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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 August											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Net Generation (Thousand Megawatthours)											
Coal	149,006	149,875	-0.6%	114,987	114,165	32,832	34,518	54	66	1,132	1,125
Petroleum Liquids	1,048	1,090	-3.9%	746	812	250	222	15	17	37	40
Petroleum Coke	1,007	1,379	-26.9%	770	952	123	215	1	1	113	211
Natural Gas	121,176	119,480	1.4%	52,076	52,076	61,178	59,278	596	587	7,326	7,539
Other Gas	1,072	1,144	-6.3%	4	6	366	315	0	0	702	823
Nuclear	71,129	71,344	-0.3%	37,182	37,177	33,946	34,167	0	0	0	0
Hydroelectric Conventional	19,786	21,712	-8.9%	17,952	19,804	1,627	1,669	NM	NM	204	235
Renewable Sources Excluding Hydroelectric	18,934	17,277	9.6%	1,986	1,978	14,177	12,530	285	260	2,485	2,508
... Wind	10,187	9,593	6.2%	1,391	1,422	8,787	8,165	NM	NM	NM	NM
... Solar Thermal and Photovoltaic	1,937	1,001	93.6%	126	110	1,764	853	45	36	NM	NM
... Wood and Wood-Derived Fuels	3,712	3,586	3.5%	260	229	1,042	943	8	NM	2,403	2,412
... Other Biomass	1,741	1,717	1.4%	117	125	1,321	1,281	226	218	78	92
... Geothermal	1,357	1,379	-1.7%	93	92	1,264	1,288	0	0	0	0
Hydroelectric Pumped Storage	-769	-454	69.2%	-668	-407	-101	-47	0	0	0	0
Other Energy Sources	1,105	1,122	-1.5%	43	39	580	593	114	107	367	383
All Energy Sources	383,494	383,968	-0.1%	225,079	226,603	144,981	143,460	1,069	1,041	12,366	12,864
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	81,210	81,984	-0.9%	61,262	61,498	19,509	20,055	22	26	418	404
Petroleum Liquids (1000 barrels)	1,767	1,775	-0.5%	1,347	1,422	361	289	18	19	40	44
Petroleum Coke (1000 tons)	369	495	-25.5%	286	332	51	94	0	0	32	69
Natural Gas (1000 Mcf)	923,476	929,275	-0.6%	408,028	425,592	458,832	443,239	5,573	5,558	51,044	54,886
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,429	1,503	-4.9%	0	0	180	234	70	79	1,179	1,190
Petroleum Liquids (1000 barrels)	232	245	-5.3%	0	0	94	90	10	9	128	146
Petroleum Coke (1000 tons)	104	67	55.1%	0	0	9	10	2	1	93	56
Natural Gas (1000 Mcf)	74,306	77,109	-3.6%	0	0	27,711	29,610	3,974	3,945	42,621	43,553
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	82,640	83,487	-1.0%	61,262	61,498	19,689	20,290	92	105	1,597	1,594
Petroleum Liquids (1000 barrels)	1,999	2,020	-1.0%	1,347	1,422	456	379	28	28	168	190
Petroleum Coke (1000 tons)	473	562	-15.9%	286	332	59	103	2	2	125	125
Natural Gas (1000 Mcf)	997,783	1,006,384	-0.9%	408,028	425,592	486,543	472,850	9,547	9,504	93,665	98,439
Fuel Stocks (end-of-month)											
Coal (1000 tons)	123,724	156,071	-20.7%	92,819	127,058	28,222	27,061	249	323	2,433	1,630
Petroleum Liquids (1000 barrels)	30,509	32,863	-7.2%	20,028	22,231	8,015	8,097	337	403	2,129	2,132
Petroleum Coke (1000 tons)	569	659	-13.6%	W	183	W	77	W	W	181	W

Sales, Revenue, and Average Retail Price for August									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	August 2014	August 2013	Percentage Change	August 2014	August 2013	Percentage Change	August 2014	August 2013	Percentage Change
Residential	135,247	137,734	-1.8%	17,601	17,230	2.2%	13.01	12.51	4.0%
Commercial	126,527	127,369	-0.7%	14,011	13,659	2.6%	11.07	10.72	3.3%
Industrial	85,597	84,701	1.1%	6,318	6,144	2.8%	7.38	7.25	1.8%
Transportation	642	634	1.3%	67	66	1.3%	10.37	10.38	-0.1%
All Sectors	348,014	350,437	-0.7%	37,996	37,098	2.4%	10.92	10.59	3.1%

