6**	**4**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	12	0	7	8
Georgia	0	0	0	0	7	0	7	6
Maryland	0	0	0	0	0	0	0	77
North Carolina	0	0	0	0	10	0	0	11
South Carolina	0	0	0	0	2	0	0	4
Virginia	0	0	0	0	8	0	0	10
West Virginia	0	0	0	0	0	0	0	5
East South Central	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**6**
Alabama	0	0	0	0	11	0	0	9
Kentucky	0	0	0	0	9	0	0	86
Mississippi	0	0	0	0	7	0	0	7
Tennessee	0	0	0	0	19	0	0	8
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**11**	**2**
Arkansas	0	0	0	0	6	0	0	6
Louisiana	0	0	0	0	11	0	9	2
Oklahoma	0	0	0	0	38	0	123	37
Texas	0	0	0	0	18	0	19	3
Mountain	**0**	**0**	**0**	**276**	**5**	**0**	**84**	**11**
Colorado	0	0	0	0	210	0	83	91
Idaho	0	0	0	0	4	0	0	18
Montana	0	0	0	0	0	0	0	203
Nevada	0	0	0	276	276	0	0	84
New Mexico	0	0	0	0	0	0	0	1,788
Utah	0	0	0	0	0	0	0	14
Wyoming	0	0	0	0	0	0	0	16
Pacific Contiguous	**0**	**0**	**0**	**200**	**12**	**0**	**23**	**5**
California	0	0	0	200	32	0	30	6
Oregon	0	0	0	0	17	0	0	21
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**44**	**0**	**0**	**49**
Alaska	0	0	0	0	245	0	0	82
Hawaii	0	0	0	0	44	0	0	58
U.S. Total	**0**	**0**	**0**	**109**	**4**	**0**	**7**	**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, October 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**4**	**0**	**1**
Connecticut	0	1	6	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	0	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	3	0	2
West North Central	**1**	**2**	**2**	**0**	**1**
Iowa	2	7	3	0	2
Kansas	3	1	3	0	1
Minnesota	1	4	3	0	2
Missouri	1	1	6	0	1
Nebraska	2	7	4	0	3
North Dakota	1	4	6	0	3
South Dakota	2	9	6	0	4
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	1	2	13	0	4
District of Columbia	0	0	0	0	0
Florida	1	0	2	0	0
Georgia	2	1	2	0	1
Maryland	1	1	5	0	1
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	2	0	1
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	1	2	3	0	2
Mississippi	2	1	2	0	1
Tennessee	1	2	5	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	2	1	2	0	1
Louisiana	1	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	0	1	0	0
Mountain	**1**	**2**	**1**	**0**	**1**
Arizona	1	3	2	0	1
Colorado	2	5	4	0	3
Idaho	1	5	2	0	2
Montana	2	7	4	0	3
Nevada	1	4	1	0	1
New Mexico	3	8	5	0	4
Utah	2	6	2	0	2
Wyoming	2	7	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	1	2	0	1
Oregon	1	4	4	0	2
Washington	1	4	3	0	2
Pacific Noncontiguous	**1**	**4**	**2**	**0**	**2**
Alaska	2	9	8	0	4
Hawaii	0	0	0	0	0
U.S. Total	**0**	**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.

