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with Data for September 2014

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

Preface

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

Background

The Office of Electricity, Renewables & Uranium Statistics, U.S. EIA, U.S. Department of Energy, prepares the EPM. This publication provides monthly statistics at the State (lowest level of aggregation), Census Division, and U.S. levels for net generation, fossil fuel consumption and stocks, cost, quantity, and quality of fossil fuels received, electricity retail sales, associated revenue, and average price of electricity sold. In addition, the report contains rolling 12-month totals in the national overviews, as appropriate.

Data sources

The EPM contains information from the following data sources: Form EIA-923, "Power Plant Operations Report;" Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-860M, "Monthly Update to the Annual Electric Generator Report;" and Form EIA-861, "Annual Electric Power Industry Report." Forms and their instructions may be obtained from: http://www.eia.gov/survey/#electricity. A detailed description of these forms and associated algorithms are found in Appendix C, "Technical Notes."

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Table ES1.A. Total Electric Power Industry Summary Statistics, 2014 and 2013

Net Generation and Consumption of Fuels for September											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Net Generation (Thousand Megawatthours)											
Coal	126,634	133,577	-5.2%	96,089	99,308	29,412	33,141	49	54	1,084	1,075
Petroleum Liquids	944	865	9.2%	747	552	153	266	14	16	31	30
Petroleum Coke	958	1,243	-23.0%	712	905	145	148	1	1	100	190
Natural Gas	105,527	101,102	4.4%	43,956	43,496	54,105	50,078	566	543	6,901	6,984
Other Gas	1,106	1,037	6.6%	3	9	372	295	0	0	730	734
Nuclear	67,535	65,799	2.6%	35,296	34,459	32,238	31,340	0	0	0	0
Hydroelectric Conventional	15,901	16,929	-6.1%	14,411	15,339	1,297	1,359	NM	NM	190	230
Renewable Sources Excluding Hydroelectric	19,833	19,065	4.0%	2,325	2,520	14,915	13,898	267	253	2,325	2,393
... Wind	11,473	11,709	-2.0%	1,768	1,988	9,695	9,714	NM	NM	NM	NM
... Solar Thermal and Photovoltaic	1,925	979	96.6%	124	101	1,755	842	44	34	NM	NM
... Wood and Wood-Derived Fuels	3,461	3,396	1.9%	231	219	981	872	NM	NM	2,245	2,303
... Other Biomass	1,632	1,624	0.5%	112	120	1,234	1,207	211	212	75	85
... Geothermal	1,342	1,356	-1.0%	91	92	1,251	1,264	0	0	0	0
Hydroelectric Pumped Storage	-505	-389	29.6%	-423	-297	-81	-92	0	0	0	0
Other Energy Sources	1,044	1,066	-2.1%	41	28	547	568	108	103	348	367
All Energy Sources	338,976	340,293	-0.4%	193,157	196,318	133,104	131,000	1,006	972	11,709	12,003
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	69,293	72,704	-4.7%	51,460	53,246	17,409	19,047	22	23	401	388
Petroleum Liquids (1000 barrels)	1,588	1,602	-0.9%	1,323	1,170	213	381	17	NM	35	35
Petroleum Coke (1000 tons)	356	452	-21.2%	268	326	62	62	0	0	26	65
Natural Gas (1000 Mcf)	797,271	777,304	2.6%	339,492	348,801	403,673	373,772	5,221	4,881	48,886	49,850
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,367	1,434	-4.6%	0	0	164	199	71	77	1,133	1,157
Petroleum Liquids (1000 barrels)	178	207	-14.2%	0	0	64	94	7	NM	107	105
Petroleum Coke (1000 tons)	104	68	52.2%	0	0	9	8	2	1	94	59
Natural Gas (1000 Mcf)	69,305	71,563	-3.2%	0	0	25,712	26,806	3,427	3,531	40,165	41,226
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	70,660	74,138	-4.7%	51,460	53,246	17,573	19,247	92	100	1,534	1,545
Petroleum Liquids (1000 barrels)	1,765	1,810	-2.4%	1,323	1,170	277	474	24	NM	142	139
Petroleum Coke (1000 tons)	460	520	-11.6%	268	326	70	69	2	1	120	124
Natural Gas (1000 Mcf)	866,576	848,867	2.1%	339,492	348,801	429,386	400,578	8,648	8,411	89,051	91,076
Fuel Stocks (end-of-month)											
Coal (1000 tons)	126,913	154,143	-17.7%	95,675	125,368	28,502	26,817	252	314	2,485	1,644
Petroleum Liquids (1000 barrels)	30,867	32,727	-5.7%	20,049	21,707	8,354	8,509	334	392	2,130	2,120
Petroleum Coke (1000 tons)	561	706	-20.6%	W	191	W	118	W	W	W	W

Sales, Revenue, and Average Retail Price for September									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	September 2014	September 2013	Percentage Change	September 2014	September 2013	Percentage Change	September 2014	September 2013	Percentage Change
Residential	120,118	121,114	-0.8%	15,539	15,125	2.7%	12.94	12.49	3.6%
Commercial	120,693	118,977	1.4%	13,391	12,564	6.6%	11.10	10.56	5.1%
Industrial	81,717	80,298	1.8%	5,900	5,734	2.9%	7.22	7.14	1.1%
Transportation	628	631	-0.4%	68	67	2.0%	10.86	10.60	2.5%
All Sectors	323,157	321,020	0.7%	34,898	33,490	4.2%	10.80	10.43	3.5%

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

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

Net Generation and Consumption of Fuels for January through September											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
Net Generation (Thousand Megawatthours)											
Coal	1,231,795	1,200,789	2.6%	931,624	900,660	289,464	289,771	648	625	10,059	9,733
Petroleum Liquids	15,596	10,223	52.6%	8,850	6,936	6,049	2,750	NM	NM	391	354
Petroleum Coke	9,357	10,523	-11.1%	7,153	7,411	1,134	1,396	6	4	1,064	1,712
Natural Gas	844,743	850,729	-0.7%	361,905	362,835	415,582	418,096	4,855	4,757	62,400	65,042
Other Gas	8,475	9,193	-7.8%	68	41	2,681	2,351	0	0	5,725	6,801
Nuclear	596,174	589,564	1.1%	314,777	304,158	281,397	285,406	0	0	0	0
Hydroelectric Conventional	200,614	212,776	-5.7%	181,598	192,480	17,050	17,660	NM	30	1,937	2,605
Renewable Sources Excluding Hydroelectric	206,103	187,647	9.8%	24,888	23,269	157,131	140,741	2,341	2,156	21,744	21,481
... Wind	133,495	123,956	7.7%	20,077	18,992	113,312	104,892	74	48	31	24
... Solar Thermal and Photovoltaic	14,271	6,797	110.0%	970	778	12,945	5,762	337	241	20	16
... Wood and Wood-Derived Fuels	31,668	29,574	7.1%	1,987	1,628	8,638	7,239	60	19	20,983	20,687
... Other Biomass	14,499	14,949	-3.0%	1,019	1,077	10,899	11,270	1,870	1,848	710	754
... Geothermal	12,170	12,371	-1.6%	834	795	11,336	11,576	0	0	0	0
Hydroelectric Pumped Storage	-4,396	-3,358	30.9%	-3,644	-2,760	-753	-598	0	0	0	0
Other Energy Sources	9,041	9,332	-3.1%	331	310	4,862	5,178	902	861	2,946	2,983
All Energy Sources	3,117,501	3,077,418	1.3%	1,827,551	1,795,341	1,174,596	1,162,750	9,087	8,615	106,267	110,712
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	661,938	651,246	1.6%	492,365	483,261	165,733	164,262	228	242	3,612	3,481
Petroleum Liquids (1000 barrels)	26,425	17,321	52.6%	15,889	12,561	9,666	4,138	459	234	412	388
Petroleum Coke (1000 tons)	3,462	3,797	-8.8%	2,634	2,630	484	601	1	1	343	566
Natural Gas (1000 Mcf)	6,431,737	6,523,903	-1.4%	2,838,883	2,905,142	3,103,325	3,105,616	45,313	44,642	444,216	468,503
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	13,537	13,798	-1.9%	0	0	1,824	1,933	790	819	10,923	11,046
Petroleum Liquids (1000 barrels)	2,686	2,246	19.6%	0	0	888	768	221	112	1,577	1,365
Petroleum Coke (1000 tons)	599	792	-24.3%	0	0	62	81	11	7	526	704
Natural Gas (1000 Mcf)	661,445	664,516	-0.5%	0	0	249,033	246,234	34,198	33,986	378,213	384,296
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	675,475	665,043	1.6%	492,365	483,261	167,558	166,195	1,018	1,060	14,534	14,527
Petroleum Liquids (1000 barrels)	29,111	19,566	48.8%	15,889	12,561	10,554	4,906	680	347	1,989	1,753
Petroleum Coke (1000 tons)	4,061	4,589	-11.5%	2,634	2,630	546	682	12	8	869	1,270
Natural Gas (1000 Mcf)	7,093,182	7,188,419	-1.3%	2,838,883	2,905,142	3,352,358	3,351,851	79,511	78,628	822,429	852,799

Sales, Revenue, and Average Retail Price for January through September									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	Percentage Change
Residential	1,088,000	1,066,264	2.0%	136,344	129,532	5.3%	12.53	12.15	3.1%
Commercial	1,029,957	1,013,979	1.6%	111,079	104,894	5.9%	10.78	10.34	4.3%
Industrial	722,419	720,522	0.3%	51,397	49,484	3.9%	7.11	6.87	3.5%
Transportation	5,919	5,709	3.7%	611	586	4.3%	10.33	10.26	0.7%
All Sectors	2,846,295	2,806,475	1.4%	299,431	284,496	5.2%	10.52	10.14	3.7%

YTD = Year-to-Date
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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.
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Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (e.g., sales data may include imported electricity).
Net generation is presented for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time that vary depending upon customer class and consumption occurring during and outside the calendar month.
Note: Values are preliminary. Percentage change is calculated before rounding.
See technical notes for additional information including more on the Commercial, Industrial, and Transportation sectors.

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

Total (All Sectors)

	Receipts (Physical Units)		Cost (Dollars / Physical Unit)		Number of Plants		Year-to-Date Receipts (Physical Units)		Year-to-Date Cost (Dollars / Physical Unit)	
Fuel	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal (1000 tons)	70,584	68,838	46.24	45.38	324	335	619,705	603,993	46.16	45.53
Petroleum Liquids (1000 barrels)	1,683	1,624	119.51	122.60	170	174	20,310	14,766	129.82	124.88
Petroleum Coke (1000 tons)	406	422	54.12	61.43	11	11	3,702	3,367	56.49	63.05
Natural Gas (1000 Mcf)	779,740	770,983	4.32	4.17	743	754	6,391,670	6,482,374	5.35	4.41

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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal (1000 tons)	52,303	49,265	47.58	46.63	230	236	449,998	441,132	47.18	46.64
Petroleum Liquids (1000 barrels)	1,138	792	121.14	132.99	113	114	11,826	9,579	130.47	127.48
Petroleum Coke (1000 tons)	345	373	51.54	59.92	8	7	3,169	2,525	54.78	61.98
Natural Gas (1000 Mcf)	323,732	335,876	4.78	4.45	375	377	2,760,319	2,817,157	5.47	4.57

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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal (1000 tons)	17,536	18,838	41.14	41.01	71	77	162,896	156,292	42.40	41.32
Petroleum Liquids (1000 barrels)	523	820	116.15	112.25	47	52	8,244	4,904	129.31	120.41
Petroleum Coke (1000 tons)	33	4	W	W	1	1	369	413	W	W
Natural Gas (1000 Mcf)	400,213	376,720	3.89	3.91	322	334	3,109,114	3,124,293	5.34	4.34

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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal (1000 tons)	13	6	W	W	2	2	127	129	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)	548	554	W	W	2	2	4,035	3,705	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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal (1000 tons)	732	728	W	W	21	20	6,684	6,440	W	W
Petroleum Liquids (1000 barrels)	22	12	107.87	110.96	10	8	240	283	114.88	112.52
Petroleum Coke (1000 tons)	27	45	W	W	2	3	164	429	W	W
Natural Gas (1000 Mcf)	55,248	57,833	W	W	44	41	518,202	537,219	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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal	1,377,100	1,331,684	2.37	2.35	324	335	12,099,903	11,704,533	2.36	2.35
Petroleum Liquids	10,201	9,869	19.69	20.16	170	174	122,591	89,704	21.49	20.55
Petroleum Coke	11,559	12,082	1.90	2.15	11	11	105,146	96,078	1.99	2.21
Natural Gas	804,161	787,778	4.19	4.08	743	754	6,574,330	6,644,810	5.21	4.30
Fossil Fuels	2,203,022	2,141,413	3.07	3.02	949	962	18,901,970	18,535,125	3.41	3.10

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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal	1,034,021	964,553	2.41	2.38	230	236	8,891,004	8,633,461	2.39	2.38
Petroleum Liquids	6,927	4,862	19.90	21.66	113	114	71,640	58,473	21.54	20.88
Petroleum Coke	9,844	10,687	1.81	2.09	8	7	90,180	72,361	1.93	2.16
Natural Gas	333,588	343,087	4.64	4.36	375	377	2,833,971	2,879,790	5.33	4.47
Fossil Fuels	1,384,380	1,323,189	3.02	2.96	522	522	11,886,796	11,644,085	3.19	2.99

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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal	326,150	350,561	2.21	2.20	71	77	3,055,026	2,922,431	2.26	2.21
Petroleum Liquids	3,143	4,937	19.25	18.63	47	52	49,473	29,483	21.51	20.01
Petroleum Coke	946	118	W	W	1	1	10,374	11,629	W	W
Natural Gas	412,847	384,536	3.77	3.84	322	334	3,201,299	3,207,940	5.19	4.22
Fossil Fuels	743,085	740,152	W	W	377	394	6,316,172	6,171,484	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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal	306	143	W	W	2	2	2,940	2,989	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	553	560	W	W	2	2	4,073	3,736	W	W
Fossil Fuels	858	703	W	W	2	2	7,013	6,726	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	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
Coal	16,624	16,427	W	W	21	20	150,932	145,651	W	W
Petroleum Liquids	132	70	17.63	18.34	10	8	1,478	1,748	18.62	18.24
Petroleum Coke	769	1,277	W	W	2	3	4,593	12,088	W	W
Natural Gas	57,174	59,596	W	W	44	41	534,986	553,343	W	W
Fossil Fuels	74,699	77,369	W	W	48	44	691,989	712,831	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-September 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
Year to Date											
2012	1,130,238	10,120	7,419	970,010	9,165	584,292	218,024	159,489	-3,587	10,336	3,095,504
2013	1,200,789	10,223	10,523	850,729	9,193	589,564	212,776	187,647	-3,358	9,332	3,077,418
2014	1,231,795	15,596	9,357	844,743	8,475	596,174	200,614	206,103	-4,396	9,041	3,117,501
Rolling 12 Months Ending in September											
2013	1,584,594	13,506	12,891	1,106,613	11,926	774,604	270,992	246,491	-4,721	12,784	4,029,679
2014	1,617,005	18,783	12,286	1,107,679	11,553	795,626	256,975	271,784	-5,462	12,064	4,098,292

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-September 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
Year to Date										
2012	102,013	2,437	763	28,131	7,224	5,476	1,949	11,496	218,024	377,513
2013	123,956	6,084	713	29,574	7,369	5,522	2,058	12,371	212,776	400,423
2014	133,495	12,303	1,969	31,668	7,084	5,484	1,931	12,170	200,614	406,717
Rolling 12-Month Ending in September										
2013	162,765	7,098	826	39,242	9,948	7,366	2,809	16,437	270,992	517,483
2014	177,203	14,545	2,181	42,031	9,507	7,309	2,690	16,316	256,975	528,759

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.
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Table 1.2. Net Generation by Energy Source: Electric Utilities, 2004-September 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
Year to Date											
2012	858,094	7,632	4,368	397,693	0	300,840	200,164	20,400	-3,025	465	1,786,630
2013	900,660	6,936	7,411	362,835	41	304,158	192,480	23,269	-2,760	310	1,795,341
2014	931,624	8,850	7,153	361,905	68	314,777	181,598	24,888	-3,644	331	1,827,551
Rolling 12 Months Ending in September											
2013	1,189,046	9,196	8,708	470,100	41	398,141	245,253	30,886	-3,937	449	2,347,884
2014	1,221,634	10,936	9,263	472,278	96	416,733	232,356	33,263	-4,467	429	2,392,520

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 1.3. Net Generation by Energy Source: Independent Power Producers, 2004-September 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
Year to Date											
2012	261,940	1,924	1,340	502,357	2,295	283,452	16,077	116,694	-562	5,265	1,190,780
2013	289,771	2,750	1,396	418,096	2,351	285,406	17,660	140,741	-598	5,178	1,162,750
2014	289,464	6,049	1,134	415,582	2,681	281,397	17,050	157,131	-753	4,862	1,174,596
Rolling 12 Months Ending in September											
2013	381,908	3,583	1,815	543,572	3,040	376,463	22,506	184,110	-784	6,943	1,523,155
2014	381,203	6,995	1,593	544,241	3,607	378,893	21,890	206,392	-995	6,510	1,550,328

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-September 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
Year to Date											
2012	682	142	4	5,119	0	0	21	1,886	0	779	8,632
2013	625	NM	4	4,757	0	0	30	2,156	0	861	8,615
2014	648	NM	6	4,855	0	0	NM	2,341	0	902	9,087
Rolling 12 Months Ending in September											
2013	827	NM	6	6,241	0	0	NM	2,814	0	1,129	11,284
2014	822	NM	7	6,450	0	0	NM	3,089	0	1,184	11,952

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
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Table 1.5. Net Generation by Energy Source: Industrial Sector, 2004-September 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
Year to Date											
2012	9,522	421	1,708	64,842	6,870	0	1,762	20,509	0	3,828	109,462
2013	9,733	354	1,712	65,042	6,801	0	2,605	21,481	0	2,983	110,712
2014	10,059	391	1,064	62,400	5,725	0	1,937	21,744	0	2,946	106,267
Rolling 12 Months Ending in September											
2013	12,814	496	2,362	86,700	8,844	0	3,196	28,680	0	4,264	147,356
2014	13,346	NM	NM	84,710	7,850	0	2,694	29,040	0	3,941	143,492

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	9,345	9,574	-2.4%	185	190	8,704	8,828	110	103	345	453
Connecticut	2,793	2,982	-6.4%	NM	NM	2,729	2,922	NM	32	NM	26
Maine	964	1,081	-10.8%	NM	NM	641	696	22	21	301	364
Massachusetts	2,687	2,686	0.0%	65	52	2,561	2,535	44	41	NM	58
New Hampshire	1,593	1,587	0.4%	49	66	1,536	1,513	NM	NM	NM	NM
Rhode Island	743	696	6.7%	NM	1	737	692	NM	NM	0	0
Vermont	565	541	4.3%	65	68	499	471	NM	NM	0	NM
Middle Atlantic	34,265	33,847	1.2%	2,785	2,665	30,991	30,684	169	171	321	327
New Jersey	5,803	5,637	2.9%	-12	-11	5,736	5,534	58	53	NM	60
New York	11,057	10,500	5.3%	2,768	2,640	8,132	7,700	80	89	78	72
Pennsylvania	17,405	17,710	-1.7%	28	37	17,124	17,450	31	29	222	194
East North Central	48,568	49,179	-1.2%	24,576	25,591	22,952	22,550	178	159	862	879
Illinois	15,963	16,525	-3.4%	834	912	14,866	15,362	40	36	223	215
Indiana	8,666	8,754	-1.0%	7,523	7,631	831	812	20	21	292	289
Michigan	8,410	8,484	-0.9%	6,644	6,823	1,567	1,467	84	75	116	120
Ohio	10,728	10,246	4.7%	6,194	6,467	4,430	3,649	NM	24	78	107
Wisconsin	4,800	5,170	-7.2%	3,381	3,758	1,258	1,260	NM	NM	154	148
West North Central	26,016	26,938	-3.4%	22,512	23,301	3,092	3,236	47	44	365	357
Iowa	4,141	4,567	-9.3%	3,101	3,395	843	982	17	16	180	175
Kansas	4,030	4,056	-0.6%	3,246	3,265	776	779	0	0	NM	NM
Minnesota	4,211	4,161	1.2%	3,480	3,307	590	721	NM	NM	127	120
Missouri	6,505	7,392	-12.0%	6,312	7,205	173	168	16	15	NM	NM
Nebraska	3,191	3,118	2.3%	2,951	2,953	204	131	NM	NM	35	33
North Dakota	2,818	2,599	8.4%	2,474	2,295	332	291	NM	NM	NM	NM
South Dakota	1,120	1,044	7.3%	946	881	174	164	NM	NM	0	0
South Atlantic	65,398	65,336	0.1%	52,720	53,276	11,102	10,470	89	83	1,487	1,507
Delaware	770	682	12.8%	NM	NM	645	614	NM	NM	123	66
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	20,508	20,291	1.1%	18,855	18,451	1,230	1,392	NM	NM	418	441
Georgia	10,507	10,940	-4.0%	8,833	9,589	1,310	950	NM	NM	361	397
Maryland	2,888	2,773	4.2%	NM	NM	2,831	2,729	NM	22	26	19
North Carolina	10,097	10,575	-4.5%	8,655	9,188	1,298	1,182	NM	7	136	198
South Carolina	8,191	7,329	11.8%	7,924	7,008	106	201	NM	NM	162	119
Virginia	5,812	6,009	-3.3%	4,518	4,858	1,087	932	37	40	170	179
West Virginia	6,619	6,732	-1.7%	3,932	4,178	2,596	2,468	0	0	91	86
East South Central	31,224	30,662	1.8%	26,636	26,647	3,738	3,119	NM	17	832	879
Alabama	12,469	12,601	-1.0%	8,999	9,695	3,140	2,541	0	0	331	366
Kentucky	6,950	7,309	-4.9%	6,926	7,281	NM	8	0	0	NM	20
Mississippi	4,850	4,276	13.4%	4,022	3,469	591	563	NM	NM	235	243
Tennessee	6,955	6,475	7.4%	6,690	6,202	NM	7	NM	15	242	250
West South Central	59,036	60,898	-3.1%	21,442	23,107	31,742	31,833	74	74	5,777	5,884
Arkansas	5,105	5,438	-6.1%	3,843	4,399	1,128	883	NM	NM	134	155
Louisiana	9,086	9,116	-0.3%	5,131	4,798	1,701	2,092	NM	NM	2,250	2,222
Oklahoma	5,606	6,572	-14.7%	3,798	4,781	1,732	1,706	NM	NM	73	81
Texas	39,239	39,773	-1.3%	8,670	9,128	27,181	27,151	67	67	3,321	3,426
Mountain	32,638	31,479	3.7%	25,107	24,054	7,238	7,147	31	33	262	245
Arizona	10,844	10,492	3.4%	8,669	8,122	2,164	2,360	NM	10	0	0
Colorado	4,330	4,219	2.6%	3,302	3,028	1,020	1,180	NM	5	NM	6
Idaho	1,159	1,190	-2.6%	700	745	415	410	0	0	44	35
Montana	2,427	1,774	36.8%	542	390	1,884	1,383	0	0	NM	NM
Nevada	3,427	2,987	14.7%	2,420	2,029	988	926	9	8	NM	24
New Mexico	2,678	2,958	-9.5%	2,238	2,448	434	503	NM	6	NM	NM
Utah	3,782	3,734	1.3%	3,518	3,438	149	173	NM	NM	113	120
Wyoming	3,989	4,125	-3.3%	3,718	3,854	182	212	0	0	89	59
Pacific Contiguous	31,169	31,093	0.2%	16,250	16,638	13,242	12,765	249	246	1,428	1,444
California	18,842	18,669	0.9%	6,806	7,141	10,530	10,011	244	241	1,262	1,277
Oregon	4,614	4,487	2.8%	3,126	3,055	1,428	1,376	NM	NM	56	51
Washington	7,713	7,937	-2.8%	6,318	6,443	1,284	1,378	NM	NM	110	116
Pacific Noncontiguous	1,317	1,288	2.3%	944	849	302	368	42	42	30	29
Alaska	456	453	0.7%	419	417	21	20	10	10	NM	NM
Hawaii	861	835	3.2%	525	431	281	348	32	32	23	23
U.S. Total	338,976	340,293	-0.4%	193,157	196,318	133,104	131,000	1,006	972	11,709	12,003

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.6.B. Net Generation

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	85,373	88,384	-3.4%	3,021	3,079	78,062	80,294	1,055	953	3,236	4,058
Connecticut	25,565	26,584	-3.8%	36	35	24,995	26,022	286	281	247	247
Maine	10,258	10,552	-2.8%	NM	NM	7,614	7,186	191	178	2,452	3,188
Massachusetts	24,776	26,192	-5.4%	643	533	23,183	24,687	453	397	497	575
New Hampshire	14,465	14,981	-3.4%	1,669	1,817	12,698	13,083	NM	53	NM	NM
Rhode Island	4,874	5,038	-3.3%	3	8	4,822	4,989	NM	41	0	0
Vermont	5,436	5,038	7.9%	669	685	4,749	4,328	NM	NM	NM	NM
Middle Atlantic	321,915	327,066	-1.6%	26,534	25,915	290,714	296,455	1,532	1,563	3,134	3,133
New Jersey	50,581	49,873	1.4%	-113	-86	49,802	48,981	449	447	442	531
New York	102,822	102,544	0.3%	25,704	25,115	75,584	75,881	804	844	730	704
Pennsylvania	168,512	174,649	-3.5%	944	886	165,327	171,593	279	272	1,962	1,899
East North Central	469,846	464,385	1.2%	248,700	243,554	211,886	211,482	1,501	1,423	7,760	7,927
Illinois	150,705	151,654	-0.6%	7,881	8,981	140,421	140,345	381	369	2,022	1,960
Indiana	88,675	82,417	7.6%	78,270	71,919	7,990	7,917	172	179	2,243	2,401
Michigan	80,251	78,021	2.9%	63,710	61,707	14,776	14,599	658	632	1,106	1,083
Ohio	103,980	102,532	1.4%	65,322	65,734	37,544	35,558	216	212	898	1,028
Wisconsin	46,235	49,760	-7.1%	33,516	35,213	11,155	13,062	73	30	1,490	1,455
West North Central	256,418	248,913	3.0%	221,777	216,748	30,840	28,531	452	414	3,349	3,221
Iowa	42,571	43,210	-1.5%	31,625	32,396	9,049	9,021	181	160	1,716	1,633
Kansas	37,933	36,479	4.0%	30,435	30,165	7,431	6,255	0	0	66	60
Minnesota	42,162	37,970	11.0%	34,582	30,615	6,365	6,183	125	117	1,090	1,056
Missouri	68,748	69,719	-1.4%	66,938	67,728	1,623	1,818	134	125	54	48
Nebraska	29,933	27,505	8.8%	27,975	26,104	1,632	1,085	NM	12	314	304
North Dakota	26,658	26,346	1.2%	23,418	23,547	3,131	2,679	NM	NM	109	121
South Dakota	8,412	7,683	9.5%	6,803	6,193	1,609	1,490	NM	NM	0	0
South Atlantic	604,541	573,893	5.3%	494,855	469,433	95,139	89,673	809	707	13,738	14,080
Delaware	5,670	5,892	-3.8%	NM	NM	5,030	5,128	NM	NM	625	752
District of Columbia	47	46	1.4%	0	0	0	0	47	46	0	0
Florida	177,617	167,346	6.1%	163,168	152,528	10,625	10,812	48	49	3,776	3,957
Georgia	97,565	91,875	6.2%	85,560	80,587	8,519	7,682	25	25	3,461	3,581
Maryland	29,670	26,269	12.9%	NM	15	29,121	25,799	254	200	277	254
North Carolina	98,690	94,089	4.9%	87,529	82,331	9,536	9,847	91	47	1,534	1,864
South Carolina	73,633	73,706	-0.1%	71,002	71,095	1,098	1,265	NM	NM	1,531	1,344
Virginia	59,690	58,532	2.0%	48,144	48,579	9,521	8,166	339	335	1,685	1,451
West Virginia	61,958	56,137	10.4%	39,422	34,288	21,688	20,972	0	0	847	877
East South Central	285,883	284,929	0.3%	246,861	247,034	30,815	29,442	155	152	8,052	8,301
Alabama	113,630	113,715	-0.1%	86,550	86,258	23,853	24,150	0	0	3,227	3,307
Kentucky	68,966	68,281	1.0%	68,370	67,758	149	202	0	0	446	321
Mississippi	41,594	40,723	2.1%	32,629	33,473	6,733	5,015	NM	NM	2,218	2,220
Tennessee	61,694	62,209	-0.8%	59,312	59,545	80	74	140	137	2,161	2,454
West South Central	516,724	509,990	1.3%	190,357	187,325	273,952	267,527	587	572	51,827	54,566
Arkansas	47,476	46,540	2.0%	36,965	34,572	9,156	10,488	NM	NM	1,352	1,475
Louisiana	79,111	76,714	3.1%	40,454	37,901	18,013	16,910	31	32	20,612	21,871
Oklahoma	54,578	56,501	-3.4%	37,453	41,111	16,468	14,707	NM	NM	643	672
Texas	335,559	330,235	1.6%	75,486	73,741	230,315	225,422	538	524	29,220	30,548
Mountain	281,871	285,023	-1.1%	221,601	223,161	57,808	59,242	285	282	2,177	2,337
Arizona	84,792	85,327	-0.6%	71,234	70,963	13,463	14,270	94	93	0	0
Colorado	40,723	40,281	1.1%	31,289	30,795	9,353	9,405	35	31	45	50
Idaho	12,444	12,325	1.0%	8,422	8,227	3,653	3,725	0	0	370	373
Montana	22,329	21,347	4.6%	6,934	5,875	15,387	15,465	0	0	NM	8
Nevada	27,488	28,087	-2.1%	19,623	19,472	7,733	8,364	75	74	57	176
New Mexico	24,550	27,459	-10.6%	19,979	22,940	4,520	4,458	51	57	NM	NM
Utah	32,619	31,519	3.5%	30,325	29,218	1,424	1,389	30	27	840	885
Wyoming	36,927	38,678	-4.5%	33,794	35,671	2,277	2,166	0	0	856	841
Pacific Contiguous	283,230	282,965	0.1%	165,990	170,851	102,261	97,118	2,256	2,180	12,723	12,815
California	150,014	151,411	-0.9%	54,452	61,318	82,164	76,681	2,210	2,133	11,188	11,279
Oregon	44,946	45,150	-0.5%	33,591	32,936	10,840	11,699	NM	44	481	471
Washington	88,270	86,403	2.2%	77,947	76,597	9,258	8,738	NM	NM	1,054	1,065
Pacific Noncontiguous	11,702	11,871	-1.4%	7,856	8,242	3,119	2,987	455	370	272	272
Alaska	4,393	4,580	-4.1%	3,998	4,234	189	183	166	108	NM	55
Hawaii	7,309	7,292	0.2%	3,858	4,008	2,930	2,805	289	262	232	217
U.S. Total	3,117,501	3,077,418	1.3%	1,827,551	1,795,341	1,174,596	1,162,750	9,087	8,615	106,267	110,712

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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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	66	124	-47.1%	11	14	51	106	0	0	NM	5
Connecticut	-2	7	-125.0%	0	0	-2	7	0	0	0	0
Maine	1	3	-47.1%	0	0	0	1	0	0	1	2
Massachusetts	55	101	-45.6%	0	0	52	98	0	0	NM	NM
New Hampshire	11	14	-19.2%	11	14	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	5,506	7,384	-25.4%	NM	NM	5,431	7,325	NM	NM	71	55
New Jersey	121	133	-8.6%	0	0	121	133	0	0	0	0
New York	212	188	12.6%	NM	NM	183	165	0	0	26	21
Pennsylvania	5,173	7,063	-26.8%	0	0	5,127	7,028	NM	NM	45	34
East North Central	27,983	30,865	-9.3%	20,531	22,072	7,183	8,525	17	19	252	249
Illinois	6,555	7,712	-15.0%	796	847	5,611	6,720	NM	NM	147	144
Indiana	7,519	7,579	-0.8%	7,023	7,103	480	458	12	13	NM	NM
Michigan	4,271	4,782	-10.7%	4,213	4,747	35	NM	3	4	21	20
Ohio	6,647	7,464	-11.0%	5,572	6,111	1,058	1,337	NM	NM	17	16
Wisconsin	2,992	3,329	-10.1%	2,929	3,263	0	0	NM	NM	63	65
West North Central	16,358	17,609	-7.1%	16,064	17,323	0	0	17	19	277	267
Iowa	2,595	2,696	-3.7%	2,408	2,513	0	0	12	13	175	170
Kansas	2,167	2,653	-18.3%	2,167	2,653	0	0	0	0	0	0
Minnesota	2,068	1,754	17.9%	2,011	1,701	0	0	0	0	56	54
Missouri	5,176	5,969	-13.3%	5,167	5,958	0	0	5	6	NM	NM
Nebraska	2,051	2,278	-10.0%	2,018	2,246	0	0	0	0	34	32
North Dakota	2,104	2,014	4.5%	2,097	2,006	0	0	0	0	NM	NM
South Dakota	197	245	-19.8%	197	245	0	0	0	0	0	0
South Atlantic	22,993	23,365	-1.6%	18,631	19,099	4,174	4,072	NM	4	186	190
Delaware	63	129	-51.3%	0	0	63	129	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,316	4,213	2.5%	4,122	4,022	177	170	0	0	NM	21
Georgia	3,605	3,972	-9.2%	3,576	3,934	0	0	0	0	29	38
Maryland	1,277	1,175	8.7%	0	0	1,267	1,166	NM	NM	10	8
North Carolina	3,583	3,742	-4.3%	3,422	3,547	142	170	0	2	NM	23
South Carolina	2,322	2,038	13.9%	2,312	2,027	0	0	0	0	10	11
Virginia	1,450	1,569	-7.6%	1,312	1,442	97	80	NM	NM	41	46
West Virginia	6,377	6,527	-2.3%	3,886	4,127	2,429	2,357	0	0	62	43
East South Central	14,658	14,840	-1.2%	14,443	14,434	113	291	NM	NM	100	112
Alabama	3,904	4,423	-11.7%	3,889	4,406	0	0	0	0	14	17
Kentucky	6,527	6,905	-5.5%	6,527	6,905	0	0	0	0	0	0
Mississippi	931	751	23.9%	818	460	113	291	0	0	0	0
Tennessee	3,296	2,760	19.4%	3,208	2,663	0	0	NM	NM	86	96
West South Central	20,848	21,607	-3.5%	11,054	11,055	9,755	10,502	0	0	40	50
Arkansas	2,762	2,911	-5.1%	2,292	2,484	466	419	0	0	4	7
Louisiana	2,000	2,167	-7.7%	1,159	1,119	842	1,048	0	0	0	0
Oklahoma	2,640	2,759	-4.3%	2,425	2,554	179	163	0	0	36	43
Texas	13,445	13,770	-2.4%	5,178	4,897	8,268	8,872	0	0	0	0
Mountain	16,789	16,295	3.0%	14,932	14,917	1,738	1,268	0	0	119	109
Arizona	3,899	3,745	4.1%	3,899	3,745	0	0	0	0	0	0
Colorado	2,590	2,421	7.0%	2,579	2,407	NM	13	0	0	NM	NM
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	1,548	1,088	42.4%	NM	NM	1,526	1,064	0	0	NM	NM
Nevada	439	407	8.0%	329	308	110	98	0	0	0	0
New Mexico	1,759	1,906	-7.7%	1,759	1,906	0	0	0	0	0	0
Utah	2,910	2,969	-2.0%	2,798	2,864	NM	NM	0	0	76	69
Wyoming	3,636	3,754	-3.1%	3,546	3,664	NM	NM	0	0	35	33
Pacific Contiguous	1,260	1,315	-4.2%	405	375	823	907	0	0	32	33
California	105	120	-11.9%	0	0	78	90	0	0	27	30
Oregon	405	375	8.3%	405	375	0	0	0	0	0	0
Washington	749	821	-8.7%	0	0	745	817	0	0	4	4
Pacific Noncontiguous	172	173	-0.6%	15	18	145	143	9	9	NM	NM
Alaska	42	43	-3.4%	15	18	18	17	9	9	0	0
Hawaii	130	130	0.3%	0	0	127	127	0	0	NM	NM
U.S. Total	126,634	133,577	-5.2%	96,089	99,308	29,412	33,141	49	54	1,084	1,075

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

Table 1.7.B. Net Generation from Coal

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	4,350	4,641	-6.3%	1,061	1,176	3,239	3,418	0	0	49	46
Connecticut	706	426	65.6%	0	0	706	426	0	0	0	0
Maine	63	46	38.8%	0	0	41	24	0	0	23	21
Massachusetts	2,519	2,992	-15.8%	0	0	2,492	2,967	0	0	27	25
New Hampshire	1,061	1,176	-9.8%	1,061	1,176	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	70,414	76,638	-8.1%	NM	NM	69,664	76,011	NM	13	686	575
New Jersey	2,194	1,605	36.7%	0	0	2,194	1,605	0	0	0	0
New York	4,288	3,914	9.5%	NM	NM	4,005	3,647	0	0	233	227
Pennsylvania	63,933	71,119	-10.1%	0	0	63,465	70,759	NM	13	453	347
East North Central	282,212	279,830	0.9%	207,076	205,242	72,396	72,010	223	248	2,517	2,331
Illinois	65,411	65,407	0.0%	7,460	8,341	56,522	55,738	38	41	1,391	1,287
Indiana	76,162	69,408	9.7%	72,064	65,398	3,959	3,866	98	106	40	39
Michigan	41,178	42,367	-2.8%	40,565	41,809	325	269	79	94	209	195
Ohio	70,075	72,106	-2.8%	58,277	59,778	11,589	12,136	NM	NM	205	189
Wisconsin	29,387	30,543	-3.8%	28,710	29,917	0	0	NM	NM	672	621
West North Central	166,017	167,006	-0.6%	163,184	164,283	0	0	196	205	2,636	2,518
Iowa	25,603	26,114	-2.0%	23,789	24,379	0	0	140	132	1,674	1,603
Kansas	22,446	22,938	-2.1%	22,446	22,938	0	0	0	0	0	0
Minnesota	20,746	16,970	22.3%	20,210	16,460	0	0	0	0	537	510
Missouri	56,235	58,067	-3.2%	56,129	57,949	0	0	56	74	50	45
Nebraska	18,875	19,858	-4.9%	18,571	19,566	0	0	0	0	304	292
North Dakota	20,033	20,819	-3.8%	19,962	20,750	0	0	0	0	71	68
South Dakota	2,079	2,240	-7.2%	2,079	2,240	0	0	0	0	0	0
South Atlantic	231,345	202,183	14.4%	190,476	165,277	39,078	35,217	35	41	1,755	1,649
Delaware	898	1,171	-23.3%	0	0	898	1,171	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	39,938	35,195	13.5%	38,546	33,915	1,234	1,112	0	0	159	168
Georgia	38,183	30,797	24.0%	37,834	30,435	0	0	0	0	349	362
Maryland	14,514	11,528	25.9%	0	0	14,377	11,407	12	11	124	109
North Carolina	39,592	35,877	10.4%	38,193	34,378	1,216	1,295	15	22	168	182
South Carolina	22,859	18,180	25.7%	22,716	18,068	0	0	0	0	143	112
Virginia	16,041	16,063	-0.1%	14,396	14,750	1,251	888	NM	NM	386	417
West Virginia	59,319	53,372	11.1%	38,792	33,731	20,101	19,344	0	0	425	297
East South Central	140,170	131,999	6.2%	137,042	128,738	2,122	2,166	20	19	986	1,076
Alabama	37,856	35,675	6.1%	37,719	35,522	2	0	0	0	134	154
Kentucky	63,348	63,087	0.4%	63,348	63,087	0	0	0	0	0	0
Mississippi	9,099	6,796	33.9%	6,979	4,630	2,120	2,166	0	0	0	0
Tennessee	29,867	26,441	13.0%	28,996	25,499	0	0	20	19	851	923
West South Central	181,116	177,214	2.2%	97,221	95,120	83,534	81,693	0	0	361	401
Arkansas	25,971	24,599	5.6%	23,159	21,361	2,767	3,167	0	0	44	71
Louisiana	15,224	16,594	-8.3%	6,310	7,753	8,904	8,836	0	0	NM	NM
Oklahoma	23,515	22,489	4.6%	21,804	20,912	1,403	1,254	0	0	307	324
Texas	116,407	113,531	2.5%	45,947	45,094	70,459	68,437	0	0	0	0
Mountain	146,899	152,146	-3.4%	133,179	138,083	12,936	13,245	0	0	784	818
Arizona	32,367	32,596	-0.7%	32,367	32,596	0	0	0	0	0	0
Colorado	25,245	25,589	-1.3%	25,147	25,484	92	99	0	0	NM	NM
Idaho	61	57	6.2%	0	0	0	0	0	0	61	57
Montana	11,209	11,475	-2.3%	197	204	11,003	11,263	0	0	NM	8
Nevada	5,403	4,147	30.3%	4,341	3,122	1,062	1,026	0	0	0	0
New Mexico	15,362	18,367	-16.4%	15,362	18,367	0	0	0	0	0	0
Utah	24,816	25,492	-2.7%	24,121	24,714	291	326	0	0	404	452
Wyoming	32,436	34,423	-5.8%	31,644	33,597	487	532	0	0	304	295
Pacific Contiguous	7,707	7,725	-0.2%	2,191	2,561	5,260	4,875	0	0	256	290
California	750	916	-18.1%	0	0	526	649	0	0	224	267
Oregon	2,191	2,561	-14.5%	2,191	2,561	0	0	0	0	0	0
Washington	4,767	4,248	12.2%	0	0	4,734	4,225	0	0	32	23
Pacific Noncontiguous	1,565	1,406	11.3%	143	141	1,234	1,136	159	100	NM	29
Alaska	452	387	16.7%	143	141	149	146	159	100	0	0
Hawaii	1,113	1,019	9.2%	0	0	1,085	990	0	0	NM	29
U.S. Total	1,231,795	1,200,789	2.6%	931,624	900,660	289,464	289,771	648	625	10,059	9,733

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

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	12	30	-58.0%	4	5	4	19	4	NM	NM	NM
Connecticut	3	5	-37.4%	NM	NM	3	4	NM	NM	NM	NM
Maine	1	NM	NM	NM	NM	NM	NM	NM	NM	1	NM
Massachusetts	6	21	-72.9%	2	3	2	15	NM	NM	NM	NM
New Hampshire	NM	NM	NM	0	NM	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	1	0	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	38	81	-53.2%	4	23	25	49	2	NM	6	7
New Jersey	1	5	-74.7%	NM	NM	1	4	NM	NM	NM	NM
New York	19	57	-67.1%	4	23	7	27	2	NM	6	6
Pennsylvania	18	19	-6.1%	NM	NM	17	18	NM	NM	NM	NM
East North Central	37	55	-32.9%	31	39	4	14	NM	NM	1	NM
Illinois	7	5	34.9%	3	2	4	3	NM	NM	NM	NM
Indiana	9	11	-16.8%	8	10	NM	NM	NM	NM	1	1
Michigan	9	12	-21.4%	9	12	0	0	NM	0	NM	NM
Ohio	10	23	-54.6%	9	11	1	11	NM	NM	NM	NM
Wisconsin	1	4	-74.5%	1	4	NM	NM	NM	NM	NM	NM
West North Central	22	24	-7.4%	22	23	NM	0	NM	NM	NM	NM
Iowa	3	5	-37.3%	3	5	NM	NM	NM	NM	NM	NM
Kansas	5	3	47.5%	5	3	0	0	0	0	0	0
Minnesota	1	6	-77.1%	NM	6	NM	NM	NM	NM	NM	NM
Missouri	6	4	62.8%	6	4	0	0	NM	NM	0	0
Nebraska	2	2	19.8%	2	2	0	0	0	0	0	0
North Dakota	4	3	24.3%	4	3	0	0	NM	NM	NM	NM
South Dakota	1	NM	NM	1	NM	NM	NM	NM	NM	0	0
South Atlantic	63	87	-27.2%	46	48	11	30	NM	NM	6	7
Delaware	1	2	-67.3%	NM	NM	1	2	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	11	15	-25.6%	9	13	NM	NM	0	0	NM	NM
Georgia	4	5	-24.3%	1	2	NM	NM	NM	NM	2	3
Maryland	6	14	-53.5%	NM	NM	4	12	NM	NM	0	0
North Carolina	8	12	-37.0%	7	12	NM	NM	NM	NM	NM	NM
South Carolina	5	6	-12.6%	4	6	1	0	NM	NM	0	1
Virginia	19	24	-21.1%	14	6	5	16	NM	0	NM	1
West Virginia	9	8	8.3%	9	8	0	0	0	0	0	0
East South Central	40	21	92.7%	38	19	NM	NM	NM	NM	NM	NM
Alabama	9	5	74.4%	6	3	NM	NM	0	0	NM	NM
Kentucky	9	6	55.4%	9	6	0	0	0	0	0	0
Mississippi	2	1	117.2%	2	1	0	0	0	0	0	0
Tennessee	21	9	122.2%	21	9	0	0	NM	NM	NM	NM
West South Central	20	10	100.9%	7	5	10	4	NM	NM	2	1
Arkansas	2	2	7.1%	2	2	0	0	0	0	0	0
Louisiana	5	2	144.7%	1	1	2	1	0	0	2	1
Oklahoma	2	0	637.8%	2	0	0	0	NM	0	NM	NM
Texas	11	6	94.1%	3	2	8	3	NM	NM	NM	NM
Mountain	15	-93	-115.7%	13	-95	1	NM	NM	0	NM	NM
Arizona	2	-105	-102.1%	2	-105	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	1	NM	NM	NM	NM	1	NM	0	0	0	0
Nevada	2	2	-3.0%	2	2	0	0	0	0	0	0
New Mexico	3	2	14.1%	3	2	NM	NM	0	0	NM	NM
Utah	2	2	24.0%	2	2	NM	NM	0	0	NM	NM
Wyoming	4	4	-13.5%	3	4	0	0	0	0	NM	NM
Pacific Contiguous	13	13	-0.2%	4	4	2	NM	5	7	2	2
California	11	11	6.4%	4	4	2	NM	5	7	1	0
Oregon	0	0	30.4%	0	0	0	0	0	0	0	0
Washington	NM	NM	NM	NM	NM	NM	0	NM	NM	NM	NM
Pacific Noncontiguous	684	638	7.2%	578	481	95	148	1	NM	10	NM
Alaska	62	59	4.0%	57	56	0	0	NM	NM	4	3
Hawaii	622	579	7.5%	521	425	95	148	0	0	NM	NM
U.S. Total	944	865	9.2%	747	552	153	266	14	16	31	30

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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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	2,130	723	194.5%	248	121	1,700	510	NM	66	NM	27
Connecticut	494	218	126.6%	NM	3	480	211	NM	NM	NM	NM
Maine	283	171	65.7%	NM	NM	259	157	NM	NM	NM	11
Massachusetts	963	232	314.9%	127	56	737	126	NM	39	NM	12
New Hampshire	299	67	348.2%	104	51	162	NM	NM	NM	NM	NM
Rhode Island	80	31	157.7%	3	8	62	16	NM	NM	0	0
Vermont	NM	NM	NM	NM	3	0	0	NM	NM	0	0
Middle Atlantic	3,093	1,193	159.2%	875	426	2,114	686	NM	NM	73	63
New Jersey	438	93	374.0%	NM	NM	429	87	NM	NM	NM	NM
New York	2,040	855	138.6%	872	422	1,079	359	NM	NM	62	57
Pennsylvania	614	246	150.0%	NM	NM	606	240	NM	NM	NM	NM
East North Central	604	470	28.7%	429	373	156	86	NM	NM	NM	10
Illinois	71	60	17.7%	26	22	45	38	NM	NM	NM	NM
Indiana	121	104	16.9%	111	99	NM	NM	NM	NM	10	5
Michigan	108	108	0.4%	105	105	NM	0	2	1	2	2
Ohio	267	173	54.2%	157	126	106	46	NM	NM	NM	NM
Wisconsin	37	24	49.8%	30	22	5	2	NM	NM	NM	NM
West North Central	282	219	29.1%	268	214	11	2	NM	NM	2	2
Iowa	50	59	-15.7%	48	58	NM	1	NM	NM	NM	NM
Kansas	43	41	5.4%	43	41	0	0	0	0	0	0
Minnesota	51	13	286.7%	40	11	9	1	NM	NM	NM	NM
Missouri	90	53	69.0%	90	53	0	0	NM	NM	0	0
Nebraska	22	20	11.2%	22	20	0	0	0	0	0	0
North Dakota	20	25	-21.5%	19	24	0	0	NM	NM	NM	NM
South Dakota	6	7	-15.6%	6	7	NM	NM	NM	NM	0	0
South Atlantic	3,082	1,266	143.5%	2,126	954	808	185	NM	NM	101	104
Delaware	159	22	627.2%	NM	NM	159	21	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	504	422	19.6%	467	389	NM	NM	0	0	34	29
Georgia	145	62	132.5%	82	22	30	NM	NM	1	32	39
Maryland	436	125	247.6%	NM	6	383	97	NM	NM	0	0
North Carolina	388	159	144.0%	344	144	30	8	NM	NM	NM	7
South Carolina	250	85	192.7%	229	79	14	0	NM	NM	8	7
Virginia	1,078	281	283.6%	900	206	165	54	1	0	NM	21
West Virginia	121	109	11.5%	98	108	23	1	0	0	0	0
East South Central	389	275	41.6%	336	235	10	1	NM	NM	43	39
Alabama	116	82	42.5%	65	45	10	1	0	0	41	36
Kentucky	101	85	18.3%	101	85	0	0	0	0	0	0
Mississippi	NM	11	NM	NM	8	0	0	0	0	1	3
Tennessee	160	97	64.8%	158	96	0	0	NM	NM	NM	NM
West South Central	149	139	6.6%	64	51	74	72	NM	NM	10	16
Arkansas	19	30	-37.2%	11	18	6	12	0	0	2	1
Louisiana	37	40	-6.0%	10	9	21	18	0	0	6	13
Oklahoma	11	6	81.5%	11	6	0	0	NM	NM	NM	NM
Texas	81	64	27.8%	32	19	47	43	NM	NM	NM	NM
Mountain	179	46	289.5%	160	29	16	13	NM	NM	NM	3
Arizona	45	-78	-157.7%	45	-78	0	0	NM	NM	0	0
Colorado	NM	6	NM	NM	6	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	13	9	44.9%	NM	NM	13	9	0	0	0	0
Nevada	12	14	-14.1%	10	11	2	3	0	0	0	0
New Mexico	46	34	34.4%	46	34	NM	NM	0	0	NM	NM
Utah	25	28	-8.7%	25	27	NM	NM	0	0	NM	NM
Wyoming	31	33	-5.3%	28	29	0	0	0	0	3	3
Pacific Contiguous	NM	NM	NM	35	32	13	10	NM	NM	11	16
California	NM	NM	NM	25	25	7	3	NM	NM	3	6
Oregon	NM	5	NM	7	5	0	0	NM	0	0	0
Washington	NM	19	NM	NM	NM	7	7	NM	NM	8	10
Pacific Noncontiguous	5,549	5,769	-3.8%	4,308	4,502	1,147	1,185	7	7	87	75
Alaska	516	569	-9.3%	490	534	0	0	5	6	20	30
Hawaii	5,034	5,200	-3.2%	3,818	3,969	1,147	1,185	1	1	NM	45
U.S. Total	15,596	10,223	52.6%	8,850	6,936	6,049	2,750	NM	NM	391	354

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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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 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	315	215	46.7%	190	84	101	100	0	0	NM	NM
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	106	77	38.2%	106	77	0	0	0	0	0	0
Michigan	88	NM	NM	75	2	3	1	0	0	NM	NM
Ohio	98	101	-2.5%	0	0	98	99	0	0	NM	NM
Wisconsin	22	19	17.3%	9	5	0	0	0	0	13	13
West North Central	1	1	43.3%	0	0	0	0	1	1	0	0
Iowa	1	1	43.3%	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	15	296	-95.0%	0	281	0	0	0	0	15	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	281	-100.0%	0	281	0	0	0	0	0	0
Georgia	15	15	-0.5%	0	0	0	0	0	0	15	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	111	108	2.5%	111	108	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	111	108	2.5%	111	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	452	549	-17.5%	410	431	0	0	0	0	NM	118
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	441	475	-7.2%	410	431	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	NM	74	NM	0	0	0	0	0	0	NM	74
Mountain	41	37	9.0%	0	0	41	37	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	41	37	9.0%	0	0	41	37	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	958	1,243	-23.0%	712	905	145	148	1	1	100	190

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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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 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	214	217	-1.7%	0	0	0	0	0	0	214	217
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	147	156	-6.1%	0	0	0	0	0	0	147	156
East North Central	2,691	2,348	14.6%	1,596	1,164	834	895	0	0	261	289
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	978	1,117	-12.4%	978	1,117	0	0	0	0	0	0
Michigan	684	171	301.1%	534	2	40	54	0	0	110	114
Ohio	806	857	-5.9%	0	0	794	840	0	0	NM	NM
Wisconsin	222	203	9.0%	83	45	0	0	0	0	138	159
West North Central	6	4	53.9%	0	0	0	0	6	4	0	0
Iowa	6	4	53.9%	0	0	0	0	6	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	1,353	1,962	-31.0%	1,211	1,794	0	0	0	0	142	168
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	1,794	-32.5%	1,211	1,794	0	0	0	0	0	0
Georgia	142	168	-15.5%	0	0	0	0	0	0	142	168
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	776	1,003	-22.6%	776	1,003	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	776	1,003	-22.6%	776	1,003	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	4,018	4,586	-12.4%	3,570	3,451	0	98	0	0	448	1,038
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	3,874	3,797	2.0%	3,570	3,451	0	0	0	0	304	346
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	144	790	-81.8%	0	0	0	98	0	0	144	692
Mountain	279	325	-13.9%	0	0	279	325	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	279	325	-13.9%	0	0	279	325	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	79	NM	0	0	NM	79	0	0	0	0
California	NM	79	NM	0	0	NM	79	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	9,357	10,523	-11.1%	7,153	7,411	1,134	1,396	6	4	1,064	1,712