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 August											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
Net Generation (Thousand Megawatthours)											
Coal	1,105,161	1,067,212	3.6%	835,535	801,352	260,051	256,630	599	572	8,975	8,658
Petroleum Liquids	14,653	9,359	56.6%	8,104	6,384	5,896	2,484	NM	NM	361	324
Petroleum Coke	8,399	9,280	-9.5%	6,441	6,507	989	1,248	5	3	965	1,522
Natural Gas	739,215	749,627	-1.4%	317,950	319,338	361,477	368,018	4,289	4,214	55,499	58,057
Other Gas	7,369	8,156	-9.6%	65	33	2,309	2,056	0	0	4,995	6,067
Nuclear	528,639	523,765	0.9%	279,481	269,699	249,158	254,066	0	0	0	0
Hydroelectric Conventional	184,714	195,846	-5.7%	167,186	177,142	15,753	16,301	NM	NM	1,747	2,376
Renewable Sources Excluding Hydroelectric	186,270	168,582	10.5%	22,562	20,749	142,216	126,843	2,073	1,902	19,419	19,088
... Wind	122,022	112,247	8.7%	18,310	17,004	103,617	95,179	67	44	29	21
... Solar Thermal and Photovoltaic	12,346	5,818	112.2%	846	677	11,190	4,920	293	206	17	14
... Wood and Wood-Derived Fuels	28,207	26,177	7.8%	1,756	1,409	7,658	6,368	55	17	18,738	18,384
... Other Biomass	12,866	13,325	-3.4%	908	957	9,665	10,064	1,659	1,635	635	669
... Geothermal	10,829	11,015	-1.7%	743	703	10,086	10,312	0	0	0	0
Hydroelectric Pumped Storage	-3,892	-2,968	31.1%	-3,220	-2,462	-671	-506	0	0	0	0
Other Energy Sources	7,997	8,267	-3.3%	290	282	4,315	4,610	794	758	2,598	2,617
All Energy Sources	2,778,525	2,737,125	1.5%	1,634,394	1,599,023	1,041,492	1,031,750	8,081	7,643	94,558	98,708
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	592,645	578,541	2.4%	440,905	430,015	148,324	145,215	206	219	3,210	3,093
Petroleum Liquids (1000 barrels)	24,837	15,718	58.0%	14,565	11,391	9,453	3,757	442	217	377	354
Petroleum Coke (1000 tons)	3,106	3,345	-7.2%	2,366	2,304	422	539	1	1	317	501
Natural Gas (1000 Mcf)	5,634,466	5,746,599	-2.0%	2,499,391	2,556,340	2,699,652	2,731,844	40,092	39,762	395,330	418,653
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	12,170	12,364	-1.6%	0	0	1,661	1,734	719	742	9,790	9,888
Petroleum Liquids (1000 barrels)	2,509	2,039	23.1%	0	0	825	675	214	104	1,470	1,260
Petroleum Coke (1000 tons)	495	724	-31.6%	0	0	54	73	9	6	433	645
Natural Gas (1000 Mcf)	592,140	592,953	-0.1%	0	0	223,321	219,429	30,771	30,455	338,048	343,070
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	604,815	590,905	2.4%	440,905	430,015	149,984	146,949	926	960	13,000	12,981
Petroleum Liquids (1000 barrels)	27,346	17,757	54.0%	14,565	11,391	10,277	4,431	656	320	1,847	1,614
Petroleum Coke (1000 tons)	3,601	4,069	-11.5%	2,366	2,304	475	613	10	7	749	1,146
Natural Gas (1000 Mcf)	6,226,605	6,339,552	-1.8%	2,499,391	2,556,340	2,922,973	2,951,273	70,863	70,216	733,378	761,723

Sales, Revenue, and Average Retail Price for January through August									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	Percentage Change
Residential	967,881	945,150	2.4%	120,805	114,407	5.6%	12.48	12.10	3.1%
Commercial	909,264	895,002	1.6%	97,688	92,331	5.8%	10.74	10.32	4.1%
Industrial	640,702	640,224	0.1%	45,497	43,750	4.0%	7.10	6.83	4.0%
Transportation	5,291	5,078	4.2%	543	519	4.6%	10.26	10.22	0.4%
All Sectors	2,523,138	2,485,455	1.5%	264,532	251,007	5.4%	10.48	10.10	3.8%

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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.
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Wood and Wood-Derived Fuels include wood, black liquor, and other wood waste.
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Net generation is presented for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time that vary depending upon customer class and consumption occurring during and outside the calendar month.
Note: Values are preliminary. Percentage change is calculated before rounding.
See technical notes for additional information including more on the Commercial, Industrial, and Transportation sectors.