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 October 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**0**	**3**	**0**	**0**
Connecticut	0	1	4	0	1
Maine	0	1	1	0	0
Massachusetts	0	1	6	0	1
New Hampshire	0	1	4	0	1
Rhode Island	0	0	0	0	0
Vermont	1	2	6	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	0	1	1	0	0
Indiana	0	1	2	0	1
Michigan	0	1	1	0	0
Ohio	0	1	2	0	1
Wisconsin	0	2	1	0	1
West North Central	**0**	**1**	**1**	**0**	**0**
Iowa	1	4	2	0	1
Kansas	1	1	2	0	1
Minnesota	1	2	2	0	1
Missouri	0	1	4	0	1
Nebraska	1	4	2	0	1
North Dakota	1	3	3	0	1
South Dakota	1	5	3	0	2
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	0	1	6	0	1
District of Columbia	0	0	0	0	0
Florida	0	0	2	0	0
Georgia	0	1	1	0	0
Maryland	0	1	3	0	0
North Carolina	0	1	1	0	0
South Carolina	0	1	1	0	0
Virginia	0	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	**0**	**1**	**1**	**0**	**0**
Alabama	0	1	1	0	0
Kentucky	1	1	2	0	1
Mississippi	1	1	1	0	1
Tennessee	0	1	4	0	1
West South Central	**0**	**0**	**0**	**0**	**0**
Arkansas	1	1	1	101	1
Louisiana	0	1	0	0	0
Oklahoma	1	1	2	0	1
Texas	0	0	1	0	0
Mountain	**0**	**1**	**1**	**0**	**0**
Arizona	0	1	1	0	0
Colorado	1	2	2	0	1
Idaho	0	2	1	0	1
Montana	1	4	2	0	2
Nevada	0	1	0	0	0
New Mexico	1	3	3	0	2
Utah	1	2	1	0	1
Wyoming	1	4	1	0	1
Pacific Contiguous	**0**	**1**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	0	2	2	0	1
Washington	0	2	2	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	1	5	4	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**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.