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	4,509	4,780	-5.7%	42	25	4,238	4,484	82	76	146	195
Connecticut	1,160	1,330	-12.7%	2	1	1,100	1,272	NM	32	NM	25
Maine	279	364	-23.2%	0	0	171	205	NM	NM	106	156
Massachusetts	1,886	1,958	-3.7%	39	23	1,794	1,886	40	37	NM	11
New Hampshire	466	443	5.3%	1	1	461	438	NM	NM	NM	NM
Rhode Island	717	686	4.5%	0	0	713	683	NM	NM	0	0
Vermont	0	0	-16.1%	0	0	0	0	0	0	0	0
Middle Atlantic	13,035	10,627	22.7%	1,042	1,043	11,823	9,401	63	70	107	113
New Jersey	2,963	2,379	24.5%	0	NM	2,928	2,323	NM	16	NM	38
New York	5,056	4,124	22.6%	1,042	1,041	3,956	3,020	36	45	NM	18
Pennsylvania	5,017	4,124	21.7%	NM	NM	4,939	4,058	NM	NM	68	57
East North Central	4,687	3,639	28.8%	1,496	1,302	2,966	2,145	114	105	111	88
Illinois	461	510	-9.7%	30	58	363	394	39	34	NM	23
Indiana	537	608	-11.6%	320	372	176	198	NM	NM	36	33
Michigan	862	890	-3.1%	279	235	526	598	39	42	NM	NM
Ohio	2,216	984	125.2%	574	296	1,608	657	NM	23	NM	NM
Wisconsin	610	647	-5.6%	293	340	293	298	NM	NM	NM	NM
West North Central	884	1,599	-44.7%	712	1,327	136	232	NM	NM	NM	NM
Iowa	128	193	-33.7%	123	191	NM	NM	NM	NM	NM	NM
Kansas	141	240	-41.2%	133	227	0	0	0	0	NM	NM
Minnesota	224	594	-62.3%	185	435	26	145	NM	NM	NM	NM
Missouri	344	432	-20.3%	226	336	110	87	8	9	NM	NM
Nebraska	NM	69	NM	NM	68	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	1	NM	0	0	0	0	NM	NM
South Dakota	NM	70	NM	NM	70	0	0	0	0	0	0
South Atlantic	23,757	22,814	4.1%	18,726	18,123	4,749	4,396	NM	25	250	270
Delaware	646	512	26.1%	NM	NM	570	472	0	0	74	39
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	13,165	12,591	4.6%	12,323	11,541	733	932	NM	NM	106	114
Georgia	4,045	3,675	10.1%	2,778	2,708	1,242	900	0	0	NM	67
Maryland	232	301	-23.0%	0	0	204	281	NM	16	NM	NM
North Carolina	2,741	2,515	9.0%	1,784	1,657	951	846	0	0	NM	12
South Carolina	869	1,129	-23.0%	763	927	99	195	0	NM	NM	NM
Virginia	1,976	2,062	-4.2%	1,076	1,286	874	752	0	0	26	24
West Virginia	76	23	235.7%	0	4	76	18	0	0	0	NM
East South Central	7,758	6,599	17.6%	3,932	3,583	3,601	2,801	NM	15	210	200
Alabama	4,369	3,703	18.0%	1,177	1,111	3,124	2,523	0	0	68	69
Kentucky	77	76	0.3%	58	50	0	7	0	0	NM	19
Mississippi	2,797	2,401	16.5%	2,208	2,018	477	272	NM	NM	110	110
Tennessee	516	419	23.1%	489	404	0	0	NM	13	13	2
West South Central	26,765	28,132	-4.9%	6,778	8,187	14,972	14,879	68	71	4,946	4,995
Arkansas	761	839	-9.3%	89	366	653	454	NM	NM	19	20
Louisiana	4,615	4,484	2.9%	2,046	1,728	715	932	NM	NM	1,851	1,821
Oklahoma	2,028	2,855	-28.9%	1,219	1,946	798	898	NM	NM	NM	NM
Texas	19,360	19,954	-3.0%	3,424	4,147	12,806	12,596	62	64	3,068	3,147
Mountain	8,790	8,528	3.1%	5,316	4,608	3,372	3,810	23	24	78	87
Arizona	3,325	3,352	-0.8%	1,437	1,199	1,879	2,144	NM	8	0	0
Colorado	1,128	1,161	-2.8%	628	577	499	581	0	1	NM	NM
Idaho	342	373	-8.2%	180	211	161	157	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	2,462	2,087	17.9%	1,923	1,540	524	519	NM	5	NM	23
New Mexico	712	860	-17.2%	453	523	254	330	NM	6	0	NM
Utah	739	620	19.2%	651	511	50	71	NM	NM	35	34
Wyoming	NM	NM	NM	NM	NM	NM	NM	0	0	31	22
Pacific Contiguous	15,136	14,131	7.1%	5,707	5,049	8,247	7,929	150	143	1,032	1,011
California	12,012	11,551	4.0%	3,741	3,474	7,105	6,939	146	140	1,020	998
Oregon	1,584	1,283	23.5%	640	474	935	798	NM	NM	NM	NM
Washington	1,539	1,297	18.6%	1,326	1,100	208	192	NM	NM	4	5
Pacific Noncontiguous	207	253	-18.2%	204	250	0	0	NM	NM	NM	NM
Alaska	207	253	-18.2%	204	250	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	105,527	101,102	4.4%	43,956	43,496	54,105	50,078	566	543	6,901	6,984

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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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	36,412	40,793	-10.7%	287	218	34,212	38,077	696	689	1,217	1,809
Connecticut	10,739	12,031	-10.7%	9	6	10,207	11,501	286	281	238	243
Maine	3,530	3,601	-2.0%	0	0	2,662	2,145	NM	NM	848	1,436
Massachusetts	14,283	17,087	-16.4%	249	186	13,581	16,450	343	343	110	108
New Hampshire	3,185	3,145	1.3%	27	24	3,123	3,087	NM	NM	NM	NM
Rhode Island	4,673	4,928	-5.2%	0	0	4,639	4,894	NM	NM	0	0
Vermont	2	2	-20.7%	2	2	0	0	0	0	0	0
Middle Atlantic	101,763	99,599	2.2%	9,043	10,038	91,053	87,807	632	691	1,035	1,063
New Jersey	22,735	20,916	8.7%	0	NM	22,317	20,420	131	143	287	332
New York	40,814	41,444	-1.5%	9,041	10,015	31,165	30,781	417	465	191	182
Pennsylvania	38,214	37,239	2.6%	NM	NM	37,571	36,606	85	82	556	549
East North Central	43,962	44,554	-1.3%	16,604	16,331	25,494	26,476	940	899	924	848
Illinois	3,951	5,738	-31.1%	345	561	3,028	4,617	341	325	239	235
Indiana	6,589	6,755	-2.5%	4,604	4,696	1,618	1,719	42	41	325	300
Michigan	9,002	9,975	-9.8%	2,344	2,210	6,202	7,291	291	312	164	162
Ohio	18,681	15,573	20.0%	6,563	5,403	11,831	9,892	209	206	78	72
Wisconsin	5,739	6,512	-11.9%	2,747	3,460	2,815	2,958	NM	NM	119	79
West North Central	8,759	12,562	-30.3%	7,298	10,512	1,157	1,748	137	119	167	184
Iowa	1,038	1,257	-17.4%	997	1,234	NM	NM	NM	NM	NM	NM
Kansas	1,441	1,770	-18.6%	1,374	1,710	0	0	0	0	66	60
Minnesota	2,608	4,994	-47.8%	2,108	4,056	375	799	NM	62	NM	77
Missouri	2,957	3,697	-20.0%	2,125	2,696	782	948	49	52	NM	NM
Nebraska	366	444	-17.5%	355	431	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	337	384	-12.4%	337	384	0	0	0	0	0	0
South Atlantic	193,593	190,967	1.4%	156,167	152,953	35,044	35,141	236	206	2,146	2,668
Delaware	4,340	4,488	-3.3%	NM	NM	3,883	3,848	0	0	454	634
District of Columbia	47	46	1.4%	0	0	0	0	47	46	0	0
Florida	109,404	104,286	4.9%	102,021	96,261	6,387	6,959	25	23	971	1,043
Georgia	29,824	31,418	-5.1%	21,601	23,465	7,938	7,326	0	0	285	628
Maryland	1,938	2,170	-10.7%	0	0	1,727	1,985	163	133	48	51
North Carolina	21,619	20,945	3.2%	14,902	13,676	6,631	7,184	0	2	86	83
South Carolina	9,087	9,863	-7.9%	8,013	8,602	1,019	1,196	NM	NM	54	65
Virginia	16,855	17,494	-3.6%	9,467	10,906	7,146	6,435	0	0	242	154
West Virginia	478	257	85.7%	159	37	313	209	0	0	NM	NM
East South Central	65,888	64,744	1.8%	35,294	35,589	28,445	27,038	132	131	2,016	1,986
Alabama	34,642	35,180	-1.5%	10,243	10,466	23,690	23,994	0	0	709	720
Kentucky	2,122	1,248	70.0%	1,801	880	143	195	0	0	178	173
Mississippi	24,303	24,499	-0.8%	18,622	20,571	4,613	2,849	NM	NM	1,053	1,063
Tennessee	4,821	3,817	26.3%	4,629	3,671	0	0	117	115	75	30
West South Central	227,283	228,966	-0.7%	60,965	61,854	120,939	120,085	545	541	44,834	46,486
Arkansas	7,769	10,019	-22.5%	1,287	2,625	6,287	7,201	NM	NM	194	193
Louisiana	42,593	39,375	8.2%	17,677	14,466	7,546	6,655	31	32	17,338	18,222
Oklahoma	20,971	24,170	-13.2%	13,391	17,291	7,486	6,790	NM	NM	81	78
Texas	155,950	155,402	0.4%	28,610	27,472	99,620	99,440	499	497	27,221	27,993
Mountain	61,027	63,141	-3.3%	38,232	37,029	21,869	25,030	205	208	721	873
Arizona	19,848	21,217	-6.5%	8,929	8,597	10,845	12,543	74	77	0	0
Colorado	8,681	8,294	4.7%	4,942	4,530	3,730	3,748	5	6	NM	10
Idaho	1,920	2,418	-20.6%	1,039	1,209	856	1,176	0	0	NM	33
Montana	292	338	-13.8%	272	315	NM	NM	0	0	0	0
Nevada	16,940	18,874	-10.2%	13,276	14,198	3,562	4,458	47	44	55	174
New Mexico	6,825	6,937	-1.6%	4,323	4,343	2,454	2,537	48	54	0	NM
Utah	6,161	4,673	31.8%	5,422	3,802	390	530	30	27	319	314
Wyoming	360	390	-7.7%	NM	NM	NM	NM	0	0	318	339
Pacific Contiguous	103,900	102,922	0.9%	35,880	35,853	57,368	56,693	1,330	1,272	9,321	9,104
California	87,470	85,839	1.9%	25,971	26,162	50,976	49,457	1,302	1,243	9,221	8,976
Oregon	8,735	9,832	-11.2%	3,334	3,499	5,318	6,232	NM	NM	NM	74
Washington	7,695	7,252	6.1%	6,576	6,192	1,074	1,004	NM	NM	35	54
Pacific Noncontiguous	2,157	2,481	-13.1%	2,136	2,457	0	0	NM	NM	NM	NM
Alaska	2,157	2,481	-13.1%	2,136	2,457	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	844,743	850,729	-0.7%	361,905	362,835	415,582	418,096	4,855	4,757	62,400	65,042

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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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 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	45	61	-26.2%	0	0	0	0	0	0	45	61
New Jersey	0	14	-100.0%	0	0	0	0	0	0	0	14
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	45	47	-5.0%	0	0	0	0	0	0	45	47
East North Central	425	359	18.4%	3	9	165	60	0	0	256	291
Illinois	24	24	-0.3%	0	0	0	0	0	0	24	24
Indiana	208	215	-3.2%	0	0	0	0	0	0	208	215
Michigan	105	43	147.0%	3	9	102	34	0	0	0	0
Ohio	87	76	13.5%	0	0	64	26	0	0	23	51
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	52	30	73.5%	0	0	0	0	0	0	52	30
Delaware	48	27	79.0%	0	0	0	0	0	0	48	27
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1	0	27.2%	0	0	0	0	0	0	1	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	3	2	20.3%	0	0	0	0	0	0	3	2
East South Central	5	6	-17.3%	0	0	0	0	0	0	5	6
Alabama	3	4	-22.5%	0	0	0	0	0	0	3	4
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	-0.2%	0	0	0	0	0	0	1	1
West South Central	394	381	3.3%	0	0	175	195	0	0	219	186
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	182	171	6.4%	0	0	74	68	0	0	108	103
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	212	210	0.8%	0	0	100	127	0	0	112	83
Mountain	24	5	391.1%	0	0	1	1	0	0	23	4
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	-33.1%	0	0	0	0	0	0	0	0
Nevada	1	1	-2.7%	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	23	4	489.8%	0	0	0	0	0	0	23	4
Pacific Contiguous	156	188	-17.3%	0	0	31	39	0	0	124	149
California	124	149	-16.5%	0	0	0	0	0	0	124	149
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	31	39	-20.2%	0	0	31	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	1,106	1,037	6.6%	3	9	372	295	0	0	730	734

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Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.11.B. Net Generation from Other Gases

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 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	439	645	-31.9%	0	0	0	0	0	0	439	645
New Jersey	82	135	-39.1%	0	0	0	0	0	0	82	135
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	357	510	-30.0%	0	0	0	0	0	0	357	510
East North Central	3,294	3,096	6.4%	68	41	1,075	515	0	0	2,151	2,539
Illinois	208	257	-19.1%	0	0	7	17	0	0	201	240
Indiana	1,613	1,800	-10.4%	0	0	0	0	0	0	1,613	1,800
Michigan	787	289	172.1%	68	41	718	248	0	0	0	0
Ohio	687	749	-8.3%	0	0	350	250	0	0	336	499
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	25	33	-22.2%	0	0	0	0	0	0	25	33
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	25	33	-22.2%	0	0	0	0	0	0	25	33
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	198	143	39.0%	0	0	0	0	0	0	198	143
Delaware	172	118	45.1%	0	0	0	0	0	0	172	118
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	6	3	65.0%	0	0	0	0	0	0	6	3
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	21	21	0.4%	0	0	0	0	0	0	21	21
East South Central	155	80	93.8%	0	0	0	0	0	0	155	80
Alabama	144	70	106.6%	0	0	0	0	0	0	144	70
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	10	10	2.7%	0	0	0	0	0	0	10	10
West South Central	2,912	3,462	-15.9%	0	0	1,361	1,535	0	0	1,551	1,927
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,341	1,581	-15.2%	0	0	606	454	0	0	735	1,127
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,571	1,881	-16.5%	0	0	755	1,081	0	0	816	800
Mountain	238	213	11.6%	0	0	4	5	0	0	234	208
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	-43.3%	0	0	0	0	0	0	0	0
Nevada	4	5	-13.8%	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	231	204	13.0%	0	0	0	0	0	0	231	204
Pacific Contiguous	1,185	1,486	-20.2%	0	0	241	296	0	0	945	1,190
California	945	1,190	-20.6%	0	0	0	0	0	0	945	1,190
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	241	296	-18.7%	0	0	241	296	0	0	0	0
Pacific Noncontiguous	28	37	-23.4%	0	0	0	0	0	0	28	37
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	26	35	-24.4%	0	0	0	0	0	0	26	35
U.S. Total	8,475	9,193	-7.8%	68	41	2,681	2,351	0	0	5,725	6,801

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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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	3,297	3,120	5.7%	0	0	3,297	3,120	0	0	0	0
Connecticut	1,493	1,501	-0.5%	0	0	1,493	1,501	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	487	328	48.3%	0	0	487	328	0	0	0	0
New Hampshire	897	897	0.0%	0	0	897	897	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	421	394	6.8%	0	0	421	394	0	0	0	0
Middle Atlantic	12,369	12,634	-2.1%	0	0	12,369	12,634	0	0	0	0
New Jersey	2,524	2,930	-13.9%	0	0	2,524	2,930	0	0	0	0
New York	3,232	3,762	-14.1%	0	0	3,232	3,762	0	0	0	0
Pennsylvania	6,613	5,941	11.3%	0	0	6,613	5,941	0	0	0	0
East North Central	13,298	12,304	8.1%	1,964	1,775	11,333	10,529	0	0	0	0
Illinois	8,365	7,673	9.0%	0	0	8,365	7,673	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,540	2,346	8.3%	1,964	1,775	575	571	0	0	0	0
Ohio	1,529	1,430	6.9%	0	0	1,529	1,430	0	0	0	0
Wisconsin	864	856	1.0%	0	0	864	856	0	0	0	0
West North Central	4,036	3,123	29.2%	3,646	2,693	390	430	0	0	0	0
Iowa	390	430	-9.4%	0	0	390	430	0	0	0	0
Kansas	868	292	197.0%	868	292	0	0	0	0	0	0
Minnesota	1,095	978	12.0%	1,095	978	0	0	0	0	0	0
Missouri	871	872	-0.1%	871	872	0	0	0	0	0	0
Nebraska	812	551	47.4%	812	551	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	15,934	16,144	-1.3%	14,707	15,004	1,226	1,140	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	2,365	2,557	-7.5%	2,365	2,557	0	0	0	0	0	0
Georgia	2,376	2,773	-14.3%	2,376	2,773	0	0	0	0	0	0
Maryland	1,226	1,140	7.5%	0	0	1,226	1,140	0	0	0	0
North Carolina	3,172	3,656	-13.2%	3,172	3,656	0	0	0	0	0	0
South Carolina	4,741	3,940	20.3%	4,741	3,940	0	0	0	0	0	0
Virginia	2,054	2,077	-1.1%	2,054	2,077	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	6,898	6,903	-0.1%	6,898	6,903	0	0	0	0	0	0
Alabama	3,469	3,542	-2.1%	3,469	3,542	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	994	990	0.4%	994	990	0	0	0	0	0	0
Tennessee	2,435	2,370	2.7%	2,435	2,370	0	0	0	0	0	0
West South Central	6,460	6,302	2.5%	2,836	2,815	3,624	3,487	0	0	0	0
Arkansas	1,321	1,296	2.0%	1,321	1,296	0	0	0	0	0	0
Louisiana	1,515	1,519	-0.3%	1,515	1,519	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,624	3,487	3.9%	0	0	3,624	3,487	0	0	0	0
Mountain	2,832	2,843	-0.4%	2,832	2,843	0	0	0	0	0	0
Arizona	2,832	2,843	-0.4%	2,832	2,843	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,413	2,427	-0.6%	2,413	2,427	0	0	0	0	0	0
California	1,612	1,634	-1.4%	1,612	1,634	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	801	793	1.0%	801	793	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	67,535	65,799	2.6%	35,296	34,459	32,238	31,340	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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	27,957	27,193	2.8%	0	0	27,957	27,193	0	0	0	0
Connecticut	12,311	12,527	-1.7%	0	0	12,311	12,527	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	4,277	3,016	41.8%	0	0	4,277	3,016	0	0	0	0
New Hampshire	7,414	8,172	-9.3%	0	0	7,414	8,172	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	3,955	3,479	13.7%	0	0	3,955	3,479	0	0	0	0
Middle Atlantic	113,263	117,814	-3.9%	0	0	113,263	117,814	0	0	0	0
New Jersey	23,517	25,624	-8.2%	0	0	23,517	25,624	0	0	0	0
New York	31,314	33,170	-5.6%	0	0	31,314	33,170	0	0	0	0
Pennsylvania	58,431	59,020	-1.0%	0	0	58,431	59,020	0	0	0	0
East North Central	115,406	114,133	1.1%	19,188	16,851	96,219	97,283	0	0	0	0
Illinois	73,046	72,668	0.5%	0	0	73,046	72,668	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	23,215	21,106	10.0%	19,188	16,851	4,028	4,255	0	0	0	0
Ohio	11,892	11,317	5.1%	0	0	11,892	11,317	0	0	0	0
Wisconsin	7,253	9,043	-19.8%	0	0	7,253	9,043	0	0	0	0
West North Central	35,905	27,680	29.7%	32,047	23,706	3,857	3,975	0	0	0	0
Iowa	3,857	3,975	-3.0%	0	0	3,857	3,975	0	0	0	0
Kansas	5,892	4,807	22.6%	5,892	4,807	0	0	0	0	0	0
Minnesota	10,245	8,225	24.6%	10,245	8,225	0	0	0	0	0	0
Missouri	7,982	5,639	41.6%	7,982	5,639	0	0	0	0	0	0
Nebraska	7,927	5,035	57.5%	7,927	5,035	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	147,082	148,884	-1.2%	136,638	138,534	10,444	10,350	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	20,574	19,804	3.9%	20,574	19,804	0	0	0	0	0	0
Georgia	24,078	24,321	-1.0%	24,078	24,321	0	0	0	0	0	0
Maryland	10,444	10,350	0.9%	0	0	10,444	10,350	0	0	0	0
North Carolina	30,883	29,723	3.9%	30,883	29,723	0	0	0	0	0	0
South Carolina	38,501	42,498	-9.4%	38,501	42,498	0	0	0	0	0	0
Virginia	22,602	22,188	1.9%	22,602	22,188	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	58,636	60,579	-3.2%	58,636	60,579	0	0	0	0	0	0
Alabama	31,606	30,259	4.5%	31,606	30,259	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	7,015	8,264	-15.1%	7,015	8,264	0	0	0	0	0	0
Tennessee	20,015	22,056	-9.3%	20,015	22,056	0	0	0	0	0	0
West South Central	52,954	49,429	7.1%	23,297	20,637	29,657	28,792	0	0	0	0
Arkansas	10,411	8,414	23.7%	10,411	8,414	0	0	0	0	0	0
Louisiana	12,886	12,222	5.4%	12,886	12,222	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	29,657	28,792	3.0%	0	0	29,657	28,792	0	0	0	0
Mountain	24,849	24,823	0.1%	24,849	24,823	0	0	0	0	0	0
Arizona	24,849	24,823	0.1%	24,849	24,823	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	20,121	19,029	5.7%	20,121	19,029	0	0	0	0	0	0
California	13,093	13,057	0.3%	13,093	13,057	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	7,029	5,972	17.7%	7,029	5,972	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	596,174	589,564	1.1%	314,777	304,158	281,397	285,406	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	486	571	-15.0%	52	74	404	457	NM	NM	30	40
Connecticut	23	NM	NM	NM	NM	21	NM	0	0	0	0
Maine	268	291	-7.8%	0	0	239	254	0	0	29	37
Massachusetts	56	75	-25.2%	NM	NM	37	54	NM	NM	NM	NM
New Hampshire	57	88	-35.3%	NM	21	50	66	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	81	91	-10.7%	26	30	56	59	0	0	0	NM
Middle Atlantic	2,119	2,020	4.9%	1,756	1,626	358	389	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,013	1,893	6.3%	1,728	1,589	280	298	NM	NM	NM	NM
Pennsylvania	105	125	-16.0%	28	36	77	89	0	0	0	0
East North Central	239	235	1.9%	216	214	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	7	NM	NM	NM	0	0
Indiana	35	40	-13.5%	35	40	0	0	0	0	0	0
Michigan	68	62	9.3%	62	57	NM	NM	0	0	NM	NM
Ohio	37	46	-19.8%	37	46	0	0	0	0	0	0
Wisconsin	89	77	15.4%	79	68	NM	NM	0	0	NM	NM
West North Central	1,085	833	30.3%	1,071	819	NM	NM	0	0	NM	NM
Iowa	NM	39	NM	NM	39	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	40	32	27.3%	40	32	0	0	0	0	0	0
Nebraska	68	65	4.1%	68	65	0	0	0	0	0	0
North Dakota	234	146	60.8%	234	146	0	0	0	0	0	0
South Dakota	678	527	28.7%	678	527	0	0	0	0	0	0
South Atlantic	876	1,029	-14.9%	718	818	76	108	NM	NM	81	102
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	201	208	-3.3%	199	206	NM	NM	0	0	NM	NM
Maryland	42	54	-22.9%	0	0	42	54	0	0	0	0
North Carolina	324	380	-14.6%	269	316	NM	NM	NM	NM	52	60
South Carolina	129	175	-26.5%	125	170	NM	NM	0	NM	0	0
Virginia	83	81	2.8%	78	75	NM	NM	0	0	NM	NM
West Virginia	86	119	-27.8%	37	39	23	41	0	0	26	39
East South Central	1,321	1,662	-20.5%	1,261	1,593	NM	NM	0	0	60	68
Alabama	457	633	-27.8%	457	633	0	0	0	0	0	0
Kentucky	206	205	0.5%	205	204	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	659	824	-20.1%	599	756	0	0	0	0	60	68
West South Central	321	515	-37.7%	253	470	68	46	0	0	0	0
Arkansas	138	253	-45.4%	137	249	NM	NM	0	0	0	0
Louisiana	64	39	64.6%	0	0	64	39	0	0	0	0
Oklahoma	76	162	-53.3%	76	162	0	0	0	0	0	0
Texas	43	61	-29.6%	40	58	NM	NM	0	0	0	0
Mountain	2,127	1,813	17.3%	1,847	1,595	280	218	NM	0	0	0
Arizona	469	415	13.0%	469	415	0	0	0	0	0	0
Colorado	125	70	79.1%	112	61	NM	NM	NM	0	0	0
Idaho	570	559	2.0%	507	521	62	37	0	0	0	0
Montana	667	489	36.5%	466	321	201	168	0	0	0	0
Nevada	169	182	-7.0%	166	179	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	39	NM	NM	39	NM	NM	0	0	0	0
Wyoming	69	48	44.5%	68	47	NM	NM	0	0	0	0
Pacific Contiguous	7,185	8,159	-11.9%	7,099	8,040	86	119	NM	NM	0	NM
California	1,275	1,824	-30.1%	1,218	1,733	57	91	NM	NM	0	0
Oregon	1,985	2,097	-5.3%	1,968	2,080	NM	NM	0	0	0	0
Washington	3,925	4,238	-7.4%	3,913	4,227	NM	NM	0	0	0	NM
Pacific Noncontiguous	142	93	52.8%	138	89	1	0	0	0	NM	NM
Alaska	136	88	55.1%	136	88	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	1	0	0	0	NM	NM
U.S. Total	15,901	16,929	-6.1%	14,411	15,339	1,297	1,359	NM	NM	190	230

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

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

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	5,947	6,550	-9.2%	764	929	4,852	5,224	NM	NM	326	391
Connecticut	271	318	-14.7%	NM	NM	248	291	0	0	0	0
Maine	2,888	3,139	-8.0%	0	0	2,584	2,779	0	0	304	360
Massachusetts	785	893	-12.1%	207	240	570	643	NM	NM	NM	NM
New Hampshire	1,088	1,154	-5.7%	224	300	859	848	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	911	1,042	-12.6%	311	363	588	659	0	0	NM	NM
Middle Atlantic	21,442	20,614	4.0%	16,818	15,826	4,572	4,730	NM	NM	49	54
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	19,156	18,580	3.1%	15,876	14,942	3,228	3,579	NM	NM	49	54
Pennsylvania	2,267	2,011	12.7%	942	884	1,325	1,127	0	0	0	0
East North Central	2,680	2,657	0.9%	2,389	2,383	185	174	NM	NM	102	97
Illinois	111	109	1.4%	40	46	69	61	NM	NM	0	0
Indiana	257	323	-20.4%	257	323	0	0	0	0	0	0
Michigan	887	822	7.9%	803	740	66	64	0	0	NM	NM
Ohio	296	400	-25.9%	296	400	0	0	0	0	0	0
Wisconsin	1,128	1,003	12.5%	992	874	NM	48	NM	NM	84	79
West North Central	8,218	7,424	10.7%	8,031	7,245	129	120	0	0	58	59
Iowa	522	527	-1.0%	518	523	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	331	305	8.4%	163	144	110	103	0	0	58	59
Missouri	568	1,064	-46.6%	568	1,064	0	0	0	0	0	0
Nebraska	908	862	5.3%	908	862	0	0	0	0	0	0
North Dakota	1,979	1,523	30.0%	1,979	1,523	0	0	0	0	0	0
South Dakota	3,895	3,130	24.4%	3,895	3,130	0	0	0	0	0	0
South Atlantic	11,606	13,763	-15.7%	8,983	10,824	1,751	1,727	12	NM	860	1,199
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	131	153	-14.4%	131	153	0	0	0	0	0	0
Georgia	2,398	2,648	-9.5%	2,373	2,620	NM	NM	0	0	NM	NM
Maryland	1,379	1,173	17.5%	0	0	1,379	1,173	0	0	0	0
North Carolina	3,682	5,075	-27.5%	3,201	4,405	NM	NM	11	12	437	620
South Carolina	1,934	2,201	-12.1%	1,887	2,145	47	55	NM	NM	0	0
Virginia	1,079	1,161	-7.0%	1,017	1,089	52	60	0	0	NM	NM
West Virginia	1,002	1,351	-25.8%	374	412	234	391	0	0	395	548
East South Central	15,568	21,606	-27.9%	15,060	20,835	NM	NM	0	0	502	764
Alabama	6,916	9,964	-30.6%	6,916	9,964	0	0	0	0	0	0
Kentucky	2,261	2,632	-14.1%	2,254	2,625	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	6,392	9,010	-29.1%	5,890	8,246	0	0	0	0	502	764
West South Central	4,769	5,783	-17.5%	3,819	4,805	951	979	0	0	0	0
Arkansas	2,062	2,168	-4.9%	2,031	2,124	NM	44	0	0	0	0
Louisiana	891	902	-1.2%	0	0	891	902	0	0	0	0
Oklahoma	1,121	1,770	-36.7%	1,121	1,770	0	0	0	0	0	0
Texas	696	943	-26.2%	667	910	NM	NM	0	0	0	0
Mountain	26,579	24,641	7.9%	22,981	21,336	3,595	3,305	NM	0	0	0
Arizona	4,745	4,774	-0.6%	4,745	4,774	0	0	0	0	0	0
Colorado	1,388	1,053	31.8%	1,221	947	164	105	NM	0	0	0
Idaho	7,937	7,494	5.9%	7,262	6,920	676	574	0	0	0	0
Montana	9,003	7,862	14.5%	6,302	5,290	2,701	2,572	0	0	0	0
Nevada	2,026	2,172	-6.7%	1,984	2,131	NM	NM	0	0	0	0
New Mexico	166	147	13.0%	166	147	0	0	0	0	0	0
Utah	560	503	11.5%	555	497	NM	NM	0	0	0	0
Wyoming	754	637	18.4%	747	630	NM	NM	0	0	0	0
Pacific Contiguous	102,585	108,625	-5.6%	101,584	107,239	998	1,381	NM	NM	NM	NM
California	13,916	21,006	-33.8%	13,317	20,010	596	992	NM	NM	0	0
Oregon	27,081	25,857	4.7%	26,871	25,653	210	203	0	0	0	0
Washington	61,588	61,763	-0.3%	61,395	61,576	192	185	0	0	NM	NM
Pacific Noncontiguous	1,219	1,111	9.8%	1,169	1,058	10	13	0	0	NM	NM
Alaska	1,150	1,038	10.8%	1,150	1,038	0	0	0	0	0	0
Hawaii	70	73	-4.6%	NM	NM	10	13	0	0	NM	NM
U.S. Total	200,614	212,776	-5.7%	181,598	192,480	17,050	17,660	NM	30	1,937	2,605

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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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	841	806	4.3%	76	72	596	519	15	14	153	202
Connecticut	63	54	17.0%	0	0	63	54	0	0	0	0
Maine	374	387	-3.3%	0	0	210	217	10	10	153	160
Massachusetts	162	163	-0.8%	NM	6	154	116	NM	NM	0	41
New Hampshire	155	139	12.1%	31	30	122	106	3	NM	0	0
Rhode Island	24	8	189.1%	0	0	24	8	0	0	0	0
Vermont	62	55	12.4%	39	37	23	18	NM	NM	0	0
Middle Atlantic	997	905	10.1%	NM	6	863	784	60	57	67	58
New Jersey	162	141	15.0%	NM	6	127	110	28	25	NM	NM
New York	449	408	10.1%	0	0	409	365	21	22	19	22
Pennsylvania	386	357	8.3%	0	0	327	309	11	11	48	36
East North Central	1,491	1,479	0.9%	152	159	1,172	1,153	24	19	143	147
Illinois	518	568	-8.8%	NM	NM	517	567	0	0	0	0
Indiana	201	182	10.5%	23	23	175	156	NM	NM	NM	NM
Michigan	452	374	20.7%	56	55	310	238	21	15	64	66
Ohio	104	121	-14.1%	NM	NM	73	89	NM	NM	28	28
Wisconsin	216	233	-7.4%	69	77	98	103	NM	NM	49	53
West North Central	3,589	3,708	-3.2%	978	1,097	2,545	2,552	8	6	58	53
Iowa	988	1,204	-17.9%	531	647	453	551	NM	NM	2	3
Kansas	849	867	-2.1%	74	89	775	778	0	0	0	0
Minnesota	761	771	-1.2%	159	162	544	556	NM	NM	56	50
Missouri	69	85	-18.6%	3	4	64	81	2	0	NM	NM
Nebraska	229	154	49.0%	24	21	204	131	NM	NM	0	0
North Dakota	465	426	9.1%	133	135	332	291	0	0	0	0
South Dakota	228	201	13.3%	54	38	174	164	0	0	0	0
South Atlantic	1,664	1,472	13.1%	161	138	702	552	35	33	765	749
Delaware	12	12	1.0%	NM	NM	11	10	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	415	375	10.5%	25	23	219	179	NM	NM	169	171
Georgia	352	315	11.7%	0	0	68	50	NM	NM	282	262
Maryland	77	63	21.2%	NM	NM	60	52	NM	NM	11	6
North Carolina	256	255	0.4%	NM	NM	189	148	NM	4	59	103
South Carolina	184	133	38.9%	40	33	NM	2	0	0	143	98
Virginia	300	265	13.0%	94	79	85	58	19	20	102	108
West Virginia	68	53	29.1%	0	0	68	53	0	0	0	0
East South Central	486	523	-7.2%	8	8	23	25	NM	NM	454	490
Alabama	260	291	-10.6%	NM	NM	16	18	0	0	244	272
Kentucky	12	9	33.1%	8	8	0	0	0	0	NM	NM
Mississippi	126	133	-5.3%	0	0	0	0	0	0	126	133
Tennessee	88	91	-2.7%	0	0	NM	7	NM	NM	81	83
West South Central	3,691	3,324	11.0%	108	150	3,139	2,720	NM	NM	439	451
Arkansas	117	134	-12.4%	0	0	7	6	NM	NM	110	127
Louisiana	227	217	4.8%	0	0	5	5	0	0	222	212
Oklahoma	865	800	8.1%	83	126	755	646	0	0	27	28
Texas	2,482	2,174	14.2%	25	23	2,372	2,063	NM	NM	79	84
Mountain	2,028	2,021	0.3%	200	206	1,783	1,782	NM	9	36	25
Arizona	322	241	33.9%	35	23	285	215	NM	NM	0	0
Colorado	509	584	-12.7%	10	4	496	576	NM	NM	NM	NM
Idaho	240	252	-4.7%	12	12	193	216	0	0	35	24
Montana	108	87	24.1%	15	6	93	81	0	0	0	0
Nevada	353	308	14.8%	0	0	350	304	NM	NM	NM	NM
New Mexico	190	178	7.0%	NM	5	180	172	NM	NM	0	0
Utah	84	87	-3.5%	22	22	62	66	0	0	0	0
Wyoming	220	285	-22.8%	95	133	125	152	0	0	0	0
Pacific Contiguous	4,952	4,719	5.0%	628	673	4,028	3,737	94	96	203	213
California	3,659	3,253	12.5%	237	225	3,273	2,866	92	94	57	68
Oregon	635	729	-12.8%	112	126	473	558	NM	NM	48	44
Washington	658	737	-10.8%	279	323	282	313	0	0	97	101
Pacific Noncontiguous	93	108	-13.8%	NM	11	61	74	16	16	7	7
Alaska	9	9	-3.0%	NM	NM	NM	NM	0	0	NM	NM
Hawaii	84	98	-14.9%	NM	5	58	71	16	16	7	7
U.S. Total	19,833	19,065	4.0%	2,325	2,520	14,915	13,898	267	253	2,325	2,393

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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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	7,464	7,103	5.1%	660	635	5,152	4,649	143	121	1,508	1,699
Connecticut	581	502	15.9%	0	0	581	502	0	0	0	0
Maine	3,211	3,304	-2.8%	0	0	1,933	1,929	93	84	1,185	1,291
Massachusetts	1,627	1,496	8.7%	59	52	1,221	1,027	24	10	323	408
New Hampshire	1,369	1,215	12.7%	252	266	1,093	925	24	25	0	0
Rhode Island	118	75	57.0%	0	0	118	75	0	0	0	0
Vermont	558	510	9.3%	348	317	207	191	NM	NM	0	0
Middle Atlantic	10,227	9,425	8.5%	49	45	9,042	8,384	495	480	640	516
New Jersey	1,301	1,174	10.8%	49	45	1,039	933	212	195	NM	NM
New York	4,602	4,156	10.7%	0	0	4,222	3,786	185	188	195	183
Pennsylvania	4,324	4,095	5.6%	0	0	3,782	3,665	98	97	443	332
East North Central	18,684	17,129	9.1%	1,807	1,739	15,408	13,927	179	148	1,291	1,316
Illinois	7,716	7,217	6.9%	11	11	7,704	7,206	NM	NM	0	0
Indiana	2,625	2,575	2.0%	183	212	2,413	2,333	17	18	13	12
Michigan	4,648	3,612	28.7%	652	620	3,277	2,300	149	117	570	575
Ohio	1,271	1,351	-5.9%	29	27	982	1,076	NM	NM	256	243
Wisconsin	2,424	2,375	2.1%	932	869	1,031	1,011	9	9	452	485
West North Central	36,852	33,335	10.6%	10,766	10,319	25,578	22,572	88	59	420	385
Iowa	11,495	11,275	2.0%	6,273	6,202	5,186	5,041	20	19	16	12
Kansas	8,095	6,910	17.1%	679	669	7,416	6,241	0	0	0	0
Minnesota	7,881	7,152	10.2%	1,689	1,589	5,763	5,167	29	28	400	368
Missouri	901	902	-0.1%	30	30	841	869	29	0	NM	NM
Nebraska	1,835	1,287	42.6%	192	191	1,632	1,085	11	11	0	0
North Dakota	4,549	3,887	17.0%	1,416	1,206	3,131	2,679	0	0	NM	NM
South Dakota	2,095	1,921	9.1%	487	431	1,609	1,490	0	0	0	0
South Atlantic	15,558	13,574	14.6%	1,382	956	6,488	5,444	323	269	7,366	6,905
Delaware	101	93	7.9%	NM	NM	90	88	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,804	3,486	9.1%	218	212	2,038	1,671	23	25	1,525	1,578
Georgia	3,142	2,671	17.6%	0	0	544	347	24	24	2,574	2,301
Maryland	721	691	4.4%	11	NM	573	555	33	33	104	93
North Carolina	2,417	2,193	10.2%	6	NM	1,517	1,204	65	11	829	973
South Carolina	1,647	1,448	13.7%	330	320	19	15	0	0	1,298	1,114
Virginia	2,708	1,965	37.8%	809	408	689	536	174	173	1,035	847
West Virginia	1,017	1,027	-1.0%	0	0	1,017	1,027	0	0	0	0
East South Central	4,648	4,657	-0.2%	72	72	230	230	NM	NM	4,343	4,352
Alabama	2,349	2,482	-5.4%	NM	NM	150	156	0	0	2,198	2,325
Kentucky	338	219	54.3%	70	71	0	0	0	0	268	148
Mississippi	1,165	1,153	1.0%	1	0	0	0	0	0	1,164	1,152
Tennessee	797	803	-0.8%	0	0	80	74	NM	NM	714	726
West South Central	42,859	39,768	7.8%	1,445	1,449	37,436	34,273	42	31	3,935	4,016
Arkansas	1,170	1,262	-7.3%	0	0	65	65	4	NM	1,101	1,193
Louisiana	1,936	1,869	3.6%	0	0	45	46	0	0	1,891	1,823
Oklahoma	9,034	8,120	11.2%	1,215	1,204	7,579	6,664	0	0	240	253
Texas	30,719	28,518	7.7%	230	246	29,748	27,499	38	27	703	747
Mountain	21,593	19,437	11.1%	2,312	2,024	18,916	17,050	76	74	289	288
Arizona	2,903	1,944	49.4%	265	204	2,618	1,724	20	16	0	0
Colorado	5,518	5,521	-0.1%	132	52	5,358	5,442	26	25	NM	NM
Idaho	2,526	2,355	7.3%	121	97	2,121	1,975	0	0	284	283
Montana	1,352	1,086	24.4%	162	65	1,189	1,021	0	0	0	0
Nevada	3,091	2,865	7.9%	0	0	3,062	2,833	27	30	NM	NM
New Mexico	2,151	1,973	9.0%	82	50	2,065	1,921	NM	NM	0	0
Utah	936	700	33.6%	203	178	733	523	0	0	0	0
Wyoming	3,116	2,991	4.2%	1,347	1,379	1,769	1,612	0	0	0	0
Pacific Contiguous	47,180	42,288	11.6%	6,296	5,947	38,158	33,567	843	839	1,883	1,935
California	33,441	28,677	16.6%	2,160	1,879	29,920	25,372	825	821	536	606
Oregon	6,902	6,863	0.6%	1,188	1,218	5,281	5,231	18	18	415	396
Washington	6,837	6,748	1.3%	2,948	2,850	2,957	2,965	0	0	932	933
Pacific Noncontiguous	1,038	931	11.5%	99	84	723	645	147	133	70	70
Alaska	117	103	14.3%	78	65	39	37	0	0	NM	NM
Hawaii	921	829	11.1%	21	19	684	608	147	133	69	69
U.S. Total	206,103	187,647	9.8%	24,888	23,269	157,131	140,741	2,341	2,156	21,744	21,481

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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, September 2014 and 2013 (Thousand Megawatthours)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	-37	-34	10.3%	0	0	-37	-34	0	0	0	0
Connecticut	1	0	367.8%	0	0	1	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-38	-34	12.7%	0	0	-38	-34	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	-72	-93	-23.4%	-28	-35	-44	-58	0	0	0	0
New Jersey	-19	-20	-6.5%	-19	-20	0	0	0	0	0	0
New York	-9	-16	-40.2%	-9	-16	0	0	0	0	0	0
Pennsylvania	-44	-58	-24.8%	0	0	-44	-58	0	0	0	0
East North Central	-19	-69	-72.3%	-19	-69	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	-19	-69	-72.3%	-19	-69	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	-2	-2	42.9%	-2	-2	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	-2	-2	42.9%	-2	-2	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	-268	-236	13.5%	-268	-236	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	-98	-33	197.2%	-98	-33	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	-61	-95	-36.1%	-61	-95	0	0	0	0	0	0
Virginia	-109	-108	1.0%	-109	-108	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-62	-1	NM	-62	-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	-62	-1	NM	-62	-1	0	0	0	0	0	0
West South Central	-5	-6	-13.0%	-5	-6	0	0	0	0	0	0
Arkansas	3	2	33.7%	3	2	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-7	-8	-0.6%	-7	-8	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-33	-20	65.6%	-33	-20	0	0	0	0	0	0
Arizona	-5	2	-292.7%	-5	2	0	0	0	0	0	0
Colorado	-29	-22	27.7%	-29	-22	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	-7	71	-109.3%	-7	71	0	0	0	0	0	0
California	-6	71	-108.8%	-6	71	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	-6.4%	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	-505	-389	29.6%	-423	-297	-81	-92	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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	-341	-195	74.9%	0	0	-341	-195	0	0	0	0
Connecticut	0	-2	-117.9%	0	0	0	-2	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-341	-193	77.3%	0	0	-341	-193	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	-713	-864	-17.5%	-301	-461	-412	-403	0	0	0	0
New Jersey	-166	-156	6.9%	-166	-156	0	0	0	0	0	0
New York	-135	-305	-55.8%	-135	-305	0	0	0	0	0	0
Pennsylvania	-412	-403	2.1%	0	0	-412	-403	0	0	0	0
East North Central	-563	-676	-16.7%	-563	-676	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	-563	-676	-16.7%	-563	-676	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	-10	286	-103.6%	-10	286	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	-10	286	-103.6%	-10	286	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	-2,129	-1,859	14.5%	-2,129	-1,859	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	-408	-276	48.0%	-408	-276	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	-674	-616	9.4%	-674	-616	0	0	0	0	0	0
Virginia	-1,047	-967	8.3%	-1,047	-967	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-376	-24	NM	-376	-24	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	-376	-24	NM	-376	-24	0	0	0	0	0	0
West South Central	-24	-41	-41.5%	-24	-41	0	0	0	0	0	0
Arkansas	65	30	115.4%	65	30	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-90	-72	24.9%	-90	-72	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-124	-175	-29.4%	-124	-175	0	0	0	0	0	0
Arizona	35	48	-28.6%	35	48	0	0	0	0	0	0
Colorado	-158	-224	-29.2%	-158	-224	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	-117	190	-161.4%	-117	190	0	0	0	0	0	0
California	-113	185	-161.1%	-113	185	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	-4	5	-172.5%	-4	5	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	-4,396	-3,358	30.9%	-3,644	-2,760	-753	-598	0	0	0	0

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

Table 1.16.A. Net Generation from Other Energy Sources
by State, by Sector, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	171	176	-2.9%	0	0	151	157	9	9	12	10
Connecticut	51	60	-14.3%	0	0	51	60	0	0	0	0
Maine	40	36	12.4%	0	0	20	19	9	9	12	8
Massachusetts	74	75	-1.0%	0	0	74	73	0	0	0	2
New Hampshire	6	6	-2.2%	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	208	201	3.3%	0	0	166	160	42	42	0	0
New Jersey	46	46	1.1%	0	0	34	33	13	13	0	0
New York	86	83	3.5%	0	0	66	63	20	20	0	0
Pennsylvania	76	73	4.5%	0	0	67	64	9	9	0	0
East North Central	112	98	14.6%	10	7	11	10	22	16	68	65
Illinois	23	23	-2.4%	0	0	0	0	0	0	23	23
Indiana	51	42	21.0%	8	5	0	0	NM	NM	41	35
Michigan	34	27	25.3%	0	0	11	10	20	15	2	2
Ohio	0	0	-89.8%	0	0	0	0	0	0	0	0
Wisconsin	5	5	-9.1%	2	1	0	0	0	0	NM	4
West North Central	41	41	-0.2%	21	20	12	13	NM	NM	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	35	35	-0.8%	15	15	12	13	NM	NM	NM	5
Missouri	1	1	46.5%	1	1	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	5	5	-3.6%	5	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	312	336	-7.0%	0	0	162	172	17	18	132	145
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	225	245	-8.4%	0	0	101	112	0	0	124	133
Georgia	7	9	-30.2%	0	0	0	0	0	0	7	9
Maryland	28	25	9.4%	0	0	27	25	NM	NM	0	0
North Carolina	13	14	-11.7%	0	0	13	14	0	0	0	0
South Carolina	2	3	-19.5%	0	0	0	0	0	0	2	3
Virginia	39	39	-0.1%	0	0	22	21	17	18	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	9	1	674.9%	8	0	0	0	0	0	1	1
Alabama	0	1	-100.0%	0	0	0	0	0	0	0	1
Kentucky	8	0	NM	8	0	0	0	0	0	0	0
Mississippi	0	NM	NM	0	0	0	0	0	0	0	NM
Tennessee	1	0	NM	0	0	0	0	0	0	1	0
West South Central	89	83	7.3%	0	0	0	0	0	0	89	83
Arkansas	1	2	-62.3%	0	0	0	0	0	0	1	2
Louisiana	38	42	-10.0%	0	0	0	0	0	0	38	42
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	49	38	30.7%	0	0	0	0	0	0	49	38
Mountain	27	51	-46.1%	NM	NM	21	30	0	0	5	20
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	NM	5	NM	0	0	NM	NM	0	0	NM	4
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	20	29	-30.2%	0	0	20	29	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	2	17	-90.0%	0	0	NM	NM	0	0	1	16
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	57	60	-5.0%	0	0	22	24	0	0	35	37
California	44	47	-5.9%	0	0	13	14	0	0	31	33
Oregon	4	4	-1.8%	0	0	4	4	0	0	0	0
Washington	10	10	-2.2%	0	0	6	6	0	0	4	4
Pacific Noncontiguous	16	18	-12.7%	0	0	1	3	15	15	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	16	18	-12.7%	0	0	1	3	15	15	0	0
U.S. Total	1,044	1,066	-2.1%	41	28	547	568	108	103	348	367

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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 1.16.B. Net Generation from Other Energy Sources

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

				Electric Power Sector						
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	1,454	1,576	-7.7%	0	0	1,291	1,418	74	73	89	86
Connecticut	461	565	-18.4%	0	0	461	565	0	0	0	0
Maine	282	292	-3.2%	0	0	136	151	74	73	73	68
Massachusetts	663	668	-0.7%	0	0	646	650	0	0	17	18
New Hampshire	48	51	-6.2%	0	0	48	51	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	1,774	1,784	-0.6%	0	0	1,418	1,426	356	358	0	0
New Jersey	394	397	-0.9%	0	0	288	288	106	109	0	0
New York	743	729	1.8%	0	0	571	559	171	171	0	0
Pennsylvania	638	658	-3.1%	0	0	559	579	79	79	0	0
East North Central	875	845	3.6%	106	107	120	117	152	123	497	498
Illinois	192	198	-3.3%	0	0	0	0	0	0	192	198
Indiana	329	335	-1.7%	72	75	0	0	15	15	242	244
Michigan	303	247	22.4%	14	7	120	117	137	108	32	16
Ohio	6	7	-20.8%	0	0	0	0	0	0	6	7
Wisconsin	46	57	-19.9%	20	25	0	0	0	0	25	32
West North Central	363	364	-0.2%	193	184	108	114	24	26	39	40
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	299	310	-3.6%	129	130	108	114	24	26	39	40
Missouri	24	10	130.5%	24	10	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	40	43	-7.2%	40	43	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	2,853	3,010	-5.2%	0	0	1,526	1,610	156	154	1,171	1,245
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	2,044	2,202	-7.2%	0	0	962	1,067	0	0	1,082	1,135
Georgia	61	64	-4.7%	0	0	0	0	0	0	61	64
Maryland	238	232	2.4%	0	0	237	232	NM	NM	0	0
North Carolina	109	117	-6.8%	0	0	109	117	0	0	0	0
South Carolina	28	46	-39.2%	0	0	0	0	0	0	28	46
Virginia	373	348	7.1%	0	0	217	194	156	154	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	29	12	151.4%	21	7	0	0	0	0	9	4
Alabama	0	3	-94.5%	0	0	0	0	0	0	0	3
Kentucky	21	7	175.7%	21	7	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	8	0	NM	0	0	0	0	0	0	8	0
West South Central	688	684	0.6%	0	0	0	0	0	0	688	684
Arkansas	10	17	-43.8%	0	0	0	0	0	0	10	17
Louisiana	328	334	-1.8%	0	0	0	0	0	0	328	334
Oklahoma	15	17	-10.1%	0	0	0	0	0	0	15	17
Texas	335	315	6.2%	0	0	0	0	0	0	335	315
Mountain	351	426	-17.5%	12	11	194	268	0	0	146	147
Arizona	0	3	-100.0%	0	0	0	3	0	0	0	0
Colorado	41	41	1.3%	0	0	10	10	0	0	32	31
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	181	252	-28.2%	0	0	181	252	0	0	0	0
Nevada	12	11	3.4%	12	11	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	118	119	-1.0%	0	0	NM	NM	0	0	114	116
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	508	496	2.4%	0	0	201	217	0	0	306	279
California	377	362	4.2%	0	0	117	127	0	0	260	235
Oregon	31	33	-5.9%	0	0	31	33	0	0	0	0
Washington	100	101	-1.3%	0	0	53	56	0	0	47	45
Pacific Noncontiguous	146	136	6.9%	0	0	5	9	141	128	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	146	136	6.9%	0	0	5	9	141	128	0	0
U.S. Total	9,041	9,332	-3.1%	331	310	4,862	5,178	902	861	2,946	2,983