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

Total (All Sectors)

	Receipts (Physical Units)		Cost (Dollars / Physical Unit)		Number of Plants		Year-to-Date Receipts (Physical Units)		Year-to-Date Cost (Dollars / Physical Unit)	
Fuel	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal (1000 tons)	74,999	74,510	46.10	44.91	332	340	549,121	535,156	46.15	45.54
Petroleum Liquids (1000 barrels)	1,503	1,956	125.49	120.38	166	178	18,627	13,142	130.74	125.16
Petroleum Coke (1000 tons)	439	372	55.68	64.10	12	12	3,296	2,945	56.79	63.32
Natural Gas (1000 Mcf)	913,593	913,083	4.24	4.00	765	760	5,611,930	5,711,391	5.50	4.44

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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal (1000 tons)	55,193	54,375	47.56	46.24	236	237	397,695	391,867	47.13	46.64
Petroleum Liquids (1000 barrels)	1,124	1,353	126.42	122.53	115	118	10,688	8,787	131.47	126.98
Petroleum Coke (1000 tons)	365	274	52.89	62.01	8	7	2,824	2,152	55.17	62.34
Natural Gas (1000 Mcf)	394,709	406,236	4.59	4.24	391	384	2,436,587	2,481,281	5.56	4.58

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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal (1000 tons)	19,006	19,383	40.73	40.08	73	80	145,360	137,454	42.55	41.36
Petroleum Liquids (1000 barrels)	361	579	W	115.72	43	51	7,721	4,083	130.14	122.00
Petroleum Coke (1000 tons)	49	34	W	W	2	2	335	409	W	W
Natural Gas (1000 Mcf)	457,856	444,009	3.89	3.79	327	335	2,708,901	2,747,574	5.56	4.39

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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal (1000 tons)	7	17	W	W	2	2	114	123	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)	619	411	W	W	2	2	3,487	3,150	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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal (1000 tons)	794	736	W	W	21	21	5,952	5,712	W	W
Petroleum Liquids (1000 barrels)	18	24	W	112.14	8	9	218	272	115.57	112.58
Petroleum Coke (1000 tons)	24	63	W	W	2	3	136	384	W	W
Natural Gas (1000 Mcf)	60,408	62,428	W	W	45	39	462,954	479,386	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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal	1,460,354	1,435,848	2.37	2.33	332	340	10,722,803	10,372,849	2.36	2.35
Petroleum Liquids	9,143	11,956	20.63	19.69	166	178	112,390	79,835	21.65	20.60
Petroleum Coke	12,517	10,669	1.95	2.23	12	12	93,587	83,996	2.00	2.21
Natural Gas	941,830	935,780	4.12	3.91	765	760	5,770,168	5,857,031	5.35	4.33
Fossil Fuels	2,423,844	2,394,252	3.07	3.00	966	978	16,698,948	16,393,712	3.45	3.11

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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal	1,090,914	1,060,523	2.41	2.37	236	237	7,856,984	7,668,908	2.38	2.38
Petroleum Liquids	6,888	8,381	20.62	19.78	115	118	64,713	53,611	21.71	20.81
Petroleum Coke	10,451	7,910	1.85	2.15	8	7	80,336	61,673	1.94	2.18
Natural Gas	406,371	415,031	4.46	4.15	391	384	2,500,383	2,536,703	5.42	4.48
Fossil Fuels	1,514,624	1,491,846	3.03	2.96	533	533	10,502,416	10,320,897	3.22	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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal	351,265	358,153	2.20	2.17	73	80	2,728,877	2,571,870	2.27	2.21
Petroleum Liquids	2,146	3,431	W	19.52	43	51	46,330	24,546	21.66	20.28
Petroleum Coke	1,401	951	W	W	2	2	9,428	11,511	W	W
Natural Gas	472,333	456,115	3.77	3.69	327	335	2,788,453	2,823,404	5.40	4.27
Fossil Fuels	827,145	818,650	W	W	383	399	5,573,087	5,431,332	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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal	159	386	W	W	2	2	2,635	2,846	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	624	414	W	W	2	2	3,520	3,176	W	W
Fossil Fuels	783	800	W	W	2	2	6,155	6,023	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	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
Coal	18,015	16,786	W	W	21	21	134,308	129,224	W	W
Petroleum Liquids	110	143	W	18.57	8	9	1,347	1,678	18.72	18.24
Petroleum Coke	666	1,807	W	W	2	3	3,823	10,812	W	W
Natural Gas	62,501	64,219	W	W	45	39	477,812	493,747	W	W
Fossil Fuels	81,291	82,955	W	W	48	44	617,290	635,461	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-August 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
Year to Date											
2012	1,004,649	9,141	6,537	861,998	8,261	519,781	200,420	144,088	-3,157	9,201	2,760,919
2013	1,067,212	9,359	9,280	749,627	8,156	523,765	195,846	168,582	-2,968	8,267	2,737,125
2014	1,105,161	14,653	8,399	739,215	7,369	528,639	184,714	186,270	-3,892	7,997	2,778,525
Rolling 12 Months Ending in August											
2013	1,576,606	13,620	12,529	1,113,524	11,793	773,315	271,666	242,827	-4,762	12,853	4,023,971
2014	1,623,948	18,704	12,572	1,103,253	11,484	793,891	258,004	271,016	-5,347	12,086	4,099,610