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, October 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**48**	**1**
Connecticut	0	1	4	0	1
Maine	0	3	3	0	1
Massachusetts	1	1	6	77	1
New Hampshire	0	1	5	0	1
Rhode Island	0	17	0	0	8
Vermont	2	4	8	0	2
Middle Atlantic	**0**	**1**	**2**	**0**	**0**
New Jersey	0	0	3	0	0
New York	0	0	2	0	0
Pennsylvania	0	3	2	0	1
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	0	1	3	0	1
Indiana	1	2	2	0	1
Michigan	0	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	5	0	2
Kansas	2	1	5	0	1
Minnesota	1	3	4	0	2
Missouri	1	2	6	0	1
Nebraska	2	5	7	0	3
North Dakota	2	4	6	0	3
South Dakota	2	7	8	0	3
South Atlantic	**0**	**0**	**1**	**26**	**0**
Delaware	1	15	11	0	6
District of Columbia	0	0	0	84	2
Florida	1	0	4	0	0
Georgia	1	1	3	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	3	0	1
South Carolina	2	1	2	0	1
Virginia	1	0	3	0	1
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	1	2	0	1
Kentucky	1	3	4	0	1
Mississippi	2	1	4	0	1
Tennessee	1	2	5	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	2	1	3	0	1
Louisiana	1	1	1	0	1
Oklahoma	2	1	4	0	1
Texas	1	0	2	0	0
Mountain	**1**	**2**	**2**	**0**	**1**
Arizona	1	3	4	0	1
Colorado	3	6	7	0	3
Idaho	1	3	3	0	1
Montana	2	5	8	0	3
Nevada	1	4	1	0	1
New Mexico	5	9	9	0	5
Utah	3	7	3	0	3
Wyoming	2	5	3	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**0**
California	1	1	2	0	1
Oregon	1	3	6	0	2
Washington	1	2	5	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	6	8	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**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.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 October 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**29**	**0**
Connecticut	0	1	3	0	0
Maine	0	2	2	0	1
Massachusetts	0	1	4	55	1
New Hampshire	0	1	3	0	0
Rhode Island	0	8	0	0	4
Vermont	1	2	6	0	1
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	1	0	0
Pennsylvania	0	2	1	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	1	2	0	0
Indiana	1	1	2	0	1
Michigan	0	1	1	0	0
Ohio	0	1	2	0	0
Wisconsin	0	1	2	0	1
West North Central	**0**	**1**	**1**	**0**	**0**
Iowa	1	3	2	0	1
Kansas	1	1	3	0	1
Minnesota	1	2	2	0	1
Missouri	1	1	4	0	1
Nebraska	1	3	3	0	1
North Dakota	1	2	4	0	1
South Dakota	1	4	4	0	2
South Atlantic	**0**	**0**	**1**	**15**	**0**
Delaware	1	8	7	0	3
District of Columbia	0	3	0	51	3
Florida	0	0	2	0	0
Georgia	1	1	2	0	0
Maryland	0	1	2	0	0
North Carolina	0	1	2	0	0
South Carolina	1	1	1	0	0
Virginia	0	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	**0**	**1**	**1**	**0**	**0**
Alabama	1	1	1	0	0
Kentucky	1	1	3	0	1
Mississippi	1	1	2	0	1
Tennessee	0	1	4	0	1
West South Central	**0**	**0**	**1**	**0**	**0**
Arkansas	1	1	2	94	1
Louisiana	1	1	1	0	0
Oklahoma	1	1	3	0	1
Texas	0	0	1	0	0
Mountain	**0**	**1**	**1**	**0**	**0**
Arizona	0	1	2	0	1
Colorado	1	2	4	0	1
Idaho	1	2	1	0	1
Montana	1	3	4	0	2
Nevada	0	1	1	0	0
New Mexico	1	3	6	0	2
Utah	1	3	2	0	1
Wyoming	1	3	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	2	0	0
Oregon	0	2	3	0	1
Washington	0	2	3	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	2	4	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**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.8.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, October 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**48**	**1**
Connecticut	0	0	4	0	1
Maine	0	3	1	0	1
Massachusetts	1	0	4	77	1
New Hampshire	0	0	2	0	1
Rhode Island	0	17	0	0	8
Vermont	2	2	3	0	1
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	0	0	1	0	0
New York	0	0	1	0	0
Pennsylvania	0	3	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	0	2	0	0
Indiana	1	1	1	0	1
Michigan	0	1	1	0	0
Ohio	1	0	1	0	0
Wisconsin	1	1	2	0	1
West North Central	**0**	**1**	**1**	**0**	**0**
Iowa	1	2	3	0	1
Kansas	1	1	3	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	3	4	0	2
South Atlantic	**0**	**0**	**1**	**26**	**0**
Delaware	1	15	10	0	7
District of Columbia	0	0	0	84	2
Florida	0	0	2	0	0
Georgia	1	1	2	0	1
Maryland	1	1	2	0	0
North Carolina	1	1	2	0	0
South Carolina	1	1	2	0	1
Virginia	1	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**0**
Alabama	1	1	2	0	1
Kentucky	1	1	1	0	1
Mississippi	1	1	3	0	1
Tennessee	1	1	2	0	1
West South Central	**0**	**0**	**1**	**0**	**0**
Arkansas	1	1	2	0	1
Louisiana	1	1	1	0	0
Oklahoma	1	1	3	0	1
Texas	0	0	1	0	0
Mountain	**0**	**1**	**1**	**0**	**0**
Arizona	0	1	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	1	0	1
Montana	1	3	4	0	1
Nevada	0	1	0	0	0
New Mexico	2	2	5	0	1
Utah	1	2	2	0	1
Wyoming	1	2	1	0	1
Pacific Contiguous	**0**	**1**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	2	3	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	1	4	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**4**	**0**