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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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	144	135	7.0%	18	17	124	117	NM	NM	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	81	74	8.6%	0	0	81	74	0	0	0	0
Massachusetts	13	12	8.8%	NM	NM	8	7	NM	NM	0	0
New Hampshire	27	30	-8.5%	0	0	27	30	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	23	18	23.3%	15	13	8	5	0	0	0	0
Middle Atlantic	421	366	15.0%	0	0	420	365	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	240	206	16.7%	0	0	239	205	0	0	NM	NM
Pennsylvania	180	160	12.9%	0	0	180	160	0	0	0	0
East North Central	976	978	-0.2%	116	116	859	860	NM	NM	NM	NM
Illinois	459	510	-10.0%	NM	NM	458	509	0	0	0	0
Indiana	158	155	1.5%	0	0	158	155	NM	NM	0	0
Michigan	231	158	46.2%	56	55	174	103	0	0	0	0
Ohio	38	55	-31.4%	NM	NM	35	52	0	0	NM	NM
Wisconsin	91	100	-8.7%	58	59	33	40	0	0	0	0
West North Central	3,388	3,514	-3.6%	934	1,051	2,452	2,460	NM	NM	0	0
Iowa	975	1,190	-18.0%	528	645	446	545	NM	NM	0	0
Kansas	845	863	-2.1%	74	89	771	773	0	0	0	0
Minnesota	591	605	-2.4%	124	126	465	477	NM	NM	0	0
Missouri	60	79	-24.3%	0	0	60	79	0	0	0	0
Nebraska	224	149	50.5%	20	17	204	131	0	0	0	0
North Dakota	465	426	9.1%	133	135	332	291	0	0	0	0
South Dakota	228	201	13.3%	54	38	174	164	0	0	0	0
South Atlantic	85	64	32.9%	0	0	84	63	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	17	12	48.0%	0	0	17	12	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	67	52	29.6%	0	0	67	52	0	0	0	0
East South Central	2	2	0.4%	0	0	2	2	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	2	2	0.4%	0	0	2	2	0	0	0	0
West South Central	3,163	2,795	13.1%	108	150	3,053	2,645	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	838	772	8.5%	83	126	755	646	0	0	0	0
Texas	2,325	2,023	14.9%	25	23	2,298	2,000	NM	0	0	0
Mountain	1,209	1,384	-12.7%	132	156	1,076	1,227	NM	NM	NM	NM
Arizona	24	30	-19.9%	0	0	24	30	0	0	0	0
Colorado	479	561	-14.5%	10	4	468	555	NM	NM	NM	NM
Idaho	186	208	-10.6%	12	12	174	196	0	0	0	0
Montana	108	87	24.1%	15	6	93	81	0	0	0	0
Nevada	21	20	4.9%	0	0	21	20	0	0	0	0
New Mexico	133	139	-4.5%	0	0	133	139	NM	NM	0	0
Utah	38	54	-30.7%	0	0	38	54	0	0	0	0
Wyoming	220	285	-22.8%	95	133	125	152	0	0	0	0
Pacific Contiguous	2,042	2,417	-15.5%	453	492	1,589	1,925	NM	NM	NM	NM
California	987	1,186	-16.8%	106	91	881	1,095	NM	NM	NM	NM
Oregon	539	644	-16.3%	106	119	433	524	0	0	0	0
Washington	516	587	-12.1%	241	282	275	305	0	0	0	0
Pacific Noncontiguous	43	54	-20.3%	NM	NM	38	49	0	0	0	0
Alaska	9	9	-3.6%	NM	NM	NM	NM	0	0	0	0
Hawaii	34	45	-23.8%	0	0	34	45	0	0	0	0
U.S. Total	11,473	11,709	-2.0%	1,768	1,988	9,695	9,714	NM	NM	NM	NM

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NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	1,445	1,317	9.8%	178	132	1,244	1,176	23	9	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	770	732	5.2%	0	0	770	732	0	0	0	0
Massachusetts	154	132	17.2%	44	42	88	81	23	9	0	0
New Hampshire	299	284	5.5%	0	0	299	284	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	219	168	30.3%	135	90	84	77	0	0	0	0
Middle Atlantic	5,281	4,810	9.8%	0	0	5,274	4,803	0	0	NM	NM
New Jersey	10	10	4.1%	0	0	10	10	0	0	0	0
New York	2,814	2,455	14.6%	0	0	2,807	2,448	0	0	NM	NM
Pennsylvania	2,457	2,345	4.8%	0	0	2,457	2,345	0	0	0	0
East North Central	14,147	12,609	12.2%	1,420	1,305	12,707	11,291	NM	NM	19	12
Illinois	7,196	6,694	7.5%	11	11	7,185	6,683	0	0	0	0
Indiana	2,298	2,331	-1.4%	0	0	2,297	2,329	NM	NM	0	0
Michigan	2,678	1,709	56.7%	652	620	2,026	1,090	0	0	0	0
Ohio	804	768	4.6%	12	11	773	745	0	0	19	12
Wisconsin	1,171	1,107	5.7%	746	664	425	444	0	0	0	0
West North Central	35,151	31,679	11.0%	10,383	9,929	24,746	21,728	23	22	0	0
Iowa	11,378	11,160	2.0%	6,252	6,180	5,124	4,978	NM	NM	0	0
Kansas	8,054	6,868	17.3%	679	669	7,375	6,199	0	0	0	0
Minnesota	6,472	5,750	12.6%	1,391	1,285	5,060	4,445	20	20	0	0
Missouri	816	854	-4.4%	0	0	816	854	0	0	0	0
Nebraska	1,790	1,242	44.2%	158	156	1,632	1,085	0	0	0	0
North Dakota	4,547	3,885	17.1%	1,416	1,206	3,131	2,679	0	0	0	0
South Dakota	2,095	1,921	9.1%	487	431	1,609	1,490	0	0	0	0
South Atlantic	1,221	1,250	-2.3%	0	0	1,218	1,247	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	209	228	-8.5%	0	0	209	228	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	1,009	1,019	-1.0%	0	0	1,009	1,019	0	0	0	0
East South Central	35	32	10.4%	0	0	35	32	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	35	32	10.4%	0	0	35	32	0	0	0	0
West South Central	37,984	34,984	8.6%	1,445	1,449	36,528	33,535	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	8,794	7,867	11.8%	1,215	1,204	7,579	6,664	0	0	0	0
Texas	29,190	27,117	7.6%	230	246	28,949	26,871	NM	0	0	0
Mountain	14,636	13,888	5.4%	1,759	1,592	12,863	12,282	11	11	NM	NM
Arizona	368	359	2.6%	0	0	368	359	0	0	0	0
Colorado	5,276	5,317	-0.8%	129	50	5,136	5,255	8	9	NM	NM
Idaho	2,084	1,893	10.1%	121	97	1,963	1,796	0	0	0	0
Montana	1,352	1,086	24.4%	162	65	1,189	1,021	0	0	0	0
Nevada	218	195	11.8%	0	0	218	195	0	0	0	0
New Mexico	1,710	1,631	4.9%	0	0	1,707	1,628	NM	NM	0	0
Utah	513	416	23.2%	0	0	513	416	0	0	0	0
Wyoming	3,116	2,991	4.2%	1,347	1,379	1,769	1,612	0	0	0	0
Pacific Contiguous	23,039	22,902	0.6%	4,814	4,520	18,220	18,377	NM	NM	NM	NM
California	11,405	11,366	0.3%	996	782	10,405	10,580	NM	NM	NM	NM
Oregon	6,058	6,062	-0.1%	1,133	1,162	4,925	4,900	0	0	0	0
Washington	5,576	5,473	1.9%	2,685	2,576	2,891	2,897	0	0	0	0
Pacific Noncontiguous	555	487	14.0%	78	65	477	422	0	0	0	0
Alaska	117	102	15.2%	78	65	39	37	0	0	0	0
Hawaii	438	385	13.7%	0	0	438	385	0	0	0	0
U.S. Total	133,495	123,956	7.7%	20,077	18,992	113,312	104,892	74	48	31	24

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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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	640	656	-2.4%	55	54	419	388	13	13	153	202
Connecticut	62	54	14.7%	0	0	62	54	0	0	0	0
Maine	293	313	-6.1%	0	0	130	143	10	10	153	160
Massachusetts	99	139	-28.6%	0	0	99	97	0	0	0	41
New Hampshire	128	109	17.8%	31	30	94	76	3	NM	0	0
Rhode Island	22	8	183.4%	0	0	22	8	0	0	0	0
Vermont	36	35	3.0%	24	24	11	11	NM	NM	0	0
Middle Atlantic	481	467	2.9%	0	0	370	365	45	46	65	56
New Jersey	83	82	1.4%	0	0	70	69	13	13	0	0
New York	201	197	1.9%	0	0	162	155	21	22	19	21
Pennsylvania	196	187	4.5%	0	0	138	141	11	11	47	35
East North Central	483	486	-0.7%	34	41	284	281	24	18	141	146
Illinois	52	51	1.5%	0	0	52	51	0	0	0	0
Indiana	26	26	1.4%	23	23	0	0	NM	NM	NM	NM
Michigan	221	216	2.2%	0	0	136	135	21	15	64	66
Ohio	59	59	-1.1%	NM	1	32	32	0	0	26	26
Wisconsin	125	134	-6.4%	11	18	64	63	NM	NM	49	53
West North Central	200	193	3.1%	44	46	91	91	6	NM	58	53
Iowa	13	14	-7.2%	2	2	7	7	NM	NM	2	3
Kansas	5	5	2.3%	0	0	5	5	0	0	0	0
Minnesota	170	165	3.1%	35	36	78	78	NM	NM	56	50
Missouri	7	5	31.2%	3	4	NM	2	2	0	NM	NM
Nebraska	5	5	3.1%	4	4	0	0	NM	NM	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	1,424	1,320	7.9%	142	121	491	422	26	28	765	749
Delaware	5	5	2.9%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	391	354	10.4%	8	9	212	172	NM	NM	169	171
Georgia	340	315	8.2%	0	0	57	50	NM	NM	282	262
Maryland	47	40	18.6%	0	0	33	31	NM	NM	11	6
North Carolina	155	207	-25.2%	0	0	97	104	0	0	59	103
South Carolina	184	133	38.5%	40	33	NM	2	0	0	143	98
Virginia	300	265	13.0%	94	79	85	58	19	20	102	108
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	480	518	-7.2%	8	8	18	20	0	0	454	490
Alabama	260	291	-10.6%	NM	NM	16	18	0	0	244	272
Kentucky	12	9	33.1%	8	8	0	0	0	0	NM	NM
Mississippi	126	133	-5.3%	0	0	0	0	0	0	126	133
Tennessee	83	85	-2.9%	0	0	NM	2	0	0	81	83
West South Central	511	511	0.2%	0	0	70	56	3	NM	439	451
Arkansas	117	134	-12.4%	0	0	7	6	NM	NM	110	127
Louisiana	227	217	4.8%	0	0	5	5	0	0	222	212
Oklahoma	27	28	-4.0%	0	0	0	0	0	0	27	28
Texas	140	132	6.0%	0	0	58	45	NM	NM	79	84
Mountain	76	62	23.9%	NM	2	39	35	0	0	35	24
Arizona	19	15	27.2%	NM	2	17	13	0	0	0	0
Colorado	5	5	0.5%	0	0	5	5	0	0	0	0
Idaho	47	36	29.2%	0	0	11	12	0	0	35	24
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	1.5%	0	0	5	5	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	775	780	-0.6%	58	63	433	418	83	87	202	212
California	553	557	-0.7%	15	17	401	389	81	85	56	67
Oregon	80	73	10.0%	5	5	25	22	NM	NM	48	44
Washington	142	150	-5.7%	37	41	7	7	0	0	97	101
Pacific Noncontiguous	23	28	-15.3%	0	5	0	0	16	16	7	7
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	23	28	-15.5%	0	5	0	0	16	16	7	7
U.S. Total	5,093	5,021	1.4%	342	339	2,214	2,079	216	214	2,320	2,388

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 1.18.B. Net Generation from Biomass

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	5,703	5,688	0.3%	466	492	3,608	3,386	120	111	1,508	1,699
Connecticut	572	502	14.0%	0	0	572	502	0	0	0	0
Maine	2,441	2,572	-5.1%	0	0	1,163	1,197	93	84	1,185	1,291
Massachusetts	1,200	1,282	-6.4%	0	0	877	874	NM	NM	323	408
New Hampshire	1,070	932	14.8%	252	266	793	641	24	25	0	0
Rhode Island	103	71	44.8%	0	0	103	71	0	0	0	0
Vermont	317	329	-3.7%	214	227	100	100	NM	NM	0	0
Middle Atlantic	4,238	4,083	3.8%	0	0	3,223	3,183	393	399	623	501
New Jersey	732	736	-0.5%	0	0	621	621	111	114	0	0
New York	1,718	1,659	3.6%	0	0	1,345	1,295	185	188	188	176
Pennsylvania	1,788	1,689	5.9%	0	0	1,257	1,267	97	97	435	325
East North Central	4,299	4,418	-2.7%	374	422	2,479	2,549	174	143	1,271	1,304
Illinois	458	473	-3.3%	0	0	458	473	NM	NM	0	0
Indiana	211	241	-12.2%	183	212	0	0	16	16	13	12
Michigan	1,970	1,903	3.5%	0	0	1,251	1,211	149	117	570	575
Ohio	406	534	-23.9%	5	5	164	297	0	0	237	231
Wisconsin	1,253	1,267	-1.1%	187	206	606	567	9	9	452	485
West North Central	1,688	1,653	2.1%	382	390	819	841	66	37	420	385
Iowa	118	115	2.0%	21	22	63	64	17	17	16	12
Kansas	42	42	-1.4%	0	0	42	42	0	0	0	0
Minnesota	1,406	1,399	0.5%	298	303	699	719	9	NM	400	368
Missouri	76	48	57.3%	30	30	16	16	29	0	NM	NM
Nebraska	45	45	-0.9%	34	34	0	0	11	11	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	13,236	11,752	12.6%	1,215	799	4,413	3,803	243	245	7,366	6,905
Delaware	45	46	-1.3%	0	0	45	46	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,601	3,291	9.4%	75	71	1,980	1,619	21	24	1,525	1,578
Georgia	3,042	2,666	14.1%	0	0	448	345	20	20	2,574	2,301
Maryland	420	404	3.9%	0	0	288	283	27	28	104	93
North Carolina	1,770	1,925	-8.0%	0	0	941	952	0	0	829	973
South Carolina	1,643	1,448	13.4%	330	320	14	15	0	0	1,298	1,114
Virginia	2,708	1,965	37.8%	809	408	689	536	174	173	1,035	847
West Virginia	8	8	-1.7%	0	0	8	8	0	0	0	0
East South Central	4,584	4,599	-0.3%	72	72	169	175	0	0	4,343	4,352
Alabama	2,349	2,482	-5.4%	NM	NM	150	156	0	0	2,198	2,325
Kentucky	338	219	54.3%	70	71	0	0	0	0	268	148
Mississippi	1,165	1,153	1.0%	1	0	0	0	0	0	1,164	1,152
Tennessee	732	745	-1.7%	0	0	19	19	0	0	714	726
West South Central	4,667	4,647	0.4%	0	0	704	603	29	28	3,935	4,016
Arkansas	1,170	1,262	-7.3%	0	0	65	65	4	NM	1,101	1,193
Louisiana	1,936	1,869	3.6%	0	0	45	46	0	0	1,891	1,823
Oklahoma	240	253	-5.3%	0	0	0	0	0	0	240	253
Texas	1,321	1,264	4.5%	0	0	594	493	25	24	703	747
Mountain	623	575	8.4%	21	20	319	271	0	NM	284	283
Arizona	156	92	69.3%	18	18	138	73	0	NM	0	0
Colorado	46	45	1.8%	3	2	43	44	0	0	0	0
Idaho	368	384	-4.2%	0	0	85	102	0	0	284	283
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	10	10	-0.1%	0	0	10	10	0	0	0	0
Utah	43	43	-1.4%	0	0	43	43	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	6,897	6,885	0.2%	461	490	3,803	3,699	759	769	1,874	1,927
California	4,943	4,939	0.1%	150	167	3,526	3,423	741	751	527	598
Oregon	693	672	3.2%	48	49	212	208	18	18	415	396
Washington	1,260	1,273	-1.0%	263	273	66	67	0	0	932	933
Pacific Noncontiguous	231	222	4.4%	15	19	0	0	147	133	70	70
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	231	221	4.8%	15	19	0	0	147	133	69	69
U.S. Total	46,166	44,523	3.7%	3,006	2,705	19,537	18,510	1,930	1,867	21,693	21,441

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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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 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	278	258	7.7%	22	22	256	237	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	8	8	-4.0%	0	0	8	8	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	227	222	2.3%	0	0	227	222	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	42	28	47.9%	22	22	19	7	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,045	1,075	-2.8%	69	70	976	1,004	0	0	0	0
California	1,032	1,065	-3.1%	69	70	964	995	0	0	0	0
Oregon	13	10	34.2%	0	0	13	10	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	19	23	-18.7%	0	0	19	23	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	19	23	-18.7%	0	0	19	23	0	0	0	0
U.S. Total	1,342	1,356	-1.0%	91	92	1,251	1,264	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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 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	2,573	2,401	7.1%	203	178	2,370	2,224	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	73	77	-4.7%	0	0	73	77	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	2,108	2,086	1.1%	0	0	2,108	2,086	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	378	239	58.2%	203	178	175	61	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	9,389	9,770	-3.9%	631	617	8,758	9,153	0	0	0	0
California	9,260	9,658	-4.1%	631	617	8,629	9,042	0	0	0	0
Oregon	129	111	16.1%	0	0	129	111	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	208	200	4.2%	0	0	208	200	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	208	200	4.2%	0	0	208	200	0	0	0	0
U.S. Total	12,170	12,371	-1.6%	834	795	11,336	11,576	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, September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	56	15	274.7%	NM	NM	54	13	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	50	13	293.6%	NM	NM	48	11	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	96	72	32.4%	NM	6	73	54	NM	12	NM	NM
New Jersey	78	58	34.6%	NM	6	56	40	NM	11	NM	NM
New York	NM	5	NM	0	0	NM	5	0	0	0	0
Pennsylvania	NM	10	NM	0	0	NM	8	NM	NM	NM	NM
East North Central	32	14	126.7%	NM	NM	30	12	NM	NM	0	0
Illinois	NM	7	NM	0	0	NM	7	0	0	0	0
Indiana	NM	NM	NM	0	0	NM	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	NM	7	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	156	88	77.0%	19	17	127	66	NM	5	0	0
Delaware	NM	7	NM	NM	NM	NM	6	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	24	21	12.2%	16	14	NM	7	NM	NM	0	0
Georgia	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
Maryland	NM	12	NM	NM	NM	NM	10	NM	NM	0	0
North Carolina	101	48	110.8%	NM	NM	92	43	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	17	18	-6.8%	0	0	17	18	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	17	18	-6.8%	0	0	17	18	NM	NM	0	0
Mountain	465	317	46.4%	43	27	413	283	NM	7	NM	NM
Arizona	279	196	42.6%	33	21	244	172	NM	NM	0	0
Colorado	25	18	39.4%	0	0	23	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	105	66	60.1%	0	0	102	62	NM	NM	NM	NM
New Mexico	55	38	45.7%	NM	5	45	32	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	1,090	447	143.8%	48	48	1,030	389	NM	9	NM	NM
California	1,087	444	144.5%	47	47	1,028	388	NM	9	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	17.1%	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	1,925	979	96.6%	124	101	1,755	842	44	34	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 September 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	316	98	222.2%	16	NM	300	87	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	272	83	229.9%	16	NM	256	72	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	12	NM	NM	0	0	12	NM	0	0	0	0
Vermont	22	13	66.7%	0	0	22	13	0	0	0	0
Middle Atlantic	707	532	32.9%	49	45	546	398	102	81	10	NM
New Jersey	559	429	30.4%	49	45	408	302	101	80	NM	NM
New York	70	42	65.5%	0	0	70	42	0	0	0	0
Pennsylvania	78	61	27.9%	0	0	68	53	NM	NM	9	NM
East North Central	238	102	133.3%	13	NM	222	87	NM	NM	0	0
Illinois	61	50	23.5%	0	0	61	50	0	0	0	0
Indiana	116	NM	NM	0	0	116	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	61	49	25.1%	13	NM	45	34	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	13	NM	NM	0	0	13	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	1,101	572	92.6%	168	157	857	393	77	22	0	0
Delaware	52	45	17.6%	NM	NM	45	43	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	203	195	4.3%	143	141	58	53	NM	NM	0	0
Georgia	101	NM	NM	0	0	96	NM	NM	NM	0	0
Maryland	93	59	57.9%	11	NM	77	44	NM	NM	0	0
North Carolina	647	268	141.7%	6	NM	576	252	65	11	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	30	26	13.6%	0	0	26	24	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	30	26	13.6%	0	0	26	24	NM	NM	0	0
West South Central	208	137	51.4%	0	0	205	135	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	208	137	51.4%	0	0	205	135	NM	NM	0	0
Mountain	3,760	2,572	46.2%	329	235	3,363	2,273	65	62	NM	NM
Arizona	2,379	1,493	59.4%	247	185	2,112	1,293	20	15	0	0
Colorado	197	160	23.1%	0	0	178	143	18	16	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	765	585	30.9%	0	0	736	552	27	30	NM	NM
New Mexico	417	333	25.2%	82	50	334	283	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	7,855	2,732	187.5%	390	320	7,376	2,339	82	68	NM	NM
California	7,832	2,714	188.6%	382	313	7,361	2,328	82	68	NM	NM
Oregon	22	17	26.7%	NM	NM	15	NM	0	0	0	0
Washington	1	1	-1.1%	1	1	0	0	0	0	0	0
Pacific Noncontiguous	44	23	88.7%	NM	0	38	23	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	44	23	88.7%	NM	0	38	23	0	0	0	0
U.S. Total	14,271	6,797	110.0%	970	778	12,945	5,762	337	241	20	16

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-September 2014 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector: Electric Utilities	Electric Power Sector: 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
Year to Date					
2012	616,119	460,615	151,730	233	3,540
2013	651,246	483,261	164,262	242	3,481
2014	661,938	492,365	165,733	228	3,612
Rolling 12 Months Ending in September					
2013	860,860	638,113	217,827	315	4,606
2014	871,482	648,394	218,038	296	4,754

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-September 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
Year to Date					
2012	14,504	0	2,115	851	11,538
2013	13,798	0	1,933	819	11,046
2014	13,537	0	1,824	790	10,923
Rolling 12 Months Ending in September					
2013	18,627	0	2,608	1,111	14,908
2014	18,327	0	2,385	1,075	14,866

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-September 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
Year to Date					
2012	630,622	460,615	153,845	1,084	15,078
2013	665,043	483,261	166,195	1,060	14,527
2014	675,475	492,365	167,558	1,018	14,534
Rolling 12 Months Ending in September					
2013	879,487	638,113	220,435	1,426	19,514
2014	889,809	648,394	220,423	1,370	19,621

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-September 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
Year to Date					
2012	17,190	13,522	2,935	204	529
2013	17,321	12,561	4,138	234	388
2014	26,425	15,889	9,666	459	412
Rolling 12 Months Ending in September					
2013	22,735	16,559	5,313	NM	561
2014	31,855	19,757	11,043	NM	525

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-September 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
Year to Date					
2012	2,356	0	735	104	1,517
2013	2,246	0	768	112	1,365
2014	2,686	0	888	221	1,577
Rolling 12 Months Ending in September					
2013	2,987	0	1,025	NM	1,831
2014	3,380	0	1,164	NM	1,959

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-September 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
Year to Date					
2012	19,546	13,522	3,670	307	2,046
2013	19,566	12,561	4,906	347	1,753
2014	29,111	15,889	10,554	680	1,989
Rolling 12 Months Ending in September					
2013	25,722	16,559	6,338	NM	2,393
2014	35,235	19,757	12,208	NM	2,484

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 2.3.A. Petroleum Coke: Consumption for Electricity Generation, by Sector, 2004-September 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
Year to Date					
2012	2,773	1,604	582	1	586
2013	3,797	2,630	601	1	566
2014	3,462	2,634	484	1	343
Rolling 12 Months Ending in September					
2013	4,699	3,130	775	1	792
2014	4,557	3,413	681	2	461

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-September 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
Year to Date					
2012	990	0	86	7	896
2013	792	0	81	7	704
2014	599	0	62	11	526
Rolling 12 Months Ending in September					
2013	1,149	0	108	11	1,029
2014	951	0	91	15	846

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-September 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
Year to Date					
2012	3,762	1,604	667	8	1,482
2013	4,589	2,630	682	8	1,270
2014	4,061	2,634	546	12	869
Rolling 12 Months Ending in September					
2013	5,848	3,130	884	12	1,821
2014	5,509	3,413	771	17	1,307

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 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector, 2004-September 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
Year to Date					
2012	7,542,509	3,254,968	3,762,398	49,545	475,598
2013	6,523,903	2,905,142	3,105,616	44,642	468,503
2014	6,431,737	2,838,883	3,103,325	45,313	444,216
Rolling 12 Months Ending in September					
2013	8,466,104	3,752,100	4,029,478	58,214	626,312
2014	8,420,316	3,705,238	4,050,830	60,286	603,963

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output, by Sector, 2004-September 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
Year to Date					
2012	670,340	0	244,986	36,259	389,095
2013	664,516	0	246,234	33,986	384,296
2014	661,445	0	249,033	34,198	378,213
Rolling 12 Months Ending in September					
2013	880,278	0	323,856	45,609	510,813
2014	891,205	0	331,466	47,187	512,551

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

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

Period	Total (all sectors)	Electric Power Sector: Electric Utilities	Electric Power Sector: 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
Year to Date					
2012	8,212,849	3,254,968	4,007,383	85,804	864,694
2013	7,188,419	2,905,142	3,351,851	78,628	852,799
2014	7,093,182	2,838,883	3,352,358	79,511	822,429
Rolling 12 Months Ending in September					
2013	9,346,382	3,752,100	4,353,334	103,823	1,137,125
2014	9,311,521	3,705,238	4,382,297	107,472	1,116,514

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.

Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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

Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.

Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.5.A. Landfill Gas: Consumption for Electricity Generation, by Sector, 2004-September 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
Year to Date					
2012	189,400	18,712	148,965	19,850	1,872
2013	221,138	23,096	175,347	20,337	2,358
2014	213,718	22,331	169,377	19,742	2,268
Rolling 12 Months Ending in September					
2013	288,114	29,578	228,346	27,159	NM
2014	290,776	30,282	230,034	27,300	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.5.B. Landfill Gas: Consumption for Useful Thermal Output, by Sector, 2004-September 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
Year to Date					
2012	2,412	0	2,114	252	46
2013	3,526	0	3,076	352	98
2014	3,140	0	2,738	326	75
Rolling 12 Months Ending in September					
2013	4,302	0	3,750	439	NM
2014	4,407	0	3,834	467	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-September 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
Year to Date					
2012	191,812	18,712	151,080	20,103	1,918
2013	224,664	23,096	178,422	20,689	2,456
2014	216,858	22,331	172,115	20,069	2,343
Rolling 12 Months Ending in September					
2013	292,416	29,578	232,096	27,598	NM
2014	295,183	30,282	233,868	27,768	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation, by Sector, 2004-September 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
Year to Date					
2012	12,711	315	10,650	1,738	9
2013	11,838	341	9,845	1,646	6
2014	11,854	336	9,863	1,649	6
Rolling 12 Months Ending in September					
2013	16,096	443	13,430	2,212	NM
2014	15,893	452	13,208	2,223	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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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-September 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
Year to Date					
2012	1,484	0	392	947	145
2013	1,488	0	451	912	125
2014	1,461	0	452	888	121
Rolling 12 Months Ending in September					
2013	1,990	0	581	1,238	NM
2014	1,958	0	618	1,176	165

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.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-September 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
Year to Date					
2012	14,194	315	11,042	2,685	153
2013	13,326	341	10,296	2,558	131
2014	13,315	336	10,314	2,537	127
Rolling 12 Months Ending in September					
2013	18,086	443	14,012	3,451	NM
2014	17,851	452	13,826	3,399	174

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, September 2014 and September 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	31	61	-49.0%	5	6	25	54	0	0	1	1
Connecticut	0	6	-100.0%	0	0	0	6	0	0	0	0
Maine	1	1	-32.0%	0	0	0	0	0	0	0	1
Massachusetts	25	48	-48.0%	0	0	25	48	0	0	NM	NM
New Hampshire	5	6	-10.0%	5	6	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,711	3,263	-17.0%	NM	NM	2,687	3,246	NM	NM	24	16
New Jersey	51	56	-8.7%	0	0	51	56	0	0	0	0
New York	104	83	25.0%	NM	NM	98	79	0	0	6	5
Pennsylvania	2,556	3,124	-18.0%	0	0	2,538	3,112	NM	NM	18	12
East North Central	14,782	16,326	-9.5%	10,528	11,289	4,162	4,945	5	6	87	86
Illinois	3,936	4,645	-15.0%	460	486	3,422	4,107	NM	NM	53	52
Indiana	3,754	3,852	-2.5%	3,506	3,613	243	234	3	4	NM	1
Michigan	2,459	2,647	-7.1%	2,427	2,627	18	NM	1	1	13	12
Ohio	2,843	3,238	-12.0%	2,359	2,635	479	598	NM	NM	5	5
Wisconsin	1,791	1,944	-7.9%	1,776	1,929	0	0	NM	NM	15	16
West North Central	10,395	11,009	-5.6%	10,258	10,879	0	0	5	6	131	124
Iowa	1,568	1,631	-3.9%	1,492	1,558	0	0	4	4	72	69
Kansas	1,382	1,683	-18.0%	1,382	1,683	0	0	0	0	0	0
Minnesota	1,244	1,047	19.0%	1,216	1,022	0	0	0	0	28	25
Missouri	3,077	3,488	-12.0%	3,074	3,484	0	0	2	2	2	2
Nebraska	1,258	1,367	-8.0%	1,236	1,346	0	0	0	0	22	20
North Dakota	1,736	1,644	5.6%	1,729	1,637	0	0	0	0	7	6
South Dakota	130	149	-13.0%	130	149	0	0	0	0	0	0
South Atlantic	9,931	10,279	-3.4%	8,120	8,485	1,759	1,740	2	3	50	50
Delaware	31	60	-49.0%	0	0	31	60	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,912	1,859	2.9%	1,839	1,788	70	67	0	0	NM	4
Georgia	1,823	1,981	-8.0%	1,816	1,972	0	0	0	0	7	9
Maryland	552	528	4.5%	0	0	547	524	NM	NM	3	2
North Carolina	1,420	1,522	-6.7%	1,359	1,449	57	68	0	1	4	5
South Carolina	936	837	12.0%	933	833	0	0	0	0	3	4
Virginia	629	753	-16.0%	576	705	45	37	NM	NM	8	10
West Virginia	2,628	2,739	-4.1%	1,597	1,737	1,009	985	0	0	22	17
East South Central	7,240	7,437	-2.6%	7,102	7,095	116	318	NM	NM	21	24
Alabama	2,025	2,275	-11.0%	2,022	2,271	0	0	0	0	3	4
Kentucky	3,070	3,252	-5.6%	3,070	3,252	0	0	0	0	0	0
Mississippi	497	528	-5.8%	381	210	116	318	0	0	0	0
Tennessee	1,647	1,381	19.0%	1,629	1,361	0	0	NM	NM	18	20
West South Central	14,042	14,357	-2.2%	7,071	7,016	6,955	7,321	0	0	16	20
Arkansas	1,605	1,711	-6.2%	1,351	1,468	253	241	0	0	1	2
Louisiana	1,371	1,448	-5.3%	839	782	532	666	0	0	0	0
Oklahoma	1,673	1,743	-4.0%	1,539	1,625	119	100	0	0	15	18
Texas	9,393	9,455	-0.7%	3,342	3,141	6,050	6,314	0	0	0	0
Mountain	9,286	9,080	2.3%	8,126	8,245	1,096	777	0	0	64	58
Arizona	2,098	2,044	2.7%	2,098	2,044	0	0	0	0	0	0
Colorado	1,415	1,352	4.6%	1,412	1,349	NM	3	0	0	NM	NM
Idaho	1	1	4.7%	0	0	0	0	0	0	1	1
Montana	986	679	45.0%	NM	NM	965	658	0	0	NM	NM
Nevada	235	230	2.4%	175	178	61	52	0	0	0	0
New Mexico	1,029	1,141	-9.8%	1,029	1,141	0	0	0	0	0	0
Utah	1,343	1,392	-3.5%	1,266	1,324	NM	NM	0	0	45	40
Wyoming	2,179	2,240	-2.7%	2,128	2,189	NM	NM	0	0	17	15
Pacific Contiguous	770	788	-2.3%	233	214	529	568	0	0	7	7
California	41	44	-8.0%	0	0	35	38	0	0	6	6
Oregon	233	214	9.3%	233	214	0	0	0	0	0	0
Washington	495	530	-6.5%	0	0	494	529	0	0	1	1
Pacific Noncontiguous	106	105	0.1%	15	17	81	78	8	8	NM	NM
Alaska	40	42	-3.6%	15	17	17	16	8	8	0	0
Hawaii	65	64	2.5%	0	0	64	62	0	0	NM	NM
U.S. Total	69,293	72,704	-4.7%	51,460	53,246	17,409	19,047	22	23	401	388

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 September 2014 and September 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	1,997	2,066	-3.3%	438	492	1,548	1,564	0	0	12	11
Connecticut	420	268	57.0%	0	0	420	268	0	0	0	0
Maine	15	11	38.0%	0	0	8	5	0	0	7	6
Massachusetts	1,125	1,295	-13.0%	0	0	1,120	1,291	0	0	5	5
New Hampshire	438	492	-11.0%	438	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	33,004	34,850	-5.3%	NM	NM	32,758	34,654	5	5	226	182
New Jersey	927	680	36.0%	0	0	927	680	0	0	0	0
New York	1,989	1,862	6.8%	NM	NM	1,923	1,801	0	0	51	51
Pennsylvania	30,087	32,308	-6.9%	0	0	29,907	32,173	5	5	175	130
East North Central	146,780	146,850	0.0%	104,067	104,472	41,800	41,501	63	72	851	804
Illinois	39,183	39,228	-0.1%	4,313	4,807	34,359	33,935	14	18	497	468
Indiana	37,876	34,799	8.8%	35,829	32,751	2,009	2,008	27	29	11	11
Michigan	22,914	23,910	-4.2%	22,595	23,604	182	164	19	22	118	119
Ohio	30,081	31,003	-3.0%	24,770	25,550	5,249	5,394	2	1	61	58
Wisconsin	16,725	17,910	-6.6%	16,560	17,760	0	0	1	1	164	150
West North Central	105,081	104,755	0.3%	103,786	103,523	0	0	60	62	1,236	1,170
Iowa	15,603	15,919	-2.0%	14,880	15,226	0	0	42	39	681	654
Kansas	14,193	14,554	-2.5%	14,193	14,554	0	0	0	0	0	0
Minnesota	12,534	10,148	24.0%	12,272	9,905	0	0	0	0	263	242
Missouri	33,375	33,878	-1.5%	33,328	33,829	0	0	18	23	29	26
Nebraska	11,516	11,854	-2.8%	11,317	11,666	0	0	0	0	199	188
North Dakota	16,484	16,952	-2.8%	16,420	16,891	0	0	0	0	63	60
South Dakota	1,375	1,451	-5.2%	1,375	1,451	0	0	0	0	0	0
South Atlantic	99,460	88,783	12.0%	82,666	73,276	16,300	15,034	25	25	469	448
Delaware	412	540	-24.0%	0	0	412	540	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	17,426	15,732	11.0%	16,912	15,262	481	435	0	0	33	35
Georgia	18,909	15,787	20.0%	18,830	15,706	0	0	0	0	79	81
Maryland	6,146	5,070	21.0%	0	0	6,098	5,026	16	15	32	29
North Carolina	15,696	14,652	7.1%	15,175	14,097	481	512	5	6	35	38
South Carolina	9,374	7,495	25.0%	9,325	7,450	0	0	0	0	49	45
Virginia	7,140	7,260	-1.7%	6,509	6,776	548	395	4	4	79	85
West Virginia	24,357	22,246	9.5%	15,914	13,985	8,280	8,127	0	0	163	134
East South Central	69,122	66,545	3.9%	66,647	63,959	2,258	2,355	5	4	212	227
Alabama	18,949	18,480	2.5%	18,913	18,441	NM	0	0	0	35	39
Kentucky	29,685	29,938	-0.8%	29,685	29,938	0	0	0	0	0	0
Mississippi	5,562	4,508	23.0%	3,305	2,153	2,257	2,355	0	0	0	0
Tennessee	14,926	13,619	9.6%	14,744	13,427	0	0	5	4	177	188
West South Central	119,740	117,453	1.9%	60,892	60,149	58,707	57,151	0	0	141	153
Arkansas	15,130	14,486	4.4%	13,534	12,640	1,585	1,828	0	0	11	18
Louisiana	9,863	11,050	-11.0%	4,227	5,383	5,634	5,666	0	0	NM	NM
Oklahoma	14,816	14,183	4.5%	13,785	13,239	903	810	0	0	128	134
Texas	79,930	77,734	2.8%	29,346	28,887	50,584	48,847	0	0	0	0
Mountain	81,118	84,438	-3.9%	72,445	75,736	8,275	8,290	0	0	397	412
Arizona	17,377	17,464	-0.5%	17,377	17,464	0	0	0	0	0	0
Colorado	13,707	14,132	-3.0%	13,680	14,102	24	26	0	0	4	4
Idaho	14	13	6.2%	0	0	0	0	0	0	14	13
Montana	7,300	7,301	0.0%	178	188	7,114	7,106	0	0	8	7
Nevada	2,819	2,311	22.0%	2,233	1,766	585	546	0	0	0	0
New Mexico	8,977	10,840	-17.0%	8,977	10,840	0	0	0	0	0	0
Utah	11,289	11,642	-3.0%	10,822	11,119	239	273	0	0	227	249
Wyoming	19,636	20,734	-5.3%	19,178	20,256	313	339	0	0	145	139
Pacific Contiguous	4,723	4,633	1.9%	1,271	1,507	3,398	3,065	0	0	55	61
California	285	334	-15.0%	0	0	238	279	0	0	46	55
Oregon	1,271	1,507	-16.0%	1,271	1,507	0	0	0	0	0	0
Washington	3,168	2,792	13.0%	0	0	3,159	2,786	0	0	8	6
Pacific Noncontiguous	913	871	4.7%	138	136	691	648	70	73	14	14
Alaska	364	362	0.5%	138	136	155	153	70	73	0	0
Hawaii	549	509	7.8%	0	0	535	495	0	0	14	14
U.S. Total	661,938	651,246	1.6%	492,365	483,261	165,733	164,262	228	242	3,612	3,481

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

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	24	60	-59.0%	NM	9	NM	44	NM	NM	NM	NM
Connecticut	NM	12	NM	NM	NM	NM	11	NM	NM	NM	NM
Maine	NM	NM	NM	NM	NM	NM	4	NM	NM	1	NM
Massachusetts	NM	37	NM	3	5	NM	29	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	2	0	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	75	157	-52.0%	NM	46	NM	103	NM	NM	6	6
New Jersey	NM	10	NM	NM	NM	NM	9	NM	NM	NM	NM
New York	NM	101	NM	NM	45	NM	49	3	NM	6	6
Pennsylvania	39	46	-15.0%	NM	NM	38	45	NM	NM	NM	NM
East North Central	70	109	-36.0%	60	75	9	32	NM	NM	1	2
Illinois	13	10	28.0%	NM	NM	7	6	NM	NM	NM	NM
Indiana	16	21	-21.0%	16	20	NM	NM	NM	NM	1	1
Michigan	18	22	-20.0%	17	21	0	0	0	0	NM	0
Ohio	19	46	-59.0%	17	21	NM	25	NM	NM	0	NM
Wisconsin	3	10	-65.0%	3	9	NM	NM	NM	NM	NM	NM
West North Central	43	48	-10.0%	42	47	NM	NM	NM	NM	0	NM
Iowa	6	11	-44.0%	6	11	NM	NM	NM	NM	NM	NM
Kansas	9	6	47.0%	9	6	0	0	0	0	0	0
Minnesota	3	11	-75.0%	NM	11	NM	NM	NM	NM	NM	NM
Missouri	11	7	49.0%	11	7	NM	NM	NM	NM	0	0
Nebraska	4	4	-0.5%	4	4	0	0	0	0	0	0
North Dakota	8	6	28.0%	8	6	0	0	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
South Atlantic	122	167	-27.0%	86	93	21	58	8	NM	6	7
Delaware	NM	5	NM	NM	NM	NM	4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	19	28	-32.0%	17	26	NM	NM	0	0	2	2
Georgia	8	9	-14.0%	5	6	NM	NM	NM	NM	2	2
Maryland	18	35	-47.0%	NM	NM	NM	25	8	NM	0	0
North Carolina	14	22	-37.0%	12	21	NM	NM	NM	NM	1	1
South Carolina	10	12	-13.0%	9	11	1	0	NM	NM	1	1
Virginia	35	42	-16.0%	26	12	8	28	0	0	NM	1
West Virginia	16	15	4.2%	16	15	0	0	0	0	0	0
East South Central	85	40	116.0%	82	37	NM	NM	NM	NM	3	2
Alabama	15	8	93.0%	13	5	NM	NM	0	0	3	2
Kentucky	16	12	38.0%	16	12	0	0	0	0	0	0
Mississippi	4	2	103.0%	3	2	0	0	0	0	0	0
Tennessee	50	18	179.0%	50	18	0	0	NM	NM	NM	NM
West South Central	36	18	100.0%	14	10	19	7	NM	NM	2	NM
Arkansas	3	3	3.4%	3	3	0	0	0	0	0	0
Louisiana	8	3	126.0%	2	2	3	1	0	0	2	1
Oklahoma	3	0	671.0%	3	0	0	0	NM	NM	NM	NM
Texas	22	11	100.0%	6	5	16	6	NM	NM	NM	NM
Mountain	27	29	-6.7%	24	26	3	NM	NM	0	0	NM
Arizona	4	8	-47.0%	4	8	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	2	NM	NM	NM	NM	2	NM	0	0	0	0
Nevada	4	3	6.1%	3	3	1	1	0	0	0	0
New Mexico	5	5	15.0%	5	5	NM	NM	0	0	NM	NM
Utah	4	3	22.0%	4	3	NM	NM	0	0	NM	NM
Wyoming	6	7	-13.0%	6	7	0	0	0	0	0	NM
Pacific Contiguous	15	13	23.0%	8	8	5	NM	NM	NM	3	4
California	13	8	59.0%	7	7	4	NM	NM	NM	1	NM
Oregon	1	1	32.0%	1	1	0	0	NM	NM	0	0
Washington	2	4	-54.0%	NM	NM	NM	1	NM	NM	1	3
Pacific Noncontiguous	1,090	963	13.0%	988	818	89	133	1	NM	13	NM
Alaska	105	98	6.9%	97	91	0	0	NM	NM	7	6
Hawaii	986	865	14.0%	891	727	89	133	0	1	NM	NM
U.S. Total	1,588	1,602	-0.9%	1,323	1,170	213	381	17	NM	35	35

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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 September 2014 and September 2013 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	3,491	1,329	163.0%	470	234	2,839	1,005	135	63	47	27
Connecticut	866	409	112.0%	NM	5	845	399	NM	NM	NM	NM
Maine	489	343	43.0%	NM	NM	459	326	NM	NM	18	10
Massachusetts	1,545	391	295.0%	229	96	1,233	256	NM	29	16	11
New Hampshire	450	121	273.0%	205	108	220	NM	NM	12	NM	NM
Rhode Island	92	42	121.0%	7	17	82	24	NM	NM	0	0
Vermont	NM	NM	NM	NM	9	0	0	NM	NM	0	0
Middle Atlantic	5,344	2,208	142.0%	1,564	813	3,676	1,323	NM	NM	67	58
New Jersey	729	153	375.0%	NM	NM	716	145	NM	NM	NM	NM
New York	3,446	1,537	124.0%	1,556	806	1,802	667	NM	NM	58	53
Pennsylvania	1,169	518	126.0%	NM	NM	1,158	511	NM	NM	NM	3
East North Central	1,174	921	27.0%	832	733	317	172	NM	NM	23	13
Illinois	137	112	22.0%	52	41	85	71	NM	NM	NM	NM
Indiana	221	192	15.0%	208	185	NM	NM	NM	NM	13	7
Michigan	208	207	0.7%	202	201	0	0	2	2	5	4
Ohio	520	352	48.0%	290	252	225	98	NM	NM	NM	NM
Wisconsin	88	58	51.0%	80	54	7	4	NM	NM	1	1
West North Central	580	462	25.0%	554	454	22	4	NM	NM	3	2
Iowa	101	129	-22.0%	98	126	NM	3	NM	NM	NM	NM
Kansas	87	80	9.6%	87	80	0	0	0	0	0	0
Minnesota	101	43	135.0%	79	39	19	1	NM	NM	2	1
Missouri	190	109	75.0%	190	109	NM	NM	NM	NM	0	0
Nebraska	47	38	23.0%	47	38	0	0	0	0	0	0
North Dakota	38	47	-19.0%	37	46	0	0	NM	NM	1	1
South Dakota	15	16	-5.6%	15	16	NM	NM	NM	NM	0	0
South Atlantic	5,855	2,403	144.0%	4,004	1,800	1,484	366	NM	139	97	98
Delaware	256	40	532.0%	NM	NM	255	39	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	927	741	25.0%	890	708	NM	NM	0	0	29	25
Georgia	279	135	107.0%	191	98	59	NM	NM	NM	28	34
Maryland	1,038	356	192.0%	NM	9	759	209	NM	136	0	0
North Carolina	746	282	164.0%	679	265	52	11	NM	NM	15	7
South Carolina	509	166	208.0%	467	151	26	0	NM	NM	16	14
Virginia	1,888	485	289.0%	1,595	371	282	96	1	1	9	17
West Virginia	213	198	7.3%	170	196	43	2	0	0	0	0
East South Central	733	495	48.0%	658	447	23	NM	NM	NM	52	46
Alabama	201	128	56.0%	126	84	23	NM	0	0	51	43
Kentucky	208	162	29.0%	208	162	0	0	0	0	0	0
Mississippi	NM	19	NM	NM	17	0	0	0	0	0	2
Tennessee	303	186	63.0%	302	185	0	0	NM	NM	NM	NM
West South Central	282	370	-24.0%	128	212	142	136	NM	NM	12	20
Arkansas	31	169	-81.0%	19	147	10	20	0	0	3	1
Louisiana	70	68	1.9%	24	19	39	32	0	0	7	18
Oklahoma	20	12	68.0%	20	11	0	0	NM	NM	NM	NM
Texas	161	121	33.0%	65	35	93	84	NM	NM	NM	NM
Mountain	337	289	17.0%	301	258	32	27	NM	0	3	3
Arizona	86	58	48.0%	86	58	0	0	NM	NM	0	0
Colorado	NM	16	NM	NM	16	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	28	21	35.0%	NM	NM	28	21	0	0	0	0
Nevada	22	24	-9.9%	19	20	3	5	0	0	0	0
New Mexico	90	66	35.0%	89	66	NM	NM	0	0	NM	NM
Utah	42	47	-9.1%	41	45	NM	NM	0	0	NM	NM
Wyoming	53	56	-5.0%	51	54	0	0	0	0	2	2
Pacific Contiguous	117	116	0.8%	67	60	31	25	NM	NM	17	30
California	72	67	7.0%	47	45	19	NM	NM	NM	4	8
Oregon	NM	NM	NM	13	9	0	0	NM	NM	0	0
Washington	32	40	-19.0%	NM	NM	12	12	NM	NM	13	22
Pacific Noncontiguous	8,511	8,727	-2.5%	7,311	7,548	1,098	1,077	10	11	91	91
Alaska	849	905	-6.2%	808	846	0	0	6	7	34	52
Hawaii	7,662	7,822	-2.0%	6,503	6,702	1,098	1,077	4	4	57	39
U.S. Total	26,425	17,321	53.0%	15,889	12,561	9,666	4,138	459	234	412	388

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 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	108	72	51.0%	59	22	45	44	0	0	5	6
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	26	19	40.0%	26	19	0	0	0	0	0	0
Michigan	31	NM	NM	28	1	1	1	0	0	NM	NM
Ohio	44	44	0.3%	0	0	44	43	0	0	NM	NM
Wisconsin	7	5	30.0%	4	3	0	0	0	0	3	3
West North Central	0	0	54.0%	0	0	0	0	0	0	0	0
Iowa	0	0	54.0%	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	2	107	-98.0%	0	105	0	0	0	0	2	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	105	-100.0%	0	105	0	0	0	0	0	0
Georgia	2	3	-4.5%	0	0	0	0	0	0	2	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	42	41	2.9%	42	41	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	42	41	2.9%	42	41	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	182	207	-12.0%	167	158	0	0	0	0	14	48
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	175	172	1.9%	167	158	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	6	35	-81.0%	0	0	0	0	0	0	6	35
Mountain	15	15	4.7%	0	0	15	15	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	15	4.7%	0	0	15	15	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	356	452	-21.0%	268	326	62	62	0	0	26	65

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 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	62	60	4.5%	0	0	0	0	0	0	62	60
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	36	38	-6.6%	0	0	0	0	0	0	36	38
East North Central	967	753	28.0%	544	290	369	408	0	0	55	55
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	239	267	-11.0%	239	267	0	0	0	0	0	0
Michigan	306	46	567.0%	264	1	18	24	0	0	25	21
Ohio	353	386	-8.6%	0	0	351	383	0	0	2	3
Wisconsin	70	55	27.0%	42	23	0	0	0	0	28	32
West North Central	1	1	60.0%	0	0	0	0	1	1	0	0
Iowa	1	1	60.0%	0	0	0	0	1	1	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	467	687	-32.0%	442	658	0	0	0	0	25	29
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	658	-33.0%	442	658	0	0	0	0	0	0
Georgia	25	29	-14.0%	0	0	0	0	0	0	25	29
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	303	383	-21.0%	303	383	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	303	383	-21.0%	303	383	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	1,546	1,765	-12.0%	1,345	1,298	0	45	0	0	201	421
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,449	1,399	3.6%	1,345	1,298	0	0	0	0	104	100
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	97	366	-73.0%	0	0	0	45	0	0	97	321
Mountain	107	125	-15.0%	0	0	107	125	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	107	125	-15.0%	0	0	107	125	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	23	NM	0	0	NM	23	0	0	0	0
California	NM	23	NM	0	0	NM	23	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	3,462	3,797	-8.8%	2,634	2,630	484	601	1	1	343	566

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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, September 2014 and September 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	33,942	35,543	-4.5%	443	271	31,613	32,981	777	716	1,109	1,576
Connecticut	8,581	9,629	-11.0%	26	9	7,968	9,075	NM	323	NM	222
Maine	2,014	2,761	-27.0%	0	0	1,235	1,484	NM	NM	750	1,251
Massachusetts	14,574	14,703	-0.9%	396	242	13,726	14,046	338	324	NM	NM
New Hampshire	3,368	3,191	5.5%	18	16	3,326	3,153	NM	NM	NM	NM
Rhode Island	5,404	5,257	2.8%	0	0	5,358	5,223	NM	NM	0	0
Vermont	3	3	-19.0%	3	3	0	0	0	0	0	0
Middle Atlantic	101,770	80,748	26.0%	10,055	9,857	90,486	69,536	595	609	634	745
New Jersey	22,455	17,995	25.0%	0	NM	22,220	17,556	NM	NM	NM	304
New York	42,132	33,635	25.0%	10,052	9,834	31,552	23,252	372	411	156	137
Pennsylvania	37,183	29,118	28.0%	NM	1	36,714	28,728	NM	NM	361	304
East North Central	37,993	31,075	22.0%	11,596	11,017	24,199	18,151	1,226	1,090	973	817
Illinois	4,330	4,975	-13.0%	NM	570	3,155	3,659	673	588	NM	158
Indiana	4,412	5,295	-17.0%	2,526	3,132	1,617	1,905	NM	NM	242	234
Michigan	7,644	7,126	7.3%	2,579	2,252	4,505	4,318	229	243	NM	313
Ohio	17,018	8,775	94.0%	3,838	2,382	12,838	6,091	NM	NM	NM	NM
Wisconsin	4,590	4,905	-6.4%	2,353	2,682	2,083	2,177	NM	NM	116	37
West North Central	8,164	14,177	-42.0%	6,852	12,014	953	1,846	NM	NM	139	174
Iowa	1,163	1,662	-30.0%	1,128	1,644	NM	NM	NM	NM	NM	NM
Kansas	1,701	2,742	-38.0%	1,640	2,648	0	0	0	0	61	NM
Minnesota	1,892	4,924	-62.0%	1,542	3,673	209	1,167	NM	NM	NM	NM
Missouri	2,945	3,684	-20.0%	2,100	2,903	744	679	99	101	NM	NM
Nebraska	NM	630	NM	NM	617	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	17	NM	0	0	0	0	NM	NM
South Dakota	NM	528	NM	NM	528	0	0	0	0	0	0
South Atlantic	175,881	172,894	1.7%	136,541	136,558	37,099	34,240	NM	NM	1,911	1,854
Delaware	5,489	4,312	27.0%	NM	5	4,603	3,827	0	0	876	480
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	96,913	96,013	0.9%	90,381	87,953	5,841	7,283	NM	NM	677	758
Georgia	28,866	26,368	9.5%	19,371	19,306	9,358	6,709	0	0	137	353
Maryland	2,170	2,926	-26.0%	0	0	1,908	2,751	NM	NM	NM	NM
North Carolina	19,681	18,399	7.0%	12,742	12,144	6,912	6,192	0	3	27	61
South Carolina	6,777	8,718	-22.0%	5,813	7,139	924	1,522	0	NM	40	57
Virginia	15,159	15,857	-4.4%	8,221	9,969	6,815	5,776	0	0	123	111
West Virginia	740	227	227.0%	2	42	738	180	0	0	0	NM
East South Central	56,619	50,874	11.0%	29,017	28,635	25,422	20,064	NM	NM	2,050	2,060
Alabama	31,802	27,377	16.0%	8,987	8,657	22,137	18,038	0	0	677	682
Kentucky	856	854	0.2%	712	627	0	79	0	0	144	NM
Mississippi	20,223	19,671	2.8%	15,770	16,496	3,284	1,947	NM	NM	1,161	1,219
Tennessee	3,737	2,972	26.0%	3,548	2,855	0	0	NM	NM	67	11
West South Central	203,923	221,938	-8.1%	59,367	74,806	108,693	110,898	530	572	35,333	35,663
Arkansas	5,438	7,015	-22.0%	893	3,407	4,426	3,490	NM	NM	118	117
Louisiana	39,817	39,029	2.0%	19,551	17,361	5,645	7,282	NM	NM	14,602	14,367
Oklahoma	15,720	23,747	-34.0%	9,947	17,153	5,710	6,532	NM	NM	46	NM
Texas	142,949	152,147	-6.0%	28,977	36,885	92,912	93,595	494	534	20,566	21,134
Mountain	66,944	65,193	2.7%	41,063	35,985	24,900	27,958	253	258	729	992
Arizona	25,055	25,440	-1.5%	11,296	10,098	13,670	15,254	NM	NM	0	0
Colorado	8,946	8,748	2.3%	4,990	4,172	3,944	4,548	2	10	NM	NM
Idaho	2,394	2,833	-15.0%	1,279	1,616	1,100	1,167	0	0	NM	49
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	18,400	15,321	20.0%	14,303	11,292	3,865	3,787	NM	NM	177	187
New Mexico	5,873	6,881	-15.0%	3,954	4,461	1,850	2,353	NM	NM	0	0
Utah	5,556	5,314	4.6%	4,766	3,880	421	796	NM	NM	330	599
Wyoming	271	208	30.0%	NM	NM	NM	NM	0	0	197	139
Pacific Contiguous	109,903	102,504	7.2%	42,464	37,337	60,308	58,100	1,160	1,133	5,972	5,934
California	87,863	84,358	4.2%	28,366	26,217	52,465	51,185	1,129	1,099	5,903	5,858
Oregon	11,007	9,014	22.0%	4,458	3,320	6,477	5,617	NM	NM	48	43
Washington	11,033	9,133	21.0%	9,640	7,801	1,366	1,298	NM	NM	22	33
Pacific Noncontiguous	2,132	2,358	-9.6%	2,094	2,322	0	0	NM	NM	NM	NM
Alaska	2,132	2,358	-9.6%	2,094	2,322	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	797,271	777,304	2.6%	339,492	348,801	403,673	373,772	5,221	4,881	48,886	49,850