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-August 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
Year to Date										
2012	93,223	2,063	678	24,904	6,417	4,876	1,731	10,196	200,420	344,508
2013	112,247	5,182	636	26,177	6,571	4,916	1,838	11,015	195,846	364,428
2014	122,022	10,637	1,709	28,207	6,271	4,868	1,727	10,829	184,714	370,984
Rolling 12-Month Ending in August										
2013	159,845	6,569	834	39,073	9,957	7,360	2,807	16,381	271,666	514,494
2014	177,440	13,782	1,999	41,967	9,493	7,299	2,705	16,331	258,004	529,020

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

Table 1.2. Net Generation by Energy Source: Electric Utilities, 2004-August 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
Year to Date											
2012	763,111	6,895	3,847	353,263	0	267,456	183,855	18,586	-2,657	402	1,594,759
2013	801,352	6,384	6,507	319,338	33	269,699	177,142	20,749	-2,462	282	1,599,023
2014	835,535	8,104	6,441	317,950	65	279,481	167,186	22,562	-3,220	290	1,634,394
Rolling 12 Months Ending in August											
2013	1,184,721	9,381	8,324	471,034	33	397,066	246,222	30,181	-4,008	483	2,343,437
2014	1,224,852	10,741	9,456	471,818	101	415,896	233,283	33,458	-4,341	416	2,395,681

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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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.
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Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2004-August 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
Year to Date											
2012	232,426	1,738	1,188	446,519	2,063	252,325	14,942	105,673	-500	4,689	1,061,065
2013	256,630	2,484	1,248	368,018	2,056	254,066	16,301	126,843	-506	4,610	1,031,750
2014	260,051	5,896	989	361,477	2,309	249,158	15,753	142,216	-671	4,315	1,041,492
Rolling 12 Months Ending in August											
2013	378,280	3,503	1,819	549,332	2,977	376,249	22,282	181,233	-755	6,951	1,521,871
2014	384,932	7,108	1,595	540,214	3,529	377,995	21,951	205,375	-1,006	6,530	1,548,224

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-August 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
Year to Date											
2012	615	127	3	4,583	0	0	19	1,668	0	687	7,702
2013	572	NM	3	4,214	0	0	NM	1,902	0	758	7,643
2014	599	NM	5	4,289	0	0	NM	2,073	0	794	8,081
Rolling 12 Months Ending in August											
2013	839	NM	6	6,234	0	0	NM	2,780	0	1,116	11,242
2014	827	NM	7	6,427	0	0	NM	3,075	0	1,179	11,918

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-August 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
Year to Date											
2012	8,496	381	1,499	57,633	6,198	0	1,603	18,161	0	3,422	97,393
2013	8,658	324	1,522	58,057	6,067	0	2,376	19,088	0	2,617	98,708
2014	8,975	361	965	55,499	4,995	0	1,747	19,419	0	2,598	94,558
Rolling 12 Months Ending in August											
2013	12,765	506	2,382	86,924	8,783	0	3,125	28,634	0	4,303	147,422
2014	13,337	NM	NM	84,794	7,854	0	2,734	29,108	0	3,960	143,786