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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 October 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**29**	**1**
Connecticut	0	1	4	0	1
Maine	0	2	2	0	1
Massachusetts	0	1	7	55	1
New Hampshire	0	1	4	0	1
Rhode Island	0	8	0	0	4
Vermont	0	3	8	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	2	1	0	1
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	0	1	2	0	1
Indiana	0	1	2	0	1
Michigan	0	1	1	0	1
Ohio	0	1	2	0	1
Wisconsin	0	2	2	0	1
West North Central	**0**	**1**	**1**	**0**	**1**
Iowa	0	4	3	0	1
Kansas	0	1	3	0	1
Minnesota	0	3	3	0	1
Missouri	0	1	5	0	1
Nebraska	0	4	3	0	2
North Dakota	0	3	4	0	2
South Dakota	1	6	5	0	2
South Atlantic	**0**	**0**	**1**	**15**	**0**
Delaware	0	8	8	0	3
District of Columbia	0	3	0	51	3
Florida	0	0	2	0	0
Georgia	0	1	2	0	0
Maryland	0	1	4	0	0
North Carolina	0	1	2	0	0
South Carolina	0	1	1	0	0
Virginia	0	0	2	0	0
West Virginia	0	1	0	0	0
East South Central	**0**	**1**	**2**	**0**	**1**
Alabama	0	1	1	0	0
Kentucky	0	2	3	0	1
Mississippi	0	1	3	0	1
Tennessee	0	2	5	0	1
West South Central	**0**	**0**	**1**	**0**	**0**
Arkansas	0	1	2	91	1
Louisiana	0	1	1	0	0
Oklahoma	0	1	3	0	1
Texas	0	0	1	0	0
Mountain	**0**	**1**	**1**	**0**	**0**
Arizona	0	1	2	0	1
Colorado	0	3	4	0	1
Idaho	0	3	1	0	1
Montana	1	4	4	0	2
Nevada	0	2	1	0	0
New Mexico	1	4	6	0	2
Utah	0	3	2	0	1
Wyoming	1	4	2	0	1
Pacific Contiguous	**0**	**1**	**1**	**0**	**0**
California	0	1	2	0	0
Oregon	0	3	3	0	1
Washington	0	2	3	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	6	5	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**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 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	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 8:44 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 8:49 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	Tennessee Valley Authority	SERC	Northeast 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	Memphis Light Gas and Water Division	SERC	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	01/17/2014 10:30 AM	01/28/2014 9:00 AM	262 Hours, 30 Minutes	Prairie Power, Inc.	RFC	Illinois	Fuel Supply Emergency - Natural Gas	Unknown	Unknown
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	. .	. Hours, . Minutes	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	ongoing	ongoing	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