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 September 2014 and September 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	271,640	303,041	-10.0%	2,972	2,312	253,170	279,670	6,578	6,547	8,920	14,512
Connecticut	78,797	87,033	-9.5%	94	67	73,674	82,041	2,997	2,931	2,032	1,993
Maine	25,004	27,157	-7.9%	0	0	18,916	15,436	NM	NM	5,855	11,499
Massachusetts	109,378	128,481	-15.0%	2,494	1,866	103,068	122,757	2,880	2,936	935	922
New Hampshire	22,918	22,936	-0.1%	359	347	22,358	22,392	NM	NM	NM	NM
Rhode Island	35,519	37,402	-5.0%	0	0	35,153	37,044	366	358	0	0
Vermont	25	32	-21.0%	25	32	0	0	0	0	0	0
Middle Atlantic	793,813	771,887	2.8%	85,943	96,777	695,493	662,132	5,784	6,040	6,594	6,939
New Jersey	176,302	161,988	8.8%	0	NM	173,089	158,119	940	1,014	2,273	2,664
New York	336,039	343,684	-2.2%	85,924	96,567	244,779	241,608	3,970	4,195	1,366	1,314
Pennsylvania	281,473	266,215	5.7%	NM	NM	277,625	262,406	874	832	2,954	2,960
East North Central	347,278	355,608	-2.3%	128,752	132,089	199,764	205,165	10,508	10,387	8,254	7,967
Illinois	36,855	50,310	-27.0%	3,131	5,023	26,059	37,728	6,030	5,979	1,634	1,580
Indiana	53,984	57,655	-6.4%	36,418	38,793	15,075	16,526	231	229	2,261	2,107
Michigan	75,434	77,900	-3.2%	21,832	22,018	48,910	50,811	1,678	1,840	3,015	3,231
Ohio	137,900	120,598	14.0%	45,352	39,201	89,635	78,501	2,225	2,242	687	654
Wisconsin	43,106	49,145	-12.0%	22,019	27,053	20,085	21,599	344	97	658	396
West North Central	80,666	110,082	-27.0%	68,995	93,492	8,750	13,824	1,638	1,400	1,283	1,366
Iowa	9,157	10,933	-16.0%	8,858	10,742	NM	NM	NM	24	NM	NM
Kansas	17,824	20,610	-14.0%	17,268	20,089	0	0	0	0	556	521
Minnesota	21,582	40,480	-47.0%	17,344	32,690	2,946	6,589	953	740	338	461
Missouri	25,672	30,496	-16.0%	19,261	22,621	5,802	7,233	596	633	NM	NM
Nebraska	3,644	4,414	-17.0%	3,522	4,269	0	0	NM	NM	NM	NM
North Dakota	NM	73	NM	NM	NM	0	0	0	0	NM	68
South Dakota	2,717	3,077	-12.0%	2,717	3,077	0	0	0	0	0	0
South Atlantic	1,449,233	1,439,133	0.7%	1,155,957	1,144,007	274,867	272,619	2,587	2,338	15,822	20,170
Delaware	37,587	39,483	-4.8%	NM	NM	32,059	31,373	0	0	5,492	8,052
District of Columbia	748	752	-0.6%	0	0	0	0	748	752	0	0
Florida	819,554	793,512	3.3%	762,097	731,137	50,978	55,404	127	NM	6,353	6,846
Georgia	213,305	220,439	-3.2%	151,456	163,567	60,082	53,771	0	0	1,766	3,101
Maryland	18,274	20,533	-11.0%	0	0	16,299	18,807	1,708	1,441	266	286
North Carolina	155,856	151,764	2.7%	107,191	99,992	48,192	51,300	2	15	472	456
South Carolina	70,003	76,395	-8.4%	60,344	65,433	9,309	10,337	NM	NM	347	622
Virginia	128,945	133,592	-3.5%	73,014	83,375	54,836	49,463	0	0	1,095	754
West Virginia	4,960	2,661	86.0%	1,818	445	3,111	2,163	0	0	31	53
East South Central	494,925	496,127	-0.2%	270,265	280,616	204,178	194,803	1,102	1,100	19,380	19,609
Alabama	255,013	258,664	-1.4%	78,517	79,920	170,327	172,072	0	0	6,169	6,673
Kentucky	24,327	14,094	73.0%	21,472	10,632	1,512	2,123	0	0	1,343	1,338
Mississippi	178,962	193,729	-7.6%	135,063	161,595	32,338	20,609	NM	NM	11,487	11,449
Tennessee	36,623	29,640	24.0%	35,213	28,468	0	0	1,029	1,024	381	148
West South Central	1,752,224	1,786,542	-1.9%	535,918	569,366	889,335	877,978	4,460	4,453	322,511	334,744
Arkansas	55,197	72,759	-24.0%	11,047	22,250	42,986	49,348	NM	NM	1,159	1,157
Louisiana	358,127	341,560	4.9%	163,499	147,401	59,188	49,965	177	184	135,263	144,011
Oklahoma	164,929	198,288	-17.0%	110,664	148,979	53,723	48,800	82	66	460	441
Texas	1,173,970	1,173,934	0.0%	250,707	250,736	733,439	729,865	4,195	4,198	185,629	189,136
Mountain	469,603	490,777	-4.3%	296,947	291,931	162,535	186,926	2,237	2,261	7,884	9,659
Arizona	151,161	162,937	-7.2%	71,434	71,200	78,954	90,950	773	787	0	0
Colorado	69,174	67,743	2.1%	39,509	37,077	29,565	30,484	39	42	61	141
Idaho	13,851	17,831	-22.0%	7,580	9,387	6,030	8,120	0	0	241	325
Montana	3,179	3,636	-13.0%	3,009	3,445	NM	NM	0	0	0	0
Nevada	124,502	138,683	-10.0%	97,091	103,575	26,295	33,072	506	486	609	1,550
New Mexico	56,564	56,654	-0.2%	37,993	37,948	18,027	18,107	544	598	0	2
Utah	48,826	40,749	20.0%	40,047	28,985	3,358	5,849	375	349	5,046	5,566
Wyoming	2,347	2,544	-7.7%	NM	NM	NM	NM	0	0	1,926	2,075
Pacific Contiguous	750,119	745,220	0.7%	271,211	269,409	415,232	412,500	10,406	10,102	53,269	53,210
California	632,057	622,887	1.5%	198,784	199,087	370,422	361,543	10,157	9,792	52,695	52,464
Oregon	62,059	69,706	-11.0%	23,618	24,763	37,884	44,209	NM	301	358	433
Washington	56,003	52,628	6.4%	48,810	45,558	6,927	6,748	NM	9	216	313
Pacific Noncontiguous	22,235	25,485	-13.0%	21,924	25,144	0	0	NM	NM	NM	328
Alaska	22,235	25,485	-13.0%	21,924	25,144	0	0	NM	NM	NM	328
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	6,431,737	6,523,903	-1.4%	2,838,883	2,905,142	3,103,325	3,105,616	45,313	44,642	444,216	468,503

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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, September 2014 and September 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	1,179	992	19.0%	0	0	1,136	948	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	350	374	-6.6%	0	0	350	374	0	0	0	0
New Hampshire	170	183	-7.0%	0	0	127	138	NM	NM	0	0
Rhode Island	484	252	92.0%	0	0	484	252	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,580	4,650	-1.5%	0	0	4,556	4,627	NM	NM	0	0
New Jersey	959	1,007	-4.8%	0	0	959	1,007	0	0	0	0
New York	1,576	1,665	-5.3%	0	0	1,576	1,665	0	0	0	0
Pennsylvania	2,045	1,978	3.4%	0	0	2,021	1,954	NM	NM	0	0
East North Central	6,203	6,562	-5.5%	721	767	5,457	5,751	0	NM	NM	NM
Illinois	1,565	1,644	-4.8%	0	0	1,565	1,644	0	0	0	0
Indiana	714	750	-4.7%	689	725	0	0	0	0	NM	NM
Michigan	1,681	1,761	-4.5%	0	0	1,681	1,761	0	0	0	0
Ohio	1,015	1,074	-5.5%	NM	NM	998	1,053	0	0	0	0
Wisconsin	1,228	1,333	-7.9%	NM	NM	1,212	1,293	0	NM	0	0
West North Central	930	1,004	-7.4%	263	305	668	699	0	0	0	0
Iowa	209	219	-4.5%	0	0	209	219	0	0	0	0
Kansas	127	133	-4.5%	0	0	127	133	0	0	0	0
Minnesota	343	370	-7.5%	NM	NM	283	297	0	0	0	0
Missouri	135	161	-16.0%	NM	111	NM	NM	0	0	0	0
Nebraska	117	121	-3.3%	117	121	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	3,559	3,800	-6.4%	449	482	2,689	2,882	212	NM	209	NM
Delaware	139	144	-3.7%	0	0	139	144	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	613	634	-3.4%	162	174	450	460	0	0	0	0
Georgia	276	290	-4.9%	0	0	234	246	NM	NM	0	0
Maryland	289	309	-6.5%	0	0	140	154	NM	NM	0	0
North Carolina	567	599	-5.3%	0	0	567	599	0	0	0	0
South Carolina	527	559	-5.7%	287	308	NM	NM	0	0	209	NM
Virginia	1,126	1,241	-9.3%	0	0	1,105	1,219	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	324	342	-5.4%	239	252	NM	NM	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	239	252	-5.2%	239	252	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	1,496	1,582	-5.4%	0	0	1,446	1,530	NM	NM	0	0
Arkansas	125	133	-5.3%	0	0	125	133	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	1,370	1,449	-5.4%	0	0	1,321	1,398	NM	NM	0	0
Mountain	341	357	-4.6%	NM	NM	267	279	0	0	0	0
Arizona	113	119	-5.2%	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	125	131	-4.5%	0	0	125	131	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,289	5,681	-6.9%	750	777	2,845	3,033	1,694	1,871	0	0
California	4,512	4,853	-7.0%	279	274	2,582	2,753	1,650	1,826	0	0
Oregon	427	447	-4.4%	141	147	243	255	NM	NM	0	0
Washington	350	381	-8.1%	331	355	NM	NM	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	23,901	24,971	-4.3%	2,496	2,661	19,148	19,840	2,023	2,228	234	NM

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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 September 2014 and September 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	9,228	8,716	5.9%	0	0	8,786	8,244	442	472	0	0
Connecticut	577	576	0.0%	0	0	577	576	0	0	0	0
Maine	504	503	0.1%	0	0	504	503	0	0	0	0
Massachusetts	3,259	3,282	-0.7%	0	0	3,259	3,282	0	0	0	0
New Hampshire	1,626	1,659	-2.0%	0	0	1,184	1,187	442	472	0	0
Rhode Island	2,732	2,165	26.0%	0	0	2,732	2,165	0	0	0	0
Vermont	532	531	0.1%	0	0	532	531	0	0	0	0
Middle Atlantic	41,128	42,161	-2.5%	0	0	40,892	41,912	236	NM	0	0
New Jersey	8,887	8,915	-0.3%	0	0	8,887	8,915	0	0	0	0
New York	13,696	14,560	-5.9%	0	0	13,696	14,560	0	0	0	0
Pennsylvania	18,545	18,687	-0.8%	0	0	18,310	18,437	236	NM	0	0
East North Central	51,424	57,826	-11.0%	5,907	6,688	45,117	50,690	NM	NM	256	NM
Illinois	14,114	14,418	-2.1%	0	0	14,114	14,418	0	0	0	0
Indiana	5,831	6,606	-12.0%	5,575	6,352	0	0	0	0	256	NM
Michigan	15,490	15,480	0.1%	0	0	15,490	15,480	0	0	0	0
Ohio	4,692	9,383	-50.0%	167	170	4,524	9,213	0	0	0	0
Wisconsin	11,298	11,939	-5.4%	164	167	10,989	11,578	NM	NM	0	0
West North Central	8,704	8,716	-0.1%	2,542	2,558	6,162	6,159	0	0	0	0
Iowa	1,935	1,936	0.0%	0	0	1,935	1,936	0	0	0	0
Kansas	1,173	1,171	0.1%	0	0	1,173	1,171	0	0	0	0
Minnesota	3,200	3,204	-0.1%	592	598	2,608	2,606	0	0	0	0
Missouri	1,327	1,337	-0.7%	881	892	446	445	0	0	0	0
Nebraska	1,069	1,068	0.1%	1,069	1,068	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	33,249	33,337	-0.3%	4,211	4,116	24,971	24,967	2,055	2,151	2,012	2,104
Delaware	1,273	1,271	0.1%	0	0	1,273	1,271	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	5,609	5,469	2.6%	1,541	1,443	4,068	4,025	0	0	0	0
Georgia	2,571	2,593	-0.8%	0	0	2,157	2,156	415	437	0	0
Maryland	2,744	2,809	-2.3%	0	0	1,317	1,321	1,426	1,487	0	0
North Carolina	5,230	5,236	-0.1%	0	0	5,230	5,236	0	0	0	0
South Carolina	4,983	5,078	-1.9%	2,670	2,672	301	302	0	0	2,012	2,104
Virginia	10,622	10,664	-0.4%	0	0	10,409	10,438	214	NM	0	0
West Virginia	217	217	-0.2%	0	0	217	217	0	0	0	0
East South Central	2,992	2,992	0.0%	2,204	2,204	787	788	0	0	0	0
Alabama	208	208	0.0%	0	0	208	208	0	0	0	0
Kentucky	2,204	2,204	0.0%	2,204	2,204	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	580	580	0.0%	0	0	580	580	0	0	0	0
West South Central	13,899	13,940	-0.3%	0	0	13,376	13,376	523	564	0	0
Arkansas	1,159	1,159	0.0%	0	0	1,159	1,159	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	12,740	12,781	-0.3%	0	0	12,217	12,217	523	564	0	0
Mountain	3,138	3,136	0.1%	682	682	2,456	2,454	0	0	0	0
Arizona	1,045	1,044	0.0%	682	682	363	363	0	0	0	0
Colorado	521	520	0.1%	0	0	521	520	0	0	0	0
Idaho	421	421	0.1%	0	0	421	421	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	1,151	1,150	0.1%	0	0	1,151	1,150	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	49,956	50,314	-0.7%	6,784	6,849	26,830	26,758	16,342	16,707	0	0
California	42,715	43,044	-0.8%	2,426	2,488	24,376	24,300	15,914	16,256	0	0
Oregon	3,978	4,000	-0.6%	1,293	1,292	2,257	2,257	428	451	0	0
Washington	3,263	3,269	-0.2%	3,065	3,069	198	200	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	213,718	221,138	-3.4%	22,331	23,096	169,377	175,347	19,742	20,337	2,268	2,358

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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, September 2014 and September 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	308	300	2.7%	0	0	295	287	14	13	0	0
Connecticut	113	109	3.5%	0	0	113	109	0	0	0	0
Maine	22	21	2.0%	0	0	8	8	14	13	0	0
Massachusetts	162	158	2.1%	0	0	162	158	0	0	0	0
New Hampshire	12	12	4.6%	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	428	415	3.3%	0	0	341	326	87	88	0	0
New Jersey	112	113	-0.8%	0	0	82	82	30	31	0	0
New York	160	149	7.5%	0	0	126	115	34	34	0	0
Pennsylvania	157	153	2.3%	0	0	134	130	23	23	0	0
East North Central	22	21	2.8%	2	3	0	0	20	18	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-3.3%	0	0	0	0	1	1	0	0
Michigan	19	17	9.7%	0	0	0	0	19	17	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	2	3	-38.0%	2	3	0	0	0	0	0	0
West North Central	54	52	2.6%	36	35	17	17	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	54	52	2.6%	36	35	17	17	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	425	422	0.6%	0	0	395	391	29	31	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	273	278	-1.9%	0	0	273	278	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	71	64	12.0%	0	0	71	64	NM	NM	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	81	80	0.6%	0	0	52	50	29	31	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	0	22.0%	0	0	0	0	0	0	1	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	0	22.0%	0	0	0	0	0	0	1	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	NM	NM	NM	0	0	NM	NM	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	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	62	61	1.1%	0	0	62	61	0	0	0	0
California	41	41	0.1%	0	0	41	41	0	0	0	0
Oregon	8	8	4.0%	0	0	8	8	0	0	0	0
Washington	13	12	2.8%	0	0	13	12	0	0	0	0
Pacific Noncontiguous	32	31	2.1%	0	0	0	0	32	31	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	32	31	2.1%	0	0	0	0	32	31	0	0
U.S. Total	1,332	1,304	2.2%	38	38	1,111	1,082	183	183	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.
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 September 2014 and September 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	2,814	2,744	2.6%	0	0	2,686	2,612	128	132	0	0
Connecticut	1,034	1,002	3.2%	0	0	1,034	1,002	0	0	0	0
Maine	198	201	-1.7%	0	0	70	69	128	132	0	0
Massachusetts	1,472	1,431	2.8%	0	0	1,472	1,431	0	0	0	0
New Hampshire	111	109	1.4%	0	0	111	109	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,747	3,741	0.2%	0	0	2,963	2,946	784	795	0	0
New Jersey	980	967	1.3%	0	0	723	708	257	259	0	0
New York	1,396	1,383	0.9%	0	0	1,074	1,051	322	332	0	0
Pennsylvania	1,371	1,390	-1.4%	0	0	1,166	1,186	205	204	0	0
East North Central	182	178	2.3%	25	26	0	0	157	152	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	8	8	-1.6%	0	0	0	0	8	8	0	0
Michigan	149	144	3.4%	0	0	0	0	149	144	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	25	26	-2.4%	25	26	0	0	0	0	0	0
West North Central	473	475	-0.3%	311	315	151	149	11	11	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	473	475	-0.3%	311	315	151	149	11	11	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	3,791	3,865	-1.9%	0	0	3,514	3,586	277	279	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	2,416	2,534	-4.7%	0	0	2,416	2,534	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	604	580	4.1%	0	0	604	580	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	772	751	2.8%	0	0	495	472	277	279	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	6	6	3.8%	0	0	0	0	0	0	6	6
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	6	6	3.8%	0	0	0	0	0	0	6	6
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	2	2	-1.3%	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	-1.3%	0	0	2	2	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	546	551	-1.0%	0	0	546	551	0	0	0	0
California	361	369	-2.1%	0	0	361	369	0	0	0	0
Oregon	70	69	1.4%	0	0	70	69	0	0	0	0
Washington	114	113	1.3%	0	0	114	113	0	0	0	0
Pacific Noncontiguous	293	277	5.8%	0	0	0	0	293	277	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	293	277	5.8%	0	0	0	0	293	277	0	0
U.S. Total	11,854	11,838	0.1%	336	341	9,863	9,845	1,649	1,646	6	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.
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 - September 2014

	Electric Power Sector			Electric Utilities			Independent Power Producers		
Period	Coal (Thousand Tons)	Petroluem Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroluem Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroluem 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

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, September 2014 and 2013

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	September 2014	September 2013	Percentage Change	September 2014	September 2013	Percentage Change	September 2014	September 2013	Percentage Change
New England	W	1,145	W	3,349	3,088	8.5%	0	0	--
Connecticut	W	W	W	1,310	1,165	12.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	W	W	1,261	1,238	1.9%	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	40	-45.0%	0	0	--
Middle Atlantic	7,565	5,689	33.0%	4,382	4,687	-6.5%	W	W	W
New Jersey	814	953	-15.0%	563	822	-32.0%	0	0	--
New York	660	499	32.0%	2,893	3,100	-6.7%	0	0	--
Pennsylvania	6,091	4,236	44.0%	926	765	21.0%	W	W	W
East North Central	26,637	29,421	-9.5%	1,160	1,101	5.4%	80	108	-26.0%
Illinois	6,867	6,339	8.3%	80	94	-15.0%	0	0	--
Indiana	7,129	8,513	-16.0%	184	102	80.0%	0	0	--
Michigan	4,891	5,702	-14.0%	370	409	-9.4%	W	W	W
Ohio	5,157	4,993	3.3%	307	277	11.0%	W	W	W
Wisconsin	2,594	3,873	-33.0%	218	219	-0.2%	W	W	W
West North Central	17,839	25,220	-29.0%	899	958	-6.1%	0	0	--
Iowa	4,059	7,188	-44.0%	141	135	4.5%	0	0	--
Kansas	2,660	3,164	-16.0%	145	159	-8.7%	0	0	--
Minnesota	W	W	W	131	152	-14.0%	0	0	--
Missouri	4,866	7,980	-39.0%	279	284	-1.9%	0	0	--
Nebraska	2,701	3,041	-11.0%	108	117	-7.4%	0	0	--
North Dakota	1,577	1,212	30.0%	33	38	-13.0%	0	0	--
South Dakota	W	W	W	62	73	-15.0%	0	0	--
South Atlantic	24,581	32,200	-24.0%	11,924	12,689	-6.0%	W	W	W
Delaware	W	W	W	237	370	-36.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	5,227	W	6,015	6,480	-7.2%	W	W	W
Georgia	4,489	8,147	-45.0%	861	903	-4.6%	0	0	--
Maryland	1,416	1,380	2.6%	674	762	-12.0%	0	0	--
North Carolina	W	5,508	W	1,136	1,087	4.4%	0	0	--
South Carolina	3,536	5,284	-33.0%	668	597	12.0%	0	0	--
Virginia	W	W	W	2,174	2,347	-7.4%	0	0	--
West Virginia	3,838	5,139	-25.0%	160	144	12.0%	W	W	W
East South Central	14,140	16,021	-12.0%	1,854	1,998	-7.2%	W	W	W
Alabama	3,425	4,134	-17.0%	263	309	-15.0%	0	0	--
Kentucky	7,124	7,278	-2.1%	252	260	-3.1%	W	W	W
Mississippi	642	1,510	-57.0%	581	569	2.2%	0	0	--
Tennessee	2,948	3,098	-4.8%	758	860	-12.0%	0	0	--
West South Central	15,860	24,091	-34.0%	1,953	2,323	-16.0%	W	W	W
Arkansas	2,101	2,515	-16.0%	W	227	W	0	0	--
Louisiana	2,853	3,570	-20.0%	436	647	-33.0%	W	W	W
Oklahoma	1,896	3,568	-47.0%	W	102	W	0	0	--
Texas	9,009	14,439	-38.0%	1,234	1,348	-8.4%	0	W	W
Mountain	14,560	16,959	-14.0%	571	643	-11.0%	W	W	W
Arizona	2,377	2,921	-19.0%	150	204	-27.0%	0	0	--
Colorado	2,727	3,640	-25.0%	112	120	-6.6%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	W	W	W	W	W
Nevada	801	727	10.0%	177	179	-1.0%	0	0	--
New Mexico	W	W	W	46	47	-2.3%	0	0	--
Utah	3,374	4,479	-25.0%	38	44	-14.0%	0	0	--
Wyoming	3,424	3,239	5.7%	31	31	-0.5%	0	0	--
Pacific Contiguous	W	W	W	276	381	-28.0%	0	W	W
California	W	W	W	114	185	-38.0%	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	2,034	2,347	-13.0%	0	0	--
Alaska	W	W	W	28	81	-65.0%	0	0	--
Hawaii	W	W	W	2,006	2,267	-12.0%	0	0	--
U.S. Total	124,176	152,185	-18.0%	28,403	30,215	-6.0%	389	309	26.0%

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, September 2014 and 2013

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013
Coal (Thousand Tons)							
New England	W	1,145	W	W	W	W	W
Middle Atlantic	7,565	5,689	33.0%	0	0	7,565	5,689
East North Central	26,637	29,421	-9.5%	18,779	23,123	7,858	6,298
West North Central	17,839	25,220	-29.3%	17,839	25,220	0	0
South Atlantic	24,581	32,200	-23.7%	21,440	29,482	3,141	2,718
East South Central	14,140	16,021	-11.7%	W	16,021	W	0
West South Central	15,860	24,091	-34.2%	8,907	14,088	6,952	10,004
Mountain	14,560	16,959	-14.1%	13,352	15,848	1,209	1,111
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	W	W	W	W
U.S. Total	**124,176**	**152,185**	**-18.4%**	**95,675**	**125,368**	**28,502**	**26,817**
Petroleum Liquids (Thousand Barrels)							
New England	3,349	3,088	8.5%	749	488	2,601	2,600
Middle Atlantic	4,382	4,687	-6.5%	1,462	2,039	2,920	2,647
East North Central	1,160	1,101	5.4%	W	W	W	W
West North Central	899	958	-6.1%	874	932	25	26
South Atlantic	11,924	12,689	-6.0%	10,032	10,445	1,892	2,244
East South Central	1,854	1,998	-7.2%	W	W	W	W
West South Central	1,953	2,323	-15.9%	W	W	W	W
Mountain	571	643	-11.3%	W	W	W	W
Pacific Contiguous	276	381	-27.5%	W	W	W	W
Pacific Noncontiguous	2,034	2,347	-13.4%	W	W	W	W
U.S. Total	**28,403**	**30,215**	**-6.0%**	**20,049**	**21,707**	**8,354**	**8,509**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	80	108	-26.5%	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	**389**	**309**	**25.9%**	**W**	**191**	**W**	**118**

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 - September 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

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 - September 2014

Period	Coal: Receipts (Billion Btu)	Coal: Receipts (Thousand Tons)	Coal: Average Cost (Dollars per MMBtu)	Coal: Average Cost (Dollars per Ton)	Coal: Average Sulfur Percent by Weight	Coal: Percentage of Consumption	Petroleum Liquids: Receipts (Billion Btu)	Petroleum Liquids: Receipts (Thousand Barrels)	Petroleum Liquids: Average Cost (Dollars per MMBtu)	Petroleum Liquids: Average Cost (Dollars per Barrel)	Petroleum Liquids: Average Sulfur Percent by Weight	Petroleum Liquids: 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
Year to Date												
2012	12,109,405	625,872	2.39	46.26	1.24	99.3	88,823	14,748	21.91	131.99	0.52	75.5
2013	11,704,533	603,993	2.35	45.53	1.29	90.8	89,704	14,766	20.55	124.88	0.46	75.5
2014	12,099,903	619,705	2.36	46.16	1.33	91.7	122,591	20,310	21.49	129.82	0.45	69.8
Rolling 12 Months Ending in September												
2013	15,860,706	819,304	2.35	45.55	1.28	93.2	117,818	19,481	20.81	125.90	0.47	75.7
2014	15,966,125	818,917	2.36	45.98	1.33	92.0	156,454	25,892	21.32	128.89	0.45	73.5

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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 - September 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
Year to Date												
2012	85,760	2,990	2.32	66.66	5.52	79.5	7,736,437	7,566,013	3.24	3.32	92.1	2.79
2013	96,078	3,367	2.21	63.05	5.40	73.4	6,644,810	6,482,374	4.30	4.41	90.2	3.10
2014	105,146	3,702	1.99	56.49	5.58	91.1	6,574,330	6,391,670	5.21	5.35	90.1	3.41
Rolling 12 Months Ending in September												
2013	129,985	4,557	W	W	5.46	77.9	8,655,064	8,447,750	4.25	4.36	90.4	W
2014	138,805	4,889	W	W	5.56	88.8	8,607,064	8,372,599	5.02	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 - September 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
Year to Date												
2012	8,929,544	455,398	2.43	47.73	1.19	98.9	66,480	10,997	22.15	133.88	0.42	81.3
2013	8,633,461	441,132	2.38	46.64	1.23	91.3	58,473	9,579	20.88	127.48	0.43	76.3
2014	8,891,004	449,998	2.39	47.18	1.27	91.4	71,640	11,826	21.54	130.47	0.42	74.4
Rolling 12 Months Ending in September												
2013	11,643,461	595,180	2.39	46.70	1.21	93.3	78,022	12,834	21.15	128.61	0.41	77.5
2014	11,737,191	595,334	2.38	46.99	1.26	91.8	91,473	15,098	21.60	130.87	0.41	76.4

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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 - September 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
Year to Date												
2012	51,384	1,773	2.41	69.80	5.43	110.5	3,238,510	3,173,802	3.57	3.64	97.5	2.84
2013	72,361	2,525	2.16	61.98	5.27	96.0	2,879,790	2,817,157	4.47	4.57	97.0	2.99
2014	90,180	3,169	1.93	54.78	5.58	120.3	2,833,971	2,760,319	5.33	5.47	97.2	3.19
Rolling 12 Months Ending in September												
2013	93,759	3,273	2.14	61.15	5.33	104.6	3,724,858	3,646,812	4.44	4.54	97.2	2.97
2014	116,907	4,107	1.93	54.79	5.57	120.3	3,691,129	3,597,788	5.16	5.29	97.1	3.14

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Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - September 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
Year to Date												
2012	2,962,610	160,414	2.21	40.87	1.40	104.3	16,754	2,839	22.67	133.87	0.43	77.3
2013	2,922,431	156,292	2.21	41.32	1.49	94.0	29,483	4,904	20.01	120.41	0.44	100.0
2014	3,055,026	162,896	2.26	42.40	1.51	97.2	49,473	8,244	21.51	129.31	0.46	78.1
Rolling 12 Months Ending in September												
2013	3,996,257	214,220	2.21	41.25	1.48	97.2	36,651	6,138	W	W	0.45	96.9
2014	4,023,294	214,490	2.25	42.19	1.50	97.3	63,228	10,509	W	W	0.46	86.1

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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 - September 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
Year to Date												
2012	17,514	610	0.92	26.88	5.51	91.3	3,861,725	3,772,065	2.99	3.06	94.1	2.66
2013	11,629	413	W	W	5.39	60.6	3,207,940	3,124,293	4.22	4.34	93.2	W
2014	10,374	369	W	W	5.38	67.6	3,201,299	3,109,114	5.19	5.34	92.7	W
Rolling 12 Months Ending in September												
2013	17,139	605	W	W	5.40	68.4	4,156,768	4,048,865	4.15	4.26	93.0	W
2014	14,894	530	W	W	5.38	68.7	4,184,073	4,065,605	4.98	5.12	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 - September 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
Year to Date												
2012	3,377	146	3.57	82.70	2.60	13.5	168	30	W	W	0.00	9.6
2013	2,989	129	W	W	2.98	12.1	0	0	--	--	--	0.0
2014	2,940	127	W	W	2.65	12.5	0	0	--	--	--	0.0
Rolling 12 Months Ending in September												
2013	4,039	175	W	W	3.05	12.2	78	14	W	W	0.00	3.2
2014	3,458	150	W	W	2.78	10.9	0	0	--	--	--	0.0

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Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commerical Sector, 2004 - September 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
Year to Date												
2012	0	0	--	--	--	0.0	13,291	13,072	5.83	5.93	15.2	W
2013	0	0	--	--	--	0.0	3,736	3,705	W	W	4.7	W
2014	0	0	--	--	--	0.0	4,073	4,035	W	W	5.1	W
Rolling 12 Months Ending in September												
2013	0	0	--	--	--	0.0	8,760	8,641	W	W	8.3	W
2014	0	0	--	--	--	0.0	5,834	5,781	W	W	5.4	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 - September 2014

Period	Coal Receipts (Billion Btu)	Coal Receipts (Thousand Tons)	Coal Average Cost (Dollars per MMBtu)	Coal Average Cost (Dollars per Ton)	Coal Average Sulfur Percent by Weight	Coal Percentage of Consumption	Petroleum Liquids Receipts (Billion Btu)	Petroleum Liquids Receipts (Thousand Barrels)	Petroleum Liquids Average Cost (Dollars per MMBtu)	Petroleum Liquids Average Cost (Dollars per Barrel)	Petroleum Liquids Average Sulfur Percent by Weight	Petroleum Liquids 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
Year to Date												
2012	213,874	9,915	3.01	65.00	1.34	65.8	5,420	883	W	W	1.49	43.2
2013	145,651	6,440	W	W	1.48	44.3	1,748	283	18.24	112.52	1.72	16.2
2014	150,932	6,684	W	W	1.53	46.0	1,478	240	18.62	114.88	1.51	12.1
Rolling 12 Months Ending in September												
2013	216,950	9,730	W	W	1.42	49.9	3,067	495	W	W	1.66	20.7
2014	202,182	8,943	W	W	1.55	45.6	1,754	285	W	W	1.45	11.5

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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 - September 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
Year to Date												
2012	16,862	607	2.67	74.21	5.77	41.0	622,911	607,075	2.77	2.85	70.2	W
2013	12,088	429	W	W	6.17	33.8	553,343	537,219	W	W	63.0	W
2014	4,593	164	W	W	5.86	18.8	534,986	518,202	W	W	63.0	W
Rolling 12 Months Ending in September												
2013	19,087	679	W	W	6.14	37.3	764,678	743,432	W	W	65.4	W
2014	7,004	252	W	W	5.79	19.3	726,028	703,425	W	W	63.0	W

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

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	2	118	-98.0%	0	61	0	56	0	0	2	2
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	2	3	-15.0%	0	0	0	1	0	0	2	2
Massachusetts	0	55	-100.0%	0	0	0	55	0	0	0	0
New Hampshire	0	61	-100.0%	0	61	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	2,985	3,093	-3.5%	0	0	2,949	3,064	0	0	37	29
New Jersey	68	95	-29.0%	0	0	68	95	0	0	0	0
New York	178	136	31.0%	0	0	153	111	0	0	25	24
Pennsylvania	2,739	2,862	-4.3%	0	0	2,727	2,858	0	0	12	5
East North Central	15,752	15,937	-1.2%	10,657	10,241	4,848	5,436	8	1	239	259
Illinois	4,615	5,320	-13.0%	429	506	4,043	4,647	0	0	142	167
Indiana	3,322	2,927	13.0%	3,085	2,786	237	140	0	0	0	0
Michigan	2,580	2,491	3.6%	2,551	2,458	12	24	8	1	10	7
Ohio	3,159	3,140	0.6%	2,584	2,502	556	625	0	0	18	14
Wisconsin	2,077	2,059	0.9%	2,008	1,989	0	0	0	0	69	70
West North Central	10,505	10,979	-4.3%	10,400	10,871	0	0	6	5	100	102
Iowa	1,381	1,615	-15.0%	1,281	1,514	0	0	0	0	100	102
Kansas	1,446	1,688	-14.0%	1,446	1,688	0	0	0	0	0	0
Minnesota	1,324	1,025	29.0%	1,324	1,025	0	0	0	0	0	0
Missouri	3,278	3,613	-9.3%	3,272	3,608	0	0	6	5	0	0
Nebraska	1,208	1,272	-5.1%	1,208	1,272	0	0	0	0	0	0
North Dakota	1,714	1,608	6.6%	1,714	1,608	0	0	0	0	0	0
South Dakota	156	156	-0.2%	156	156	0	0	0	0	0	0
South Atlantic	11,163	9,641	16.0%	9,073	7,631	1,954	1,884	0	0	136	126
Delaware	0	57	-100.0%	0	0	0	57	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,119	1,685	26.0%	2,058	1,607	61	78	0	0	0	0
Georgia	1,968	1,903	3.4%	1,947	1,870	0	0	0	0	21	33
Maryland	682	619	10.0%	0	0	657	599	0	0	25	20
North Carolina	1,654	1,256	32.0%	1,654	1,256	0	0	0	0	0	0
South Carolina	1,174	773	52.0%	1,158	771	0	0	0	0	17	2
Virginia	739	961	-23.0%	665	878	45	43	0	0	29	40
West Virginia	2,828	2,387	18.0%	1,592	1,248	1,190	1,107	0	0	45	32
East South Central	7,362	7,015	4.9%	7,125	6,576	116	320	0	0	121	120
Alabama	1,807	1,885	-4.2%	1,807	1,885	0	0	0	0	0	0
Kentucky	3,333	3,209	3.9%	3,333	3,209	0	0	0	0	0	0
Mississippi	477	546	-13.0%	361	227	116	320	0	0	0	0
Tennessee	1,746	1,376	27.0%	1,625	1,256	0	0	0	0	121	120
West South Central	13,292	13,142	1.1%	7,008	6,269	6,279	6,873	0	0	5	0
Arkansas	1,615	1,669	-3.2%	1,448	1,472	161	197	0	0	5	0
Louisiana	1,458	1,277	14.0%	780	638	677	639	0	0	0	0
Oklahoma	1,581	1,132	40.0%	1,483	1,056	98	75	0	0	0	0
Texas	8,638	9,065	-4.7%	3,295	3,103	5,343	5,962	0	0	0	0
Mountain	8,795	8,025	9.6%	7,820	7,396	937	604	0	0	38	24
Arizona	1,968	1,701	16.0%	1,968	1,701	0	0	0	0	0	0
Colorado	1,422	1,318	7.9%	1,422	1,318	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	862	558	54.0%	0	0	862	558	0	0	0	0
Nevada	232	238	-2.6%	157	192	75	46	0	0	0	0
New Mexico	1,023	1,132	-9.6%	1,023	1,132	0	0	0	0	0	0
Utah	1,121	1,048	6.9%	1,083	1,024	0	0	0	0	38	24
Wyoming	2,168	2,030	6.8%	2,168	2,030	0	0	0	0	0	0
Pacific Contiguous	664	824	-19.0%	220	221	390	537	0	0	54	66
California	63	66	-3.9%	0	0	10	0	0	0	54	66
Oregon	220	221	-0.6%	220	221	0	0	0	0	0	0
Washington	381	537	-29.0%	0	0	381	537	0	0	0	0
Pacific Noncontiguous	63	63	-0.1%	0	0	63	63	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	63	63	-0.1%	0	0	63	63	0	0	0	0
U.S. Total	70,584	68,838	2.5%	52,303	49,265	17,536	18,838	13	6	732	728

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	2,189	2,199	-0.4%	436	611	1,729	1,566	0	0	24	21
Connecticut	470	237	98.0%	0	0	470	237	0	0	0	0
Maine	68	47	45.0%	0	0	44	26	0	0	24	21
Massachusetts	1,045	1,303	-20.0%	0	0	1,045	1,303	0	0	0	0
New Hampshire	436	611	-29.0%	436	611	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	28,764	28,036	2.6%	0	0	28,416	27,724	0	0	348	312
New Jersey	809	825	-2.0%	0	0	809	825	0	0	0	0
New York	2,440	2,055	19.0%	0	0	2,207	1,804	0	0	233	251
Pennsylvania	25,515	25,156	1.4%	0	0	25,400	25,095	0	0	115	61
East North Central	143,020	137,738	3.8%	92,999	90,933	47,797	44,656	62	58	2,161	2,092
Illinois	45,569	44,028	3.5%	3,897	4,797	40,232	37,829	0	0	1,439	1,402
Indiana	30,419	27,047	12.0%	28,350	25,237	2,070	1,810	0	0	0	0
Michigan	20,837	21,129	-1.4%	20,529	20,863	177	126	62	58	69	83
Ohio	30,117	28,586	5.4%	24,590	23,514	5,319	4,890	0	0	209	183
Wisconsin	16,078	16,947	-5.1%	15,633	16,523	0	0	0	0	444	424
West North Central	97,347	97,536	-0.2%	96,322	96,509	0	0	65	71	961	955
Iowa	12,935	14,570	-11.0%	11,974	13,615	0	0	0	0	961	955
Kansas	13,726	13,999	-1.9%	13,726	13,999	0	0	0	0	0	0
Minnesota	11,249	8,879	27.0%	11,249	8,879	0	0	0	0	0	0
Missouri	30,378	31,272	-2.9%	30,313	31,201	0	0	65	71	0	0
Nebraska	11,172	11,188	-0.1%	11,172	11,188	0	0	0	0	0	0
North Dakota	16,539	16,289	1.5%	16,539	16,289	0	0	0	0	0	0
South Dakota	1,349	1,339	0.7%	1,349	1,339	0	0	0	0	0	0
South Atlantic	90,481	81,246	11.0%	71,442	65,177	17,726	14,890	0	0	1,313	1,179
Delaware	453	442	2.5%	0	0	453	442	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	15,795	14,499	8.9%	15,137	13,897	659	602	0	0	0	0
Georgia	15,515	14,174	9.5%	15,178	13,906	0	0	0	0	336	268
Maryland	6,447	5,035	28.0%	0	0	6,174	4,786	0	0	273	249
North Carolina	12,360	11,426	8.2%	12,360	11,426	0	0	0	0	0	0
South Carolina	7,857	6,783	16.0%	7,705	6,683	0	0	0	0	152	99
Virginia	7,776	6,907	13.0%	6,898	6,126	632	437	0	0	246	344
West Virginia	24,278	21,981	10.0%	14,164	13,139	9,809	8,624	0	0	305	218
East South Central	65,860	63,847	3.2%	62,200	59,791	2,507	2,871	0	0	1,153	1,184
Alabama	17,698	16,235	9.0%	17,698	16,235	0	0	0	0	0	0
Kentucky	27,644	28,669	-3.6%	27,644	28,669	0	0	0	0	0	0
Mississippi	4,991	4,542	9.9%	2,484	1,671	2,507	2,871	0	0	0	0
Tennessee	15,527	14,401	7.8%	14,374	13,217	0	0	0	0	1,153	1,184
West South Central	109,274	111,420	-1.9%	55,521	56,695	53,715	54,725	0	0	38	0
Arkansas	13,613	12,666	7.5%	12,137	11,221	1,438	1,445	0	0	38	0
Louisiana	8,711	11,015	-21.0%	3,942	5,941	4,769	5,074	0	0	0	0
Oklahoma	13,450	12,837	4.8%	12,626	12,023	824	814	0	0	0	0
Texas	73,500	74,902	-1.9%	26,816	27,510	46,684	47,392	0	0	0	0
Mountain	76,474	77,298	-1.1%	69,376	70,291	6,839	6,793	0	0	259	214
Arizona	17,049	16,022	6.4%	17,049	16,022	0	0	0	0	0	0
Colorado	12,605	13,473	-6.4%	12,605	13,473	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	6,248	6,235	0.2%	0	0	6,248	6,235	0	0	0	0
Nevada	2,969	1,741	71.0%	2,378	1,183	591	558	0	0	0	0
New Mexico	8,923	10,768	-17.0%	8,923	10,768	0	0	0	0	0	0
Utah	9,945	10,498	-5.3%	9,686	10,284	0	0	0	0	259	214
Wyoming	18,735	18,562	0.9%	18,735	18,562	0	0	0	0	0	0
Pacific Contiguous	5,750	4,128	39.0%	1,703	1,124	3,622	2,521	0	0	426	482
California	609	630	-3.4%	0	0	183	148	0	0	426	482
Oregon	1,703	1,124	51.0%	1,703	1,124	0	0	0	0	0	0
Washington	3,439	2,373	45.0%	0	0	3,439	2,373	0	0	0	0
Pacific Noncontiguous	546	546	-0.1%	0	0	546	546	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	546	546	-0.1%	0	0	546	546	0	0	0	0
U.S. Total	619,705	603,993	2.6%	449,998	441,132	162,896	156,292	127	129	6,684	6,440

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

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

Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, September 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	316	468	-32.0%	172	21	144	446	0	0	0	2
Connecticut	101	40	152.0%	0	0	101	40	0	0	0	0
Maine	1	210	-100.0%	0	0	1	209	0	0	0	2
Massachusetts	109	217	-50.0%	67	20	42	197	0	0	0	0
New Hampshire	105	1	NM	105	1	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	193	71	172.0%	6	3	186	68	0	0	1	0
New Jersey	10	1	709.0%	0	0	10	1	0	0	0	0
New York	103	52	96.0%	6	3	96	49	0	0	1	0
Pennsylvania	80	17	361.0%	0	0	80	17	0	0	0	0
East North Central	71	91	-22.0%	49	44	19	44	0	0	2	3
Illinois	20	8	158.0%	5	3	14	5	0	0	0	0
Indiana	14	20	-32.0%	14	20	0	0	0	0	0	0
Michigan	16	12	35.0%	16	11	0	0	0	0	0	1
Ohio	18	49	-64.0%	11	8	5	39	0	0	2	2
Wisconsin	3	2	64.0%	3	2	0	0	0	0	0	0
West North Central	37	30	25.0%	37	30	0	0	0	0	0	0
Iowa	3	5	-30.0%	3	5	0	0	0	0	0	0
Kansas	12	2	391.0%	12	2	0	0	0	0	0	0
Minnesota	2	7	-75.0%	2	7	0	0	0	0	0	0
Missouri	12	7	72.0%	12	7	0	0	0	0	0	0
Nebraska	3	1	241.0%	3	1	0	0	0	0	0	0
North Dakota	5	5	-0.5%	5	5	0	0	0	0	0	0
South Dakota	0	3	-100.0%	0	3	0	0	0	0	0	0
South Atlantic	252	119	111.0%	218	64	16	49	0	0	18	7
Delaware	2	4	-50.0%	0	0	2	4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	22	4	397.0%	22	4	0	0	0	0	0	0
Georgia	14	11	23.0%	5	6	0	0	0	0	9	5
Maryland	9	16	-45.0%	0	0	9	16	0	0	0	0
North Carolina	18	19	-5.0%	18	19	0	0	0	0	0	0
South Carolina	61	5	NM	53	4	0	0	0	0	7	1
Virginia	100	35	183.0%	93	5	6	30	0	0	1	1
West Virginia	27	25	5.6%	27	25	0	0	0	0	0	0
East South Central	32	16	94.0%	32	16	0	0	0	0	0	0
Alabama	3	4	-5.7%	3	4	0	0	0	0	0	0
Kentucky	15	10	56.0%	15	10	0	0	0	0	0	0
Mississippi	3	0	797.0%	3	0	0	0	0	0	0	0
Tennessee	10	3	280.0%	10	3	0	0	0	0	0	0
West South Central	22	11	88.0%	3	5	19	6	0	0	0	0
Arkansas	1	1	40.0%	0	0	1	1	0	0	0	0
Louisiana	3	6	-48.0%	0	5	3	1	0	0	0	0
Oklahoma	1	0	--	1	0	0	0	0	0	0	0
Texas	16	4	270.0%	2	0	14	4	0	0	0	0
Mountain	22	20	8.1%	20	19	2	1	0	0	0	0
Arizona	1	4	-66.0%	1	4	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	1	0	495.0%	0	0	1	0	0	0	0	0
Nevada	3	3	-3.0%	2	2	1	1	0	0	0	0
New Mexico	11	6	74.0%	11	6	0	0	0	0	0	0
Utah	1	2	-66.0%	1	2	0	0	0	0	0	0
Wyoming	5	5	1.2%	5	5	0	0	0	0	0	0
Pacific Contiguous	0	0	-100.0%	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	-100.0%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	738	796	-7.2%	602	590	136	206	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	738	796	-7.2%	602	590	136	206	0	0	0	0
U.S. Total	1,683	1,624	3.6%	1,138	792	523	820	0	0	22	12

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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) September 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	2,500	1,689	48.0%	505	234	1,955	1,439	0	0	39	16
Connecticut	593	147	303.0%	0	0	593	147	0	0	0	0
Maine	242	593	-59.0%	0	0	203	577	0	0	39	16
Massachusetts	1,056	715	48.0%	162	20	893	695	0	0	0	0
New Hampshire	522	214	144.0%	343	214	179	0	0	0	0	0
Rhode Island	87	20	336.0%	0	0	87	20	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	4,050	1,754	131.0%	900	427	3,138	1,309	0	0	11	18
New Jersey	243	48	410.0%	0	0	243	48	0	0	0	0
New York	2,822	1,344	110.0%	900	427	1,912	901	0	0	10	17
Pennsylvania	985	362	172.0%	0	0	984	361	0	0	1	1
East North Central	1,118	829	35.0%	728	638	355	171	0	0	34	20
Illinois	138	97	42.0%	35	31	103	66	0	0	0	0
Indiana	204	175	16.0%	204	175	0	0	0	0	0	0
Michigan	176	169	3.6%	165	160	0	0	0	0	11	9
Ohio	522	331	58.0%	251	218	250	103	0	0	22	9
Wisconsin	78	56	40.0%	74	52	2	2	0	0	2	2
West North Central	410	337	22.0%	408	337	2	0	0	0	0	0
Iowa	69	81	-14.0%	69	81	0	0	0	0	0	0
Kansas	69	67	3.4%	69	67	0	0	0	0	0	0
Minnesota	68	28	147.0%	66	28	2	0	0	0	0	0
Missouri	129	78	64.0%	129	78	0	0	0	0	0	0
Nebraska	32	24	35.0%	32	24	0	0	0	0	0	0
North Dakota	37	52	-30.0%	37	52	0	0	0	0	0	0
South Dakota	6	7	-20.0%	6	7	0	0	0	0	0	0
South Atlantic	4,506	2,117	113.0%	3,194	1,576	1,157	312	0	0	155	229
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	317	727	-56.0%	308	721	9	6	0	0	0	0
Georgia	301	197	53.0%	187	113	47	4	0	0	67	80
Maryland	779	148	426.0%	0	0	779	148	0	0	0	0
North Carolina	613	229	168.0%	602	180	11	49	0	0	0	0
South Carolina	516	206	150.0%	453	86	0	0	0	0	63	121
Virginia	1,754	392	348.0%	1,469	279	259	85	0	0	25	28
West Virginia	204	197	3.7%	175	197	29	0	0	0	0	0
East South Central	426	499	-15.0%	404	499	23	0	0	0	0	0
Alabama	112	115	-2.7%	89	115	23	0	0	0	0	0
Kentucky	166	130	28.0%	166	130	0	0	0	0	0	0
Mississippi	18	13	38.0%	18	13	0	0	0	0	0	0
Tennessee	131	241	-46.0%	131	241	0	0	0	0	0	0
West South Central	273	198	38.0%	132	67	141	131	0	0	0	0
Arkansas	25	34	-26.0%	12	11	13	23	0	0	0	0
Louisiana	103	45	129.0%	63	11	40	34	0	0	0	0
Oklahoma	15	12	25.0%	15	12	0	0	0	0	0	0
Texas	129	107	21.0%	42	33	87	74	0	0	0	0
Mountain	264	267	-1.4%	243	252	21	15	0	0	0	0
Arizona	67	70	-4.2%	67	70	0	0	0	0	0	0
Colorado	4	3	44.0%	4	3	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	18	11	69.0%	0	0	18	11	0	0	0	0
Nevada	20	24	-15.0%	17	19	3	5	0	0	0	0
New Mexico	84	68	24.0%	84	68	0	0	0	0	0	0
Utah	21	39	-46.0%	21	39	0	0	0	0	0	0
Wyoming	49	53	-7.8%	49	53	0	0	0	0	0	0
Pacific Contiguous	20	33	-40.0%	7	21	12	11	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	7	6	23.0%	7	6	0	0	0	0	0	0
Washington	12	26	-54.0%	0	15	12	11	0	0	0	0
Pacific Noncontiguous	6,743	7,043	-4.2%	5,304	5,528	1,439	1,514	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	6,743	7,043	-4.2%	5,304	5,528	1,439	1,514	0	0	0	0
U.S. Total	20,310	14,766	38.0%	11,826	9,579	8,244	4,904	0	0	240	283