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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	10,337	10,691	-3.3%	180	224	9,663	9,874	114	114	380	479
Connecticut	3,246	3,006	8.0%	NM	NM	3,171	2,933	NM	36	NM	33
Maine	1,144	1,129	1.3%	NM	NM	798	730	23	22	323	377
Massachusetts	2,940	3,531	-16.7%	68	48	2,810	3,375	43	45	NM	64
New Hampshire	1,641	1,695	-3.2%	44	94	1,588	1,593	NM	NM	NM	NM
Rhode Island	774	720	7.5%	1	1	768	714	NM	NM	0	0
Vermont	592	610	-2.9%	64	77	528	530	NM	NM	0	NM
Middle Atlantic	37,797	38,144	-0.9%	3,164	3,057	34,113	34,524	179	188	340	376
New Jersey	6,474	6,096	6.2%	-14	-12	6,404	5,981	60	56	NM	71
New York	12,003	12,088	-0.7%	3,126	3,021	8,707	8,890	85	98	85	78
Pennsylvania	19,320	19,960	-3.2%	53	48	19,002	19,652	34	33	231	227
East North Central	56,514	56,490	0.0%	30,516	30,685	24,885	24,668	185	174	928	962
Illinois	17,721	17,898	-1.0%	1,034	1,072	16,396	16,549	43	41	247	236
Indiana	10,469	9,852	6.3%	9,273	8,797	873	721	22	23	301	312
Michigan	10,067	9,796	2.8%	8,193	7,789	1,668	1,798	86	78	120	131
Ohio	12,307	12,944	-4.9%	7,639	8,551	4,558	4,239	NM	28	82	126
Wisconsin	5,950	6,000	-0.8%	4,376	4,477	1,390	1,362	NM	NM	177	157
West North Central	31,167	30,328	2.8%	28,414	27,581	2,330	2,342	50	48	373	356
Iowa	4,951	5,097	-2.9%	4,077	4,140	669	760	18	19	187	178
Kansas	4,794	4,707	1.8%	4,101	4,186	680	509	0	0	NM	NM
Minnesota	4,915	4,675	5.1%	4,416	3,987	366	562	NM	NM	120	113
Missouri	8,846	8,221	7.6%	8,607	8,081	216	119	18	15	NM	NM
Nebraska	3,677	3,472	5.9%	3,525	3,345	115	92	NM	NM	36	33
North Dakota	3,015	3,132	-3.7%	2,810	2,933	193	185	NM	NM	13	NM
South Dakota	969	1,023	-5.3%	878	908	91	115	NM	NM	0	0
South Atlantic	73,012	72,800	0.3%	59,967	59,732	11,440	11,346	95	87	1,509	1,635
Delaware	760	780	-2.6%	NM	NM	657	676	NM	NM	100	102
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	23,318	22,223	4.9%	21,201	20,264	1,680	1,493	NM	NM	430	460
Georgia	12,324	12,079	2.0%	10,379	10,537	1,563	1,132	NM	NM	379	407
Maryland	2,853	3,035	-6.0%	NM	NM	2,792	2,974	NM	24	29	35
North Carolina	11,688	11,772	-0.7%	10,302	10,318	1,239	1,244	9	6	138	204
South Carolina	8,433	8,859	-4.8%	8,179	8,432	101	266	NM	NM	152	160
Virginia	7,051	7,579	-7.0%	5,872	6,297	960	1,077	41	41	179	163
West Virginia	6,579	6,468	1.7%	4,030	3,880	2,447	2,484	0	0	102	103
East South Central	35,501	34,990	1.5%	29,927	30,038	4,670	3,997	NM	19	885	936
Alabama	13,824	14,147	-2.3%	9,789	10,592	3,693	3,167	0	0	341	387
Kentucky	8,389	8,278	1.3%	8,333	8,223	6	24	0	0	51	30
Mississippi	5,677	5,433	4.5%	4,455	4,373	964	798	NM	NM	256	259
Tennessee	7,611	7,133	6.7%	7,350	6,849	7	7	NM	18	237	260
West South Central	68,745	69,137	-0.6%	25,790	26,848	36,738	35,893	81	78	6,136	6,318
Arkansas	5,900	6,168	-4.3%	4,520	4,739	1,228	1,263	NM	NM	151	165
Louisiana	10,380	9,820	5.7%	5,842	5,233	2,134	2,174	NM	NM	2,401	2,408
Oklahoma	7,315	7,740	-5.5%	5,143	5,705	2,091	1,947	NM	NM	79	85
Texas	45,149	45,409	-0.6%	10,284	11,171	31,286	30,509	74	71	3,506	3,659
Mountain	35,585	35,706	-0.3%	27,877	27,882	7,412	7,518	33	34	263	271
Arizona	11,652	11,751	-0.8%	9,225	9,017	2,416	2,723	NM	11	0	0
Colorado	4,778	4,974	-3.9%	3,946	3,953	823	1,010	NM	5	NM	6
Idaho	1,388	1,470	-5.6%	964	1,011	386	422	0	0	38	37
Montana	2,587	2,000	29.3%	594	592	1,992	1,407	0	0	NM	NM
Nevada	3,688	3,733	-1.2%	2,667	2,589	1,006	1,116	NM	9	NM	19
New Mexico	2,857	3,295	-13.3%	2,410	2,783	442	506	NM	7	NM	NM
Utah	4,216	3,852	9.5%	3,914	3,552	175	178	NM	NM	123	119
Wyoming	4,419	4,632	-4.6%	4,157	4,387	171	157	0	0	91	88
Pacific Contiguous	33,502	34,345	-2.5%	18,357	19,665	13,365	12,926	263	255	1,516	1,499
California	19,273	19,702	-2.2%	7,021	8,102	10,666	10,033	258	250	1,328	1,317
Oregon	4,645	4,645	0.0%	3,180	3,129	1,402	1,457	NM	NM	59	53
Washington	9,584	9,998	-4.1%	8,156	8,434	1,298	1,435	NM	NM	129	129
Pacific Noncontiguous	1,333	1,339	-0.4%	887	891	362	373	48	43	36	32
Alaska	470	475	-0.9%	432	439	21	18	10	10	NM	NM
Hawaii	863	864	-0.1%	455	452	341	355	38	33	29	24
U.S. Total	383,494	383,968	-0.1%	225,079	226,603	144,981	143,460	1,069	1,041	12,366	12,864