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	5	05/09/2014 6:00 PM	05/11/2014 1:00 PM	43 Hours, 0 Minutes	Vectren Energy Delivery of Indiana	RFC	Indiana	Severe Weather - Heavy Winds	Unknown	56000
2014	5	05/14/2014 3:34 PM	ongoing	ongoing	San Diego Gas & Electric Company	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	N/A	N/A
2014	5	05/15/2014 10:43 AM	ongoing	ongoing	San Diego Gas & Electric Co	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	3300	1400000
2014	5	05/16/2014 10:43 AM	05/16/2014 9:00 PM	10 Hours, 17 Minutes	San Diego Gas & Electric Co	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	3900	1400000
2014	5	05/26/2014 12:31 PM	05/26/2014 1:18 PM	0 Hours, 47 Minutes	Peak Reliability	WECC	British Columbia & Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	6	06/03/2014 3:32 PM	06/03/2014 3:59 PM	0 Hours, 27 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Islanding	338	N/A
2014	6	06/05/2014 3:00 AM	06/07/2014 11:45 PM	68 Hours, 45 Minutes	Memphis Light Gas and Water Division	SERC	Shelby County, Tennessee	Severe Weather - Thunderstorms	494	38500
2014	6	06/05/2014 1:06 PM	06/05/2014 1:07 PM	0 Hours, 1 Minutes	Tennessee Valley Authority	SERC	West Tennessee	Severe Weather - Thunderstorms	Unknown	56475
2014	6	06/06/2014 1:00 PM	ongoing	ongoing	Luminant Energy Company, LLC	ERCOT	Texas	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	6	06/07/2014 11:00 PM	06/08/2014 5:30 AM	6 Hours, 30 Minutes	Southern Company	SERC	North and Central , Alabama	Severe Weather - Thunderstorms	217	65000
2014	6	06/09/2014 11:07 AM	06/09/2014 11:30 AM	0 Hours, 23 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Islanding	Unknown	Unknown
2014	6	06/10/2014 9:50 PM	06/11/2014 2:30 PM	16 Hours, 40 Minutes	American Electric Power	RFC	West Virginia	Severe Weather - Thunderstorms	Unknown	66383
2014	6	06/15/2014 12:00 AM	06/15/2014 1:00 AM	1 Hours, 0 Minutes	Xcel Energy	MRO	Central Minnesota	Severe Weather - Thunderstorms	Unknown	55951
2014	6	06/18/2014 5:00 PM	06/20/2014 3:00 PM	46 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	138802
2014	6	06/27/2014 1:21 PM	ongoing	ongoing	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	6	06/30/2014 5:55 PM	07/01/2014 2:53 AM	8 Hours, 58 Minutes	We Energies	MRO	Southeast Wisconsin	Severe Weather - Thunderstorms	424	120000
2014	6	06/30/2014 8:00 PM	07/02/2014 6:30 PM	46 Hours, 30 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Weather - Thunderstorms	Unknown	420000
2014	6	06/30/2014 11:20 PM	07/01/2014 5:00 PM	17 Hours, 40 Minutes	Northern Indiana Public Service Company	RFC	North Central Indiana	Severe Weather - Thunderstorms	Unknown	127000
2014	7	07/01/2014 3:30 AM	ongoing	ongoing	Consumers Energy Co	RFC	Southwest Michigan	Severe Weather - Thunderstorms	Unknown	51000
2014	7	07/01/2014 4:00 AM	07/03/2014 11:30 PM	67 Hours, 30 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	140000
2014	7	07/01/2014 5:00 AM	07/02/2014 2:00 AM	21 Hours, 0 Minutes	American Electric Power	RFC	Indiana, Michigan	Severe Weather - Thunderstorms	Unknown	57237
2014	7	07/02/2014 8:39 AM	07/28/2014 3:13 PM	630 Hours, 34 Minutes	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	7	07/03/2014 6:00 PM	07/06/2014 12:00 PM	66 Hours, 0 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Thunderstorms	Unknown	298165
2014	7	07/03/2014 10:55 PM	07/04/2014 1:50 AM	2 Hours, 55 Minutes	ISO New England	NPCC	Vermont, New Hampshire, Maine, Rhode Island, Massachusetts, Connecticut	Severe Weather - Thunderstorms	Unknown	64000
2014	7	07/08/2014 5:30 PM	07/10/2014 3:00 PM	45 Hours, 30 Minutes	PPL Electric Utilities Corp	RFC	Central and Northeastern Pennsylvania	Severe Weather - Thunderstorms	Unknown	66000
2014	7	07/08/2014 5:30 PM	07/12/2014 11:20 PM	101 Hours, 50 Minutes	FirstEnergy Corp: Potomac Edison	RFC	Maryland, West Virginia	Severe Weather - Thunderstorms	Unknown	96000
2014	7	07/08/2014 5:30 PM	07/12/2014 11:30 PM	102 Hours, 0 Minutes	FirstEnergy Corp: Mon Power	RFC	West Virginia	Severe Weather - Thunderstorms	Unknown	71000
2014	7	07/08/2014 6:00 PM	07/11/2014 5:53 PM	71 Hours, 53 Minutes	FirstEnergy Corp: Met-Ed	RFC	Eastern Pennsylvania	Severe Weather - Thunderstorms	Unknown	69000
2014	7	07/08/2014 7:21 PM	07/11/2014 7:00 AM	59 Hours, 39 Minutes	Niagara Mohawk Power Corporation (dba National Grid)	NPCC	Upstate New York	Severe Weather - Thunderstorms	Unknown	65000