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

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 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	122	24	407.0%	75	12	33	4	0	0	13	8
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	40	0	--	40	0	0	0	0	0	0	0
Michigan	29	16	83.0%	29	12	0	4	0	0	0	0
Ohio	33	0	--	0	0	33	0	0	0	0	0
Wisconsin	19	8	136.0%	6	0	0	0	0	0	13	8
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	38	165	-77.0%	24	150	0	0	0	0	14	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	24	150	-84.0%	24	150	0	0	0	0	0	0
Georgia	14	15	-3.1%	0	0	0	0	0	0	14	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	71	38	88.0%	71	38	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	71	38	88.0%	71	38	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	175	195	-10.0%	175	173	0	0	0	0	0	22
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	175	173	1.2%	175	173	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	22	-100.0%	0	0	0	0	0	0	0	22
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	406	422	-4.0%	345	373	33	4	0	0	27	45

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

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 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	1,142	558	105.0%	684	40	369	413	0	0	89	105
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	358	0	--	358	0	0	0	0	0	0	0
Michigan	297	47	534.0%	282	26	15	21	0	0	0	0
Ohio	354	392	-9.7%	0	0	354	392	0	0	0	0
Wisconsin	133	119	11.0%	43	14	0	0	0	0	89	105
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	846	951	-11.0%	771	870	0	0	0	0	74	81
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	771	870	-11.0%	771	870	0	0	0	0	0	0
Georgia	74	81	-7.9%	0	0	0	0	0	0	74	81
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	349	397	-12.0%	349	397	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	349	397	-12.0%	349	397	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	1,365	1,462	-6.6%	1,365	1,219	0	0	0	0	0	243
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,365	1,219	12.0%	1,365	1,219	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	3,702	3,367	9.9%	3,169	2,525	369	413	0	0	164	429

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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, September 2014 and 2013
(Million Cubic Feet)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	31,092	33,732	-7.8%	201	176	30,267	32,399	0	0	624	1,158
Connecticut	7,677	8,961	-14.0%	0	0	7,677	8,961	0	0	0	0
Maine	1,832	2,654	-31.0%	0	0	1,208	1,496	0	0	624	1,158
Massachusetts	12,914	13,728	-5.9%	182	159	12,732	13,569	0	0	0	0
New Hampshire	3,318	3,169	4.7%	18	16	3,299	3,153	0	0	0	0
Rhode Island	5,351	5,220	2.5%	0	0	5,351	5,220	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	96,029	75,809	27.0%	8,512	8,503	87,360	67,226	0	0	156	80
New Jersey	21,400	16,957	26.0%	0	0	21,400	16,957	0	0	0	0
New York	38,735	30,503	27.0%	8,512	8,503	30,151	21,990	0	0	71	10
Pennsylvania	35,893	28,349	27.0%	0	0	35,809	28,279	0	0	84	70
East North Central	35,227	29,253	20.0%	10,592	10,016	23,937	18,681	443	449	255	108
Illinois	2,975	3,858	-23.0%	237	539	2,736	3,316	0	0	2	4
Indiana	4,027	5,315	-24.0%	2,346	3,021	1,680	2,295	0	0	0	0
Michigan	7,409	7,073	4.7%	2,289	1,905	4,623	4,693	443	449	54	27
Ohio	16,483	8,439	95.0%	3,793	2,393	12,684	6,023	0	0	6	24
Wisconsin	4,333	4,567	-5.1%	1,927	2,158	2,213	2,355	0	0	193	53
West North Central	7,092	12,290	-42.0%	5,991	10,327	993	1,854	106	106	2	3
Iowa	1,867	1,950	-4.3%	1,867	1,947	0	0	0	0	0	3
Kansas	993	1,805	-45.0%	993	1,805	0	0	0	0	0	0
Minnesota	1,446	4,363	-67.0%	1,162	3,132	282	1,231	0	0	2	0
Missouri	2,605	3,382	-23.0%	1,789	2,654	711	623	106	106	0	0
Nebraska	156	422	-63.0%	156	422	0	0	0	0	0	0
North Dakota	16	0	--	16	0	0	0	0	0	0	0
South Dakota	8	367	-98.0%	8	367	0	0	0	0	0	0
South Atlantic	172,820	171,134	1.0%	136,165	136,710	34,400	31,940	0	0	2,255	2,484
Delaware	5,496	5,373	2.3%	0	0	4,547	3,812	0	0	949	1,561
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	94,331	93,495	0.9%	90,222	88,105	4,109	5,389	0	0	0	0
Georgia	29,057	26,635	9.1%	19,449	19,388	8,993	6,598	0	0	614	649
Maryland	1,670	2,603	-36.0%	0	0	1,667	2,564	0	0	3	39
North Carolina	19,582	18,245	7.3%	12,670	12,053	6,912	6,192	0	0	0	0
South Carolina	6,449	8,470	-24.0%	5,721	7,037	700	1,415	0	0	28	18
Virginia	15,469	16,098	-3.9%	8,089	10,100	6,721	5,780	0	0	660	217
West Virginia	767	216	255.0%	14	26	752	190	0	0	0	0
East South Central	49,953	47,849	4.4%	25,714	27,866	23,704	19,980	0	0	534	3
Alabama	28,130	25,319	11.0%	7,711	7,363	20,418	17,956	0	0	0	0
Kentucky	726	765	-5.1%	726	686	0	79	0	0	0	0
Mississippi	17,146	18,812	-8.9%	13,860	16,866	3,286	1,945	0	0	0	0
Tennessee	3,951	2,954	34.0%	3,417	2,951	0	0	0	0	534	3
West South Central	227,107	249,218	-8.9%	58,142	73,103	121,282	125,632	0	0	47,684	50,483
Arkansas	5,763	6,976	-17.0%	568	2,961	4,974	4,015	0	0	221	0
Louisiana	40,194	40,703	-1.3%	19,316	17,087	6,177	7,912	0	0	14,701	15,704
Oklahoma	15,592	23,540	-34.0%	9,946	17,094	5,646	6,446	0	0	0	0
Texas	165,559	177,999	-7.0%	28,312	35,962	104,485	107,258	0	0	32,762	34,779
Mountain	61,763	59,825	3.2%	39,195	34,205	22,528	25,590	0	0	40	30
Arizona	24,668	25,053	-1.5%	11,034	9,892	13,633	15,161	0	0	0	0
Colorado	8,296	8,147	1.8%	4,718	3,877	3,577	4,271	0	0	0	0
Idaho	2,256	2,603	-13.0%	1,181	1,470	1,075	1,134	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	16,735	13,761	22.0%	14,319	11,355	2,416	2,406	0	0	0	0
New Mexico	5,055	6,013	-16.0%	3,313	3,867	1,742	2,146	0	0	0	0
Utah	4,743	4,246	12.0%	4,618	3,743	85	474	0	0	40	30
Wyoming	11	2	459.0%	11	2	0	0	0	0	0	0
Pacific Contiguous	97,209	90,150	7.8%	37,771	33,248	55,742	53,418	0	0	3,697	3,484
California	76,148	72,811	4.6%	24,155	22,460	48,296	46,867	0	0	3,697	3,484
Oregon	10,779	8,890	21.0%	4,395	3,329	6,383	5,561	0	0	0	0
Washington	10,283	8,448	22.0%	9,220	7,459	1,063	989	0	0	0	0
Pacific Noncontiguous	1,449	1,721	-16.0%	1,449	1,721	0	0	0	0	0	0
Alaska	1,449	1,721	-16.0%	1,449	1,721	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	779,740	770,983	1.1%	323,732	335,876	400,213	376,720	548	554	55,248	57,833

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	252,702	285,829	-12.0%	1,716	1,409	246,233	273,939	0	0	4,752	10,481
Connecticut	72,339	80,698	-10.0%	0	0	72,339	80,698	0	0	0	0
Maine	23,625	25,900	-8.8%	0	0	18,872	15,419	0	0	4,752	10,481
Massachusetts	98,822	119,777	-17.0%	1,356	1,063	97,466	118,714	0	0	0	0
New Hampshire	22,791	22,739	0.2%	360	347	22,431	22,392	0	0	0	0
Rhode Island	35,126	36,715	-4.3%	0	0	35,126	36,715	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	749,693	728,282	2.9%	74,046	84,514	674,191	642,406	0	0	1,456	1,362
New Jersey	167,468	152,114	10.0%	0	0	167,468	152,114	0	0	0	0
New York	310,512	316,870	-2.0%	74,046	84,514	235,797	231,818	0	0	669	538
Pennsylvania	271,712	259,298	4.8%	0	0	270,925	258,474	0	0	787	824
East North Central	330,187	333,894	-1.1%	123,354	123,450	201,422	205,524	3,422	3,039	1,988	1,880
Illinois	25,312	35,678	-29.0%	2,708	4,684	22,571	30,949	0	0	33	45
Indiana	54,120	56,349	-4.0%	36,643	37,444	17,476	18,905	0	0	0	0
Michigan	76,734	78,917	-2.8%	20,114	19,630	52,171	55,474	3,422	3,039	1,026	774
Ohio	133,868	116,711	15.0%	45,270	39,030	88,472	77,618	0	0	125	64
Wisconsin	40,154	46,238	-13.0%	18,618	22,663	20,731	22,578	0	0	805	997
West North Central	68,287	96,463	-29.0%	57,887	81,992	9,767	13,794	613	666	19	11
Iowa	10,934	13,689	-20.0%	10,919	13,678	0	0	0	0	15	11
Kansas	10,526	13,269	-21.0%	10,526	13,269	0	0	0	0	0	0
Minnesota	18,974	36,398	-48.0%	14,775	29,262	4,195	7,137	0	0	4	0
Missouri	23,105	27,684	-17.0%	16,920	20,360	5,572	6,658	613	666	0	0
Nebraska	2,679	3,205	-16.0%	2,679	3,205	0	0	0	0	0	0
North Dakota	25	0	--	25	0	0	0	0	0	0	0
South Dakota	2,043	2,218	-7.9%	2,043	2,218	0	0	0	0	0	0
South Atlantic	1,427,182	1,423,839	0.2%	1,155,977	1,146,763	254,071	253,232	0	0	17,134	23,844
Delaware	39,372	44,388	-11.0%	0	0	31,704	31,151	0	0	7,668	13,237
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	795,911	772,885	3.0%	760,468	733,032	35,443	39,853	0	0	0	0
Georgia	216,802	224,697	-3.5%	152,067	164,284	58,922	53,297	0	0	5,813	7,116
Maryland	14,627	17,761	-18.0%	0	0	14,430	17,261	0	0	197	500
North Carolina	154,812	150,935	2.6%	106,620	99,463	48,192	51,300	0	0	0	171
South Carolina	67,292	73,370	-8.3%	60,127	65,168	6,932	7,956	0	0	234	246
Virginia	133,403	137,203	-2.8%	74,864	84,426	55,316	50,203	0	0	3,223	2,574
West Virginia	4,964	2,601	91.0%	1,833	391	3,131	2,210	0	0	0	0
East South Central	479,101	477,143	0.4%	277,445	283,089	199,531	193,954	0	0	2,125	100
Alabama	233,647	240,166	-2.7%	68,160	68,874	165,487	171,291	0	0	0	0
Kentucky	23,323	12,649	84.0%	21,811	10,527	1,512	2,123	0	0	0	0
Mississippi	184,100	195,274	-5.7%	151,568	174,734	32,532	20,540	0	0	0	0
Tennessee	38,032	29,054	31.0%	35,908	28,954	0	0	0	0	2,125	100
West South Central	1,979,320	2,022,342	-2.1%	526,015	559,685	997,370	996,437	0	0	455,934	466,220
Arkansas	58,261	73,587	-21.0%	8,914	19,300	47,908	54,287	0	0	1,440	0
Louisiana	370,707	353,923	4.7%	160,714	145,535	64,479	57,855	0	0	145,513	150,533
Oklahoma	163,931	196,272	-16.0%	110,746	148,248	53,185	48,024	0	0	0	0
Texas	1,386,420	1,398,559	-0.9%	245,640	246,601	831,799	836,271	0	0	308,981	315,687
Mountain	430,643	447,022	-3.7%	286,422	279,266	143,744	167,310	0	0	478	445
Arizona	149,476	160,157	-6.7%	70,815	69,865	78,661	90,293	0	0	0	0
Colorado	65,779	62,794	4.8%	38,131	34,490	27,648	28,303	0	0	0	0
Idaho	12,653	16,245	-22.0%	6,820	8,425	5,833	7,821	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	111,412	125,896	-12.0%	97,862	104,909	13,550	20,987	0	0	0	0
New Mexico	50,369	49,981	0.8%	33,336	33,533	17,032	16,447	0	0	0	0
Utah	40,874	31,888	28.0%	39,378	27,984	1,018	3,460	0	0	478	445
Wyoming	80	60	33.0%	80	60	0	0	0	0	0	0
Pacific Contiguous	660,077	649,366	1.6%	242,977	238,793	382,784	377,696	0	0	34,315	32,876
California	548,264	535,766	2.3%	173,123	173,106	340,826	329,784	0	0	34,315	32,876
Oregon	61,311	69,165	-11.0%	23,450	24,909	37,861	44,256	0	0	0	0
Washington	50,502	44,435	14.0%	46,404	40,779	4,098	3,656	0	0	0	0
Pacific Noncontiguous	14,478	18,195	-20.0%	14,478	18,195	0	0	0	0	0	0
Alaska	14,478	18,195	-20.0%	14,478	18,195	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	6,391,670	6,482,374	-1.4%	2,760,319	2,817,157	3,109,114	3,124,293	4,035	3,705	518,202	537,219

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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, September 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013
New England	W	W	W	--	4.33	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	--	W	W	--	--	--	W
New Hampshire	--	4.33	--	--	4.33	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.50	2.57	-2.7%	--	--	2.50	2.57
New Jersey	W	3.98	W	--	--	W	3.98
New York	W	3.04	W	--	--	W	3.04
Pennsylvania	2.44	2.50	-2.4%	--	--	2.44	2.50
East North Central	2.33	2.25	3.6%	2.43	2.40	2.09	1.93
Illinois	2.03	1.85	9.7%	2.16	2.04	2.02	1.82
Indiana	W	W	W	2.59	2.55	W	W
Michigan	W	W	W	2.55	2.59	W	W
Ohio	W	W	W	2.26	2.19	W	W
Wisconsin	2.31	2.32	-0.4%	2.31	2.32	--	--
West North Central	1.81	1.75	3.4%	1.81	1.75	--	--
Iowa	1.63	1.61	1.2%	1.63	1.61	--	--
Kansas	1.81	1.79	1.1%	1.81	1.79	--	--
Minnesota	1.99	1.99	0.0%	1.99	1.99	--	--
Missouri	2.04	1.89	7.9%	2.04	1.89	--	--
Nebraska	1.39	1.37	1.5%	1.39	1.37	--	--
North Dakota	1.60	1.65	-3.0%	1.60	1.65	--	--
South Dakota	2.02	1.97	2.5%	2.02	1.97	--	--
South Atlantic	3.10	3.17	-2.2%	3.22	3.30	2.57	2.67
Delaware	--	W	W	--	--	--	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.29	3.37	W	W
Georgia	3.19	3.02	5.6%	3.19	3.02	--	--
Maryland	2.86	3.28	-13.0%	--	--	2.86	3.28
North Carolina	3.63	3.97	-8.6%	3.63	3.97	--	--
South Carolina	3.61	3.73	-3.2%	3.61	3.73	--	--
Virginia	W	W	W	3.21	3.05	W	W
West Virginia	2.38	2.44	-2.5%	2.46	2.75	2.27	2.10
East South Central	W	W	W	2.49	2.49	W	W
Alabama	2.66	2.83	-6.0%	2.66	2.83	--	--
Kentucky	2.36	2.31	2.2%	2.36	2.31	--	--
Mississippi	W	W	W	3.20	3.66	W	W
Tennessee	2.44	2.27	7.5%	2.44	2.27	--	--
West South Central	2.11	2.07	1.9%	2.15	2.25	2.06	1.88
Arkansas	W	W	W	2.42	2.42	W	W
Louisiana	W	W	W	2.34	2.99	W	W
Oklahoma	W	W	W	1.98	2.00	W	W
Texas	2.06	1.93	6.7%	2.06	2.11	2.05	1.83
Mountain	W	W	W	2.00	2.00	W	W
Arizona	2.09	2.06	1.5%	2.09	2.06	--	--
Colorado	2.07	1.89	9.5%	2.07	1.89	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.58	2.89	W	W
New Mexico	2.41	2.37	1.7%	2.41	2.37	--	--
Utah	2.06	2.14	-3.7%	2.06	2.14	--	--
Wyoming	1.58	1.62	-2.5%	1.58	1.62	--	--
Pacific Contiguous	W	W	W	2.49	1.97	W	W
California	W	--	W	--	--	W	--
Oregon	2.49	1.97	26.0%	2.49	1.97	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.36	2.33	1.3%	2.41	2.38	2.21	2.20

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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) September 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	3.56	3.80	-6.3%	4.30	4.27	3.35	3.59
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	2.66	2.59	2.7%	--	--	2.66	2.59
New Jersey	3.84	3.81	0.8%	--	--	3.84	3.81
New York	3.02	2.98	1.3%	--	--	3.02	2.98
Pennsylvania	2.59	2.52	2.8%	--	--	2.59	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%	2.09	2.08	1.98	1.85
Indiana	W	W	W	2.58	2.54	W	W
Michigan	W	W	W	2.59	2.69	W	W
Ohio	W	W	W	2.29	2.23	W	W
Wisconsin	2.33	2.32	0.4%	2.33	2.32	--	--
West North Central	1.79	1.76	1.7%	1.79	1.76	--	--
Iowa	1.64	1.62	1.2%	1.64	1.62	--	--
Kansas	1.79	1.79	0.0%	1.79	1.79	--	--
Minnesota	1.96	2.01	-2.5%	1.96	2.01	--	--
Missouri	2.00	1.91	4.7%	2.00	1.91	--	--
Nebraska	1.40	1.43	-2.1%	1.40	1.43	--	--
North Dakota	1.55	1.55	0.0%	1.55	1.55	--	--
South Dakota	2.09	2.00	4.5%	2.09	2.00	--	--
South Atlantic	3.10	3.23	-4.0%	3.22	3.34	2.64	2.78
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.34	3.43	W	W
Georgia	3.14	3.17	-0.9%	3.14	3.17	--	--
Maryland	W	3.48	W	--	--	W	3.48
North Carolina	3.61	3.88	-7.0%	3.61	3.88	--	--
South Carolina	3.64	3.77	-3.4%	3.64	3.77	--	--
Virginia	W	W	W	3.21	3.27	W	W
West Virginia	2.42	2.49	-2.8%	2.59	2.71	2.18	2.17
East South Central	W	W	W	2.52	2.53	W	W
Alabama	2.74	2.80	-2.1%	2.74	2.80	--	--
Kentucky	2.36	2.35	0.4%	2.36	2.35	--	--
Mississippi	W	W	W	3.30	3.96	W	W
Tennessee	2.46	2.41	2.1%	2.46	2.41	--	--
West South Central	2.07	2.09	-1.0%	2.16	2.26	1.96	1.91
Arkansas	W	W	W	2.39	2.38	W	W
Louisiana	W	W	W	2.42	2.90	W	W
Oklahoma	W	W	W	1.97	2.03	W	W
Texas	2.01	1.98	1.5%	2.11	2.17	1.94	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	2.44	2.71	W	W
New Mexico	2.39	2.31	3.5%	2.39	2.31	--	--
Utah	2.07	2.03	2.0%	2.07	2.03	--	--
Wyoming	1.58	1.51	4.6%	1.58	1.51	--	--
Pacific Contiguous	W	W	W	2.49	1.95	W	W
California	W	W	W	--	--	W	W
Oregon	2.49	1.95	28.0%	2.49	1.95	--	--
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%	2.39	2.38	2.26	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, September 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013
New England	W	W	W	16.87	21.98	W	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	20.17	21.95	W	W
New Hampshire	14.96	22.68	-34.0%	14.96	22.68	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	19.48	20.61	-5.5%	22.71	24.37	19.37	20.44
New Jersey	W	W	W	--	--	W	W
New York	W	W	W	22.71	24.37	W	W
Pennsylvania	W	23.60	W	--	--	W	23.60
East North Central	21.43	23.32	-8.1%	21.31	23.14	21.74	23.49
Illinois	21.83	W	W	22.06	23.72	21.75	W
Indiana	21.46	22.99	-6.7%	21.46	22.99	--	--
Michigan	20.54	22.94	-10.0%	20.54	22.94	--	--
Ohio	21.67	W	W	21.65	23.37	21.70	W
Wisconsin	22.18	24.31	-8.8%	22.18	24.31	--	--
West North Central	20.92	23.40	-11.0%	20.92	23.40	--	--
Iowa	20.55	23.02	-11.0%	20.55	23.02	--	--
Kansas	20.61	21.88	-5.8%	20.61	21.88	--	--
Minnesota	21.21	23.77	-11.0%	21.21	23.77	--	--
Missouri	20.60	23.55	-13.0%	20.60	23.55	--	--
Nebraska	21.26	23.75	-10.0%	21.26	23.75	--	--
North Dakota	22.21	23.76	-6.5%	22.21	23.76	--	--
South Dakota	--	23.33	--	--	23.33	--	--
South Atlantic	20.93	23.00	-9.0%	20.92	22.91	21.17	23.11
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	21.94	23.47	W	W
Georgia	21.52	24.05	-11.0%	21.52	24.05	--	--
Maryland	20.48	W	W	--	--	20.48	W
North Carolina	20.70	22.56	-8.2%	20.70	22.56	--	--
South Carolina	20.52	23.61	-13.0%	20.52	23.61	--	--
Virginia	W	W	W	20.69	21.81	W	W
West Virginia	21.69	22.89	-5.2%	21.69	22.89	--	--
East South Central	20.79	23.17	-10.0%	20.79	23.17	--	--
Alabama	21.29	23.52	-9.5%	21.29	23.52	--	--
Kentucky	21.03	23.15	-9.2%	21.03	23.15	--	--
Mississippi	20.06	23.62	-15.0%	20.06	23.62	--	--
Tennessee	20.45	22.67	-9.8%	20.45	22.67	--	--
West South Central	19.60	22.29	-12.0%	21.61	21.96	19.32	22.59
Arkansas	W	W	W	--	--	W	W
Louisiana	W	W	W	--	21.85	W	W
Oklahoma	22.32	--	--	22.32	--	--	--
Texas	W	W	W	21.35	23.55	W	W
Mountain	W	W	W	22.69	24.19	W	W
Arizona	21.62	25.55	-15.0%	21.62	25.55	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	23.47	25.92	W	W
New Mexico	23.47	24.60	-4.6%	23.47	24.60	--	--
Utah	21.48	22.18	-3.2%	21.48	22.18	--	--
Wyoming	21.15	22.84	-7.4%	21.15	22.84	--	--
Pacific Contiguous	--	W	W	--	--	--	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	W	W	--	--	--	W
Pacific Noncontiguous	W	W	W	20.10	21.21	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	20.10	21.21	W	W
U.S. Total	19.71	20.17	-2.3%	19.90	21.66	19.25	18.63

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

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	W	W	W	18.11	17.16	W	W
Connecticut	W	19.11	W	--	--	W	19.11
Maine	W	W	W	--	--	W	W
Massachusetts	19.82	18.19	9.0%	20.89	21.95	19.64	18.09
New Hampshire	W	16.75	W	16.92	16.75	W	--
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	21.13	20.34	3.9%	19.83	21.86	21.55	19.83
New Jersey	23.49	21.23	11.0%	--	--	23.49	21.23
New York	20.33	19.92	2.1%	19.83	21.86	20.59	19.01
Pennsylvania	23.07	21.92	5.2%	--	--	23.07	21.92
East North Central	23.54	23.01	2.3%	22.89	22.97	24.99	23.18
Illinois	W	W	W	23.17	23.62	W	W
Indiana	23.14	23.00	0.6%	23.14	23.00	--	--
Michigan	22.20	W	W	22.20	22.91	--	W
Ohio	24.44	23.03	6.1%	23.33	22.98	25.55	23.14
Wisconsin	W	W	W	22.09	22.55	W	W
West North Central	W	22.71	W	22.24	22.71	W	--
Iowa	22.17	22.67	-2.2%	22.17	22.67	--	--
Kansas	21.84	22.61	-3.4%	21.84	22.61	--	--
Minnesota	W	23.26	W	22.53	23.26	W	--
Missouri	22.14	22.31	-0.8%	22.14	22.31	--	--
Nebraska	22.10	22.52	-1.9%	22.10	22.52	--	--
North Dakota	23.01	23.18	-0.7%	23.01	23.18	--	--
South Dakota	22.70	23.31	-2.6%	22.70	23.31	--	--
South Atlantic	22.31	W	W	22.26	20.18	22.45	W
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	22.94	18.79	W	W
Georgia	W	W	W	23.28	23.45	W	W
Maryland	21.86	21.82	0.2%	--	--	21.86	21.82
North Carolina	W	W	W	22.66	22.78	W	W
South Carolina	22.88	23.30	-1.8%	22.88	23.30	--	--
Virginia	21.84	W	W	21.52	17.68	23.70	W
West Virginia	W	23.68	W	23.40	23.68	W	--
East South Central	W	22.62	W	22.10	22.62	W	--
Alabama	W	22.34	W	21.99	22.34	W	--
Kentucky	22.28	22.73	-2.0%	22.28	22.73	--	--
Mississippi	21.59	21.68	-0.4%	21.59	21.68	--	--
Tennessee	22.01	22.74	-3.2%	22.01	22.74	--	--
West South Central	21.56	22.32	-3.4%	21.66	22.48	21.47	22.24
Arkansas	W	W	W	22.91	22.54	W	W
Louisiana	W	W	W	21.46	22.03	W	W
Oklahoma	22.37	22.29	0.4%	22.37	22.29	--	--
Texas	W	W	W	21.34	22.68	W	W
Mountain	W	W	W	23.80	23.83	W	W
Arizona	23.50	24.49	-4.0%	23.50	24.49	--	--
Colorado	23.43	23.72	-1.2%	23.43	23.72	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	24.09	24.01	W	W
New Mexico	24.53	24.65	-0.5%	24.53	24.65	--	--
Utah	22.46	21.98	2.2%	22.46	21.98	--	--
Wyoming	23.48	23.27	0.9%	23.48	23.27	--	--
Pacific Contiguous	W	W	W	22.68	23.18	W	W
California	--	--	--	--	--	--	--
Oregon	22.68	22.05	2.9%	22.68	22.05	--	--
Washington	W	W	W	--	23.63	W	W
Pacific Noncontiguous	W	W	W	21.38	20.54	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	21.38	20.54	W	W
U.S. Total	21.53	20.60	4.5%	21.54	20.88	21.51	20.01

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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, September 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.17	1.38	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.85	--	--	0.85	--	--	--
Michigan	1.50	W	W	1.50	1.38	--	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.80	--	--	1.80	--	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.12	2.54	-17.0%	2.12	2.54	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.12	2.54	-17.0%	2.12	2.54	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.79	1.73	3.5%	1.79	1.73	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.79	1.73	3.5%	1.79	1.73	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	2.05	1.83	12.0%	2.05	1.83	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	2.05	1.83	12.0%	2.05	1.83	--	--
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	1.81	2.09	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) September 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 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	1.20	1.55	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.93	--	--	0.93	--	--	--
Michigan	W	W	W	1.45	1.44	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.86	1.72	8.1%	1.86	1.72	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.42	2.64	-8.3%	2.42	2.64	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.42	2.64	-8.3%	2.42	2.64	--	--
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	2.05	1.96	4.6%	2.05	1.96	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	2.05	1.96	4.6%	2.05	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	1.93	2.16	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, September 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2014	September 2013	Percentage Change	September 2014	September 2013	September 2014	September 2013
New England	3.62	3.90	-7.2%	4.36	4.83	3.61	3.89
Connecticut	W	3.99	W	--	--	W	3.99
Maine	W	W	W	--	--	W	W
Massachusetts	3.67	3.85	-4.7%	4.18	4.77	3.66	3.84
New Hampshire	W	W	W	6.04	5.31	W	W
Rhode Island	3.44	3.80	-9.5%	--	--	3.44	3.80
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.80	3.84	-27.0%	3.00	4.16	2.78	3.79
New Jersey	2.80	3.34	-16.0%	--	--	2.80	3.34
New York	3.20	4.22	-24.0%	3.00	4.16	3.26	4.24
Pennsylvania	2.35	3.69	-36.0%	--	--	2.35	3.69
East North Central	3.89	4.09	-4.9%	3.96	4.15	3.87	4.05
Illinois	W	W	W	5.56	4.55	W	W
Indiana	W	W	W	4.34	3.99	W	W
Michigan	4.60	4.37	5.3%	4.58	4.14	4.60	4.47
Ohio	3.22	3.76	-14.0%	2.64	3.94	3.40	3.69
Wisconsin	4.70	4.38	7.3%	5.19	4.50	4.24	4.25
West North Central	4.89	4.29	14.0%	4.88	4.30	5.00	4.21
Iowa	4.10	4.24	-3.3%	4.10	4.24	--	--
Kansas	4.94	4.06	22.0%	4.94	4.06	--	--
Minnesota	W	W	W	6.26	4.41	W	W
Missouri	W	W	W	4.77	4.39	W	W
Nebraska	4.77	4.50	6.0%	4.77	4.50	--	--
North Dakota	3.55	--	--	3.55	--	--	--
South Dakota	6.08	4.03	51.0%	6.08	4.03	--	--
South Atlantic	4.87	4.69	3.8%	5.00	4.77	4.20	4.13
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	5.22	5.04	W	W
Georgia	4.44	4.25	4.5%	4.46	4.23	4.38	4.45
Maryland	4.25	4.02	5.7%	--	--	4.25	4.02
North Carolina	5.04	W	W	5.06	4.63	5.01	W
South Carolina	W	W	W	4.59	4.44	W	W
Virginia	3.71	3.84	-3.4%	4.05	3.99	3.31	3.59
West Virginia	W	3.75	W	4.04	3.47	W	3.79
East South Central	4.21	3.91	7.7%	4.22	3.89	4.20	3.95
Alabama	W	W	W	4.20	3.90	W	W
Kentucky	6.61	W	W	6.61	6.67	--	W
Mississippi	W	W	W	4.15	3.80	W	W
Tennessee	4.05	3.72	8.9%	4.05	3.72	--	--
West South Central	4.13	3.76	9.8%	4.28	3.86	4.04	3.69
Arkansas	W	W	W	6.59	4.29	W	W
Louisiana	4.15	W	W	4.18	3.84	4.05	W
Oklahoma	W	3.84	W	4.49	3.90	W	3.69
Texas	4.08	3.73	9.4%	4.22	3.81	4.04	3.70
Mountain	4.63	4.16	11.0%	4.71	4.26	4.37	3.95
Arizona	4.75	4.34	9.4%	5.08	4.79	4.24	3.85
Colorado	W	4.32	W	4.65	4.43	W	4.22
Idaho	4.46	W	W	4.46	3.79	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	4.69	4.04	W	W
New Mexico	4.44	4.12	7.8%	4.44	4.12	--	--
Utah	W	3.73	W	4.24	3.73	W	--
Wyoming	5.62	13.19	-57.0%	5.62	13.19	--	--
Pacific Contiguous	4.48	4.13	8.5%	4.60	4.33	4.38	3.97
California	4.62	4.29	7.7%	4.81	4.63	4.48	4.06
Oregon	W	W	W	3.91	3.66	W	W
Washington	W	W	W	4.47	3.91	W	W
Pacific Noncontiguous	5.31	5.08	4.5%	5.31	5.08	--	--
Alaska	5.31	5.08	4.5%	5.31	5.08	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	4.20	4.11	2.2%	4.64	4.36	3.77	3.84

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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) September 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2014 YTD	September 2013 YTD	Percentage Change	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	6.85	5.78	19.0%	5.67	6.89	6.86	5.77
Connecticut	7.22	5.98	21.0%	--	--	7.22	5.98
Maine	W	W	W	--	--	W	W
Massachusetts	6.74	5.65	19.0%	5.67	6.28	6.75	5.65
New Hampshire	W	W	W	5.67	8.70	W	W
Rhode Island	6.51	5.55	17.0%	--	--	6.51	5.55
Vermont	--	--	--	--	--	--	--
Middle Atlantic	5.48	4.56	20.0%	5.68	5.05	5.46	4.49
New Jersey	5.08	4.23	20.0%	--	--	5.08	4.23
New York	5.68	5.15	10.0%	5.68	5.05	5.68	5.18
Pennsylvania	5.47	4.02	36.0%	--	--	5.47	4.02
East North Central	5.50	4.12	33.0%	5.39	4.12	5.56	4.12
Illinois	W	W	W	6.07	4.73	W	W
Indiana	W	W	W	5.56	3.98	W	W
Michigan	7.19	4.45	62.0%	7.33	4.41	7.14	4.47
Ohio	4.34	3.84	13.0%	4.20	3.84	4.41	3.84
Wisconsin	5.59	4.34	29.0%	5.87	4.44	5.32	4.22
West North Central	5.91	4.42	34.0%	5.97	4.43	5.54	4.37
Iowa	6.64	4.35	53.0%	6.64	4.35	--	--
Kansas	5.65	4.33	30.0%	5.65	4.33	--	--
Minnesota	W	W	W	6.22	4.55	W	W
Missouri	W	W	W	5.61	4.39	W	W
Nebraska	5.85	4.72	24.0%	5.85	4.72	--	--
North Dakota	3.88	--	--	3.88	--	--	--
South Dakota	5.32	3.98	34.0%	5.32	3.98	--	--
South Atlantic	5.56	4.76	17.0%	5.60	4.83	5.36	4.30
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	5.52	W	W	5.54	5.05	4.31	W
Georgia	5.08	4.33	17.0%	5.11	4.31	5.00	4.42
Maryland	5.39	4.57	18.0%	--	--	5.39	4.57
North Carolina	6.11	W	W	6.16	4.78	6.01	W
South Carolina	W	W	W	5.03	4.54	W	W
Virginia	6.23	4.12	51.0%	6.74	4.27	5.47	3.86
West Virginia	W	W	W	6.22	3.82	W	W
East South Central	4.84	3.98	22.0%	4.85	3.94	4.83	4.04
Alabama	4.80	4.04	19.0%	4.77	3.99	4.82	4.07
Kentucky	W	W	W	5.99	5.56	W	W
Mississippi	W	W	W	4.75	3.85	W	W
Tennessee	4.72	3.76	26.0%	4.72	3.76	--	--
West South Central	4.73	3.86	23.0%	4.89	3.97	4.62	3.79
Arkansas	W	4.18	W	7.55	5.19	W	3.82
Louisiana	4.73	3.85	23.0%	4.78	3.91	4.61	3.71
Oklahoma	W	3.93	W	5.17	3.96	W	3.82
Texas	4.64	3.83	21.0%	4.75	3.92	4.60	3.80
Mountain	5.20	4.33	20.0%	5.29	4.42	4.91	4.08
Arizona	5.29	4.46	19.0%	5.70	4.86	4.61	3.99
Colorado	5.37	4.64	16.0%	5.45	4.70	5.25	4.56
Idaho	W	W	W	5.30	4.16	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	5.25	4.28	W	W
New Mexico	4.95	4.17	19.0%	4.95	4.17	--	--
Utah	W	3.93	W	4.77	3.93	W	--
Wyoming	7.03	7.25	-3.0%	7.03	7.25	--	--
Pacific Contiguous	5.13	4.22	22.0%	5.28	4.50	4.99	4.00
California	5.23	4.33	21.0%	5.51	4.71	5.02	4.07
Oregon	W	W	W	4.39	3.68	W	W
Washington	W	W	W	5.04	4.29	W	W
Pacific Noncontiguous	5.08	4.68	8.5%	5.08	4.68	--	--
Alaska	5.08	4.68	8.5%	5.08	4.68	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	5.26	4.35	21.0%	5.33	4.47	5.19	4.22

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

Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, September 2014

Census Division and State	Bituminous Receipts (Thousand Tons)	Bituminous Average Sulfur Percent by Weight	Bituminous Average Ash Percent by Weight	Subbituminous Receipts (Thousand Tons)	Subbituminous Average Sulfur Percent by Weight	Subbituminous Average Ash Percent by Weight	Lignite Receipts (Thousand Tons)	Lignite Average Sulfur Percent by Weight	Lignite Average Ash Percent by Weight
New England	2	0.81	8.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	2	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	2,610	3.05	11.3	101	0.30	5.3	0	--	--
New Jersey	68	1.68	9.7	0	--	--	0	--	--
New York	77	2.15	9.5	101	0.30	5.3	0	--	--
Pennsylvania	2,465	3.11	11.4	0	--	--	0	--	--
East North Central	7,161	3.01	9.9	8,591	0.25	4.9	0	--	--
Illinois	604	3.59	19.2	4,011	0.23	4.8	0	--	--
Indiana	3,018	2.76	9.0	304	0.27	5.0	0	--	--
Michigan	262	1.32	9.8	2,318	0.29	4.9	0	--	--
Ohio	3,053	3.36	9.6	106	0.31	5.2	0	--	--
Wisconsin	225	2.31	7.9	1,852	0.26	5.0	0	--	--
West North Central	91	3.39	9.6	8,700	0.29	5.2	1,714	0.80	10.1
Iowa	34	3.50	8.0	1,347	0.28	4.8	0	--	--
Kansas	32	3.25	12.4	1,414	0.30	5.2	0	--	--
Minnesota	0	--	--	1,324	0.38	6.2	0	--	--
Missouri	25	3.44	7.9	3,253	0.24	4.9	0	--	--
Nebraska	0	--	--	1,208	0.29	5.4	0	--	--
North Dakota	0	--	--	0	--	--	1,714	0.80	10.1
South Dakota	0	--	--	156	0.41	6.7	0	--	--
South Atlantic	10,108	2.12	10.0	1,034	0.31	4.7	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	2,119	1.99	8.7	0	--	--	0	--	--
Georgia	965	2.00	8.4	1,003	0.31	4.7	0	--	--
Maryland	647	2.28	9.4	31	0.23	4.9	0	--	--
North Carolina	1,654	1.73	10.1	0	--	--	0	--	--
South Carolina	1,174	1.51	9.0	0	--	--	0	--	--
Virginia	739	1.17	11.8	0	--	--	0	--	--
West Virginia	2,810	2.96	11.7	0	--	--	0	--	--
East South Central	5,099	2.49	9.5	2,147	0.30	5.3	116	0.45	12.2
Alabama	776	1.55	10.0	1,030	0.30	5.4	0	--	--
Kentucky	3,015	2.89	9.7	318	0.36	5.7	0	--	--
Mississippi	266	1.75	9.4	95	0.35	5.7	116	0.45	12.2
Tennessee	1,042	2.22	8.8	704	0.27	5.0	0	--	--
West South Central	47	1.38	24.5	9,235	0.31	5.3	4,009	0.84	15.1
Arkansas	5	0.72	8.0	1,609	0.27	5.1	0	--	--
Louisiana	0	--	--	1,087	0.30	5.0	370	0.72	15.1
Oklahoma	42	1.48	27.1	1,539	0.26	4.8	0	--	--
Texas	0	--	--	5,000	0.33	5.6	3,638	0.85	15.1
Mountain	2,712	0.62	13.5	6,083	0.53	9.4	0	--	--
Arizona	685	0.60	10.7	1,283	0.65	10.1	0	--	--
Colorado	335	0.51	10.5	1,087	0.34	5.5	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	862	0.76	10.3	0	--	--
Nevada	84	0.51	8.6	148	0.40	7.4	0	--	--
New Mexico	526	0.79	26.8	497	0.69	22.6	0	--	--
Utah	1,082	0.61	11.2	39	0.86	9.1	0	--	--
Wyoming	0	--	--	2,168	0.44	7.7	0	--	--
Pacific Contiguous	63	0.62	10.6	601	0.29	7.8	0	--	--
California	63	0.62	10.6	0	--	--	0	--	--
Oregon	0	--	--	220	0.23	4.4	0	--	--
Washington	0	--	--	381	0.32	9.8	0	--	--
Pacific Noncontiguous	63	1.14	4.1	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	63	1.14	4.1	0	--	--	0	--	--
U.S. Total	27,957	2.37	10.4	36,492	0.33	5.9	5,839	0.82	13.6

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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, September 2014

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	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	5,912	2.98	9.2	4,745	0.27	5.0	0	--	--
Illinois	134	3.53	10.0	295	0.24	4.8	0	--	--
Indiana	2,781	2.72	8.8	304	0.27	5.0	0	--	--
Michigan	245	1.33	9.8	2,306	0.28	4.9	0	--	--
Ohio	2,584	3.43	9.6	0	--	--	0	--	--
Wisconsin	168	2.38	7.8	1,840	0.26	5.0	0	--	--
West North Central	51	3.35	10.7	8,635	0.29	5.2	1,714	0.80	10.1
Iowa	0	--	--	1,281	0.28	4.9	0	--	--
Kansas	32	3.25	12.4	1,414	0.30	5.2	0	--	--
Minnesota	0	--	--	1,324	0.38	6.2	0	--	--
Missouri	19	3.54	7.6	3,253	0.24	4.9	0	--	--
Nebraska	0	--	--	1,208	0.29	5.4	0	--	--
North Dakota	0	--	--	0	--	--	1,714	0.80	10.1
South Dakota	0	--	--	156	0.41	6.7	0	--	--
South Atlantic	8,071	1.92	9.8	1,003	0.31	4.7	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	2,058	2.02	8.7	0	--	--	0	--	--
Georgia	944	2.03	8.4	1,003	0.31	4.7	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,654	1.73	10.1	0	--	--	0	--	--
South Carolina	1,158	1.52	9.0	0	--	--	0	--	--
Virginia	665	1.15	12.1	0	--	--	0	--	--
West Virginia	1,592	2.57	11.5	0	--	--	0	--	--
East South Central	4,978	2.54	9.6	2,147	0.30	5.3	0	--	--
Alabama	776	1.55	10.0	1,030	0.30	5.4	0	--	--
Kentucky	3,015	2.89	9.7	318	0.36	5.7	0	--	--
Mississippi	266	1.75	9.4	95	0.35	5.7	0	--	--
Tennessee	922	2.41	8.9	704	0.27	5.0	0	--	--
West South Central	0	--	--	6,100	0.27	5.1	908	0.94	16.3
Arkansas	0	--	--	1,448	0.27	5.1	0	--	--
Louisiana	0	--	--	410	0.28	5.3	370	0.72	15.1
Oklahoma	0	--	--	1,483	0.26	4.8	0	--	--
Texas	0	--	--	2,758	0.28	5.3	538	1.11	17.3
Mountain	2,674	0.63	13.5	5,146	0.50	9.3	0	--	--
Arizona	685	0.60	10.7	1,283	0.65	10.1	0	--	--
Colorado	335	0.51	10.5	1,087	0.34	5.5	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	84	0.51	8.6	72	0.44	9.1	0	--	--
New Mexico	526	0.79	26.8	497	0.69	22.6	0	--	--
Utah	1,044	0.63	11.3	39	0.86	9.1	0	--	--
Wyoming	0	--	--	2,168	0.44	7.7	0	--	--
Pacific Contiguous	0	--	--	220	0.23	4.4	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	220	0.23	4.4	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	21,686	2.21	10.0	27,994	0.32	5.9	2,622	0.85	12.2

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.
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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, September 2014

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	0	0.83	8.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	0.83	8.8	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,573	3.06	11.3	101	0.30	5.3	0	--	--
New Jersey	68	1.68	9.7	0	--	--	0	--	--
New York	52	2.39	9.6	101	0.30	5.3	0	--	--
Pennsylvania	2,453	3.12	11.4	0	--	--	0	--	--
East North Central	1,061	3.22	14.8	3,787	0.23	4.8	0	--	--
Illinois	374	3.65	27.0	3,668	0.22	4.8	0	--	--
Indiana	237	3.16	10.5	0	--	--	0	--	--
Michigan	0	--	--	12	0.37	5.4	0	--	--
Ohio	450	2.99	9.7	106	0.31	5.2	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	1,901	2.99	10.8	31	0.23	4.9	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	61	0.97	10.5	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	623	2.29	8.9	31	0.23	4.9	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	45	0.84	10.6	0	--	--	0	--	--
West Virginia	1,173	3.57	11.8	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	116	0.45	12.2
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	116	0.45	12.2
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	42	1.48	27.1	3,136	0.37	5.7	3,101	0.81	14.8
Arkansas	0	--	--	161	0.27	5.1	0	--	--
Louisiana	0	--	--	677	0.31	4.8	0	--	--
Oklahoma	42	1.48	27.1	56	0.24	4.6	0	--	--
Texas	0	--	--	2,242	0.40	6.0	3,101	0.81	14.8
Mountain	0	--	--	937	0.72	9.9	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	862	0.76	10.3	0	--	--
Nevada	0	--	--	75	0.36	5.6	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	10	1.19	7.9	381	0.32	9.8	0	--	--
California	10	1.19	7.9	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	381	0.32	9.8	0	--	--
Pacific Noncontiguous	63	1.14	4.1	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	63	1.14	4.1	0	--	--	0	--	--
U.S. Total	5,651	3.03	11.7	8,372	0.34	5.9	3,217	0.80	14.7

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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, September 2014

Census Division and State	Bituminous Receipts (Thousand Tons)	Bituminous Average Sulfur Percent by Weight	Bituminous Average Ash Percent by Weight	Subbituminous Receipts (Thousand Tons)	Subbituminous Average Sulfur Percent by Weight	Subbituminous Average Ash Percent by Weight	Lignite Receipts (Thousand Tons)	Lignite Average Sulfur Percent by Weight	Lignite 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	8	2.09	9.6	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	8	2.09	9.6	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	6	3.15	8.9	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	6	3.15	8.9	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	13	2.56	9.3	0	--	--	0	--	--

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

Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Sector by State, September 2014

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	2	0.81	8.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	2	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	37	1.74	9.9	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	25	1.63	9.2	0	--	--	0	--	--
Pennsylvania	12	1.97	11.4	0	--	--	0	--	--
East North Central	180	2.83	8.4	59	0.39	5.4	0	--	--
Illinois	95	3.50	8.0	48	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	10	0.43	8.6	0	--	--	0	--	--
Ohio	18	3.30	11.5	0	--	--	0	--	--
Wisconsin	58	2.07	8.1	12	0.28	5.2	0	--	--
West North Central	34	3.50	8.0	66	0.22	4.4	0	--	--
Iowa	34	3.50	8.0	66	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	136	1.28	11.8	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	21	0.80	7.9	0	--	--	0	--	--
Maryland	25	1.90	23.0	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	17	0.72	8.0	0	--	--	0	--	--
Virginia	29	1.99	8.0	0	--	--	0	--	--
West Virginia	45	0.94	12.5	0	--	--	0	--	--
East South Central	121	0.88	8.3	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	121	0.88	8.3	0	--	--	0	--	--
West South Central	5	0.72	8.0	0	--	--	0	--	--
Arkansas	5	0.72	8.0	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	38	0.29	10.5	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	38	0.29	10.5	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	54	0.51	11.1	0	--	--	0	--	--
California	54	0.51	11.1	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	607	1.65	9.6	125	0.30	4.9	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 5.1. Retail Sales of Electricity to Ultimate Customers:
Total by End-Use Sector, 2004 - September 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
Year to Date					
2012	1,066,502	1,010,867	745,511	5,534	2,828,414
2013	1,066,264	1,013,979	720,522	5,709	2,806,475
2014	1,088,000	1,029,957	722,419	5,919	2,846,295
Rolling 12 Months Ending in September					
2013	1,374,277	1,330,213	960,725	7,496	3,672,710
2014	1,412,825	1,354,426	956,622	7,735	3,731,608

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 - September 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
Year to Date					
2012	126,958	102,504	50,039	564	280,065
2013	129,532	104,894	49,484	586	284,496
2014	136,344	111,079	51,397	611	299,431
Rolling 12 Months Ending in September					
2013	165,855	136,289	65,206	769	368,119
2014	175,358	143,962	67,024	799	387,142

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

Table 5.3. Average Retail Price of Electricity to Ultimate Customers:

Total by End-Use Sector, 2004 - September 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
Year to Date					
2012	11.90	10.14	6.71	10.19	9.90
2013	12.15	10.34	6.87	10.26	10.14
2014	12.53	10.78	7.11	10.33	10.52
Rolling 12 Months Ending in September					
2013	12.07	10.25	6.79	10.26	10.02
2014	12.41	10.63	7.01	10.32	10.37

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

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	3,876	3,754	4,637	3,824	1,529	2,330	41	43	10,083	9,952
Connecticut	1,052	1,052	1,140	1,135	301	295	12	14	2,505	2,496
Maine	342	333	337	338	282	242	0	0	960	913
Massachusetts	1,691	1,627	2,272	1,475	582	1,422	27	27	4,572	4,551
New Hampshire	369	382	393	405	177	178	0	0	939	965
Rhode Island	267	207	318	305	68	78	2	2	655	592
Vermont	155	154	177	166	120	115	0	0	452	435
Middle Atlantic	10,605	10,769	13,641	13,636	6,173	5,693	331	344	30,750	30,442
New Jersey	2,319	2,260	3,119	3,152	605	586	24	32	6,067	6,030
New York	4,315	4,456	6,850	6,858	1,550	1,091	229	250	12,945	12,656
Pennsylvania	3,970	4,053	3,671	3,626	4,019	4,016	77	62	11,737	11,756
East North Central	13,569	14,306	15,258	15,458	16,168	15,994	43	52	45,038	45,811
Illinois	3,300	3,717	4,184	4,340	3,530	3,560	39	47	11,053	11,665
Indiana	2,452	2,551	2,093	2,103	3,895	3,746	2	2	8,442	8,403
Michigan	2,484	2,491	3,158	3,146	2,613	2,642	0	1	8,254	8,280
Ohio	3,800	3,905	3,889	3,919	4,103	4,038	2	3	11,794	11,865
Wisconsin	1,532	1,642	1,935	1,949	2,028	2,008	0	0	5,495	5,599
West North Central	7,690	8,487	8,568	8,741	7,507	7,324	3	3	23,768	24,555
Iowa	976	1,126	921	1,041	1,779	1,557	0	0	3,675	3,724
Kansas	1,189	1,283	1,413	1,408	944	915	0	0	3,545	3,606
Minnesota	1,567	1,690	1,948	1,936	1,839	1,922	2	1	5,355	5,549
Missouri	2,635	2,911	2,649	2,715	1,341	1,344	1	2	6,626	6,972
Nebraska	719	823	795	813	867	914	0	0	2,382	2,550
North Dakota	293	298	439	413	508	436	0	0	1,240	1,148
South Dakota	312	356	403	414	229	236	0	0	944	1,006
South Atlantic	30,686	30,019	26,811	26,759	12,073	11,680	112	106	69,682	68,564
Delaware	359	356	337	345	222	211	0	0	917	912
District of Columbia	163	146	709	692	18	17	29	26	919	882
Florida	11,552	11,254	8,408	8,360	1,426	1,418	8	8	21,394	21,040
Georgia	5,110	5,005	4,168	4,154	2,729	2,605	15	13	12,022	11,778
Maryland	2,007	2,044	2,452	2,436	316	301	42	42	4,817	4,823
North Carolina	4,773	4,606	4,198	4,233	2,273	2,323	1	1	11,244	11,161
South Carolina	2,658	2,566	1,913	1,908	2,497	2,470	0	0	7,067	6,944
Virginia	3,333	3,285	3,996	3,984	1,533	1,390	18	16	8,879	8,675
West Virginia	732	757	631	646	1,059	945	0	0	2,423	2,349
East South Central	10,685	10,607	8,250	8,513	8,932	8,570	0	0	27,868	27,691
Alabama	2,951	2,885	2,108	2,097	3,009	2,833	0	0	8,068	7,815
Kentucky	2,045	2,093	1,633	1,930	2,541	2,475	0	0	6,220	6,498
Mississippi	1,894	1,862	1,351	1,330	1,456	1,435	0	0	4,702	4,627
Tennessee	3,795	3,767	3,158	3,157	1,926	1,827	0	0	8,879	8,751
West South Central	21,546	21,888	18,689	18,356	14,265	13,775	17	8	54,516	54,027
Arkansas	1,756	1,756	1,157	1,162	1,504	1,502	0	NM	4,418	4,420
Louisiana	3,132	3,217	2,316	2,364	2,816	2,720	1	1	8,265	8,303
Oklahoma	2,031	2,153	1,658	1,762	1,468	1,427	0	0	5,158	5,342
Texas	14,626	14,761	13,557	13,068	8,476	8,126	16	7	36,675	35,962
Mountain	8,561	8,467	8,371	8,269	7,308	7,022	11	10	24,250	23,768
Arizona	3,415	3,344	2,780	2,780	1,320	1,078	0	0	7,515	7,202
Colorado	1,503	1,590	1,754	1,739	1,330	1,329	5	5	4,591	4,663
Idaho	516	550	498	489	763	771	0	0	1,778	1,810
Montana	327	329	414	378	355	349	0	0	1,096	1,057
Nevada	1,261	1,115	831	832	1,239	1,188	1	1	3,333	3,135
New Mexico	583	597	811	785	623	623	0	0	2,016	2,005
Utah	773	753	959	944	842	847	5	4	2,580	2,549
Wyoming	183	189	323	321	835	838	0	0	1,341	1,347
Pacific Contiguous	12,540	12,454	15,959	14,914	7,323	7,486	71	63	35,892	34,916
California	9,028	8,980	12,129	11,120	4,043	4,159	68	61	25,268	24,320
Oregon	1,285	1,244	1,336	1,322	1,028	1,012	2	2	3,651	3,580
Washington	2,227	2,229	2,494	2,472	2,251	2,315	0	0	6,973	7,016
Pacific Noncontiguous	362	364	509	508	440	424	0	0	1,311	1,295
Alaska	146	148	226	226	112	114	0	0	483	487
Hawaii	216	216	283	282	329	310	0	0	827	808
U.S. Total	120,118	121,114	120,693	118,977	81,717	80,298	628	631	323,157	321,020