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

Table 1.6.B. Net Generation

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	76,029	78,810	-3.5%	2,836	2,889	69,358	71,466	945	850	2,890	3,605
Connecticut	22,772	23,602	-3.5%	32	32	22,266	23,100	252	249	222	221
Maine	9,293	9,471	-1.9%	NM	NM	6,973	6,490	170	157	2,151	2,824
Massachusetts	22,089	23,506	-6.0%	578	481	20,622	22,152	409	356	480	517
New Hampshire	12,872	13,394	-3.9%	1,620	1,751	11,162	11,570	NM	48	NM	NM
Rhode Island	4,131	4,341	-4.9%	2	7	4,084	4,298	NM	NM	0	0
Vermont	4,872	4,496	8.3%	603	618	4,250	3,857	NM	NM	NM	NM
Middle Atlantic	287,649	293,219	-1.9%	23,750	23,249	259,723	265,771	1,364	1,392	2,813	2,806
New Jersey	44,778	44,236	1.2%	-101	-75	44,067	43,447	392	393	421	471
New York	91,765	92,043	-0.3%	22,936	22,475	67,453	68,181	724	756	652	631
Pennsylvania	151,107	156,939	-3.7%	915	849	148,204	154,143	248	243	1,740	1,704
East North Central	421,278	415,207	1.5%	224,123	217,963	188,934	188,931	1,323	1,264	6,898	7,049
Illinois	134,742	135,130	-0.3%	7,047	8,068	125,555	124,984	340	333	1,799	1,745
Indiana	80,009	73,663	8.6%	70,747	64,289	7,159	7,105	151	158	1,951	2,111
Michigan	71,840	69,537	3.3%	57,066	54,885	13,210	13,132	574	557	990	964
Ohio	93,251	92,286	1.0%	59,127	59,267	33,113	31,909	191	189	820	921
Wisconsin	41,436	44,590	-7.1%	30,136	31,454	9,897	11,802	66	27	1,337	1,307
West North Central	230,401	221,975	3.8%	199,265	193,447	27,747	25,295	405	369	2,984	2,864
Iowa	38,430	38,643	-0.6%	28,524	29,002	8,205	8,039	164	144	1,537	1,458
Kansas	33,903	32,423	4.6%	27,189	26,900	6,656	5,476	0	0	59	47
Minnesota	37,951	33,809	12.3%	31,102	27,307	5,774	5,462	112	104	963	935
Missouri	62,243	62,327	-0.1%	60,626	60,524	1,450	1,650	118	110	49	44
Nebraska	26,742	24,387	9.7%	25,024	23,151	1,428	954	NM	11	279	271
North Dakota	23,840	23,747	0.4%	20,944	21,251	2,799	2,388	NM	NM	97	108
South Dakota	7,292	6,639	9.8%	5,857	5,313	1,435	1,326	NM	NM	0	0
South Atlantic	539,143	508,557	6.0%	442,135	416,157	84,037	79,204	720	623	12,251	12,573
Delaware	4,900	5,210	-5.9%	NM	NM	4,386	4,514	NM	NM	503	686
District of Columbia	41	NM	NM	0	0	0	0	41	NM	0	0
Florida	157,109	147,056	6.8%	144,313	134,077	9,395	9,420	43	43	3,357	3,516
Georgia	87,058	80,935	7.6%	76,727	70,998	7,209	6,732	22	22	3,100	3,184
Maryland	26,782	23,496	14.0%	NM	13	26,290	23,070	225	178	251	234