2014	7	07/08/2014 8:30 PM	07/11/2014 11:00 PM	74 Hours, 30 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Thunderstorms	Unknown	260000
2014	7	07/08/2014 9:31 PM	ongoing	ongoing	Baltimore Gas & Electric Company	RFC	Maryland	Severe Weather - Thunderstorms	Unknown	56600
2014	7	07/23/2014 7:14 PM	07/24/2014 12:23 AM	5 Hours, 9 Minutes	American Electric Power	SERC	Arkansas, Louisiana	Severe Weather - Thunderstorms	Unknown	57299
2014	7	07/24/2014 4:29 PM	07/24/2014 11:32 PM	7 Hours, 3 Minutes	Southern California Edison	WECC	California	Load shedding of 100 Megawatts	126	26856
2014	7	07/27/2014 5:00 PM	07/28/2014 11:00 PM	30 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	156611
2014	7	07/27/2014 11:00 PM	07/28/2014 4:00 AM	5 Hours, 0 Minutes	California Department of Water Resources	WECC	Central California	Uncontrolled Loss of 300 Megawatts	480	1
2014	8	08/13/2014 6:08 AM	08/13/2014 6:34 AM	0 Hours, 26 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	370	Unknown
2014	8	08/20/2014 1:21 AM	08/20/2014 1:41 AM	0 Hours, 20 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	8	08/23/2014 4:39 PM	08/24/2014 1:46 AM	9 Hours, 7 Minutes	Illinois Municipal Electric Agency	RFC	City of Highland, Illinois	Operational Failure of Electrical System	31	6549
2014	8	08/24/2014 3:20 AM	08/25/2014 7:05 AM	27 Hours, 45 Minutes	PG&E	WECC	North of San Francisco, California	Earthquake	95	70000
2014	8	08/26/2014 3:30 PM	ongoing	ongoing	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	Unknown
2014	9	09/05/2014 4:30 PM	09/06/2014 2:00 PM	21 Hours, 30 Minutes	Exelon Corporation / ComEd	RFC	Illinois	Severe Weather - Thunderstorms	Unknown	180400
2014	9	09/05/2014 7:14 PM	09/06/2014 1:00 PM	17 Hours, 46 Minutes	Consumers Energy	RFC	Lower Peninsula of Michigan	Severe Weather - Thunderstorms	50	60000
2014	9	09/05/2014 8:00 PM	ongoing	ongoing	Detroit Edison Co	RFC	Michigan	Severe Weather - Thunderstorms	Unknown	324000
2014	9	09/09/2014 8:18 AM	09/09/2014 11:59 PM	15 Hours, 41 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	9	09/11/2014 4:56 AM	09/11/2014 5:37 AM	0 Hours, 41 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	9	09/14/2014 9:50 PM	09/17/2014 3:08 PM	65 Hours, 18 Minutes	Portland General Electric	WECC	Oregon	Electrical System Separation (Islanding)	1	123
2014	9	09/19/2014 2:20 PM	09/23/2014 1:10 PM	94 Hours, 50 Minutes	Portland General Electric	WECC	Estacada, Oregon	Electrical System Separation (Islanding)	1	123
2014	9	09/22/2014 11:00 AM	09/22/2014 11:01 AM	0 Hours, 1 Minutes	Minnesota Power Inc	MRO	Northeast Minnesota	Fuel Supply Emergency - Coal	1000	140000
2014	10	10/02/2014 4:00 PM	10/07/2014 10:00 AM	114 Hours, 0 Minutes	Oncor Electric Delivery Company LLC	TRE	Texas	Severe Weather - Thunderstorms	Unknown	500000
2014	10	10/02/2014 10:15 PM	ongoing	ongoing	Entergy Services, Inc.	SERC	Arkansas	Severe Weather - Thunderstorms	Unknown	67300
2014	10	10/06/2014 10:52 AM	10/07/2014 12:52 AM	14 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston, Texas	Severe Weather - Thunderstorms	292	129237
2014	10	10/08/2014 4:47 PM	10/08/2014 6:29 PM	1 Hours, 42 Minutes	ERCOT	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage; Load Shed of 100 MW	Unknown	Unknown
2014	10	10/08/2014 4:49 PM	10/08/2014 6:23 PM	1 Hours, 34 Minutes	American Electric Power - Texas	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage; Load Shed of 100 MW	585	120000
2014	10	10/09/2014 9:27 AM	ongoing	ongoing	American Electric Power	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage	Unknown	2800
2014	10	10/13/2014 12:45 PM	10/13/2014 4:15 PM	3 Hours, 30 Minutes	Entergy Services, Inc.	SERC	Louisiana	Severe Weather - Thunderstorms	Unknown	68600
2014	10	10/14/2014 5:44 AM	10/14/2014 5:50 PM	12 Hours, 6 Minutes	Southern Company	SERC	Alabama, Florida, Georgia	Severe Weather - Thunderstorms	191	57475
2014	10	10/14/2014 6:20 PM	10/14/2014 6:28 PM	0 Hours, 8 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	Voltage Reduction	Unknown	Unknown
2014	10	10/22/2014 10:46 PM	10/22/2014 10:47 PM	0 Hours, 1 Minutes	ISO New England	NPCC	New Hampshire, Maine, Massachusetts, Rhode Island, Connecticut, Vermont	Severe Weather	Unknown	66650
2014	10	10/25/2014 4:00 PM	10/25/2014 10:00 PM	6 Hours, 0 Minutes	Portland General Electric Co	WECC	Greater Portland and Salem, Oregon	Severe Weather - Wind	216	78000
2014	10	10/25/2014 6:00 PM	ongoing	ongoing	Puget Sound Energy	WECC	King County, Thurston County and Kitsap County, Washington	Severe Weather - Wind	154	96000