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 5.4.B. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through September 2014 and 2013 (Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	36,465	36,820	40,503	34,106	13,721	20,362	430	434	91,119	91,722
Connecticut	9,939	10,131	10,070	9,965	2,599	2,583	130	145	22,739	22,825
Maine	3,505	3,457	3,006	3,071	2,478	2,271	0	0	8,989	8,799
Massachusetts	15,568	15,742	19,778	13,329	5,431	12,261	279	269	41,056	41,601
New Hampshire	3,489	3,482	3,410	3,438	1,485	1,482	0	0	8,384	8,403
Rhode Island	2,369	2,424	2,700	2,772	685	705	21	20	5,775	5,921
Vermont	1,594	1,583	1,538	1,530	1,044	1,061	0	0	4,176	4,174
Middle Atlantic	101,926	102,839	119,749	119,715	54,927	51,648	3,028	3,049	279,630	277,251
New Jersey	21,865	22,313	28,998	29,002	5,550	5,551	236	252	56,649	57,119
New York	38,245	39,204	57,770	58,018	13,119	10,103	2,159	2,160	111,292	109,486
Pennsylvania	41,816	41,321	32,981	32,695	36,258	35,994	633	637	111,688	110,647
East North Central	143,215	142,153	138,920	138,475	145,715	146,152	498	492	428,348	427,271
Illinois	35,344	35,434	38,423	38,482	32,492	32,879	447	438	106,705	107,233
Indiana	25,665	25,070	18,436	18,459	34,889	34,721	15	16	79,005	78,267
Michigan	25,442	25,759	28,538	28,539	23,821	22,855	3	4	77,805	77,157
Ohio	40,321	39,342	35,727	35,428	36,627	38,117	33	33	112,707	112,920
Wisconsin	16,443	16,547	17,796	17,567	17,886	17,580	0	0	52,125	51,693
West North Central	81,060	80,009	77,729	75,961	66,208	65,579	64	31	225,060	221,579
Iowa	10,878	10,962	9,307	9,236	15,241	14,590	0	0	35,426	34,787
Kansas	10,825	10,544	11,958	11,767	8,372	7,936	0	0	31,155	30,247
Minnesota	16,989	17,023	17,666	17,032	16,142	16,676	17	14	50,814	50,745
Missouri	27,422	26,658	23,627	23,432	12,177	12,577	17	17	63,243	62,684
Nebraska	7,589	7,636	7,195	7,020	7,971	8,025	0	0	22,755	22,681
North Dakota	3,779	3,633	4,369	3,972	4,306	3,822	0	0	12,455	11,427
South Dakota	3,578	3,552	3,607	3,502	1,998	1,954	30	0	9,213	9,009
South Atlantic	275,411	262,508	233,603	230,447	106,699	104,818	1,022	1,002	616,734	598,776
Delaware	3,647	3,542	3,208	3,157	1,718	1,944	0	0	8,573	8,643
District of Columbia	1,628	1,591	6,509	6,481	173	174	250	249	8,561	8,495
Florida	90,577	86,331	70,364	69,045	12,785	12,686	72	69	173,799	168,131
Georgia	44,586	41,868	35,620	35,016	24,029	23,473	124	119	104,359	100,476
Maryland	21,202	20,767	22,825	23,033	2,870	2,951	414	409	47,311	47,159
North Carolina	45,218	43,046	36,246	35,604	20,385	20,232	7	6	101,855	98,887
South Carolina	24,041	22,451	16,750	16,194	22,053	21,641	0	0	62,844	60,286
Virginia	35,482	34,266	36,114	36,053	13,234	12,719	152	148	84,982	83,187
West Virginia	9,030	8,646	5,965	5,864	9,451	8,998	3	3	24,449	23,512
East South Central	95,063	90,188	68,103	69,142	78,485	83,331	1	1	241,652	242,662
Alabama	25,645	24,155	17,429	17,054	26,286	25,665	0	0	69,360	66,874
Kentucky	21,093	20,315	14,450	16,150	22,885	28,599	0	0	58,428	65,064
Mississippi	14,904	14,226	10,483	10,365	12,699	12,501	0	0	38,086	37,092
Tennessee	33,421	31,492	25,742	25,574	16,614	16,565	1	1	75,778	73,633
West South Central	170,402	164,124	148,101	144,533	124,391	117,446	143	61	443,037	426,164
Arkansas	14,464	14,012	9,109	9,038	12,625	12,538	NM	NM	36,197	35,588
Louisiana	24,541	23,498	18,623	18,313	23,871	23,237	8	8	67,044	65,057
Oklahoma	18,325	17,853	15,092	14,865	12,621	12,303	0	0	46,039	45,021
Texas	113,072	108,761	105,277	102,317	75,275	69,368	134	52	293,758	280,498
Mountain	73,002	75,499	71,310	71,592	63,927	62,919	101	92	208,339	210,102
Arizona	25,723	26,961	23,023	23,131	10,385	9,453	0	0	59,131	59,545
Colorado	13,765	14,139	14,907	14,939	11,806	11,654	47	45	40,524	40,778
Idaho	6,035	6,296	4,589	4,561	7,294	7,656	0	0	17,918	18,513
Montana	3,694	3,616	3,712	3,635	3,105	3,162	0	0	10,511	10,413
Nevada	9,765	9,972	6,991	7,167	10,329	10,326	6	6	27,091	27,471
New Mexico	5,145	5,266	6,799	6,876	5,636	5,528	0	0	17,580	17,670
Utah	6,824	7,166	8,285	8,251	7,624	7,543	47	41	22,780	23,001
Wyoming	2,050	2,082	3,005	3,031	7,749	7,598	0	0	12,804	12,711
Pacific Contiguous	108,075	108,651	127,488	125,490	64,581	64,559	633	547	300,777	299,246
California	67,627	68,309	93,090	91,486	34,657	34,757	611	526	195,986	195,078
Oregon	13,919	13,882	12,082	11,965	9,112	9,024	18	17	35,131	34,887
Washington	26,529	26,460	22,316	22,039	20,812	20,778	4	4	69,660	69,282
Pacific Noncontiguous	3,381	3,474	4,452	4,519	3,765	3,707	0	0	11,598	11,701
Alaska	1,493	1,528	2,070	2,102	1,013	1,001	0	0	4,576	4,631
Hawaii	1,889	1,946	2,382	2,417	2,752	2,707	0	0	7,022	7,070
U.S. Total	1,088,000	1,066,264	1,029,957	1,013,979	722,419	720,522	5,919	5,709	2,846,295	2,806,475

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
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See Technical Notes for a discussion of the sample design for the Form EIA-826.
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Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 5.5.A. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, September 2014 and 2013 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	685	607	665	529	171	288	4	NM	1,524	1,428
Connecticut	208	189	173	165	38	37	1	1	420	392
Maine	54	48	40	38	21	18	0	0	115	105
Massachusetts	285	251	329	209	73	192	NM	NM	689	654
New Hampshire	64	62	53	53	20	20	0	0	137	135
Rhode Island	46	32	44	39	8	9	0	0	99	81
Vermont	28	27	26	24	11	12	0	0	65	63
Middle Atlantic	1,741	1,775	1,911	1,889	447	414	43	43	4,141	4,121
New Jersey	368	363	412	425	65	66	2	3	847	857
New York	837	872	1,152	1,130	100	69	34	35	2,124	2,106
Pennsylvania	536	540	347	334	282	279	6	5	1,171	1,158
East North Central	1,727	1,729	1,515	1,467	1,121	1,071	3	3	4,366	4,271
Illinois	384	362	372	335	225	219	2	3	984	919
Indiana	285	283	206	200	272	249	0	0	763	732
Michigan	368	373	344	346	197	196	0	0	909	916
Ohio	466	477	375	369	266	252	0	0	1,107	1,098
Wisconsin	224	234	219	217	161	155	0	0	604	606
West North Central	910	982	811	809	533	509	0	0	2,255	2,300
Iowa	120	134	85	92	119	94	0	0	324	319
Kansas	147	151	144	135	72	67	0	0	363	352
Minnesota	200	213	192	194	131	139	0	0	523	546
Missouri	289	316	239	241	91	90	0	0	619	647
Nebraska	87	98	74	75	63	69	0	0	224	241
North Dakota	32	32	40	37	41	32	0	0	114	101
South Dakota	36	40	36	36	16	17	0	0	88	93
South Atlantic	3,740	3,546	2,601	2,537	810	781	10	9	7,162	6,873
Delaware	49	46	35	35	18	18	0	0	103	99
District of Columbia	20	19	83	83	1	1	NM	NM	108	105
Florida	1,422	1,311	845	792	117	111	1	1	2,384	2,215
Georgia	620	598	421	410	179	169	1	1	1,220	1,179
Maryland	272	284	264	270	26	25	4	3	566	584
North Carolina	553	528	369	375	148	153	0	0	1,071	1,056
South Carolina	332	306	195	192	151	151	0	0	678	648
Virginia	403	382	339	327	109	94	1	1	852	804
West Virginia	70	73	50	52	61	58	0	0	181	183
East South Central	1,154	1,121	841	834	586	566	0	0	2,581	2,522
Alabama	351	339	225	223	193	189	0	0	768	750
Kentucky	206	208	151	161	146	143	0	0	502	513
Mississippi	216	202	145	135	104	99	0	0	466	436
Tennessee	382	373	320	315	142	135	0	0	845	823
West South Central	2,463	2,394	1,536	1,477	880	837	1	1	4,880	4,709
Arkansas	179	176	95	94	95	93	0	NM	368	363
Louisiana	305	311	206	210	168	164	0	0	679	685
Oklahoma	226	228	149	148	87	80	0	0	462	456
Texas	1,753	1,679	1,085	1,025	531	499	1	1	3,371	3,205
Mountain	1,044	1,004	852	805	525	494	1	1	2,423	2,304
Arizona	423	409	296	285	89	76	0	0	807	770
Colorado	191	199	189	178	101	100	1	1	481	478
Idaho	52	52	40	37	53	51	0	0	145	140
Montana	36	36	42	36	19	18	0	0	97	91
Nevada	162	133	83	77	111	101	0	0	357	311
New Mexico	74	72	86	78	40	39	0	0	200	189
Utah	86	82	89	85	56	54	1	1	231	222
Wyoming	20	20	29	28	56	54	0	0	106	102
Pacific Contiguous	1,964	1,860	2,522	2,087	707	668	7	6	5,200	4,621
California	1,627	1,534	2,210	1,786	540	507	7	5	4,383	3,834
Oregon	138	126	117	111	65	60	0	0	320	297
Washington	199	200	196	190	102	100	0	0	497	491
Pacific Noncontiguous	111	106	137	128	119	106	0	0	367	339
Alaska	29	27	39	35	18	17	0	0	85	79
Hawaii	82	78	98	93	101	89	0	0	281	260
U.S. Total	15,539	15,125	13,391	12,564	5,900	5,734	68	67	34,898	33,490

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

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

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Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.

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

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

Table 5.5.B. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through September 2014 and 2013 (Million Dollars)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	6,442	5,853	5,913	4,769	1,627	2,496	37	35	14,020	13,153
Connecticut	1,939	1,767	1,549	1,457	335	327	15	15	3,839	3,566
Maine	532	496	381	357	227	190	0	0	1,140	1,042
Massachusetts	2,665	2,390	2,870	1,914	693	1,620	NM	NM	6,248	5,940
New Hampshire	604	569	491	463	177	169	0	0	1,272	1,201
Rhode Island	420	361	397	355	88	83	3	3	909	802
Vermont	281	270	225	223	107	108	0	0	613	601
Middle Atlantic	16,813	16,231	16,575	15,777	4,281	3,790	374	375	38,043	36,173
New Jersey	3,467	3,529	3,913	3,755	665	601	26	26	8,071	7,910
New York	7,746	7,420	9,451	8,986	868	657	299	299	18,365	17,363
Pennsylvania	5,600	5,281	3,211	3,037	2,748	2,532	49	50	11,608	10,899
East North Central	17,789	17,129	13,720	13,226	10,122	9,646	28	29	41,659	40,029
Illinois	3,964	3,653	3,359	3,049	2,069	1,894	24	24	9,417	8,620
Indiana	2,872	2,713	1,802	1,747	2,394	2,285	2	2	7,070	6,746
Michigan	3,703	3,762	3,130	3,175	1,853	1,802	0	0	8,687	8,739
Ohio	4,958	4,719	3,477	3,336	2,425	2,326	2	2	10,862	10,384
Wisconsin	2,291	2,282	1,951	1,919	1,381	1,339	0	0	5,623	5,540
West North Central	9,145	8,889	7,226	6,914	4,547	4,395	6	3	20,923	20,201
Iowa	1,260	1,231	835	790	916	839	0	0	3,010	2,860
Kansas	1,316	1,229	1,206	1,132	628	567	0	0	3,150	2,928
Minnesota	2,076	2,046	1,723	1,642	1,156	1,183	2	1	4,957	4,873
Missouri	2,957	2,882	2,134	2,111	778	801	1	1	5,871	5,796
Nebraska	803	801	635	612	593	593	0	0	2,032	2,005
North Dakota	356	333	377	331	333	275	0	0	1,066	939
South Dakota	377	366	316	297	142	136	3	0	837	799
South Atlantic	32,490	29,909	22,743	21,611	7,273	6,824	91	87	62,597	58,432
Delaware	483	458	342	323	152	166	0	0	977	947
District of Columbia	209	199	800	772	14	11	NM	24	1,048	1,005
Florida	10,833	9,792	6,990	6,538	1,034	979	7	6	18,863	17,315
Georgia	5,262	4,795	3,697	3,455	1,606	1,455	11	10	10,576	9,716
Maryland	2,893	2,739	2,581	2,455	266	248	36	35	5,776	5,476
North Carolina	5,057	4,686	3,204	3,099	1,331	1,284	1	0	9,592	9,070
South Carolina	2,956	2,653	1,709	1,591	1,393	1,273	0	0	6,058	5,517
Virginia	3,953	3,757	2,945	2,896	918	845	12	12	7,829	7,510
West Virginia	843	830	475	482	559	563	0	0	1,878	1,875
East South Central	10,246	9,432	7,080	6,795	5,021	5,041	0	0	22,348	21,268
Alabama	2,972	2,744	1,892	1,803	1,669	1,575	0	0	6,533	6,121
Kentucky	2,120	1,979	1,351	1,360	1,333	1,547	0	0	4,804	4,885
Mississippi	1,689	1,535	1,141	1,052	876	820	0	0	3,707	3,406
Tennessee	3,465	3,174	2,696	2,581	1,143	1,100	0	0	7,304	6,855
West South Central	18,847	17,611	12,211	11,761	7,579	6,924	8	6	38,644	36,303
Arkansas	1,372	1,340	733	726	758	748	NM	NM	2,863	2,813
Louisiana	2,347	2,221	1,709	1,644	1,474	1,381	1	1	5,530	5,246
Oklahoma	1,839	1,738	1,229	1,161	721	666	0	0	3,790	3,564
Texas	13,289	12,313	8,540	8,231	4,626	4,130	7	5	26,461	24,679
Mountain	8,631	8,598	6,960	6,732	4,357	4,115	11	10	19,960	19,455
Arizona	3,119	3,189	2,336	2,308	708	641	0	0	6,163	6,138
Colorado	1,701	1,690	1,543	1,475	883	846	5	5	4,133	4,016
Idaho	586	585	358	335	479	477	0	0	1,422	1,397
Montana	380	377	355	346	171	169	0	0	906	892
Nevada	1,250	1,168	666	634	760	696	1	1	2,677	2,499
New Mexico	640	624	710	678	374	352	0	0	1,724	1,654
Utah	740	754	726	696	470	450	5	4	1,941	1,904
Wyoming	214	211	267	259	513	484	0	0	994	954
Pacific Contiguous	14,935	14,882	17,464	16,164	5,584	5,289	56	42	38,040	36,377
California	11,151	11,215	14,635	13,462	4,126	3,895	54	40	29,966	28,613
Oregon	1,455	1,375	1,062	1,001	560	527	2	2	3,079	2,904
Washington	2,329	2,291	1,767	1,701	899	867	0	0	4,995	4,859
Pacific Noncontiguous	1,007	998	1,185	1,146	1,005	963	0	0	3,197	3,107
Alaska	289	278	356	324	161	158	0	0	806	759
Hawaii	718	720	829	822	844	806	0	0	2,391	2,347
U.S. Total	136,344	129,532	111,079	104,894	51,397	49,484	611	586	299,431	284,496

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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, September 2014 and 2013 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	17.67	16.18	14.33	13.84	11.20	12.37	8.90	NM	15.12	14.35
Connecticut	19.74	17.94	15.16	14.50	12.55	12.66	10.74	10.67	16.75	15.71
Maine	15.82	14.45	11.82	11.37	7.44	7.49	--	--	11.96	11.46
Massachusetts	16.87	15.41	14.46	14.21	12.57	13.48	NM	NM	15.07	14.36
New Hampshire	17.37	16.12	13.59	13.12	11.10	11.13	--	--	14.61	13.94
Rhode Island	17.23	15.30	13.92	12.90	12.40	11.97	15.67	13.66	15.12	13.62
Vermont	17.79	17.29	14.55	14.64	9.42	10.24	--	--	14.30	14.41
Middle Atlantic	16.41	16.48	14.01	13.86	7.24	7.27	12.87	12.59	13.47	13.54
New Jersey	15.85	16.06	13.20	13.49	10.78	11.26	10.17	10.16	13.96	14.22
New York	19.40	19.57	16.82	16.47	6.44	6.35	15.00	14.03	16.41	16.64
Pennsylvania	13.49	13.32	9.46	9.22	7.01	6.94	7.38	8.02	9.97	9.85
East North Central	12.73	12.09	9.93	9.49	6.94	6.70	5.88	5.79	9.69	9.32
Illinois	11.65	9.74	8.88	7.72	6.39	6.16	5.51	5.55	8.90	7.88
Indiana	11.63	11.10	9.83	9.51	6.97	6.65	10.21	9.76	9.03	8.72
Michigan	14.82	14.99	10.88	10.98	7.53	7.44	11.70	9.58	11.01	11.06
Ohio	12.25	12.21	9.63	9.42	6.49	6.23	8.25	6.85	9.38	9.25
Wisconsin	14.62	14.23	11.34	11.14	7.95	7.72	--	--	11.00	10.82
West North Central	11.84	11.57	9.46	9.26	7.11	6.94	10.72	10.82	9.49	9.37
Iowa	12.25	11.86	9.24	8.79	6.68	6.06	--	--	8.80	8.58
Kansas	12.35	11.75	10.22	9.59	7.60	7.27	--	--	10.23	9.77
Minnesota	12.77	12.59	9.86	10.01	7.11	7.25	10.32	10.28	9.77	9.84
Missouri	10.96	10.86	9.02	8.86	6.81	6.71	11.23	11.30	9.34	9.28
Nebraska	12.09	11.85	9.32	9.19	7.30	7.55	--	--	9.42	9.46
North Dakota	10.96	10.65	9.18	8.93	8.11	7.38	--	--	9.16	8.79
South Dakota	11.52	11.16	8.93	8.79	7.11	7.19	--	--	9.34	9.26
South Atlantic	12.19	11.81	9.70	9.48	6.71	6.68	9.21	8.58	10.28	10.02
Delaware	13.78	12.84	10.53	10.09	8.04	8.56	--	--	11.20	10.81
District of Columbia	12.56	12.79	11.73	11.97	6.78	6.27	NM	NM	11.73	11.91
Florida	12.31	11.65	10.04	9.48	8.17	7.85	9.54	8.95	11.14	10.53
Georgia	12.12	11.95	10.09	9.88	6.55	6.49	7.70	8.76	10.15	10.01
Maryland	13.55	13.92	10.76	11.10	8.21	8.41	9.39	8.24	11.74	12.10
North Carolina	11.59	11.47	8.80	8.86	6.53	6.58	7.60	7.79	9.52	9.46
South Carolina	12.47	11.91	10.22	10.07	6.06	6.10	--	--	9.60	9.34
Virginia	12.08	11.62	8.48	8.21	7.12	6.77	8.26	7.97	9.60	9.27
West Virginia	9.51	9.63	7.90	8.05	5.76	6.18	7.63	7.54	7.45	7.81
East South Central	10.80	10.57	10.19	9.80	6.56	6.61	8.26	11.33	9.26	9.11
Alabama	11.88	11.74	10.65	10.61	6.43	6.66	--	--	9.52	9.60
Kentucky	10.06	9.94	9.22	8.35	5.73	5.80	--	--	8.07	7.89
Mississippi	11.41	10.82	10.75	10.19	7.17	6.90	--	--	9.91	9.42
Tennessee	10.07	9.89	10.14	9.98	7.39	7.40	8.26	11.33	9.51	9.40
West South Central	11.43	10.94	8.22	8.05	6.17	6.08	5.36	9.79	8.95	8.72
Arkansas	10.17	10.00	8.22	8.09	6.29	6.20	12.52	NM	8.34	8.21
Louisiana	9.74	9.68	8.90	8.88	5.95	6.02	9.17	9.15	8.22	8.25
Oklahoma	11.12	10.58	9.00	8.41	5.90	5.64	--	--	8.95	8.54
Texas	11.99	11.38	8.00	7.84	6.27	6.15	5.11	9.87	9.19	8.91
Mountain	12.20	11.86	10.18	9.73	7.19	7.04	10.90	11.47	9.99	9.70
Arizona	12.37	12.22	10.63	10.26	6.71	7.06	--	--	10.73	10.69
Colorado	12.72	12.52	10.75	10.22	7.60	7.56	11.12	11.22	10.49	10.25
Idaho	10.02	9.52	7.93	7.59	6.99	6.61	--	--	8.13	7.76
Montana	10.99	11.07	10.03	9.57	5.44	5.28	--	--	8.83	8.62
Nevada	12.87	11.94	9.98	9.26	8.97	8.48	9.87	10.04	10.70	9.92
New Mexico	12.71	11.98	10.56	9.95	6.39	6.31	--	--	9.90	9.43
Utah	11.12	10.95	9.30	9.02	6.62	6.38	10.84	12.02	8.97	8.72
Wyoming	11.11	10.75	9.11	8.75	6.74	6.47	--	--	7.91	7.61
Pacific Contiguous	15.66	14.94	15.81	13.99	9.66	8.92	9.55	8.71	14.49	13.23
California	18.02	17.09	18.22	16.06	13.36	12.20	9.57	8.71	17.35	15.76
Oregon	10.72	10.14	8.75	8.36	6.32	5.94	9.32	8.94	8.76	8.29
Washington	8.95	8.97	7.85	7.70	4.54	4.33	7.79	7.96	7.13	6.99
Pacific Noncontiguous	30.67	29.04	27.00	25.23	26.92	24.96	--	--	27.99	26.21
Alaska	19.62	18.48	17.34	15.57	15.76	14.53	--	--	17.66	16.21
Hawaii	38.12	36.28	34.74	32.96	30.72	28.78	--	--	34.02	32.24
U.S. Total	12.94	12.49	11.10	10.56	7.22	7.14	10.86	10.60	10.80	10.43

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 5.6.B. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through September 2014 and 2013 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD	September 2014 YTD	September 2013 YTD
New England	17.67	15.90	14.60	13.98	11.86	12.26	8.63	7.95	15.39	14.34
Connecticut	19.51	17.44	15.39	14.62	12.89	12.66	11.45	10.04	16.88	15.62
Maine	15.17	14.34	12.68	11.62	9.16	8.36	--	--	12.68	11.85
Massachusetts	17.12	15.18	14.51	14.36	12.77	13.21	NM	NM	15.22	14.28
New Hampshire	17.32	16.34	14.39	13.46	11.93	11.41	--	--	15.17	14.29
Rhode Island	17.74	14.91	14.72	12.82	12.85	11.79	14.29	13.05	15.73	13.55
Vermont	17.65	17.07	14.63	14.56	10.21	10.16	--	--	14.68	14.40
Middle Atlantic	16.50	15.78	13.84	13.18	7.79	7.34	12.36	12.29	13.60	13.05
New Jersey	15.86	15.82	13.49	12.95	11.98	10.82	10.84	10.23	14.25	13.85
New York	20.25	18.93	16.36	15.49	6.62	6.51	13.87	13.85	16.50	15.86
Pennsylvania	13.39	12.78	9.74	9.29	7.58	7.03	7.78	7.82	10.39	9.85
East North Central	12.42	12.05	9.88	9.55	6.95	6.60	5.72	5.81	9.73	9.37
Illinois	11.22	10.31	8.74	7.92	6.37	5.76	5.37	5.58	8.83	8.04
Indiana	11.19	10.82	9.78	9.46	6.86	6.58	10.05	9.83	8.95	8.62
Michigan	14.56	14.60	10.97	11.13	7.78	7.88	13.34	9.40	11.16	11.33
Ohio	12.30	12.00	9.73	9.42	6.62	6.10	7.60	6.55	9.64	9.20
Wisconsin	13.93	13.79	10.96	10.93	7.72	7.62	--	--	10.79	10.72
West North Central	11.28	11.11	9.30	9.10	6.87	6.70	9.52	9.02	9.30	9.12
Iowa	11.58	11.23	8.97	8.55	6.01	5.75	--	--	8.50	8.22
Kansas	12.16	11.65	10.08	9.62	7.51	7.15	--	--	10.11	9.68
Minnesota	12.22	12.02	9.75	9.64	7.16	7.10	9.98	9.88	9.75	9.60
Missouri	10.78	10.81	9.03	9.01	6.39	6.37	7.92	8.28	9.28	9.25
Nebraska	10.58	10.49	8.83	8.71	7.44	7.38	--	--	8.93	8.84
North Dakota	9.42	9.18	8.63	8.33	7.74	7.21	--	--	8.56	8.22
South Dakota	10.52	10.31	8.75	8.47	7.09	6.97	10.17	--	9.08	8.87
South Atlantic	11.80	11.39	9.74	9.38	6.82	6.51	8.91	8.68	10.15	9.76
Delaware	13.24	12.93	10.66	10.24	8.82	8.53	--	--	11.39	10.96
District of Columbia	12.82	12.51	12.29	11.91	8.22	6.10	NM	9.56	12.24	11.83
Florida	11.96	11.34	9.93	9.47	8.09	7.71	9.18	8.64	10.85	10.30
Georgia	11.80	11.45	10.38	9.87	6.68	6.20	8.48	8.28	10.13	9.67
Maryland	13.65	13.19	11.31	10.66	9.28	8.39	8.73	8.49	12.21	11.61
North Carolina	11.18	10.89	8.84	8.70	6.53	6.35	7.88	7.86	9.42	9.17
South Carolina	12.30	11.82	10.20	9.82	6.31	5.88	--	--	9.64	9.15
Virginia	11.14	10.96	8.15	8.03	6.93	6.65	8.17	8.08	9.21	9.03
West Virginia	9.34	9.59	7.97	8.22	5.92	6.26	9.22	8.74	7.68	7.98
East South Central	10.78	10.46	10.40	9.83	6.40	6.05	12.62	11.59	9.25	8.76
Alabama	11.59	11.36	10.85	10.57	6.35	6.14	--	--	9.42	9.15
Kentucky	10.05	9.74	9.35	8.42	5.82	5.41	--	--	8.22	7.51
Mississippi	11.33	10.79	10.89	10.15	6.90	6.56	--	--	9.73	9.18
Tennessee	10.37	10.08	10.47	10.09	6.88	6.64	12.62	11.59	9.64	9.31
West South Central	11.06	10.73	8.25	8.14	6.09	5.90	5.34	10.26	8.72	8.52
Arkansas	9.49	9.56	8.04	8.03	6.00	5.96	NM	NM	7.91	7.90
Louisiana	9.56	9.45	9.18	8.98	6.17	5.94	9.40	9.67	8.25	8.06
Oklahoma	10.04	9.74	8.15	7.81	5.71	5.41	--	--	8.23	7.92
Texas	11.75	11.32	8.11	8.04	6.14	5.95	5.07	10.34	9.01	8.80
Mountain	11.82	11.39	9.76	9.40	6.82	6.54	10.52	10.48	9.58	9.26
Arizona	12.13	11.83	10.14	9.98	6.82	6.78	--	--	10.42	10.31
Colorado	12.36	11.95	10.35	9.88	7.48	7.26	10.91	10.62	10.20	9.85
Idaho	9.71	9.30	7.80	7.35	6.56	6.23	--	--	7.94	7.55
Montana	10.28	10.42	9.56	9.52	5.50	5.35	--	--	8.62	8.57
Nevada	12.80	11.72	9.53	8.85	7.36	6.74	9.28	8.45	9.88	9.10
New Mexico	12.44	11.84	10.44	9.86	6.63	6.37	--	--	9.81	9.36
Utah	10.85	10.52	8.76	8.43	6.17	5.97	10.29	10.64	8.52	8.28
Wyoming	10.46	10.14	8.88	8.55	6.62	6.36	--	--	7.76	7.50
Pacific Contiguous	13.82	13.70	13.70	12.88	8.65	8.19	8.82	7.70	12.65	12.16
California	16.49	16.42	15.72	14.72	11.90	11.21	8.81	7.65	15.29	14.67
Oregon	10.45	9.91	8.79	8.37	6.15	5.84	9.20	8.87	8.76	8.33
Washington	8.78	8.66	7.92	7.72	4.32	4.17	8.28	8.22	7.17	7.01
Pacific Noncontiguous	29.77	28.72	26.62	25.35	26.70	25.98	--	--	27.57	26.55
Alaska	19.35	18.21	17.20	15.39	15.91	15.75	--	--	17.62	16.40
Hawaii	38.01	36.97	34.81	34.01	30.68	29.77	--	--	34.05	33.20
U.S. Total	12.53	12.15	10.78	10.34	7.11	6.87	10.33	10.26	10.52	10.14

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

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

Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.

Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.

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

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

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

	As of End of August 2014	Activity During September 2014 as Reported to EIA		As of End of September 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)	61,512.0	3.0	1.5	61,513.5	1.5	1,144.6	2,042.5	378.9	6,316.7	0.0	0.0	378.9	6,316.7	61,892.4	67,830.2
.... *Solar Photovoltaic*	*6,782.9*	*119.0*	*10.1*	*6,891.8*	*108.9*	*1,913.5*	*3,270.0*	*257.3*	*2,773.3*	*0.0*	*0.0*	*257.3*	*2,773.3*	*7,149.1*	*9,665.1*
.... *Solar Thermal without Energy Storage*	*1,116.0*	*0.0*	*3.5*	*1,112.5*	*-3.5*	*120.5*	*636.5*	*0.0*	*250.0*	*0.0*	*0.0*	*0.0*	*250.0*	*1,112.5*	*1,362.5*
.... *Solar Thermal with Energy Storage*	*295.4*	*0.0*	*0.0*	*295.4*	*0.0*	*45.4*	*295.4*	*0.0*	*116.0*	*0.0*	*0.0*	*0.0*	*116.0*	*295.4*	*411.4*
...... Solar Subtotal	8,194.3	119.0	13.6	8,299.7	105.4	2,079.4	4,201.9	257.3	3,139.3	0.0	0.0	257.3	3,139.3	8,557.0	11,439.0
...... Conventional Hydroelectric	79,159.0	51.5	98.7	79,111.8	-47.2	91.6	253.9	0.0	526.9	0.0	114.2	0.0	412.7	79,111.8	79,524.5
.... *Wood/Wood Waste Biomass*	*8,217.8*	*31.1*	*34.6*	*8,214.3*	*-3.5*	*13.0*	*570.5*	*46.5*	*76.0*	*0.0*	*15.5*	*46.5*	*60.5*	*8,260.8*	*8,274.8*
.... *Landfill Gas*	*2,088.1*	*0.0*	*22.2*	*2,065.9*	*-22.2*	*94.1*	*112.3*	*3.8*	*16.8*	*0.0*	*9.0*	*3.8*	*7.8*	*2,069.7*	*2,073.7*
.... *Municipal Solid Waste*	*2,220.3*	*10.4*	*0.0*	*2,230.7*	*10.4*	*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*	*0.0*	*0.0*	*816.1*	*0.0*	*-23.1*	*94.3*	*3.6*	*57.1*	*0.0*	*0.0*	*3.6*	*57.1*	*819.7*	*873.2*
...... Biomass Sources Subtotal	13,342.3	41.5	56.8	13,327.0	-15.3	84.0	777.1	53.9	234.9	0.0	24.5	53.9	210.4	13,380.9	13,537.4
...... Geothermal	2,668.0	0.0	0.0	2,668.0	0.0	-20.6	50.8	1.8	1.8	0.0	0.0	1.8	1.8	2,669.8	2,669.8
... Renewable Sources Subtotal	***164,875.6***	***215.0***	***170.6***	***164,920.0***	***44.4***	***3,379.0***	***7,326.2***	***691.9***	***10,219.6***	***0.0***	***138.7***	***691.9***	***10,080.9***	***165,611.9***	***175,000.9***
.... *Natural Gas Fired Combined Cycle*	*226,244.0*	*575.3*	*937.5*	*225,881.8*	*-362.2*	*1,003.1*	*1,625.1*	*1,060.7*	*6,080.1*	*26.0*	*32.0*	*1,034.7*	*6,048.1*	*226,916.5*	*231,929.9*
.... *Natural Gas Fired Combustion Turbine*	*124,819.1*	*355.3*	*252.7*	*124,921.7*	*102.6*	*514.8*	*534.8*	*48.8*	*1,473.5*	*0.0*	*1,335.0*	*48.8*	*138.5*	*124,970.5*	*125,060.2*
.... *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*	*78,521.1*	*461.6*	*59.8*	*78,922.9*	*401.8*	*1,364.9*	*907.9*	*259.2*	*713.7*	*3.2*	*285.0*	*256.0*	*428.7*	*79,178.9*	*79,351.6*
...... Natural Gas Subtotal	429,694.2	1,392.2	1,250.0	429,836.4	142.2	2,882.8	3,067.8	1,368.7	8,267.3	29.2	1,652.0	1,339.5	6,615.3	431,175.9	436,451.7
.... *Conventional Steam Coal*	*301,351.7*	*1,596.2*	*2,216.1*	*300,731.8*	*-619.9*	*-4,481.5*	*-7,573.6*	*0.0*	*92.1*	*531.9*	*11,838.7*	*-531.9*	*-11,746.6*	*300,199.9*	*288,985.2*
.... *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	302,142.7	1,596.2	2,216.1	301,522.8	-619.9	-4,481.1	-7,573.2	0.0	92.1	531.9	11,838.7	-531.9	-11,746.6	300,990.9	289,776.2
...... Petroleum Coke	2,321.1	3.0	4.4	2,319.7	-1.4	-389.6	-389.6	0.0	0.0	0.0	0.0	0.0	0.0	2,319.7	2,319.7
...... Petroleum Liquids	40,469.7	145.8	39.6	40,575.9	106.2	-2,362.9	-2,955.3	0.0	3.0	1.1	845.2	-1.1	-842.2	40,574.8	39,733.7
...... Other Gases	1,969.4	130.0	0.0	2,099.4	130.0	157.8	157.8	0.0	0.0	40.0	43.2	-40.0	-43.2	2,059.4	2,056.2
... Fossil Fuels Subtotal	***776,597.1***	***3,267.2***	***3,510.1***	***776,354.2***	***-242.9***	***-4,193.0***	***-7,692.5***	***1,368.7***	***8,362.4***	***602.2***	***14,379.1***	***766.5***	***-6,016.7***	***777,120.7***	***770,337.5***
...... 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	***99,180.1***	***68.3***	***6.0***	***99,242.4***	***62.3***	***137.4***	***245.4***	***0.0***	***0.0***	***0.0***	***604.3***	***0.0***	***-604.3***	***99,242.4***	***98,638.1***
... All Other	***2,269.1***	***0.8***	***219.3***	***2,050.6***	***-218.5***	***486.5***	***486.5***	***20.0***	***34.0***	***0.0***	***0.0***	***20.0***	***34.0***	***2,070.6***	***2,084.6***
TOTAL	**1,065,525.8**	**3,551.3**	**3,906.0**	**1,065,171.1**	**-354.7**	**-140.3**	**416.4**	**2,080.6**	**18,730.0**	**602.2**	**15,122.1**	**1,478.4**	**3,607.9**	**1,066,649.5**	**1,068,779.0**

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, September 2014 and 2013 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	4,489.8	4,183.9	22,899.1	24,383.8	1,775.4	1,753.4	3.0	3.0	4,630.3	4,630.3	52.9	48.0	33,850.5	35,002.4
Connecticut	331.6	294.7	6,247.2	6,378.2	29.4	29.4	0.0	0.0	2,102.5	2,102.5	30.9	26.0	8,741.6	8,830.8
Maine	1,817.3	1,696.6	2,752.8	2,764.9	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,592.1	4,483.5
Massachusetts	823.2	769.6	9,803.1	11,149.4	1,746.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	13,052.6	14,323.3
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	537.7	530.7	99.5	99.8	0.0	0.0	0.0	0.0	604.3	604.3	0.0	0.0	1,241.5	1,234.8
Middle Atlantic	10,064.2	9,685.4	68,939.2	71,185.8	3,341.0	3,321.0	40.0	48.0	19,229.4	19,055.4	11.2	11.2	101,625.0	103,306.8
New Jersey	586.1	481.7	13,558.7	13,927.4	420.0	400.0	0.0	0.0	4,107.5	4,114.5	11.2	11.2	18,683.5	18,934.8
New York	6,615.2	6,445.3	26,442.6	25,914.2	1,400.0	1,400.0	20.0	28.0	5,415.1	5,263.3	0.0	0.0	39,892.9	39,050.8
Pennsylvania	2,862.9	2,758.4	28,937.9	31,344.2	1,521.0	1,521.0	20.0	20.0	9,706.8	9,677.6	0.0	0.0	43,048.6	45,321.2
East North Central	9,270.0	8,797.7	121,366.6	123,691.3	1,872.0	1,871.0	24.0	0.0	18,861.2	18,809.2	109.6	114.1	151,503.4	153,283.3
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	25,388.4	25,635.7	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,209.6	27,387.6
Michigan	1,947.2	1,574.3	22,331.2	23,059.6	1,872.0	1,871.0	0.0	0.0	3,936.2	3,936.2	0.0	0.0	30,086.6	30,441.1
Ohio	715.9	755.4	28,834.6	29,922.8	0.0	0.0	24.0	0.0	2,150.0	2,150.0	0.5	0.0	31,725.0	32,828.2
Wisconsin	1,155.5	1,089.0	15,011.8	15,220.9	0.0	0.0	0.0	0.0	1,197.5	1,182.0	21.1	21.1	17,385.9	17,513.0
West North Central	18,472.7	17,734.4	62,206.5	62,223.7	657.0	657.0	1.0	0.0	5,888.0	5,805.0	24.5	23.7	87,249.7	86,443.8
Iowa	5,216.8	5,167.4	10,134.7	10,250.5	0.0	0.0	0.0	0.0	601.4	601.4	0.0	0.0	15,952.9	16,019.3
Kansas	2,990.9	2,733.2	10,193.1	10,185.1	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.8	0.0	14,359.8	14,093.3
Minnesota	3,517.9	3,390.9	10,435.5	10,444.8	0.0	0.0	1.0	0.0	1,673.0	1,594.0	18.4	18.4	15,645.8	15,448.1
Missouri	1,049.2	1,038.1	18,910.3	19,129.6	657.0	657.0	0.0	0.0	1,194.0	1,190.0	0.0	0.0	21,810.5	22,014.7
Nebraska	1,030.4	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	8,659.8	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	12,383.5	11,736.9	162,186.4	162,313.9	7,905.2	7,905.2	32.0	32.0	24,562.6	24,603.0	930.0	406.0	207,999.7	206,997.0
Delaware	38.3	38.3	3,207.4	3,329.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,245.7	3,367.9
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	1,311.6	1,160.0	54,342.3	53,821.8	0.0	0.0	0.0	0.0	3,572.0	3,700.0	780.0	352.0	60,005.9	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	912.3	902.9	9,627.2	9,618.4	0.0	0.0	0.0	0.0	1,716.0	1,716.0	0.0	0.0	12,255.5	12,237.3
North Carolina	2,925.4	2,652.9	22,013.5	22,029.0	86.0	86.0	0.0	0.0	5,076.1	5,056.0	54.0	54.0	30,155.0	29,877.9
South Carolina	1,769.5	1,726.7	11,979.9	12,134.7	2,716.0	2,716.0	0.0	0.0	6,556.2	6,508.0	0.0	0.0	23,021.6	23,085.4
Virginia	1,747.6	1,591.0	16,160.5	16,420.6	3,241.0	3,241.0	0.0	0.0	3,581.3	3,562.0	96.0	0.0	24,826.4	24,814.6
West Virginia	872.2	872.2	15,373.1	15,411.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,277.3	16,315.3
East South Central	7,929.2	7,941.6	70,846.6	70,955.3	1,616.3	1,616.3	0.0	0.0	9,857.5	9,863.1	151.4	1.4	90,401.0	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	14,376.7	14,050.5	0.0	0.0	0.0	0.0	1,413.4	1,419.0	151.4	1.4	16,219.7	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	20,565.5	19,693.2	146,786.8	146,518.3	288.0	288.0	36.0	37.0	8,904.4	8,922.0	435.1	435.9	177,015.8	175,894.4
Arkansas	1,630.0	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	14,783.3	15,925.3
Louisiana	642.9	571.5	23,257.3	22,634.8	0.0	0.0	0.0	0.0	2,125.4	2,134.0	202.3	207.6	26,227.9	25,547.9
Oklahoma	4,078.3	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	23,302.2	23,491.3
Texas	14,214.3	13,384.5	93,259.3	92,320.1	0.0	0.0	36.0	37.0	4,960.0	4,960.0	232.8	228.3	112,702.4	110,929.9
Mountain	20,141.2	19,368.0	64,639.1	65,104.1	778.8	778.8	2.6	1.8	3,937.0	3,937.0	111.4	111.4	89,610.1	89,301.1
Arizona	4,263.4	3,800.8	19,592.1	20,125.9	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,008.8	28,080.0
Colorado	3,128.7	3,086.1	11,200.8	11,324.9	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,901.3	14,982.8
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	3,391.2	3,398.0	2,911.7	2,913.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,346.9	6,355.7
Nevada	2,119.5	1,936.1	8,679.6	8,559.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,799.1	10,495.8
New Mexico	1,081.7	1,028.6	6,878.9	7,432.9	0.0	0.0	2.6	1.8	0.0	0.0	0.0	0.0	7,963.2	8,463.3
Utah	666.0	641.1	7,629.3	6,959.7	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	8,327.1	7,632.6
Wyoming	1,715.6	1,714.4	6,609.3	6,654.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,336.4	8,380.1
Pacific Contiguous	60,555.9	57,436.1	52,490.9	53,656.0	4,177.6	4,177.6	6.0	0.0	3,372.0	3,372.0	197.9	385.8	120,800.3	119,027.5
California	24,142.7	21,150.8	44,063.1	44,909.1	3,863.6	3,863.6	6.0	0.0	2,240.0	2,240.0	140.6	375.8	74,456.0	72,539.3
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	24,336.3	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	30,942.0
Pacific Noncontiguous	1,048.0	1,016.6	3,993.0	4,014.5	0.0	0.0	48.0	63.0	0.0	0.0	26.6	26.6	5,115.6	5,120.7
Alaska	482.6	480.2	1,922.4	1,849.3	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,432.0	2,356.5
Hawaii	565.4	536.4	2,070.6	2,165.2	0.0	0.0	21.0	36.0	0.0	0.0	26.6	26.6	2,683.6	2,764.2
U.S. Total	164,920.0	157,593.8	776,354.2	784,046.7	22,411.3	22,368.3	192.6	184.8	99,242.4	98,997.0	2,050.6	1,564.1	1,065,171.1	1,064,754.7

Values are preliminary.

NOTES:

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

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

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

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	800.9	785.0	230.1	59.0	0.0	0.0	1,960.3	1,957.2	1,498.5	1,382.7	0.0	0.0	4,489.8	4,183.9
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	734.4	734.4	652.3	534.6	0.0	0.0	1,817.3	1,696.6
Massachusetts	76.1	64.7	204.0	49.1	0.0	0.0	263.0	260.4	280.1	395.4	0.0	0.0	823.2	769.6
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	14.2	8.0	0.0	0.0	323.6	323.6	79.7	78.9	0.0	0.0	537.7	530.7
Middle Atlantic	3,082.2	3,017.7	441.5	321.8	0.0	0.0	5,214.7	5,079.2	1,325.8	1,266.7	0.0	0.0	10,064.2	9,685.4
New Jersey	7.5	7.5	354.5	253.3	0.0	0.0	3.3	3.3	220.8	217.6	0.0	0.0	586.1	481.7
New York	1,730.8	1,636.4	46.2	31.5	0.0	0.0	4,320.2	4,314.4	518.0	463.0	0.0	0.0	6,615.2	6,445.3
Pennsylvania	1,343.9	1,373.8	40.8	37.0	0.0	0.0	891.2	761.5	587.0	586.1	0.0	0.0	2,862.9	2,758.4
East North Central	7,073.8	6,773.4	137.5	62.6	0.0	0.0	884.0	817.2	1,174.7	1,144.5	0.0	0.0	9,270.0	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	291.9	237.0	439.4	462.5	0.0	0.0	1,947.2	1,574.3
Ohio	424.1	469.2	34.1	30.1	0.0	0.0	101.7	101.7	156.0	154.4	0.0	0.0	715.9	755.4
Wisconsin	369.0	369.6	0.0	0.0	0.0	0.0	396.8	384.9	389.7	334.5	0.0	0.0	1,155.5	1,089.0
West North Central	14,659.2	14,027.5	9.4	0.0	0.0	0.0	3,292.6	3,282.7	511.5	424.2	0.0	0.0	18,472.7	17,734.4
Iowa	5,051.5	5,005.0	0.0	0.0	0.0	0.0	144.9	147.8	20.4	14.6	0.0	0.0	5,216.8	5,167.4
Kansas	2,968.9	2,718.9	0.0	0.0	0.0	0.0	7.0	7.2	15.0	7.1	0.0	0.0	2,990.9	2,733.2
Minnesota	2,893.7	2,842.3	1.7	0.0	0.0	0.0	184.6	176.1	437.9	372.5	0.0	0.0	3,517.9	3,390.9
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	736.9	455.4	0.0	0.0	0.0	0.0	277.8	275.3	15.7	10.9	0.0	0.0	1,030.4	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	640.9	342.1	0.0	0.0	7,172.5	7,174.6	3,864.8	3,514.9	0.0	0.0	12,383.5	11,736.9
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	1,190.7	1,039.1	0.0	0.0	1,311.6	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	147.1	143.3	0.0	0.0	912.3	902.9
North Carolina	0.0	0.0	427.4	194.6	0.0	0.0	1,997.0	1,991.7	501.0	466.6	0.0	0.0	2,925.4	2,652.9
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	724.8	0.0	0.0	1,747.6	1,591.0
West Virginia	583.3	583.3	0.0	0.0	0.0	0.0	286.7	286.7	2.2	2.2	0.0	0.0	872.2	872.2
East South Central	29.1	29.1	13.6	12.8	0.0	0.0	6,721.4	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	16,110.6	15,311.8	120.3	75.2	0.0	0.0	3,056.2	3,083.2	1,278.4	1,223.0	0.0	0.0	20,565.5	19,693.2
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1,324.2	1,340.7	305.8	325.8	0.0	0.0	1,630.0	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	869.2	861.2	76.2	76.6	0.0	0.0	4,078.3	4,070.7
Texas	12,977.7	12,178.9	120.3	75.2	0.0	0.0	670.8	689.3	445.5	441.1	0.0	0.0	14,214.3	13,384.5
Mountain	6,815.2	6,781.9	1,730.4	1,373.1	363.9	69.5	10,560.0	10,551.4	184.8	159.9	486.9	432.2	20,141.2	19,368.0
Arizona	237.3	237.3	971.3	803.6	295.4	1.0	2,720.9	2,720.4	38.5	38.5	0.0	0.0	4,263.4	3,800.8
Colorado	2,302.9	2,294.9	120.2	117.6	0.0	0.0	678.2	660.6	27.4	13.0	0.0	0.0	3,128.7	3,086.1
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	2,756.1	2,770.2	3.0	0.0	0.0	0.0	3,391.2	3,398.0
Nevada	150.0	150.0	444.1	288.8	68.5	68.5	1,051.4	1,051.4	3.2	3.2	402.3	374.2	2,119.5	1,936.1
New Mexico	797.3	777.5	193.5	161.8	0.0	0.0	82.9	82.9	6.4	6.4	1.6	0.0	1,081.7	1,028.6
Utah	324.4	324.4	1.3	1.3	0.0	0.0	255.3	255.4	12.0	12.0	73.0	48.0	666.0	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	11,971.6	11,776.1	3,535.9	1,362.0	1,044.0	406.5	39,809.5	39,751.9	2,056.8	1,997.6	2,138.1	2,142.0	60,555.9	57,436.1
California	6,004.4	5,818.0	3,522.7	1,350.8	1,044.0	406.5	10,125.1	10,150.3	1,326.1	1,300.9	2,120.4	2,124.3	24,142.7	21,150.8
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	21,146.9	403.2	382.7	0.0	0.0	24,378.7	24,336.3
Pacific Noncontiguous	265.6	263.2	32.2	13.2	0.0	0.0	440.6	440.6	266.6	256.6	43.0	43.0	1,048.0	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	259.6	249.6	43.0	43.0	565.4	536.4
U.S. Total	61,513.5	59,471.0	6,891.8	3,621.8	1,407.9	476.0	79,111.8	78,857.9	13,327.0	12,549.9	2,668.0	2,617.2	164,920.0	157,593.8

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

Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, September 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	
	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013	September 2014	September 2013
New England	11,708.6	12,194.9	1,110.3	1,223.5	878.8	858.0	2,089.3	2,547.1	0.0	0.0	7,112.1	7,560.3	0.0	0.0	22,899.1	24,383.8
Connecticut	2,492.3	2,511.7	481.2	591.6	63.3	61.2	383.4	383.4	0.0	0.0	2,827.0	2,830.3	0.0	0.0	6,247.2	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	1,001.6	1,004.9	0.0	0.0	2,752.8	2,764.9
Massachusetts	5,033.1	5,505.0	328.1	322.1	686.1	667.4	1,087.0	1,544.8	0.0	0.0	2,668.8	3,110.1	0.0	0.0	9,803.1	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	22,403.5	22,478.6	8,754.1	8,767.0	10,144.4	8,766.3	18,990.8	21,380.7	11.6	11.6	8,534.4	9,681.2	100.4	100.4	68,939.2	71,185.8
New Jersey	5,832.0	5,870.3	4,056.1	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	13,558.7	13,927.4
New York	8,232.8	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	5,010.1	5,035.4	0.0	0.0	26,442.6	25,914.2
Pennsylvania	8,338.7	8,269.7	1,681.0	1,661.9	1,798.6	928.8	14,607.7	17,039.9	0.0	0.0	2,411.5	3,343.5	100.4	100.4	28,937.9	31,344.2
East North Central	16,281.9	16,838.4	25,837.7	25,748.8	3,524.3	3,430.8	71,294.0	73,005.2	570.1	570.1	2,925.5	3,191.9	933.1	906.1	121,366.6	123,691.3
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	3,189.6	8.7	6.5	18,648.2	18,686.0	274.0	274.0	268.4	456.4	598.3	571.3	25,388.4	25,635.7
Michigan	4,210.1	4,777.0	3,614.4	3,412.1	3,014.7	2,992.6	10,927.5	11,261.8	47.2	47.2	517.3	568.9	0.0	0.0	22,331.2	23,059.6
Ohio	3,963.8	3,963.8	5,426.7	5,443.1	133.4	57.4	18,092.5	19,204.5	142.0	142.0	859.1	894.9	217.1	217.1	28,834.6	29,922.8
Wisconsin	2,671.3	2,669.1	3,371.4	3,389.4	139.5	135.6	8,125.2	8,311.3	106.9	106.9	597.5	608.6	0.0	0.0	15,011.8	15,220.9
West North Central	5,681.6	5,724.1	11,513.8	11,241.8	3,321.1	3,257.3	37,528.1	37,854.8	32.0	32.0	4,121.5	4,105.3	8.4	8.4	62,206.5	62,223.7
Iowa	1,112.8	1,161.5	1,106.2	1,113.9	299.1	261.4	6,566.3	6,683.4	32.0	32.0	1,018.3	998.3	0.0	0.0	10,134.7	10,250.5
Kansas	0.0	0.0	2,361.5	2,377.8	2,139.2	2,043.0	5,150.1	5,223.0	0.0	0.0	542.3	541.3	0.0	0.0	10,193.1	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	809.3	804.0	0.0	0.0	10,435.5	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	1,146.2	1,161.4	0.0	0.0	18,910.3	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	46,136.5	44,804.2	31,771.1	31,521.0	4,773.0	4,026.3	64,432.6	65,986.3	669.8	633.8	14,138.4	15,207.3	265.0	135.0	162,186.4	162,313.9
Delaware	1,136.0	1,130.0	225.0	355.0	892.0	878.2	575.0	726.0	0.0	0.0	114.4	105.4	265.0	135.0	3,207.4	3,329.6
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	0.0	0.0	9.0	10.0
Florida	25,879.9	25,157.6	8,410.2	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	54,342.3	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	1,499.4	1,488.3	330.9	335.5	4,757.0	4,757.0	0.0	0.0	2,809.9	2,807.6	0.0	0.0	9,627.2	9,618.4
North Carolina	4,706.6	4,075.6	6,035.7	6,068.2	74.0	74.0	10,794.8	11,394.8	0.0	0.0	402.4	416.4	0.0	0.0	22,013.5	22,029.0
South Carolina	2,416.0	2,281.7	2,841.2	2,852.2	110.8	110.8	5,950.5	6,225.5	0.0	0.0	661.4	664.5	0.0	0.0	11,979.9	12,134.7
Virginia	3,846.2	3,969.3	3,877.6	3,877.6	557.4	320.7	5,543.6	5,884.3	0.0	0.0	2,335.7	2,368.7	0.0	0.0	16,160.5	16,420.6
West Virginia	0.0	0.0	1,073.9	1,073.9	5.6	5.6	14,282.6	14,320.6	0.0	0.0	11.0	11.0	0.0	0.0	15,373.1	15,411.1
East South Central	18,319.7	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	70,846.6	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	7,543.6	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	14,376.7	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	57,150.9	56,455.9	12,338.0	12,135.5	37,776.5	38,020.0	37,956.7	37,921.3	984.2	1,409.8	200.6	195.9	379.9	379.9	146,786.8	146,518.3
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	3,414.0	973.6	975.0	49.3	46.9	34.3	34.3	23,257.3	22,634.8
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	38,369.5	36,958.7	7,780.1	7,780.3	22,597.3	22,669.3	24,091.5	24,068.9	10.6	434.8	64.7	62.5	345.6	345.6	93,259.3	92,320.1
Mountain	21,884.5	21,672.5	8,854.8	8,866.5	3,324.2	3,336.6	30,096.0	30,756.4	52.0	52.0	332.7	325.2	94.9	94.9	64,639.1	65,104.1
Arizona	9,888.4	10,418.2	2,357.6	2,353.6	1,105.6	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	1,380.6	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	8,679.6	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	4.4	0.0	0.0	6,878.9	7,432.9
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	0.0	0.0	116.6	116.6	6.0	6.0	6,387.5	6,432.4	0.0	0.0	5.8	5.8	93.4	93.4	6,609.3	6,654.2
Pacific Contiguous	25,709.4	25,706.2	11,392.2	11,544.9	12,551.3	13,549.2	2,177.8	2,231.5	0.0	0.0	448.3	413.1	211.9	211.1	52,490.9	53,656.0
California	20,024.4	19,762.1	10,617.2	10,709.9	12,523.7	13,521.6	252.8	306.5	0.0	0.0	433.1	397.9	211.9	211.1	44,063.1	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	2,557.3	2,653.9	6.0	6.0	3,993.0	4,014.5
Alaska	605.2	577.0	520.2	472.1	13.8	15.0	110.5	110.5	0.0	0.0	672.7	674.7	0.0	0.0	1,922.4	1,849.3
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	6.0	6.0	2,070.6	2,165.2
U.S. Total	225,881.8	224,256.7	124,921.7	124,386.9	79,032.9	78,125.0	301,522.8	309,096.0	2,319.7	2,709.3	40,575.9	43,531.2	2,099.4	1,941.6	776,354.2	784,046.7

Values are preliminary.