North Carolina	88,593	83,514	6.1%	78,874	73,142	8,238	8,665	83	40	1,398	1,666
South Carolina	65,442	66,377	-1.4%	63,079	64,087	992	1,064	NM	NM	1,369	1,225
Virginia	53,878	52,522	2.6%	43,627	43,721	8,434	7,234	302	295	1,516	1,271
West Virginia	55,340	49,405	12.0%	35,490	30,111	19,093	18,504	0	0	757	791
East South Central	254,659	254,267	0.2%	220,224	220,387	27,076	26,323	138	135	7,220	7,423
Alabama	101,160	101,114	0.0%	77,551	76,563	20,713	21,609	0	0	2,896	2,941
Kentucky	62,016	60,972	1.7%	61,444	60,477	149	195	0	0	423	301
Mississippi	36,744	36,447	0.8%	28,606	30,004	6,142	4,452	NM	NM	1,982	1,977
Tennessee	54,738	55,735	-1.8%	52,622	53,343	73	67	124	121	1,919	2,204
West South Central	457,688	449,092	1.9%	168,915	164,218	242,210	235,693	513	498	46,049	48,682
Arkansas	42,371	41,102	3.1%	33,121	30,173	8,028	9,605	NM	NM	1,218	1,320
Louisiana	70,025	67,598	3.6%	35,323	33,103	16,312	14,817	28	29	18,362	19,649
Oklahoma	48,972	49,929	-1.9%	33,655	36,329	14,736	13,000	NM	NM	570	591
Texas	296,320	290,463	2.0%	66,816	64,613	203,134	198,271	470	457	25,899	27,122
Mountain	249,233	253,544	-1.7%	196,494	199,107	50,571	52,095	254	250	1,915	2,092
Arizona	73,948	74,834	-1.2%	62,565	62,841	11,299	11,911	84	82	0	0
Colorado	36,392	36,062	0.9%	27,988	27,768	8,333	8,224	32	26	39	44
Idaho	11,285	11,135	1.3%	7,722	7,482	3,237	3,315	0	0	326	338
Montana	19,902	19,573	1.7%	6,392	5,484	13,502	14,082	0	0	NM	7
Nevada	24,061	25,100	-4.1%	17,203	17,443	6,745	7,438	66	66	47	153
New Mexico	21,872	24,500	-10.7%	17,741	20,492	4,085	3,955	46	51	NM	NM
Utah	28,836	27,785	3.8%	26,807	25,780	1,275	1,216	26	24	728	765
Wyoming	32,938	34,553	-4.7%	30,076	31,817	2,095	1,954	0	0	767	783
Pacific Contiguous	252,061	251,871	0.1%	149,740	154,213	89,019	84,353	2,007	1,934	11,296	11,372
California	131,172	132,742	-1.2%	47,646	54,177	71,633	66,670	1,966	1,892	9,927	10,002
Oregon	40,332	40,663	-0.8%	30,465	29,881	9,412	10,323	NM	39	424	419
Washington	80,557	78,466	2.7%	71,629	70,155	7,974	7,360	NM	NM	944	950
Pacific Noncontiguous	10,385	10,584	-1.9%	6,912	7,393	2,817	2,619	413	328	243	243
Alaska	3,937	4,126	-4.6%	3,579	3,817	168	163	156	98	NM	49
Hawaii	6,448	6,457	-0.1%	3,333	3,576	2,649	2,456	257	230	209	194
U.S. Total	2,778,525	2,737,125	1.5%	1,634,394	1,599,023	1,041,492	1,031,750	8,081	7,643	94,558	98,708