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

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:

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

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, October 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	24.85	6.02	--	1.03
Connecticut	--	6.17	--	1.03
Maine	24.86	6.35	--	1.01
Massachusetts	23.74	5.94	--	1.03
New Hampshire	26.00	5.78	--	1.03
Rhode Island	--	6.02	--	1.03
Vermont	--	--	--	--
Middle Atlantic	24.48	6.11	--	1.03
New Jersey	25.93	6.26	--	1.03
New York	21.85	6.23	--	1.03
Pennsylvania	24.68	5.81	--	1.04
East North Central	20.09	5.77	27.97	1.03
Illinois	17.64	5.79	--	1.00
Indiana	22.33	5.73	29.90	1.04
Michigan	19.35	5.81	27.71	1.02
Ohio	24.17	5.79	28.28	1.04
Wisconsin	18.13	5.82	27.60	1.03
West North Central	16.69	5.78	--	1.04
Iowa	17.38	5.77	--	1.05
Kansas	17.41	5.80	--	1.04
Minnesota	17.64	5.79	--	1.05
Missouri	17.58	5.78	--	1.03
Nebraska	16.93	5.80	--	1.05
North Dakota	13.07	5.76	--	0.98
South Dakota	16.59	--	--	1.06
South Atlantic	23.58	5.84	28.36	1.03
Delaware	25.97	--	--	1.06
District of Columbia	--	--	--	--
Florida	23.65	5.81	28.11	1.02
Georgia	19.96	5.84	28.65	1.03
Maryland	25.18	5.82	--	1.06
North Carolina	24.65	5.82	--	1.03
South Carolina	24.90	5.99	--	1.03
Virginia	22.94	5.88	--	1.05
West Virginia	24.40	5.73	--	1.05
East South Central	21.56	5.80	28.40	1.03
Alabama	19.42	5.66	--	1.03
Kentucky	22.50	5.83	28.40	1.03
Mississippi	22.64	--	--	1.03
Tennessee	21.43	5.77	--	1.01
West South Central	16.08	5.87	28.43	1.03
Arkansas	17.59	5.80	--	1.04
Louisiana	16.23	5.89	28.43	1.04
Oklahoma	17.14	5.80	--	1.04
Texas	15.57	5.84	--	1.03
Mountain	19.02	5.77	--	1.04
Arizona	19.33	5.79	--	1.03
Colorado	19.29	5.70	--	1.07
Idaho	--	--	--	1.03
Montana	16.91	5.92	--	--
Nevada	20.14	5.82	--	1.04
New Mexico	17.91	5.66	--	1.04
Utah	22.37	5.88	--	1.04
Wyoming	17.57	5.80	--	1.01
Pacific Contiguous	17.68	5.83	--	1.03
California	23.14	--	--	1.03
Oregon	17.25	5.83	--	1.03
Washington	17.16	--	--	1.05
Pacific Noncontiguous	20.68	6.14	--	1.00
Alaska	--	--	--	1.00
Hawaii	20.68	6.14	--	--
U.S. Total	19.48	6.02	28.32	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

Item	2010			2011			2012		
	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, (C3H8). It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products covered by Gas Processors Association Specifications for commercial propane and HD-5 propane and ASTM Specification D 1835.

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

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

Receipts: Purchases of fuel.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Terrawatt: One trillion watts.

Terrawatthour: One trillion kilowatthours.

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

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

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

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

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

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

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

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

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

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

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