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of 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	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	58989	SunE CRF11 LLC	IPP	Hesperia	CA	59182	10-94	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

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

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	10	58926	Anderson Farm LLC	IPP	Anderson Farm LLC	NC	59115	1	1.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	58712	Bethel Price Solar, LLC	IPP	Bethel Price Solar, LLC	NC	58843	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01A	40.0	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
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	(TS) Construction complete, but not yet in commercial operation
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01C	20.0	All Other	WH	CA	(TS) Construction complete, but not yet in commercial operation
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	(TS) Construction complete, but not yet in commercial operation
2014	10	58841	Broken Bow Wind II, LLC	IPP	Broken Bow Wind II, LLC	NE	58981	BBII	73.1	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation
2014	10	59163	DESRI V LA County Solar, LLC	IPP	Capeline Solar	CA	59400	CAP1	0.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	10	59163	DESRI V LA County Solar, LLC	IPP	LAX Solar	CA	59403	LAX1	0.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	10	59163	DESRI V LA County Solar, LLC	IPP	Layline Solar	CA	59401	LAY1	0.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	10	59163	DESRI V LA County Solar, LLC	IPP	Van Nuys Solar	CA	59402	VAN1	0.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	10	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	10	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	10	58883	ERWR Whitcomb Farm Solar LLC	IPP	Whitcomb Solar Farm	VT	59049	PS01	2.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
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	(TS) Construction complete, but not yet in commercial operation
2014	10	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	10	58970	Ecoplexus, Inc	IPP	Sterling PV 3	CO	59198	STER3	1.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	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	10	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	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL19	25.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL8	18.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL9	22.7	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	59129	Foundation CA Fund VII Manager, LLC	Industrial	Anheuser-Busch #2	CA	59331	ANB2	1.6	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	10	59129	Foundation CA Fund VII Manager, LLC	IPP	City of Soledad Water Reclamation Facility	CA	59329	SOL1	1.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	10	59129	Foundation CA Fund VII Manager, LLC	IPP	Taylor Farms	CA	59330	TAY1	1.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	10	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
2014	10	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
2014	10	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
2014	10	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
2014	10	49893	Invenergy Services LLC	IPP	Spring Canyon II Wind Energy Center	CO	58769	1	34.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	10	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	10	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	10	57503	Limon	IPP	Limon III Wind LLC	CO	59083	WT1	200.6	Onshore Wind Turbine	WND	WT	(OP) Operating
2014	10	58413	Lone Valley Solar Park I LLC	IPP	Lone Valley Solar Park I LLC	CA	58417	CP1	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	59041	Lone Valley Solar Park II LLC	IPP	Lone Valley Solar Park II LLC	CA	59237	CPII	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	58911	Market Farm LLC	IPP	Market Farm	NC	59105	1	4.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS13	57.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS15	14.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	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	10	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	10	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	10	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	10	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	10	59139	SunEdison LLC	IPP	SCE-Snowline-Duncan Road (North)	CA	59359	10400	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	59139	SunEdison LLC	IPP	SCE-Snowline-Duncan Road (South)	CA	59360	11113	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	18260	Surprise Valley Electrification	Electric Utility	Paisley Geothermal Generating Plant	OR	59382	SVEP1	1.8	Geothermal	GEO	ST	(U) Under construction, less than or equal to 50 percent complete
2014	10	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	10	58494	WSACC	IPP	WSACC Power Generation Facility	NC	58518	1	0.8	Other Waste Biomass	SLW	ST	(TS) Construction complete, but not yet in commercial operation
2014	10	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	10	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	10	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	10	58716	Windsor Cooper Hill Solar, LLC	IPP	Windsor Cooper HIill Solar, LLC	NC	58847	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	59044	Windthorst-2 LLC	IPP	Windthorst-2	TX	59238	WND2	67.6	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	803	Arizona Public Service Co	Electric Utility	Gila Bend	AZ	59020	PV1	32.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	59205	Baker Station Associates, LP	IPP	Baker Creek Hydroelectric	CA	59428	GENE1		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	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 50 percent complete
2014	11	58818	BearPond Solar Center LLC	IPP	BearPond Solar Center LLC	NC	58955	BEAR	4.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	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	57365	Consolidated Edison Solutions Inc	IPP	Port Richmond WWT Solar	NY	58647	1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	4254	Consumers Energy Co	Electric Utility	Cross Winds Energy Park	MI	58830	CWEP	111.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB1	3.3	Other Waste Biomass	OBG	GT	(P) Planned for installation, but regulatory approvals not initiated
2014	11	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB2	3.3	Other Waste Biomass	OBG	GT	(P) Planned for installation, but regulatory approvals not initiated
2014	11	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB3	3.3	Other Waste Biomass	OBG	GT	(P) Planned for installation, but regulatory approvals not initiated
2014	11	58816	Dessie Solar Center LLC	IPP	Dessie Solar Center LLC	NC	58952	DESS	4.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58713	Dogwood Solar, LLC	IPP	Dogwood Solar, LLC	NC	58844	NA	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	11	58908	Dragstrip Farm LLC	IPP	Dragstrip Farm	NC	59102	1	5.0	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	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	6915	Galena Electric Utility	Electric Utility	Galena Electric Utility	AK	7437	2A	0.3	Petroleum Liquids	DFO	IC	(P) Planned for installation, but regulatory approvals not initiated
2014	11	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	11	58819	Graham Solar Center LLC	IPP	Graham Solar Center LLC	NC	58957	GRAH	4.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	7570	Great River Energy	Electric Utility	Spiritwood Station	ND	56786	1	62.0	Conventional Steam Coal	LIG	ST	(V) Under construction, more than 50 percent complete
2014	11	57480	Heritage Garden Wind Farm I LLC	IPP	Big Turtle Wind Farm, LLC	MI	58891	BTWF1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	11	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	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
2014	11	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
2014	11	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	11	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	11	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	11	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	11	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	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	58912	Mount Olive Farm LLC	IPP	Mount Olive Farm	NC	59107	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	56990	NJR Clean Energy Ventures Corporation	IPP	North Run	NJ	59318	NRUN1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	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	56980	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	MG202	14.0	All Other	WH	ST	(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	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	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	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	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

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	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	(P) Planned for installation, but regulatory approvals not initiated
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	(P) Planned for installation, but regulatory approvals not initiated
2014	12	59185	CD US Solar PO 3, LLC	IPP	Mitchell Solar, LLC	CA	59411	SNL18	1.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	59185	CD US Solar PO 3, LLC	IPP	Rudy Solar, LLC	CA	59410	SNL19	1.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	1	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	12	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	2	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	12	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
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	10	21.0	Solar Photovoltaic	SUN	PV	(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
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	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	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	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	12	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0002	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	12	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0003	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	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	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	59132	Faison Solar LLC	IPP	Faison Solar	NC	59333	FAIS1	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
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	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	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	59091	Hollister Solar LLC	IPP	Hollister Solar LLC	CA	59268	PV10	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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	58975	Jakana Solar	IPP	Jakana Solar	NC	59170	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	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	59089	Merced Solar LLC	IPP	Merced Solar LLC	CA	59265	PV8	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS22	55.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	12647	Minnesota Power Inc	Electric Utility	Bison 4 Wind Energy Center	ND	58872	BISO4	205.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	59090	Mission Solar LLC	IPP	Mission Solar LLC	CA	59267	PV9	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	59180	Newman Solar LLC	IPP	Newman Solar	TX	59407	NEW1	10.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
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 I	OK	59311	SEIL1	199.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 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	59177	Petra Engineering	IPP	Loy Farm Solar	NC	59406	SYS1	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
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	59322	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	(V) Under construction, more than 50 percent complete
2014	12	59175	Searchlight Solar LLC	IPP	Searchlight Solar	NV	59404	1	17.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58820	Shankle Solar Center LLC	IPP	Shankle Solar Center LLC	NC	58956	SHAN	4.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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

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 #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
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	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
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	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
2014	12	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
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	59176	Diamond Valley Solar LLC	IPP	Diamond Valley Solar Project	CA	59405	PV11	1.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	1	11208	Los Angeles Department of Water & Power	Electric Utility	Maclay Solar Project	CA	57308	1	2.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS01	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS02	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS03	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS04	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS05	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS06	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS07	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS08	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS09	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS10	16.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS23	47.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	11	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	12	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	2	18.5	Other Natural Gas	NG	IC	(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	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	8	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Parkland Landfill Solar	NJ	59001	PARK	7.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 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	9	24.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	2	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6A	168.2	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	2	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6B	168.2	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	2	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6C	224.7	Natural Gas Fired Combined Cycle	NG	CA	(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
2015	2	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	44.0	Solar Photovoltaic	SUN	PV	(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	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	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	(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	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	(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-2	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 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	58985	Marion Solar LLC	IPP	Belmont	IN	59172	PV1	3.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	3	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	3	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	3	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS12	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	8.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	58814	Sibley Wind Substation LLC	IPP	Sibley Wind	MN	58950	SW-1	19.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	3	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	(L) Regulatory approvals pending. Not under construction
2015	3	58661	sPower	IPP	SEPV Palmdale East	CA	59273	PALME	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	3	58661	sPower	IPP	Sterlington Greenworks LLC	NY	59275	STERG	1.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	3	58661	sPower	IPP	Sutter Greeworks LLC	NY	59274	SUTTG	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
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	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	(P) Planned for installation, but regulatory approvals not initiated
2015	4	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	8	26.0	Solar Photovoltaic	SUN	PV	(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	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	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	4	12670	Missouri Jnt Muni.Pwr Elec. Ut. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	4	12670	Missouri Jnt Muni.Pwr Elec. Ut. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT2	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(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	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	4	58919	Yanceyville Farm 2 LLC	IPP	Yanceyville Farm 2 LLC	NC	59113	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	5	58706	67RK 8me LLC	IPP	Redcrest Solar Farm	CA	58831	PV-1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	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	56769	Consolidated Edison Development Inc.	IPP	Atwell Island West Solar	CA	59414	AWCA	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	5	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	7	26.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	(L) Regulatory approvals pending. 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	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV2	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV3	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV4	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV1	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV2	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV3	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV4	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV5	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV6	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV7	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV8	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar Farm, LLC	NC	58840	INV9	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
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	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
2015	6	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV10	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV2	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV3	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV4	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV5	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV6	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV7	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	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
2015	6	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV9	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
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

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 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
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	Green Farm	NC	59148	GREEN	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	6	26.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2015	6	59206	Downs Solar Farm, LLC	IPP	Downs Solar Farm	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	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	(P) Planned for installation, but regulatory approvals not initiated
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	7	11208	Los Angeles Department of Water & Power	Commercial	VA Sepulveda Ambulatory Care Center	CA	58249	GEN1	3.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	8	58897	70SM 8me LLC	IPP	Calipatria Solar Farm	CA	59088	GEN 1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
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	(L) Regulatory approvals pending. Not under construction
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG2	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	8	49805	Kennecott Utah Copper	Industrial	Kennecott Power Plant	UT	56163	MCHP	5.9	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	8	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	8	57331	Soitec Solar Development LLC	IPP	Tierra Del Sol Solar Farm LLC	CA	57961	1	45.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	49932	Enel North America, Inc.	IPP	Mustang Run Wind Project LLC	OK	59000	MRWP	136.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	9	49932	Enel North America, Inc.	IPP	Origin Wind	MA	58938	WT	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	9	15399	Iberdrola Renewables Inc	Electric CHP	Lakeview Cogeneration LLC	OR	57398	1	24.0	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete
2015	9	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	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
2015	9	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
2015	9	57331	Soitec Solar Development LLC	IPP	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	9	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS50	49.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	9	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN1	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	9	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN2	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	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

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-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
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	87RL 8me LLC	IPP	Woodmere Solar Farm	CA	59008	PV1	15.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	10	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	5580	East Kentucky Power Coop, Inc	Electric Utility	Green Valley LFGTE	KY	56278	4	0.8	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	10	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	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	58849	Mariah North West LLC	IPP	Mariah Renewable Energy Center Phase 1	TX	59005	MAR1	109.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	10	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	(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	10	58918	West Siler Farm LLC	IPP	West Siler Farm LLC	NC	59112	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	11	58574	Canton Mountain Wind LLC	IPP	Canton Mountain Wind	ME	58620	1	22.8	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	11	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	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 LLC	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	Sugar 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	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	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	Guersney 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	Mililani 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

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	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	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
2015	12	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project	IA	58883	HLWF	502.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	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	WTG	75.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56545	Pattern Operators LP	IPP	Texas Gulf Wind 2	TX	56662	1	187.2	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	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	0.0	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	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
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	25438	Friant Power Authority	IPP	Friant Hydro Facility	CA	50393	RO2	9.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2016	1	58880	Gallegos Wind Farm LLC	IPP	Gallegos Wind Farm, Phase 1	NM	59047	GEN 1	180.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2016	1	4361	Ingredion Inc - Stockton	Industrial	Ingredion Stockton	CA	52115	GEN2	6.5	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2016	1	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	LEFT	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2016	1	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	RGHT	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2016	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	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	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	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS52	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
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

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	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	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5EG	1.0	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-2	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	58848	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	59137	Palmer Renewable Energy	IPP	Palmer Renewable Energy	MA	59336	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	9	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	1	27.5	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2016	9	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	2	27.5	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2016	10	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind III	TX	58775	GEN1	161.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2016	10	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
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

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	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	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5STA	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction
2016	12	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5STB	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Allegany Wind Farm	NY	58779	1	72.5	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Cassadaga Wind Farm	NY	58777	1	125.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Coyote Crest Wind Farm	WA	58778	1	126.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Scioto Ridge Wind Farm	OH	58780	1	300.0	Onshore Wind Turbine	WND	WT	(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	(L) Regulatory approvals pending. Not under construction
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	56094	Medicine Bow Fuel & Power LLC	IPP	Medicine Bow Fuel & Power LLC	WY	56452	1	350.0	Coal Integrated Gasification Combined Cycle	BIT	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	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	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	56424	Quilt Block Wind Farm LLC	IPP	Quilt Block Wind Farm LLC	WI	57116	GEN 1	99.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58843	Searchlight Wind Energy LLC	IPP	Searchlight Wind	NV	58988	1	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	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 LLC	IPP	Watkins Glen Wind Energy Center	NY	59041	WGWEC	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2017	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
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

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	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	56949	Paulding Wind Farm LLC	IPP	Paulding Wind Farm LLC	OH	57611	GEN1	49.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-A	687.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	12	56061	Reedsport OPT Wave Park LLC	IPP	Reedsport OPT Wave Park	OR	56906	1	1.5	Hydrokinetic	WAT	HB	(L) Regulatory approvals pending. Not under construction
2018	1	56794	CE Obsidian Energy LLC	IPP	Black Rock I	CA	57477	G3201	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2018	1	2719	CalWind Resources Inc	IPP	Tehachapi Wind Resource II	CA	54909	PLAN	15.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2018	1	58763	LotusWorks-Summit Ridge I, LLC	IPP	Summit Ridge I Wind Farm	OR	58894	SRWF	151.8	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2018	1	54869	WMPI PTY LLC	Industrial	WMPI Pty LLC	PA	56455	1	41.0	Coal Integrated Gasification Combined Cycle	WC	CC	(P) Planned for installation, but regulatory approvals not initiated
2018	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	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	6A	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	56947	Antelope Ridge Wind Power LLC	IPP	Antelope Ridge Wind Power	OR	57615	GEN1	300.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2019	12	14354	PacifiCorp	Electric Utility	Blundell	UT	299	3	35.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	5	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT5	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	12	7277	Calpine Corporation	IPP	Four Mile Hill	CA	55845	1	49.9	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	12	7277	Calpine Corporation	IPP	Telephone Flat	CA	55846	1	49.9	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	8	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	56935	Number Nine Wind Farm LLC	IPP	Number Nine Wind Farm	ME	57612	GEN1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2020	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	II-A	750.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2021	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 signifciant portion of capacity for some technologies such as solar photovoltaic generation.
Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.
Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2014	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	56108	Atlas Pipeline Mid Continent WestTex LLC	Industrial	Benedum Plant	TX	54458	BG3A	1.0	Other Natural Gas	NG	IC
2014	10	56108	Atlas Pipeline Mid Continent WestTex LLC	Industrial	Benedum Plant	TX	54458	BG6	1.0	Other Natural Gas	NG	IC
2014	10	17569	City of South Norwalk - (CT)	Electric Utility	South Norwalk Electric	CT	6598	6	1.1	Petroleum Liquids	DFO	IC
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	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	8	465.0	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 Combined Cycle	NG	CT
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	CA
2014	10	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN7	10.0	Other Gases	OG	CA
2014	11	4716	Dairyland Power Coop	Electric Utility	Alma	WI	4140	5	62.1	Conventional Steam Coal	BIT	ST
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	55960	GreenHunter Energy Inc	IPP	Mesquite Resource Recovery Project	CA	50363	L313	15.5	Wood/Wood Waste Biomass	WDS	ST
2015	3	54842	WM Renewable Energy LLC	IPP	Monroe Livingston Gas Recovery	NY	50565	GEN2	0.8	Landfill Gas	LFG	IC
2015	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	1	100.0	Conventional Steam Coal	BIT	ST
2015	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	2	100.0	Conventional Steam Coal	BIT	ST
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	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	Mitchell	GA	727	3	155.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	1	97.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	2	103.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	3	111.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	4	133.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	5	135.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	1	46.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	2	46.0	Conventional Steam Coal	BIT	ST
2015	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	3	68.0	Conventional Steam Coal	BIT	ST
2015	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	4	95.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	1	67.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	2	105.0	Conventional Steam Coal	BIT	ST
2015	5	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

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	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	5	585.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Picway	OH	2843	5	95.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Clinch River	VA	3775	3	230.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	5	90.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	6	235.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	3	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	4	145.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	1	58.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	2	55.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	3	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	5	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	6	63.0	Conventional Steam Coal	BIT	ST
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	10	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 2	0.5	Conventional Steam Coal	BIT	ST
2015	10	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 3	0.6	Conventional Steam Coal	BIT	ST
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	1	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	2	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	3	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	4	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	5	0.5	Other Waste Biomass	OBG	IC
2015	11	52	ACE Cogeneration Co	Electric CHP	ACE Cogeneration Facility	CA	10002	GEN1	101.2	Conventional Steam Coal	BIT	ST
2015	12	195	Alabama Power Co	Electric Utility	Holt Dam	AL	12	1	45.0	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	ALBA	0.3	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	ALBD	0.4	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	NONO	0.5	Conventional Hydroelectric	WAT	HY
2015	12	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN7	95.0	Natural Gas Fired Combined Cycle	NG	CT
2015	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	2	76.0	Other Natural Gas	NG	ST
2015	12	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	13960	NRG Cabrillo Power Ops Inc	IPP	El Cajon	CA	301	ENCI	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA2	59.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA3	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Miramar	CA	305	MRGT	36.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN1	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN2	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN4	5.2	Other Natural Gas	NG	ST
2015	12	14795	Perdue Agribusiness	Industrial	Oilseed Plant	VA	10515	GEN1	1.6	Conventional Steam Coal	BIT	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	3	152.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	1	6.6	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	2	7.0	Conventional Steam Coal	BIT	ST

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	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
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	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	1	134.3	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
2016	4	15474	Public Service Co of Oklahoma	Electric Utility	Northeastern	OK	2963	4	460.0	Conventional Steam Coal	SUB	ST
2016	4	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	2	528.0	Conventional Steam Coal	SUB	ST
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P1	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P2	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P2	25.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P3	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P4	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Rio Pinar	FL	637	P1	12.0	Petroleum Liquids	DFO	GT
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	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
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	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

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	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
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	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	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	2	179.0	Conventional Steam Coal	BIT	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	3	179.0	Conventional Steam Coal	BIT	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	ST1	179.0	Conventional Steam Coal	BIT	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	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	3	107.0	Other Natural Gas	NG	ST
2018	12	17539	South Carolina Electric&Gas Company	Electric Utility	McMeekin	SC	3287	1	125.0	Conventional Steam Coal	BIT	ST
2018	12	17539	South Carolina Electric&Gas Company	Electric Utility	McMeekin	SC	3287	2	125.0	Conventional Steam Coal	BIT	ST
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
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	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-September 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%

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-September 2014

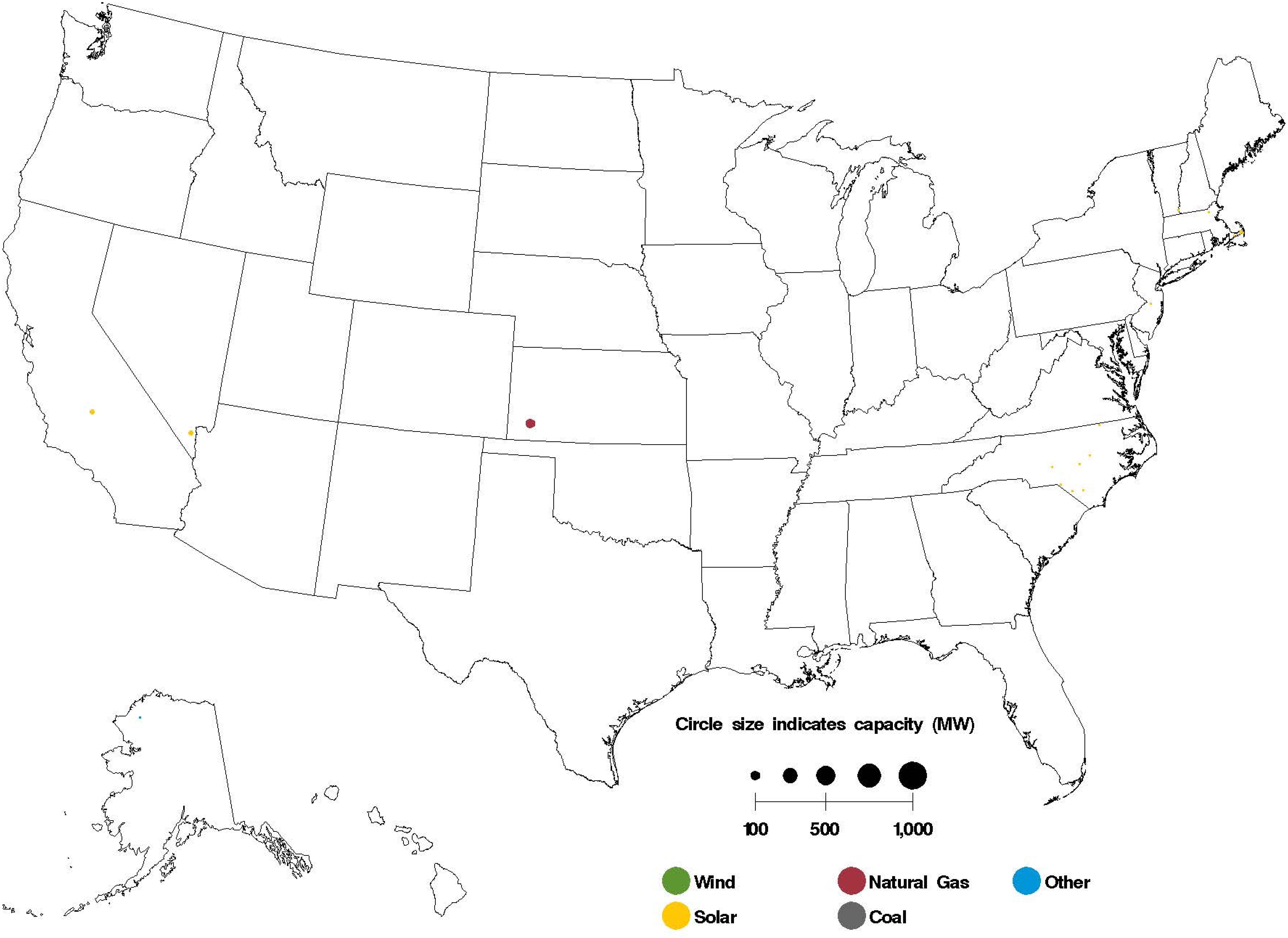
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2008	91.1%	37.2%	31.7%	NA	NA	69.9%	66.5%	74.7%
2009	90.3%	39.6%	28.1%	NA	NA	70.2%	62.1%	73.3%
2010	91.1%	37.6%	29.8%	NA	NA	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%

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.

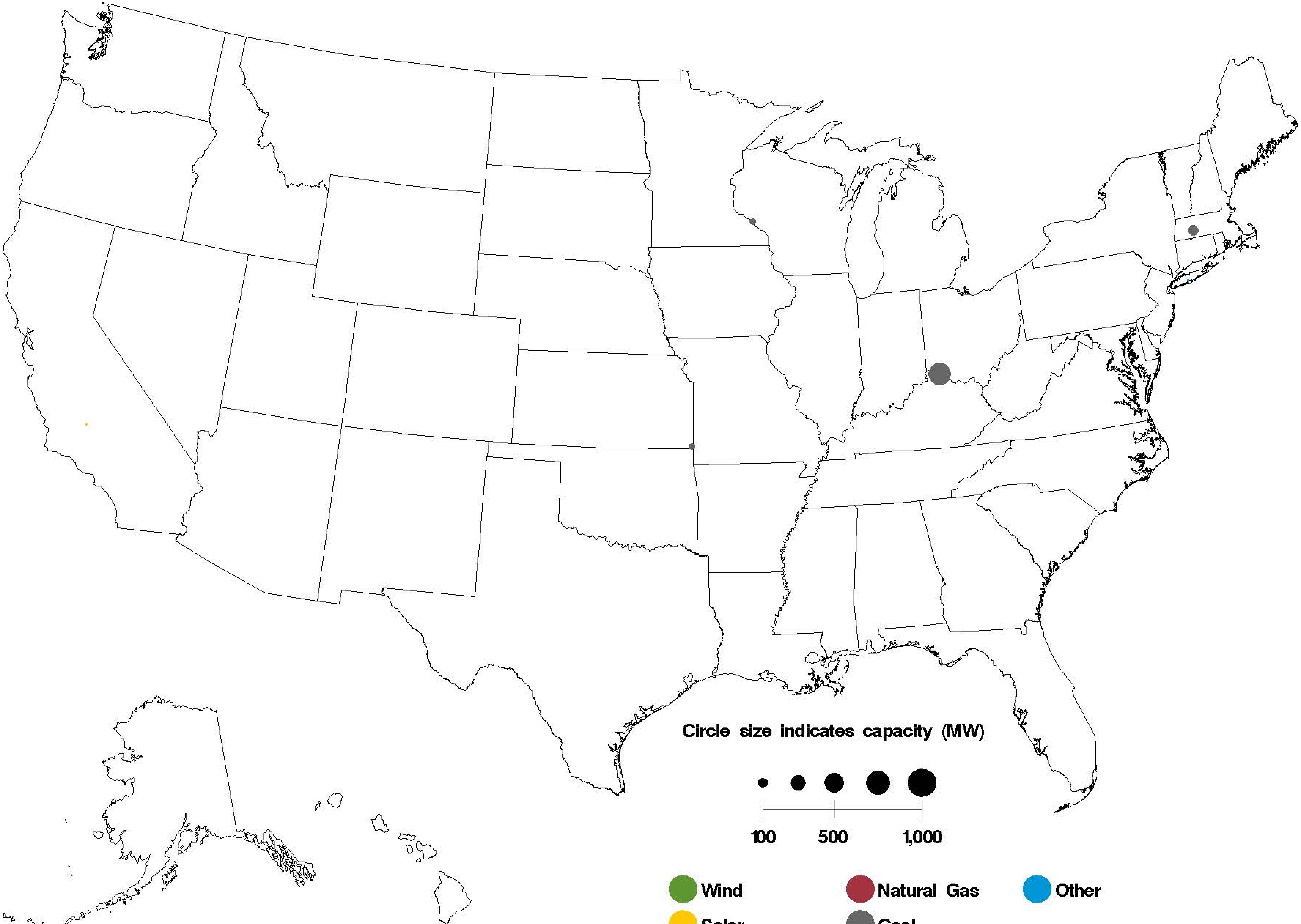
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



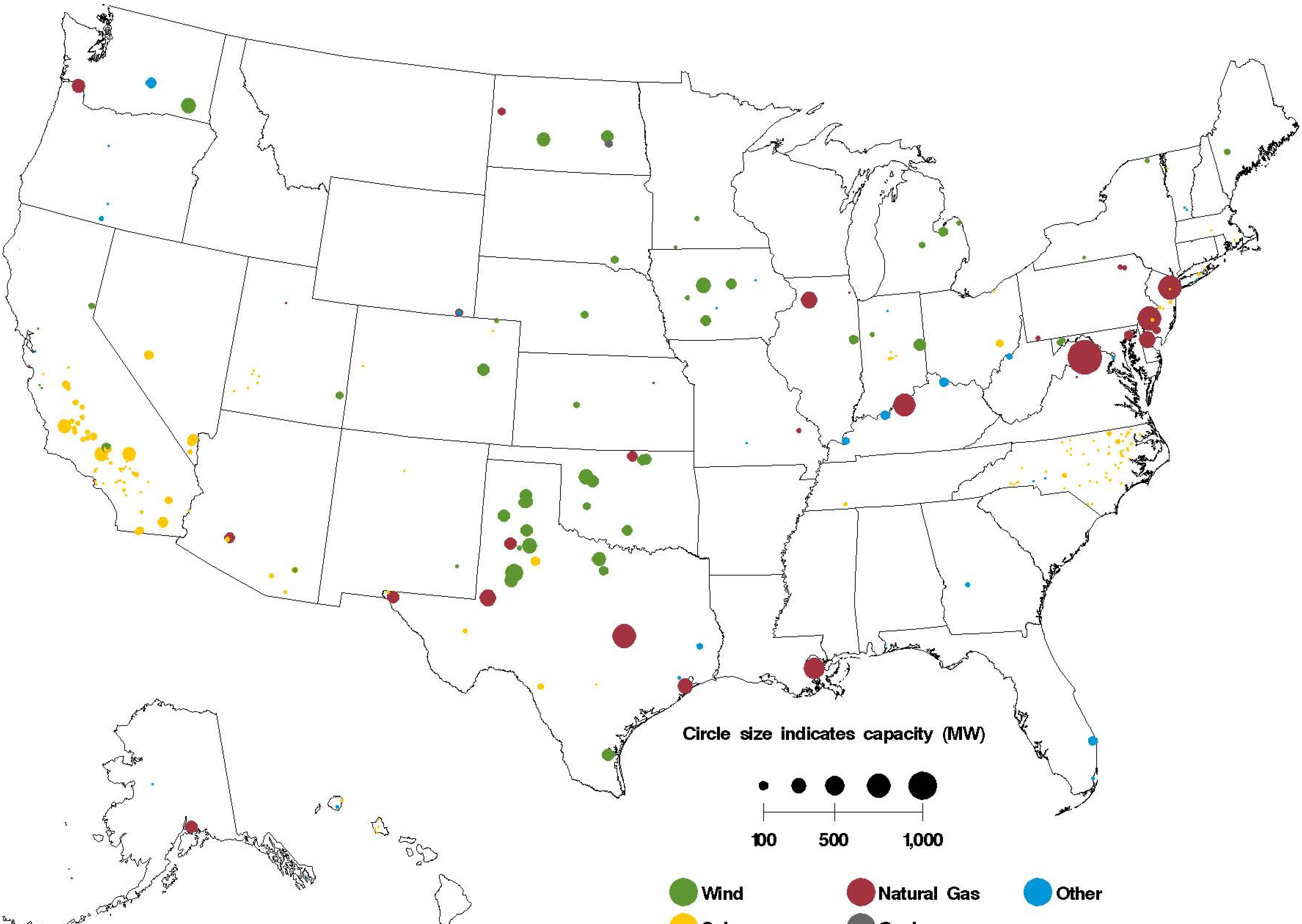
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

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



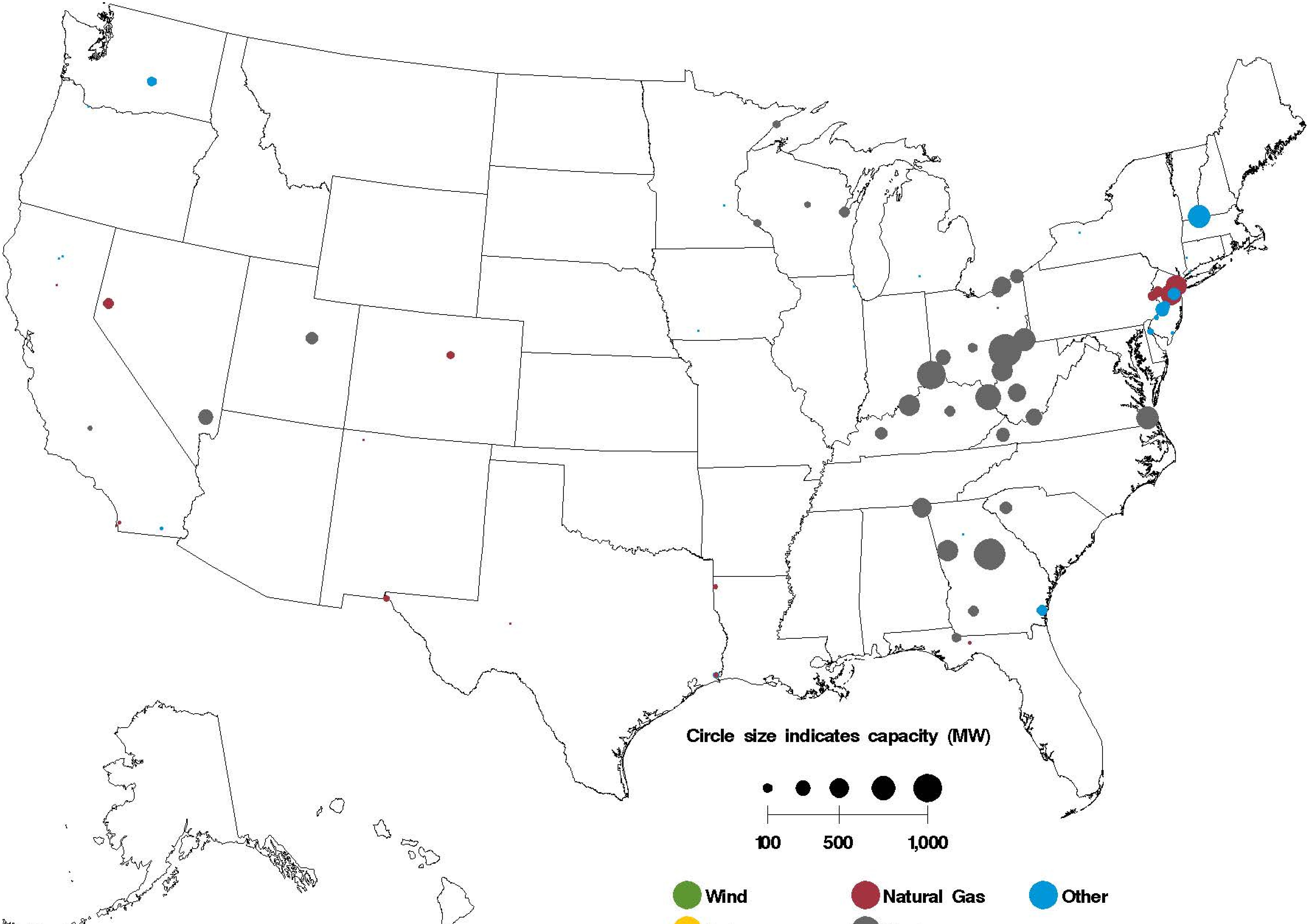
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**34**	**15**	**0**	**2**	**0**	**0**	**9**
Connecticut	0	19	0	3	0	0	46
Maine	0	48	0	9	0	0	11
Massachusetts	42	23	0	3	0	0	30
New Hampshire	0	67	0	2	0	0	27
Rhode Island	0	58	0	1	0	0	393
Vermont	0	155	0	0	0	0	25
Middle Atlantic	**2**	**5**	**102**	**1**	**10**	**0**	**2**
New Jersey	0	26	210	2	0	0	331
New York	21	6	0	2	0	0	2
Pennsylvania	2	7	114	1	10	0	17
East North Central	**0**	**3**	**4**	**2**	**6**	**0**	**21**
Illinois	0	6	0	7	31	0	51
Indiana	1	5	0	5	6	0	13
Michigan	2	7	15	7	0	0	48
Ohio	1	4	1	1	18	0	20
Wisconsin	1	35	0	8	0	0	41
West North Central	**1**	**5**	**0**	**10**	**87**	**0**	**4**
Iowa	2	16	0	36	0	0	71
Kansas	0	10	0	24	0	0	241
Minnesota	3	48	0	19	0	0	76
Missouri	1	7	0	8	0	0	11
Nebraska	2	14	0	81	0	0	49
North Dakota	3	10	0	157	87	0	0
South Dakota	0	46	0	187	0	0	1
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**5**
Delaware	5	21	0	2	0	0	0
District of Columbia	0	0	0	152	0	0	0
Florida	1	15	0	1	0	0	66
Georgia	0	16	0	1	0	0	7
Maryland	0	19	0	12	0	0	4
North Carolina	1	10	0	1	0	0	7
South Carolina	0	10	0	3	0	0	16
Virginia	2	5	0	1	0	0	21
West Virginia	0	0	0	0	0	0	17
East South Central	**1**	**4**	**0**	**1**	**15**	**0**	**3**
Alabama	1	19	0	2	16	0	5
Kentucky	1	5	0	22	0	0	5
Mississippi	0	8	0	1	0	0	0
Tennessee	0	1	0	3	0	0	5
West South Central	**0**	**2**	**6**	**1**	**3**	**0**	**7**
Arkansas	0	0	0	2	0	0	10
Louisiana	0	1	5	2	3	0	0
Oklahoma	1	12	0	1	0	0	15
Texas	0	4	58	1	4	0	33
Mountain	**1**	**7**	**0**	**1**	**7**	**0**	**5**
Arizona	0	5	0	0	0	0	3
Colorado	0	100	0	2	0	0	25
Idaho	68	1,496	0	6	0	0	12
Montana	4	17	0	113	0	0	7
Nevada	0	1	0	1	0	0	4
New Mexico	0	16	0	4	0	0	104
Utah	2	23	0	4	208	0	58
Wyoming	2	8	0	55	6	0	12
Pacific Contiguous	**1**	**12**	**208**	**1**	**6**	**0**	**2**
California	9	13	208	1	7	0	7
Oregon	0	0	0	1	0	0	4
Washington	0	56	0	3	0	0	2
Pacific Noncontiguous	**5**	**1**	**0**	**19**	**88**	**0**	**20**
Alaska	15	7	0	19	305	0	20
Hawaii	4	1	0	0	92	0	171
U.S. Total	**0**	**1**	**4**	**0**	**3**	**0**	**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.1.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, September 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**	**36**	**3**	**0**	**5**	**1**
Connecticut	0	0	0	248	7	0	7	1
Maine	0	0	0	0	3	0	12	4
Massachusetts	0	0	0	38	12	0	6	2
New Hampshire	0	0	0	0	7	0	38	1
Rhode Island	0	0	0	211	17	0	0	1
Vermont	0	0	0	140	10	0	0	4
Middle Atlantic	**0**	**0**	**0**	**21**	**3**	**0**	**4**	**1**
New Jersey	0	0	0	24	12	0	7	1
New York	0	0	0	62	3	0	7	1
Pennsylvania	0	0	0	65	4	0	6	1
East North Central	**0**	**0**	**0**	**44**	**2**	**0**	**7**	**0**
Illinois	0	0	0	89	2	0	25	0
Indiana	0	0	0	66	6	0	3	1
Michigan	0	0	0	0	3	0	11	1
Ohio	0	0	0	71	9	0	0	1
Wisconsin	0	0	0	0	6	0	43	1
West North Central	**0**	**0**	**0**	**181**	**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	426	2	0	13	2
Missouri	0	0	0	200	6	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	42	2
South Dakota	0	0	0	0	0	0	0	3
South Atlantic	**0**	**0**	**0**	**19**	**3**	**0**	**3**	**0**
Delaware	0	0	0	86	49	0	0	2
District of Columbia	0	0	0	0	0	0	0	152
Florida	0	0	0	22	5	0	4	0
Georgia	0	0	0	64	6	0	5	0
Maryland	0	0	0	63	10	0	1	1
North Carolina	0	0	0	26	10	0	34	1
South Carolina	0	0	0	351	2	0	0	0
Virginia	0	0	0	0	3	0	7	1
West Virginia	0	0	0	0	1	0	0	0
East South Central	**0**	**0**	**0**	**135**	**6**	**0**	**0**	**0**
Alabama	0	0	0	0	9	0	0	1
Kentucky	0	0	0	0	26	0	0	1
Mississippi	0	0	0	0	7	0	0	0
Tennessee	0	0	0	135	17	0	0	1
West South Central	**0**	**0**	**0**	**10**	**1**	**0**	**10**	**0**
Arkansas	0	0	0	0	6	0	0	0
Louisiana	0	0	0	0	9	0	10	1
Oklahoma	0	0	0	0	1	0	90	1
Texas	0	0	0	10	1	0	16	0
Mountain	**0**	**4**	**0**	**5**	**1**	**0**	**9**	**1**
Arizona	0	0	0	6	5	0	0	0
Colorado	0	0	0	17	1	0	51	1
Idaho	0	26	0	0	4	0	0	6
Montana	0	0	0	0	4	0	0	4
Nevada	0	4	0	10	4	0	103	1
New Mexico	0	149	0	21	7	0	0	1
Utah	0	4	0	487	4	0	45	2
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	**0**	**2**	**0**	**4**	**1**	**0**	**9**	**1**
California	0	2	0	4	2	0	9	1
Oregon	0	0	0	147	2	0	47	2
Washington	0	0	0	0	2	0	23	1
Pacific Noncontiguous	**0**	**0**	**0**	**95**	**9**	**0**	**0**	**4**
Alaska	0	0	0	0	44	0	0	10
Hawaii	0	0	0	95	9	0	0	2
U.S. Total	**0**	**2**	**0**	**4**	**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 September 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**34**	**15**	**0**	**2**	**0**	**0**	**9**
Connecticut	0	19	0	3	0	0	46
Maine	0	48	0	9	0	0	11
Massachusetts	42	23	0	3	0	0	30
New Hampshire	0	67	0	2	0	0	27
Rhode Island	0	58	0	1	0	0	393
Vermont	0	155	0	0	0	0	25
Middle Atlantic	**2**	**5**	**102**	**1**	**10**	**0**	**2**
New Jersey	0	26	210	2	0	0	331
New York	21	6	0	2	0	0	2
Pennsylvania	2	7	114	1	10	0	17
East North Central	**0**	**3**	**4**	**2**	**6**	**0**	**21**
Illinois	0	6	0	7	31	0	51
Indiana	1	5	0	5	6	0	13
Michigan	2	7	15	7	0	0	48
Ohio	1	4	1	1	18	0	20
Wisconsin	1	35	0	8	0	0	41
West North Central	**1**	**5**	**0**	**10**	**87**	**0**	**4**
Iowa	2	16	0	36	0	0	71
Kansas	0	10	0	24	0	0	241
Minnesota	3	48	0	19	0	0	76
Missouri	1	7	0	8	0	0	11
Nebraska	2	14	0	81	0	0	49
North Dakota	3	10	0	157	87	0	0
South Dakota	0	46	0	187	0	0	1
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**5**
Delaware	5	21	0	2	0	0	0
District of Columbia	0	0	0	152	0	0	0
Florida	1	15	0	1	0	0	66
Georgia	0	16	0	1	0	0	7
Maryland	0	19	0	12	0	0	4
North Carolina	1	10	0	1	0	0	7
South Carolina	0	10	0	3	0	0	16
Virginia	2	5	0	1	0	0	21
West Virginia	0	0	0	0	0	0	17
East South Central	**1**	**4**	**0**	**1**	**15**	**0**	**3**
Alabama	1	19	0	2	16	0	5
Kentucky	1	5	0	22	0	0	5
Mississippi	0	8	0	1	0	0	0
Tennessee	0	1	0	3	0	0	5
West South Central	**0**	**2**	**6**	**1**	**3**	**0**	**7**
Arkansas	0	0	0	2	0	0	10
Louisiana	0	1	5	2	3	0	0
Oklahoma	1	12	0	1	0	0	15
Texas	0	4	58	1	4	0	33
Mountain	**1**	**7**	**0**	**1**	**7**	**0**	**5**
Arizona	0	5	0	0	0	0	3
Colorado	0	100	0	2	0	0	25
Idaho	68	1,496	0	6	0	0	12
Montana	4	17	0	113	0	0	7
Nevada	0	1	0	1	0	0	4
New Mexico	0	16	0	4	0	0	104
Utah	2	23	0	4	208	0	58
Wyoming	2	8	0	55	6	0	12
Pacific Contiguous	**1**	**12**	**208**	**1**	**6**	**0**	**2**
California	9	13	208	1	7	0	7
Oregon	0	0	0	1	0	0	4
Washington	0	56	0	3	0	0	2
Pacific Noncontiguous	**5**	**1**	**0**	**19**	**88**	**0**	**20**
Alaska	15	7	0	19	305	0	20
Hawaii	4	1	0	0	92	0	171
U.S. Total	**0**	**1**	**4**	**0**	**3**	**0**	**2**

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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 September 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**	**36**	**3**	**0**	**5**	**1**
Connecticut	0	0	0	248	7	0	7	1
Maine	0	0	0	0	3	0	12	4
Massachusetts	0	0	0	38	12	0	6	2
New Hampshire	0	0	0	0	7	0	38	1
Rhode Island	0	0	0	211	17	0	0	1
Vermont	0	0	0	140	10	0	0	4
Middle Atlantic	**0**	**0**	**0**	**21**	**3**	**0**	**4**	**1**
New Jersey	0	0	0	24	12	0	7	1
New York	0	0	0	62	3	0	7	1
Pennsylvania	0	0	0	65	4	0	6	1
East North Central	**0**	**0**	**0**	**44**	**2**	**0**	**7**	**0**
Illinois	0	0	0	89	2	0	25	0
Indiana	0	0	0	66	6	0	3	1
Michigan	0	0	0	0	3	0	11	1
Ohio	0	0	0	71	9	0	0	1
Wisconsin	0	0	0	0	6	0	43	1
West North Central	**0**	**0**	**0**	**181**	**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	426	2	0	13	2
Missouri	0	0	0	200	6	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	42	2
South Dakota	0	0	0	0	0	0	0	3
South Atlantic	**0**	**0**	**0**	**19**	**3**	**0**	**3**	**0**
Delaware	0	0	0	86	49	0	0	2
District of Columbia	0	0	0	0	0	0	0	152
Florida	0	0	0	22	5	0	4	0
Georgia	0	0	0	64	6	0	5	0
Maryland	0	0	0	63	10	0	1	1
North Carolina	0	0	0	26	10	0	34	1
South Carolina	0	0	0	351	2	0	0	0
Virginia	0	0	0	0	3	0	7	1
West Virginia	0	0	0	0	1	0	0	0
East South Central	**0**	**0**	**0**	**135**	**6**	**0**	**0**	**0**
Alabama	0	0	0	0	9	0	0	1
Kentucky	0	0	0	0	26	0	0	1
Mississippi	0	0	0	0	7	0	0	0
Tennessee	0	0	0	135	17	0	0	1
West South Central	**0**	**0**	**0**	**10**	**1**	**0**	**10**	**0**
Arkansas	0	0	0	0	6	0	0	0
Louisiana	0	0	0	0	9	0	10	1
Oklahoma	0	0	0	0	1	0	90	1
Texas	0	0	0	10	1	0	16	0
Mountain	**0**	**4**	**0**	**5**	**1**	**0**	**9**	**1**
Arizona	0	0	0	6	5	0	0	0
Colorado	0	0	0	17	1	0	51	1
Idaho	0	26	0	0	4	0	0	6
Montana	0	0	0	0	4	0	0	4
Nevada	0	4	0	10	4	0	103	1
New Mexico	0	149	0	21	7	0	0	1
Utah	0	4	0	487	4	0	45	2
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	**0**	**2**	**0**	**4**	**1**	**0**	**9**	**1**
California	0	2	0	4	2	0	9	1
Oregon	0	0	0	147	2	0	47	2
Washington	0	0	0	0	2	0	23	1
Pacific Noncontiguous	**0**	**0**	**0**	**95**	**9**	**0**	**0**	**4**
Alaska	0	0	0	0	44	0	0	10
Hawaii	0	0	0	95	9	0	0	2
U.S. Total	**0**	**2**	**0**	**4**	**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, September 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**19**	**0**	**4**	**0**	**0**	**31**
Connecticut	0	92	0	0	0	0	158
Maine	0	449	0	0	0	0	0
Massachusetts	0	8	0	5	0	0	52
New Hampshire	0	18	0	0	0	0	73
Rhode Island	0	52	0	0	0	0	0
Vermont	0	143	0	0	0	0	45
Middle Atlantic	**535**	**14**	**0**	**6**	**0**	**0**	**1**
New Jersey	0	268	0	0	0	0	0
New York	535	14	0	6	0	0	1
Pennsylvania	0	407	0	1,126	0	0	19
East North Central	**0**	**3**	**0**	**5**	**0**	**0**	**22**
Illinois	0	13	0	40	0	0	116
Indiana	1	4	0	6	0	0	13
Michigan	2	7	0	16	0	0	50
Ohio	1	4	0	2	0	0	20
Wisconsin	1	36	0	16	0	0	43
West North Central	**1**	**5**	**0**	**12**	**0**	**0**	**4**
Iowa	2	16	0	36	0	0	71
Kansas	0	10	0	24	0	0	0
Minnesota	3	53	0	22	0	0	110
Missouri	1	7	0	12	0	0	11
Nebraska	2	14	0	82	0	0	49
North Dakota	3	9	0	0	0	0	0
South Dakota	0	46	0	187	0	0	1
South Atlantic	**0**	**2**	**0**	**0**	**0**	**0**	**5**
Delaware	0	314	0	598	0	0	0
Florida	1	9	0	0	0	0	66
Georgia	0	4	0	0	0	0	7
Maryland	0	64	0	0	0	0	0
North Carolina	0	3	0	1	0	0	7
South Carolina	0	12	0	2	0	0	16
Virginia	0	2	0	0	0	0	21
West Virginia	0	0	0	0	0	0	37
East South Central	**1**	**1**	**0**	**2**	**0**	**0**	**3**
Alabama	1	0	0	5	0	0	5
Kentucky	1	5	0	15	0	0	5
Mississippi	0	8	0	0	0	0	0
Tennessee	0	0	0	0	0	0	6
West South Central	**0**	**3**	**0**	**1**	**0**	**0**	**9**
Arkansas	0	0	0	14	0	0	10
Louisiana	0	6	0	1	0	0	0
Oklahoma	0	10	0	1	0	0	15
Texas	0	1	0	1	0	0	33
Mountain	**1**	**8**	**0**	**1**	**0**	**0**	**5**
Arizona	0	5	0	1	0	0	3
Colorado	0	100	0	3	0	0	24
Idaho	0	1,496	0	10	0	0	12
Montana	119	4,658	0	117	0	0	7
Nevada	0	2	0	0	0	0	1
New Mexico	0	15	0	6	0	0	104
Utah	2	22	0	2	0	0	58
Wyoming	2	4	0	297	0	0	11
Pacific Contiguous	**0**	**9**	**0**	**1**	**0**	**0**	**2**
California	0	4	0	2	0	0	7
Oregon	0	0	0	1	0	0	4
Washington	0	397	0	3	0	0	2
Pacific Noncontiguous	**0**	**1**	**0**	**19**	**0**	**0**	**20**
Alaska	0	7	0	19	0	0	20
Hawaii	0	1	0	0	0	0	378
U.S. Total	**0**	**1**	**0**	**0**	**0**	**0**	**1**

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

Electric Utilities by Census Division and State, September 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**	**135**	**4**	**0**	**0**	**9**
Connecticut	0	0	0	0	0	0	0	65
Maine	0	0	0	0	0	0	0	449
Massachusetts	0	0	0	135	60	0	0	16
New Hampshire	0	0	0	0	0	0	0	8
Rhode Island	0	0	0	0	0	0	0	52
Vermont	0	0	0	0	0	0	0	17
Middle Atlantic	**0**	**0**	**0**	**50**	**50**	**0**	**0**	**2**
New Jersey	0	0	0	50	50	0	0	6
New York	0	0	0	0	0	0	0	3
Pennsylvania	0	0	0	0	0	0	0	22
East North Central	**0**	**0**	**0**	**204**	**4**	**0**	**0**	**1**
Illinois	0	0	0	0	107	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	204	120	0	0	1
Wisconsin	0	0	0	0	1	0	0	2
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**9**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	3	0	0	2
Missouri	0	0	0	0	44	0	0	1
Nebraska	0	0	0	0	9	0	0	2
North Dakota	0	0	0	0	2	0	42	3
South Dakota	0	0	0	0	1	0	0	3
South Atlantic	**0**	**0**	**0**	**22**	**3**	**0**	**0**	**0**
Delaware	0	0	0	278	278	0	0	326
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	237	237	0	0	155
North Carolina	0	0	0	114	114	0	0	0
South Carolina	0	0	0	0	5	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	220	0	0	1
Kentucky	0	0	0	0	28	0	0	1
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	0	1	0	0	1
Mountain	**0**	**0**	**0**	**26**	**6**	**0**	**103**	**1**
Arizona	0	0	0	28	27	0	0	0
Colorado	0	0	0	0	11	0	0	1
Idaho	0	0	0	0	0	0	0	9
Montana	0	0	0	0	0	0	0	12
Nevada	0	0	0	0	0	0	103	0
New Mexico	0	0	0	59	59	0	0	1
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**34**	**3**	**0**	**0**	**1**
California	0	0	0	34	8	0	0	2
Oregon	0	0	0	289	3	0	0	2
Washington	0	0	0	0	1	0	0	2
Pacific Noncontiguous	**0**	**0**	**0**	**160**	**65**	**0**	**0**	**5**
Alaska	0	0	0	0	55	0	0	11
Hawaii	0	0	0	160	160	0	0	2
U.S. Total	**0**	**0**	**0**	**18**	**1**	**0**	**5**	**0**

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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 September 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**19**	**0**	**4**	**0**	**0**	**31**
Connecticut	0	92	0	0	0	0	158
Maine	0	449	0	0	0	0	0
Massachusetts	0	8	0	5	0	0	52
New Hampshire	0	18	0	0	0	0	73
Rhode Island	0	52	0	0	0	0	0
Vermont	0	143	0	0	0	0	45
Middle Atlantic	**535**	**14**	**0**	**6**	**0**	**0**	**1**
New Jersey	0	268	0	0	0	0	0
New York	535	14	0	6	0	0	1
Pennsylvania	0	407	0	1,126	0	0	19
East North Central	**0**	**3**	**0**	**5**	**0**	**0**	**22**
Illinois	0	13	0	40	0	0	116
Indiana	1	4	0	6	0	0	13
Michigan	2	7	0	16	0	0	50
Ohio	1	4	0	2	0	0	20
Wisconsin	1	36	0	16	0	0	43
West North Central	**1**	**5**	**0**	**12**	**0**	**0**	**4**
Iowa	2	16	0	36	0	0	71
Kansas	0	10	0	24	0	0	0
Minnesota	3	53	0	22	0	0	110
Missouri	1	7	0	12	0	0	11
Nebraska	2	14	0	82	0	0	49
North Dakota	3	9	0	0	0	0	0
South Dakota	0	46	0	187	0	0	1
South Atlantic	**0**	**2**	**0**	**0**	**0**	**0**	**5**
Delaware	0	314	0	598	0	0	0
Florida	1	9	0	0	0	0	66
Georgia	0	4	0	0	0	0	7
Maryland	0	64	0	0	0	0	0
North Carolina	0	3	0	1	0	0	7
South Carolina	0	12	0	2	0	0	16
Virginia	0	2	0	0	0	0	21
West Virginia	0	0	0	0	0	0	37
East South Central	**1**	**1**	**0**	**2**	**0**	**0**	**3**
Alabama	1	0	0	5	0	0	5
Kentucky	1	5	0	15	0	0	5
Mississippi	0	8	0	0	0	0	0
Tennessee	0	0	0	0	0	0	6
West South Central	**0**	**3**	**0**	**1**	**0**	**0**	**9**
Arkansas	0	0	0	14	0	0	10
Louisiana	0	6	0	1	0	0	0
Oklahoma	0	10	0	1	0	0	15
Texas	0	1	0	1	0	0	33
Mountain	**1**	**8**	**0**	**1**	**0**	**0**	**5**
Arizona	0	5	0	1	0	0	3
Colorado	0	100	0	3	0	0	24
Idaho	0	1,496	0	10	0	0	12
Montana	119	4,658	0	117	0	0	7
Nevada	0	2	0	0	0	0	1
New Mexico	0	15	0	6	0	0	104
Utah	2	22	0	2	0	0	58
Wyoming	2	4	0	297	0	0	11
Pacific Contiguous	**0**	**9**	**0**	**1**	**0**	**0**	**2**
California	0	4	0	2	0	0	7
Oregon	0	0	0	1	0	0	4
Washington	0	397	0	3	0	0	2
Pacific Noncontiguous	**0**	**1**	**0**	**19**	**0**	**0**	**20**
Alaska	0	7	0	19	0	0	20
Hawaii	0	1	0	0	0	0	378
U.S. Total	**0**	**1**	**0**	**0**	**0**	**0**	**1**

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

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

Electric Utilities by Census Division and State, Year-to-Date through September 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**	**135**	**4**	**0**	**0**	**9**
Connecticut	0	0	0	0	0	0	0	65
Maine	0	0	0	0	0	0	0	449
Massachusetts	0	0	0	135	60	0	0	16
New Hampshire	0	0	0	0	0	0	0	8
Rhode Island	0	0	0	0	0	0	0	52
Vermont	0	0	0	0	0	0	0	17
Middle Atlantic	**0**	**0**	**0**	**50**	**50**	**0**	**0**	**2**
New Jersey	0	0	0	50	50	0	0	6
New York	0	0	0	0	0	0	0	3
Pennsylvania	0	0	0	0	0	0	0	22
East North Central	**0**	**0**	**0**	**204**	**4**	**0**	**0**	**1**
Illinois	0	0	0	0	107	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	204	120	0	0	1
Wisconsin	0	0	0	0	1	0	0	2
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**9**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	3	0	0	2
Missouri	0	0	0	0	44	0	0	1
Nebraska	0	0	0	0	9	0	0	2
North Dakota	0	0	0	0	2	0	42	3
South Dakota	0	0	0	0	1	0	0	3
South Atlantic	**0**	**0**	**0**	**22**	**3**	**0**	**0**	**0**
Delaware	0	0	0	278	278	0	0	326
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	237	237	0	0	155
North Carolina	0	0	0	114	114	0	0	0
South Carolina	0	0	0	0	5	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	220	0	0	1
Kentucky	0	0	0	0	28	0	0	1
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	0	1	0	0	1
Mountain	**0**	**0**	**0**	**26**	**6**	**0**	**103**	**1**
Arizona	0	0	0	28	27	0	0	0
Colorado	0	0	0	0	11	0	0	1
Idaho	0	0	0	0	0	0	0	9
Montana	0	0	0	0	0	0	0	12
Nevada	0	0	0	0	0	0	103	0
New Mexico	0	0	0	59	59	0	0	1
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**34**	**3**	**0**	**0**	**1**
California	0	0	0	34	8	0	0	2
Oregon	0	0	0	289	3	0	0	2
Washington	0	0	0	0	1	0	0	2
Pacific Noncontiguous	**0**	**0**	**0**	**160**	**65**	**0**	**0**	**5**
Alaska	0	0	0	0	55	0	0	11
Hawaii	0	0	0	160	160	0	0	2
U.S. Total	**0**	**0**	**0**	**18**	**1**	**0**	**5**	**0**

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

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

Independent Power Producers by Census Division and State, September 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**44**	**17**	**0**	**1**	**0**	**0**	**10**
Connecticut	0	16	0	2	0	0	48
Maine	0	53	0	0	0	0	12
Massachusetts	44	32	0	3	0	0	37
New Hampshire	0	2,094	0	0	0	0	28
Rhode Island	0	0	0	1	0	0	393
Vermont	0	0	0	0	0	0	30
Middle Atlantic	**2**	**6**	**0**	**1**	**0**	**0**	**12**
New Jersey	0	19	0	2	0	0	331
New York	23	15	0	2	0	0	13
Pennsylvania	2	6	0	1	0	0	23
East North Central	**0**	**5**	**0**	**2**	**8**	**0**	**76**
Illinois	0	0	0	5	0	0	45
Indiana	0	175,144	0	9	0	0	0
Michigan	39	0	0	7	0	0	166
Ohio	0	7	0	1	20	0	0
Wisconsin	0	1,167	0	0	0	0	201
West North Central	**0**	**115**	**0**	**8**	**0**	**0**	**123**
Iowa	0	152	0	4,412	0	0	776
Kansas	0	0	0	0	0	0	241
Minnesota	0	252	0	29	0	0	134
Missouri	0	0	0	7	0	0	0
South Dakota	0	248	0	0	0	0	0
South Atlantic	**1**	**9**	**0**	**2**	**0**	**0**	**13**
Delaware	5	15	0	2	0	0	0
Florida	0	402	0	9	0	0	0
Georgia	0	1,193	0	3	0	0	313
Maryland	0	12	0	10	0	0	4
North Carolina	25	193	0	0	0	0	226
South Carolina	0	0	0	25	0	0	111
Virginia	28	12	0	1	0	0	103
West Virginia	0	0	0	0	0	0	13
East South Central	**0**	**209**	**0**	**2**	**0**	**0**	**283**
Alabama	0	209	0	3	0	0	0
Kentucky	0	0	0	0	0	0	283
Mississippi	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**6**
Arkansas	0	0	0	0	0	0	210
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**	**20**	**0**	**1**	**0**	**0**	**16**
Arizona	0	0	0	0	0	0	0
Colorado	82	0	0	3	0	0	115
Idaho	0	0	0	4	0	0	35
Montana	4	10	0	426	0	0	17
Nevada	0	0	0	4	0	0	247
New Mexico	0	1,053	0	4	0	0	0
Utah	86	203	0	42	0	0	594
Wyoming	74	0	0	512	0	0	531
Pacific Contiguous	**1**	**20**	**208**	**1**	**0**	**0**	**35**
California	12	19	208	1	0	0	42
Oregon	0	0	0	2	0	0	79
Washington	0	121	0	0	0	0	101
Pacific Noncontiguous	**5**	**2**	**0**	**0**	**0**	**0**	**0**
Alaska	41	0	0	0	0	0	0
Hawaii	0	2	0	0	0	0	0
U.S. Total	**1**	**2**	**6**	**0**	**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, September 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**	**37**	**4**	**0**	**4**	**1**
Connecticut	0	0	0	248	7	0	7	1
Maine	0	0	0	0	1	0	8	4
Massachusetts	0	0	0	39	12	0	6	2
New Hampshire	0	0	0	0	9	0	38	1
Rhode Island	0	0	0	211	17	0	0	1
Vermont	0	0	0	140	28	0	0	3
Middle Atlantic	**0**	**0**	**0**	**24**	**3**	**0**	**4**	**1**
New Jersey	0	0	0	28	13	0	9	1
New York	0	0	0	62	3	0	6	1
Pennsylvania	0	0	0	73	3	0	6	1
East North Central	**0**	**0**	**0**	**45**	**2**	**0**	**22**	**0**
Illinois	0	0	0	89	2	0	0	0
Indiana	0	0	0	66	6	0	0	2
Michigan	0	0	0	0	3	0	22	3
Ohio	0	0	0	69	9	0	0	0
Wisconsin	0	0	0	0	8	0	0	1
West North Central	**0**	**0**	**0**	**181**	**1**	**0**	**26**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	0
Minnesota	0	0	0	426	3	0	26	3
Missouri	0	0	0	200	6	0	0	5
Nebraska	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**23**	**4**	**0**	**4**	**1**
Delaware	0	0	0	88	49	0	0	2
Florida	0	0	0	69	4	0	6	5
Georgia	0	0	0	64	12	0	0	3
Maryland	0	0	0	65	10	0	0	1
North Carolina	0	0	0	28	15	0	34	4
South Carolina	0	0	0	351	105	0	0	24
Virginia	0	0	0	0	5	0	0	3
West Virginia	0	0	0	0	1	0	0	0
East South Central	**0**	**0**	**0**	**149**	**21**	**0**	**0**	**2**
Alabama	0	0	0	0	4	0	0	3
Kentucky	0	0	0	0	0	0	0	283
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	149	70	0	0	70
West South Central	**0**	**0**	**0**	**10**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	31	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	10	1	0	0	0
Mountain	**0**	**4**	**0**	**5**	**2**	**0**	**5**	**1**
Arizona	0	0	0	6	5	0	0	1
Colorado	0	0	0	18	1	0	96	2
Idaho	0	26	0	0	5	0	0	6
Montana	0	0	0	0	5	0	0	4
Nevada	0	4	0	11	4	0	0	3
New Mexico	0	149	0	21	6	0	0	4
Utah	0	10	0	487	6	0	184	26
Wyoming	0	0	0	0	3	0	0	24
Pacific Contiguous	**0**	**2**	**0**	**4**	**1**	**0**	**15**	**1**
California	0	2	0	4	2	0	14	1
Oregon	0	0	0	169	2	0	47	2
Washington	0	0	0	0	1	0	37	1
Pacific Noncontiguous	**0**	**0**	**0**	**118**	**11**	**0**	**0**	**3**
Alaska	0	0	0	0	76	0	0	37
Hawaii	0	0	0	118	11	0	0	2
U.S. Total	**0**	**2**	**0**	**4**	**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.3.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**44**	**17**	**0**	**1**	**0**	**0**	**10**
Connecticut	0	16	0	2	0	0	48
Maine	0	53	0	0	0	0	12
Massachusetts	44	32	0	3	0	0	37
New Hampshire	0	2,094	0	0	0	0	28
Rhode Island	0	0	0	1	0	0	393
Vermont	0	0	0	0	0	0	30
Middle Atlantic	**2**	**6**	**0**	**1**	**0**	**0**	**12**
New Jersey	0	19	0	2	0	0	331
New York	23	15	0	2	0	0	13
Pennsylvania	2	6	0	1	0	0	23
East North Central	**0**	**5**	**0**	**2**	**8**	**0**	**76**
Illinois	0	0	0	5	0	0	45
Indiana	0	175,144	0	9	0	0	0
Michigan	39	0	0	7	0	0	166
Ohio	0	7	0	1	20	0	0
Wisconsin	0	1,167	0	0	0	0	201
West North Central	**0**	**115**	**0**	**8**	**0**	**0**	**123**
Iowa	0	152	0	4,412	0	0	776
Kansas	0	0	0	0	0	0	241
Minnesota	0	252	0	29	0	0	134
Missouri	0	0	0	7	0	0	0
South Dakota	0	248	0	0	0	0	0
South Atlantic	**1**	**9**	**0**	**2**	**0**	**0**	**13**
Delaware	5	15	0	2	0	0	0
Florida	0	402	0	9	0	0	0
Georgia	0	1,193	0	3	0	0	313
Maryland	0	12	0	10	0	0	4
North Carolina	25	193	0	0	0	0	226
South Carolina	0	0	0	25	0	0	111
Virginia	28	12	0	1	0	0	103
West Virginia	0	0	0	0	0	0	13
East South Central	**0**	**209**	**0**	**2**	**0**	**0**	**283**
Alabama	0	209	0	3	0	0	0
Kentucky	0	0	0	0	0	0	283
Mississippi	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**6**
Arkansas	0	0	0	0	0	0	210
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**	**20**	**0**	**1**	**0**	**0**	**16**
Arizona	0	0	0	0	0	0	0
Colorado	82	0	0	3	0	0	115
Idaho	0	0	0	4	0	0	35
Montana	4	10	0	426	0	0	17
Nevada	0	0	0	4	0	0	247
New Mexico	0	1,053	0	4	0	0	0
Utah	86	203	0	42	0	0	594
Wyoming	74	0	0	512	0	0	531
Pacific Contiguous	**1**	**20**	**208**	**1**	**0**	**0**	**35**
California	12	19	208	1	0	0	42
Oregon	0	0	0	2	0	0	79
Washington	0	121	0	0	0	0	101
Pacific Noncontiguous	**5**	**2**	**0**	**0**	**0**	**0**	**0**
Alaska	41	0	0	0	0	0	0
Hawaii	0	2	0	0	0	0	0
U.S. Total	**1**	**2**	**6**	**0**	**4**	**0**	**6**

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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 September 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**	**37**	**4**	**0**	**4**	**1**
Connecticut	0	0	0	248	7	0	7	1
Maine	0	0	0	0	1	0	8	4
Massachusetts	0	0	0	39	12	0	6	2
New Hampshire	0	0	0	0	9	0	38	1
Rhode Island	0	0	0	211	17	0	0	1
Vermont	0	0	0	140	28	0	0	3
Middle Atlantic	**0**	**0**	**0**	**24**	**3**	**0**	**4**	**1**
New Jersey	0	0	0	28	13	0	9	1
New York	0	0	0	62	3	0	6	1
Pennsylvania	0	0	0	73	3	0	6	1
East North Central	**0**	**0**	**0**	**45**	**2**	**0**	**22**	**0**
Illinois	0	0	0	89	2	0	0	0
Indiana	0	0	0	66	6	0	0	2
Michigan	0	0	0	0	3	0	22	3
Ohio	0	0	0	69	9	0	0	0
Wisconsin	0	0	0	0	8	0	0	1
West North Central	**0**	**0**	**0**	**181**	**1**	**0**	**26**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	0
Minnesota	0	0	0	426	3	0	26	3
Missouri	0	0	0	200	6	0	0	5
Nebraska	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**23**	**4**	**0**	**4**	**1**
Delaware	0	0	0	88	49	0	0	2
Florida	0	0	0	69	4	0	6	5
Georgia	0	0	0	64	12	0	0	3
Maryland	0	0	0	65	10	0	0	1
North Carolina	0	0	0	28	15	0	34	4
South Carolina	0	0	0	351	105	0	0	24
Virginia	0	0	0	0	5	0	0	3
West Virginia	0	0	0	0	1	0	0	0
East South Central	**0**	**0**	**0**	**149**	**21**	**0**	**0**	**2**
Alabama	0	0	0	0	4	0	0	3
Kentucky	0	0	0	0	0	0	0	283
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	149	70	0	0	70
West South Central	**0**	**0**	**0**	**10**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	31	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	10	1	0	0	0
Mountain	**0**	**4**	**0**	**5**	**2**	**0**	**5**	**1**
Arizona	0	0	0	6	5	0	0	1
Colorado	0	0	0	18	1	0	96	2
Idaho	0	26	0	0	5	0	0	6
Montana	0	0	0	0	5	0	0	4
Nevada	0	4	0	11	4	0	0	3
New Mexico	0	149	0	21	6	0	0	4
Utah	0	10	0	487	6	0	184	26
Wyoming	0	0	0	0	3	0	0	24
Pacific Contiguous	**0**	**2**	**0**	**4**	**1**	**0**	**15**	**1**
California	0	2	0	4	2	0	14	1
Oregon	0	0	0	169	2	0	47	2
Washington	0	0	0	0	1	0	37	1
Pacific Noncontiguous	**0**	**0**	**0**	**118**	**11**	**0**	**0**	**3**
Alaska	0	0	0	0	76	0	0	37
Hawaii	0	0	0	118	11	0	0	2
U.S. Total	**0**	**2**	**0**	**4**	**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.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, September 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**44**	**0**	**31**	**0**	**0**	**349**
Connecticut	0	953	0	61	0	0	0
Maine	0	255	0	230	0	0	0
Massachusetts	0	51	0	27	0	0	349
New Hampshire	0	103	0	275	0	0	0
Rhode Island	0	161	0	173	0	0	0
Vermont	0	391	0	0	0	0	0
Middle Atlantic	**176**	**20**	**0**	**36**	**0**	**0**	**412**
New Jersey	0	222	0	87	0	0	0
New York	0	19	0	36	0	0	412
Pennsylvania	176	123	0	112	0	0	0
East North Central	**17**	**130**	**0**	**24**	**0**	**0**	**571**
Illinois	147	270	0	25	0	0	571
Indiana	15	866	0	155	0	0	0
Michigan	0	58	0	37	0	0	0
Ohio	382	364	0	71	0	0	0
Wisconsin	280	1,578	0	144	0	0	0
West North Central	**33**	**155**	**0**	**62**	**0**	**0**	**0**
Iowa	48	442	0	286	0	0	0
Minnesota	0	175	0	125	0	0	0
Missouri	0	685	0	0	0	0	0
Nebraska	0	0	0	2,027	0	0	0
North Dakota	0	799	0	0	0	0	0
South Dakota	0	1,163	0	0	0	0	0
South Atlantic	**161**	**75**	**0**	**63**	**0**	**0**	**119**
District of Columbia	0	0	0	152	0	0	0
Florida	0	0	0	178	0	0	0
Georgia	0	155	0	0	0	0	0
Maryland	160	90	0	75	0	0	0
North Carolina	0	432	0	0	0	0	119
South Carolina	0	610	0	0	0	0	0
Virginia	272	62	0	0	0	0	0
East South Central	**132**	**582**	**0**	**93**	**0**	**0**	**0**
Mississippi	0	0	0	341	0	0	0
Tennessee	132	582	0	96	0	0	0
West South Central	**0**	**485**	**0**	**35**	**0**	**0**	**0**
Arkansas	0	0	0	2,381	0	0	0
Louisiana	0	0	0	243	0	0	0
Oklahoma	0	9,485	0	140	0	0	0
Texas	0	485	0	36	0	0	0
Mountain	**0**	**867**	**0**	**36**	**0**	**0**	**850**
Arizona	0	867	0	58	0	0	0
Colorado	0	0	0	0	0	0	850
Nevada	0	0	0	73	0	0	0
New Mexico	0	0	0	76	0	0	0
Utah	0	0	0	92	0	0	0
Pacific Contiguous	**0**	**28**	**0**	**16**	**0**	**0**	**1,032**
California	0	28	0	15	0	0	1,032
Oregon	0	0	0	244	0	0	0
Washington	0	657	0	342	0	0	0
Pacific Noncontiguous	**16**	**49**	**0**	**1,025**	**0**	**0**	**0**
Alaska	16	66	0	1,025	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**15**	**19**	**0**	**11**	**0**	**0**	**176**

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, September 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**	**405**	**24**	**0**	**39**	**24**
Connecticut	0	0	0	0	0	0	0	61
Maine	0	0	0	0	26	0	39	31
Massachusetts	0	0	0	405	93	0	0	25
New Hampshire	0	0	0	0	46	0	0	89
Rhode Island	0	0	0	0	0	0	0	159
Vermont	0	0	0	0	414	0	0	336
Middle Atlantic	**0**	**0**	**0**	**60**	**15**	**0**	**12**	**14**
New Jersey	0	0	0	60	30	0	0	28
New York	0	0	0	0	17	0	26	18
Pennsylvania	0	0	0	235	9	0	0	34
East North Central	**0**	**0**	**0**	**392**	**13**	**0**	**14**	**16**
Illinois	0	0	0	0	0	0	0	25
Indiana	0	0	0	0	56	0	87	40
Michigan	0	0	0	0	9	0	13	18
Ohio	0	0	0	392	392	0	0	70
Wisconsin	0	0	0	0	122	0	0	128
West North Central	**0**	**0**	**0**	**0**	**26**	**0**	**73**	**27**
Iowa	0	0	0	0	58	0	0	44
Minnesota	0	0	0	0	60	0	73	78
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	73	0	0	123
North Dakota	0	0	0	0	0	0	0	799
South Dakota	0	0	0	0	0	0	0	1,163
South Atlantic	**0**	**0**	**0**	**76**	**21**	**0**	**16**	**24**
Delaware	0	0	0	0	210	0	0	210
District of Columbia	0	0	0	0	0	0	0	152
Florida	0	0	0	555	88	0	0	120
Georgia	0	0	0	374	87	0	0	83
Maryland	0	0	0	315	97	0	550	61
North Carolina	0	0	0	79	79	0	0	72
South Carolina	0	0	0	0	0	0	0	610
Virginia	0	0	0	0	11	0	16	12
East South Central	**0**	**0**	**0**	**158**	**158**	**0**	**0**	**83**
Mississippi	0	0	0	0	0	0	0	341
Tennessee	0	0	0	158	158	0	0	84
West South Central	**0**	**0**	**0**	**469**	**63**	**0**	**0**	**33**
Arkansas	0	0	0	0	118	0	0	255
Louisiana	0	0	0	0	0	0	0	243
Oklahoma	0	0	0	0	0	0	0	140
Texas	0	0	0	469	68	0	0	33
Mountain	**0**	**0**	**0**	**61**	**58**	**0**	**0**	**31**
Arizona	0	0	0	183	183	0	0	59
Colorado	0	0	0	67	67	0	0	94
Nevada	0	0	0	53	53	0	0	49
New Mexico	0	0	0	0	260	0	0	74
Utah	0	0	0	0	0	0	0	92
Pacific Contiguous	**0**	**0**	**0**	**66**	**10**	**0**	**0**	**10**
California	0	0	0	66	10	0	0	10
Oregon	0	0	0	0	54	0	0	129
Washington	0	0	0	0	0	0	0	338
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**
Alaska	0	0	0	0	0	0	0	19
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**34**	**7**	**0**	**7**	**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.4.B. Relative Standard Error for Net Generation by Fuel Type:

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**44**	**0**	**31**	**0**	**0**	**349**
Connecticut	0	953	0	61	0	0	0
Maine	0	255	0	230	0	0	0
Massachusetts	0	51	0	27	0	0	349
New Hampshire	0	103	0	275	0	0	0
Rhode Island	0	161	0	173	0	0	0
Vermont	0	391	0	0	0	0	0
Middle Atlantic	**176**	**20**	**0**	**36**	**0**	**0**	**412**
New Jersey	0	222	0	87	0	0	0
New York	0	19	0	36	0	0	412
Pennsylvania	176	123	0	112	0	0	0
East North Central	**17**	**130**	**0**	**24**	**0**	**0**	**571**
Illinois	147	270	0	25	0	0	571
Indiana	15	866	0	155	0	0	0
Michigan	0	58	0	37	0	0	0
Ohio	382	364	0	71	0	0	0
Wisconsin	280	1,578	0	144	0	0	0
West North Central	**33**	**155**	**0**	**62**	**0**	**0**	**0**
Iowa	48	442	0	286	0	0	0
Minnesota	0	175	0	125	0	0	0
Missouri	0	685	0	0	0	0	0
Nebraska	0	0	0	2,027	0	0	0
North Dakota	0	799	0	0	0	0	0
South Dakota	0	1,163	0	0	0	0	0
South Atlantic	**161**	**75**	**0**	**63**	**0**	**0**	**119**
District of Columbia	0	0	0	152	0	0	0
Florida	0	0	0	178	0	0	0
Georgia	0	155	0	0	0	0	0
Maryland	160	90	0	75	0	0	0
North Carolina	0	432	0	0	0	0	119
South Carolina	0	610	0	0	0	0	0
Virginia	272	62	0	0	0	0	0
East South Central	**132**	**582**	**0**	**93**	**0**	**0**	**0**
Mississippi	0	0	0	341	0	0	0
Tennessee	132	582	0	96	0	0	0
West South Central	**0**	**485**	**0**	**35**	**0**	**0**	**0**
Arkansas	0	0	0	2,381	0	0	0
Louisiana	0	0	0	243	0	0	0
Oklahoma	0	9,485	0	140	0	0	0
Texas	0	485	0	36	0	0	0
Mountain	**0**	**867**	**0**	**36**	**0**	**0**	**850**
Arizona	0	867	0	58	0	0	0
Colorado	0	0	0	0	0	0	850
Nevada	0	0	0	73	0	0	0
New Mexico	0	0	0	76	0	0	0
Utah	0	0	0	92	0	0	0
Pacific Contiguous	**0**	**28**	**0**	**16**	**0**	**0**	**1,032**
California	0	28	0	15	0	0	1,032
Oregon	0	0	0	244	0	0	0
Washington	0	657	0	342	0	0	0
Pacific Noncontiguous	**16**	**49**	**0**	**1,025**	**0**	**0**	**0**
Alaska	16	66	0	1,025	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**15**	**19**	**0**	**11**	**0**	**0**	**176**

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 September 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**	**405**	**24**	**0**	**39**	**24**
Connecticut	0	0	0	0	0	0	0	61
Maine	0	0	0	0	26	0	39	31
Massachusetts	0	0	0	405	93	0	0	25
New Hampshire	0	0	0	0	46	0	0	89
Rhode Island	0	0	0	0	0	0	0	159
Vermont	0	0	0	0	414	0	0	336
Middle Atlantic	**0**	**0**	**0**	**60**	**15**	**0**	**12**	**14**
New Jersey	0	0	0	60	30	0	0	28
New York	0	0	0	0	17	0	26	18
Pennsylvania	0	0	0	235	9	0	0	34
East North Central	**0**	**0**	**0**	**392**	**13**	**0**	**14**	**16**
Illinois	0	0	0	0	0	0	0	25
Indiana	0	0	0	0	56	0	87	40
Michigan	0	0	0	0	9	0	13	18
Ohio	0	0	0	392	392	0	0	70
Wisconsin	0	0	0	0	122	0	0	128
West North Central	**0**	**0**	**0**	**0**	**26**	**0**	**73**	**27**
Iowa	0	0	0	0	58	0	0	44
Minnesota	0	0	0	0	60	0	73	78
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	73	0	0	123
North Dakota	0	0	0	0	0	0	0	799
South Dakota	0	0	0	0	0	0	0	1,163
South Atlantic	**0**	**0**	**0**	**76**	**21**	**0**	**16**	**24**
Delaware	0	0	0	0	210	0	0	210
District of Columbia	0	0	0	0	0	0	0	152
Florida	0	0	0	555	88	0	0	120
Georgia	0	0	0	374	87	0	0	83
Maryland	0	0	0	315	97	0	550	61
North Carolina	0	0	0	79	79	0	0	72
South Carolina	0	0	0	0	0	0	0	610
Virginia	0	0	0	0	11	0	16	12
East South Central	**0**	**0**	**0**	**158**	**158**	**0**	**0**	**83**
Mississippi	0	0	0	0	0	0	0	341
Tennessee	0	0	0	158	158	0	0	84
West South Central	**0**	**0**	**0**	**469**	**63**	**0**	**0**	**33**
Arkansas	0	0	0	0	118	0	0	255
Louisiana	0	0	0	0	0	0	0	243
Oklahoma	0	0	0	0	0	0	0	140
Texas	0	0	0	469	68	0	0	33
Mountain	**0**	**0**	**0**	**61**	**58**	**0**	**0**	**31**
Arizona	0	0	0	183	183	0	0	59
Colorado	0	0	0	67	67	0	0	94
Nevada	0	0	0	53	53	0	0	49
New Mexico	0	0	0	0	260	0	0	74
Utah	0	0	0	0	0	0	0	92
Pacific Contiguous	**0**	**0**	**0**	**66**	**10**	**0**	**0**	**10**
California	0	0	0	66	10	0	0	10
Oregon	0	0	0	0	54	0	0	129
Washington	0	0	0	0	0	0	0	338
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**
Alaska	0	0	0	0	0	0	0	19
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**34**	**7**	**0**	**7**	**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.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, September 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**60**	**56**	**0**	**23**	**0**	**0**	**28**
Connecticut	0	196	0	71	0	0	0
Maine	0	44	0	23	0	0	25
Massachusetts	104	1,056	0	97	0	0	398
New Hampshire	0	436	0	223	0	0	743
Middle Atlantic	**13**	**8**	**102**	**33**	**10**	**0**	**104**
New Jersey	0	392	210	84	0	0	0
New York	0	2	0	65	0	0	104
Pennsylvania	22	136	114	43	10	0	0
East North Central	**6**	**28**	**59**	**30**	**8**	**0**	**149**
Illinois	8	4,743	0	65	31	0	0
Indiana	82	24	0	41	6	0	0
Michigan	31	214	138	89	0	0	379
Ohio	21	80	336	108	33	0	0
Wisconsin	11	106	0	65	0	0	162
West North Central	**9**	**113**	**0**	**104**	**87**	**0**	**160**
Iowa	9	374	0	328	0	0	0
Kansas	0	0	0	123	0	0	0
Minnesota	24	185	0	206	0	0	160
Missouri	88	0	0	443	0	0	0
Nebraska	30	0	0	472	0	0	0
North Dakota	63	151	0	338	87	0	0
South Atlantic	**12**	**31**	**0**	**14**	**0**	**0**	**10**
Delaware	0	0	0	0	0	0	0
Florida	67	77	0	27	0	0	0
Georgia	20	34	0	56	0	0	169
Maryland	0	0	0	150	0	0	0
North Carolina	62	51	0	54	0	0	12
South Carolina	27	0	0	112	0	0	0
Virginia	31	147	0	39	0	0	227
West Virginia	5	0	0	0	0	0	11
East South Central	**6**	**73**	**0**	**15**	**15**	**0**	**12**
Alabama	38	78	0	28	16	0	0
Kentucky	0	0	0	82	0	0	0
Mississippi	0	0	0	17	0	0	0
Tennessee	2	191	0	19	0	0	12
West South Central	**42**	**16**	**67**	**3**	**5**	**0**	**0**
Arkansas	0	0	0	50	0	0	0
Louisiana	0	0	88	4	5	0	0
Oklahoma	46	231	0	176	0	0	0
Texas	0	324	58	4	8	0	0
Mountain	**9**	**97**	**0**	**23**	**8**	**0**	**0**
Colorado	317	4,058	0	244	0	0	0
Idaho	68	0	0	198	0	0	0
Montana	202	0	0	0	0	0	0
Nevada	0	0	0	75	0	0	0
New Mexico	0	2,369	0	0	0	0	0
Utah	0	1,369	0	28	208	0	0
Wyoming	29	84	0	31	6	0	0
Pacific Contiguous	**0**	**25**	**0**	**6**	**7**	**0**	**0**
California	0	20	0	6	7	0	0
Oregon	0	0	0	108	0	0	0
Washington	0	51	0	0	0	0	0
Pacific Noncontiguous	**154**	**40**	**0**	**241**	**88**	**0**	**246**
Alaska	0	27	0	241	305	0	0
Hawaii	154	62	0	0	92	0	246
U.S. Total	**4**	**16**	**38**	**3**	**4**	**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, September 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**	**6**	**0**	**29**	**10**
Connecticut	0	0	0	0	0	0	0	71
Maine	0	0	0	0	6	0	29	9
Massachusetts	0	0	0	0	0	0	0	81
New Hampshire	0	0	0	0	0	0	0	219
Middle Atlantic	**0**	**0**	**0**	**122**	**14**	**0**	**0**	**13**
New Jersey	0	0	0	224	224	0	0	77
New York	0	0	0	0	5	0	0	18
Pennsylvania	0	0	0	137	19	0	0	16
East North Central	**0**	**0**	**0**	**0**	**11**	**0**	**9**	**5**
Illinois	0	0	0	0	0	0	25	10
Indiana	0	0	0	0	70	0	0	7
Michigan	0	0	0	0	18	0	0	22
Ohio	0	0	0	0	16	0	0	18
Wisconsin	0	0	0	0	19	0	82	13
West North Central	**0**	**0**	**0**	**0**	**11**	**0**	**55**	**9**
Iowa	0	0	0	0	0	0	0	10
Kansas	0	0	0	0	0	0	0	123
Minnesota	0	0	0	0	12	0	55	15
Missouri	0	0	0	0	222	0	0	84
Nebraska	0	0	0	0	0	0	0	33
North Dakota	0	0	0	0	0	0	0	58
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**5**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	11	0	6	9
Georgia	0	0	0	0	6	0	5	7
Maryland	0	0	0	0	0	0	0	27
North Carolina	0	0	0	0	10	0	0	10
South Carolina	0	0	0	0	1	0	0	5
Virginia	0	0	0	0	9	0	0	11
West Virginia	0	0	0	0	0	0	0	4
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**0**	**5**
Alabama	0	0	0	0	9	0	0	9
Kentucky	0	0	0	0	51	0	0	67
Mississippi	0	0	0	0	7	0	0	9
Tennessee	0	0	0	0	17	0	0	6
West South Central	**0**	**0**	**0**	**0**	**6**	**0**	**10**	**3**
Arkansas	0	0	0	0	7	0	0	9
Louisiana	0	0	0	0	9	0	10	3
Oklahoma	0	0	0	0	33	0	90	32
Texas	0	0	0	0	16	0	16	4
Mountain	**0**	**0**	**0**	**188**	**2**	**0**	**45**	**8**
Colorado	0	0	0	0	271	0	60	69
Idaho	0	0	0	0	1	0	0	13
Montana	0	0	0	0	0	0	0	202
Nevada	0	0	0	188	188	0	0	73
New Mexico	0	0	0	0	0	0	0	2,369
Utah	0	0	0	0	0	0	0	8
Wyoming	0	0	0	0	0	0	0	16
Pacific Contiguous	**0**	**0**	**0**	**283**	**11**	**0**	**11**	**4**
California	0	0	0	283	27	0	12	5
Oregon	0	0	0	0	15	0	0	20
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**30**	**0**	**0**	**39**
Alaska	0	0	0	0	431	0	0	85
Hawaii	0	0	0	0	30	0	0	44
U.S. Total	**0**	**0**	**0**	**111**	**3**	**0**	**5**	**2**

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**60**	**56**	**0**	**23**	**0**	**0**	**28**
Connecticut	0	196	0	71	0	0	0
Maine	0	44	0	23	0	0	25
Massachusetts	104	1,056	0	97	0	0	398
New Hampshire	0	436	0	223	0	0	743
Middle Atlantic	**13**	**8**	**102**	**33**	**10**	**0**	**104**
New Jersey	0	392	210	84	0	0	0
New York	0	2	0	65	0	0	104
Pennsylvania	22	136	114	43	10	0	0
East North Central	**6**	**28**	**59**	**30**	**8**	**0**	**149**
Illinois	8	4,743	0	65	31	0	0
Indiana	82	24	0	41	6	0	0
Michigan	31	214	138	89	0	0	379
Ohio	21	80	336	108	33	0	0
Wisconsin	11	106	0	65	0	0	162
West North Central	**9**	**113**	**0**	**104**	**87**	**0**	**160**
Iowa	9	374	0	328	0	0	0
Kansas	0	0	0	123	0	0	0
Minnesota	24	185	0	206	0	0	160
Missouri	88	0	0	443	0	0	0
Nebraska	30	0	0	472	0	0	0
North Dakota	63	151	0	338	87	0	0
South Atlantic	**12**	**31**	**0**	**14**	**0**	**0**	**10**
Delaware	0	0	0	0	0	0	0
Florida	67	77	0	27	0	0	0
Georgia	20	34	0	56	0	0	169
Maryland	0	0	0	150	0	0	0
North Carolina	62	51	0	54	0	0	12
South Carolina	27	0	0	112	0	0	0
Virginia	31	147	0	39	0	0	227
West Virginia	5	0	0	0	0	0	11
East South Central	**6**	**73**	**0**	**15**	**15**	**0**	**12**
Alabama	38	78	0	28	16	0	0
Kentucky	0	0	0	82	0	0	0
Mississippi	0	0	0	17	0	0	0
Tennessee	2	191	0	19	0	0	12
West South Central	**42**	**16**	**67**	**3**	**5**	**0**	**0**
Arkansas	0	0	0	50	0	0	0
Louisiana	0	0	88	4	5	0	0
Oklahoma	46	231	0	176	0	0	0
Texas	0	324	58	4	8	0	0
Mountain	**9**	**97**	**0**	**23**	**8**	**0**	**0**
Colorado	317	4,058	0	244	0	0	0
Idaho	68	0	0	198	0	0	0
Montana	202	0	0	0	0	0	0
Nevada	0	0	0	75	0	0	0
New Mexico	0	2,369	0	0	0	0	0
Utah	0	1,369	0	28	208	0	0
Wyoming	29	84	0	31	6	0	0
Pacific Contiguous	**0**	**25**	**0**	**6**	**7**	**0**	**0**
California	0	20	0	6	7	0	0
Oregon	0	0	0	108	0	0	0
Washington	0	51	0	0	0	0	0
Pacific Noncontiguous	**154**	**40**	**0**	**241**	**88**	**0**	**246**
Alaska	0	27	0	241	305	0	0
Hawaii	154	62	0	0	92	0	246
U.S. Total	**4**	**16**	**38**	**3**	**4**	**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 September 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**	**6**	**0**	**29**	**10**
Connecticut	0	0	0	0	0	0	0	71
Maine	0	0	0	0	6	0	29	9
Massachusetts	0	0	0	0	0	0	0	81
New Hampshire	0	0	0	0	0	0	0	219
Middle Atlantic	**0**	**0**	**0**	**122**	**14**	**0**	**0**	**13**
New Jersey	0	0	0	224	224	0	0	77
New York	0	0	0	0	5	0	0	18
Pennsylvania	0	0	0	137	19	0	0	16
East North Central	**0**	**0**	**0**	**0**	**11**	**0**	**9**	**5**
Illinois	0	0	0	0	0	0	25	10
Indiana	0	0	0	0	70	0	0	7
Michigan	0	0	0	0	18	0	0	22
Ohio	0	0	0	0	16	0	0	18
Wisconsin	0	0	0	0	19	0	82	13
West North Central	**0**	**0**	**0**	**0**	**11**	**0**	**55**	**9**
Iowa	0	0	0	0	0	0	0	10
Kansas	0	0	0	0	0	0	0	123
Minnesota	0	0	0	0	12	0	55	15
Missouri	0	0	0	0	222	0	0	84
Nebraska	0	0	0	0	0	0	0	33
North Dakota	0	0	0	0	0	0	0	58
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**5**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	11	0	6	9
Georgia	0	0	0	0	6	0	5	7
Maryland	0	0	0	0	0	0	0	27
North Carolina	0	0	0	0	10	0	0	10
South Carolina	0	0	0	0	1	0	0	5
Virginia	0	0	0	0	9	0	0	11
West Virginia	0	0	0	0	0	0	0	4
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**0**	**5**
Alabama	0	0	0	0	9	0	0	9
Kentucky	0	0	0	0	51	0	0	67
Mississippi	0	0	0	0	7	0	0	9
Tennessee	0	0	0	0	17	0	0	6
West South Central	**0**	**0**	**0**	**0**	**6**	**0**	**10**	**3**
Arkansas	0	0	0	0	7	0	0	9
Louisiana	0	0	0	0	9	0	10	3
Oklahoma	0	0	0	0	33	0	90	32
Texas	0	0	0	0	16	0	16	4
Mountain	**0**	**0**	**0**	**188**	**2**	**0**	**45**	**8**
Colorado	0	0	0	0	271	0	60	69
Idaho	0	0	0	0	1	0	0	13
Montana	0	0	0	0	0	0	0	202
Nevada	0	0	0	188	188	0	0	73
New Mexico	0	0	0	0	0	0	0	2,369
Utah	0	0	0	0	0	0	0	8
Wyoming	0	0	0	0	0	0	0	16
Pacific Contiguous	**0**	**0**	**0**	**283**	**11**	**0**	**11**	**4**
California	0	0	0	283	27	0	12	5
Oregon	0	0	0	0	15	0	0	20
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**30**	**0**	**0**	**39**
Alaska	0	0	0	0	431	0	0	85
Hawaii	0	0	0	0	30	0	0	44
U.S. Total	**0**	**0**	**0**	**111**	**3**	**0**	**5**	**2**

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

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

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

by End-Use Sector, Census Division, and State, Year-to-Date through September 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	2	3	0	1
South Dakota	1	5	3	0	2
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	1	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	113	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	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**0**

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**46**	**1**
Connecticut	0	1	3	0	1
Maine	1	3	3	0	1
Massachusetts	1	1	5	73	1
New Hampshire	1	1	4	0	1
Rhode Island	0	14	0	0	6
Vermont	3	3	8	0	2
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	0	0	3	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	2	0	1
East North Central	**1**	**1**	**1**	**0**	**0**
Illinois	1	1	3	0	1
Indiana	2	2	2	0	1
Michigan	1	1	2	0	1
Ohio	1	1	3	0	1
Wisconsin	1	2	3	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	2	5	4	0	2
Kansas	2	1	4	0	1
Minnesota	1	3	4	0	2
Missouri	2	2	5	0	1
Nebraska	2	5	6	0	2
North Dakota	2	4	6	0	3
South Dakota	3	6	7	0	3
South Atlantic	**1**	**0**	**1**	**23**	**0**
Delaware	2	13	10	0	5
District of Columbia	0	0	0	81	2
Florida	1	1	3	0	1
Georgia	2	1	2	0	1
Maryland	1	1	3	0	1
North Carolina	2	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	1	1	1	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	4	0	2
Mississippi	2	1	3	0	1
Tennessee	1	2	4	0	1
West South Central	**1**	**1**	**1**	**0**	**0**
Arkansas	2	2	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	1	3	0	1
Texas	1	1	1	0	1
Mountain	**0**	**2**	**2**	**0**	**1**
Arizona	1	3	4	0	1
Colorado	2	5	7	0	3
Idaho	1	3	2	0	1
Montana	3	5	7	0	3
Nevada	0	3	1	0	1
New Mexico	3	9	10	0	4
Utah	2	6	3	0	3
Wyoming	3	5	3	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**0**
California	0	1	2	0	0
Oregon	1	3	5	0	1
Washington	1	2	4	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	3	6	7	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**3**	**0**

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**29**	**0**
Connecticut	0	0	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	1	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	4	0	51	3
Florida	0	0	2	0	0
Georgia	1	1	2	0	0
Maryland	0	1	2	0	0
North Carolina	1	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	104	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	2	4	0	1
Idaho	1	2	1	0	1
Montana	1	3	4	0	1
Nevada	0	1	1	0	0
New Mexico	1	3	6	0	2
Utah	1	2	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	2	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**

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**46**	**1**
Connecticut	0	0	4	0	1
Maine	1	3	1	0	1
Massachusetts	1	0	4	73	1
New Hampshire	0	0	2	0	1
Rhode Island	0	14	0	0	6
Vermont	2	1	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	2	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	0	1	0	0
Indiana	1	1	1	0	1
Michigan	0	1	1	0	0
Ohio	1	0	1	0	0
Wisconsin	1	1	1	0	1
West North Central	**1**	**1**	**1**	**0**	**0**
Iowa	1	2	2	0	1
Kansas	2	1	2	0	1
Minnesota	1	1	2	0	1
Missouri	1	0	2	0	1
Nebraska	1	2	3	0	1
North Dakota	1	1	3	0	1
South Dakota	1	3	4	0	1
South Atlantic	**0**	**0**	**1**	**23**	**0**
Delaware	1	13	4	0	5
District of Columbia	0	0	0	81	2
Florida	0	0	2	0	0
Georgia	1	1	1	0	1
Maryland	1	0	2	0	0
North Carolina	1	1	1	0	1
South Carolina	1	1	1	0	1
Virginia	1	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**0**	**1**	**0**	**0**
Alabama	1	1	1	0	1
Kentucky	1	1	1	0	1
Mississippi	1	1	2	0	1
Tennessee	1	1	2	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	1	1	2	0	1
Louisiana	1	1	1	0	0
Oklahoma	1	1	2	0	1
Texas	1	0	1	0	0
Mountain	**0**	**0**	**1**	**0**	**0**
Arizona	0	0	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	1	0	1
Montana	1	2	4	0	1
Nevada	0	1	0	0	0
New Mexico	1	2	5	0	1
Utah	1	1	1	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	2	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	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.B. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers

by End-Use Sector, Census Division, and State, Year-to-Date through September 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	1	1	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	1	2	0	0
Indiana	0	1	2	0	1
Michigan	0	1	1	0	0
Ohio	0	1	2	0	1
Wisconsin	0	2	2	0	1
West North Central	**0**	**1**	**1**	**0**	**1**
Iowa	0	4	2	0	1
Kansas	0	1	3	0	1
Minnesota	0	2	2	0	1
Missouri	0	1	5	0	1
Nebraska	0	4	3	0	2
North Dakota	0	3	4	0	2
South Dakota	1	5	5	0	2
South Atlantic	**0**	**0**	**1**	**15**	**0**
Delaware	0	8	8	0	3
District of Columbia	0	4	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**	**0**
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	101	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	2	4	0	1
Idaho	0	3	1	0	1
Montana	1	4	4	0	2
Nevada	0	1	1	0	0
New Mexico	0	3	6	0	2
Utah	0	2	2	0	1
Wyoming	1	4	1	0	1
Pacific Contiguous	**0**	**1**	**1**	**0**	**0**
California	0	0	2	0	0
Oregon	0	2	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	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	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	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	. Hours, . Minutes	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

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

92

[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, September 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	24.92	6.16	--	1.03
Connecticut	--	6.07	--	1.03
Maine	24.92	6.11	--	1.02
Massachusetts	--	6.01	--	1.03
New Hampshire	--	6.40	--	1.03
Rhode Island	--	--	--	1.03
Vermont	--	--	--	--
Middle Atlantic	23.31	6.07	--	1.03
New Jersey	25.45	6.23	--	1.03
New York	20.90	6.24	--	1.03
Pennsylvania	23.41	5.85	--	1.04
East North Central	20.15	5.79	28.58	1.03
Illinois	17.62	5.80	--	1.01
Indiana	22.22	5.75	29.70	1.05
Michigan	18.78	5.81	27.82	1.02
Ohio	23.96	5.77	28.35	1.04
Wisconsin	18.34	5.83	27.79	1.03
West North Central	16.68	5.80	--	1.04
Iowa	17.36	5.71	--	1.05
Kansas	17.38	5.81	--	1.03
Minnesota	17.66	5.78	--	1.05
Missouri	17.62	5.79	--	1.02
Nebraska	16.85	5.80	--	1.05
North Dakota	12.89	5.86	--	0.98
South Dakota	16.66	--	--	1.03
South Atlantic	23.78	5.86	28.85	1.03
Delaware	--	5.74	--	1.06
District of Columbia	--	--	--	--
Florida	23.55	5.81	28.96	1.02
Georgia	20.65	6.00	28.67	1.03
Maryland	25.03	5.80	--	1.05
North Carolina	24.78	5.81	--	1.03
South Carolina	25.09	5.86	--	1.03
Virginia	24.26	5.88	--	1.04
West Virginia	24.56	5.78	--	1.04
East South Central	21.50	5.81	28.37	1.03
Alabama	19.86	5.68	--	1.03
Kentucky	22.75	5.85	28.37	1.03
Mississippi	19.07	5.81	--	1.04
Tennessee	21.49	5.79	--	1.01
West South Central	15.98	5.80	28.43	1.03
Arkansas	17.54	5.80	--	1.04
Louisiana	16.31	5.80	28.43	1.04
Oklahoma	17.21	5.80	--	1.04
Texas	15.40	5.80	--	1.03
Mountain	18.84	5.74	--	1.04
Arizona	19.23	5.80	--	1.03
Colorado	19.44	--	--	1.05
Idaho	--	--	--	1.02
Montana	16.80	5.92	--	--
Nevada	19.97	5.80	--	1.04
New Mexico	17.85	5.66	--	1.04
Utah	22.12	5.88	--	1.04
Wyoming	17.55	5.80	--	1.04
Pacific Contiguous	17.71	--	--	1.03
California	23.11	--	--	1.03
Oregon	17.13	--	--	1.04
Washington	17.14	--	--	1.05
Pacific Noncontiguous	20.35	6.16	--	1.00
Alaska	--	--	--	1.00
Hawaii	20.35	6.16	--	--
U.S. Total	19.51	6.06	28.51	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 Preliminary Annual Data	2010 Final Annual Data	2010 Percent Change	2011 Preliminary Annual Data	2011 Final Annual Data	2011 Percent Change	2012 Preliminary Annual Data	2012 Final Annual Data	2012 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.