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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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	44	200	-78.0%	2	31	38	165	0	0	NM	4
Connecticut	-2	-2	15.2%	0	0	-2	-2	0	0	0	0
Maine	2	3	-21.0%	0	0	1	2	0	0	1	1
Massachusetts	42	168	-75.3%	0	0	NM	165	0	0	NM	NM
New Hampshire	2	31	-92.7%	2	31	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	6,528	7,849	-16.8%	NM	NM	6,446	7,779	NM	NM	76	64
New Jersey	185	164	12.7%	0	0	185	164	0	0	0	0
New York	212	282	-24.8%	NM	NM	179	250	0	0	27	27
Pennsylvania	6,132	7,404	-17.2%	0	0	6,082	7,365	NM	NM	49	37
East North Central	34,557	34,365	0.6%	25,472	25,632	8,784	8,447	20	29	280	257
Illinois	8,191	7,987	2.5%	949	972	7,078	6,866	NM	NM	163	148
Indiana	9,173	8,195	11.9%	8,651	7,789	505	388	12	14	NM	NM
Michigan	5,445	5,371	1.4%	5,383	5,301	37	36	6	13	20	21
Ohio	7,871	9,022	-12.8%	6,688	7,846	1,164	1,158	NM	NM	18	18
Wisconsin	3,877	3,790	2.3%	3,802	3,724	0	0	NM	NM	75	65
West North Central	21,740	21,571	0.8%	21,430	21,276	0	0	19	21	291	274
Iowa	3,667	3,630	1.0%	3,470	3,441	0	0	13	15	184	174
Kansas	2,922	2,979	-1.9%	2,922	2,979	0	0	0	0	0	0
Minnesota	2,748	2,233	23.1%	2,688	2,177	0	0	0	0	60	56
Missouri	7,291	7,207	1.2%	7,281	7,196	0	0	5	6	NM	NM
Nebraska	2,455	2,563	-4.2%	2,420	2,531	0	0	0	0	35	32
North Dakota	2,448	2,666	-8.2%	2,439	2,659	0	0	0	0	NM	7
South Dakota	209	293	-28.6%	209	293	0	0	0	0	0	0
South Atlantic	25,823	25,831	0.0%	21,800	21,266	3,828	4,357	NM	3	192	205
Delaware	NM	161	NM	0	0	NM	161	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	5,035	4,720	6.7%	4,812	4,503	205	195	0	0	NM	22
Georgia	4,401	4,403	0.0%	4,371	4,365	0	0	0	0	31	38
Maryland	1,049	1,388	-24.4%	0	0	1,038	1,373	NM	NM	10	14
North Carolina	4,353	4,687	-7.1%	4,177	4,481	156	180	0	1	NM	24
South Carolina	2,651	2,214	19.7%	2,639	2,201	0	0	0	0	12	13
Virginia	1,982	2,029	-2.3%	1,822	1,893	124	84	NM	NM	35	51
West Virginia	6,347	6,230	1.9%	3,979	3,823	2,302	2,364	0	0	66	42
East South Central	17,460	16,558	5.4%	17,061	16,112	305	319	NM	NM	92	125
Alabama	4,866	4,689	3.8%	4,852	4,670	0	0	0	0	14	19
Kentucky	7,850	7,736	1.5%	7,850	7,736	0	0	0	0	0	0
Mississippi	1,176	990	18.8%	872	671	305	319	0	0	0	0
Tennessee	3,568	3,144	13.5%	3,488	3,035	0	0	NM	NM	78	106
West South Central	22,977	23,601	-2.6%	12,333	12,551	10,600	10,998	0	0	44	51
Arkansas	3,156	3,262	-3.2%	2,792	2,826	361	431	0	0	4	6
Louisiana	2,145	2,046	4.8%	1,128	1,020	1,017	1,026	0	0	0	0
Oklahoma	3,059	3,013	1.5%	2,826	2,805	194	163	0	0	40	45
Texas	14,616	15,279	-4.3%	5,588	5,900	9,028	9,379	0	0	0	0
Mountain	18,444	18,293	0.8%	16,490	16,865	1,836	1,318	0	0	118	110
Arizona	4,074	3,917	4.0%	4,074	3,917	0	0	0	0	0	0
Colorado	3,233	3,280	-1.4%	3,220	3,266	NM	14	0	0	NM	NM
Idaho	NM	6	NM	0	0	0	0	0	0	NM	6
Montana	1,603	1,103	45.3%	NM	NM	1,577	1,076	0	0	NM	NM
Nevada	606	576	5.3%	459	450	147	126	0	0	0	0
New Mexico	1,673	2,081	-19.6%	1,673	2,081	0	0	0	0	0	0
Utah	3,194	3,049	4.7%	3,083	2,941	NM	NM	0	0	72	71
Wyoming	4,054	4,281	-5.3%	3,954	4,184	NM	NM	0	0	37	31
Pacific Contiguous	1,256	1,429	-12.1%	377	411	847	988	0	0	32	31
California	117	132	-11.2%	0	0	88	105	0	0	29	27
Oregon	377	411	-8.2%	377	411	0	0	0	0	0	0
Washington	762	886	-14.1%	0	0	759	883	0	0	3	3
Pacific Noncontiguous	177	177	-0.4%	14	18	149	147	10	9	NM	NM
Alaska	43	42	1.0%	14	18	19	15	10	9	0	0
Hawaii	134	135	-0.8%	0	0	131	131	0	0	NM	NM
U.S. Total	149,006	149,875	-0.6%	114,987	114,165	32,832	34,518	54	66	1,132	1,125

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

Table 1.7.B. Net Generation from Coal

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	4,284	4,516	-5.1%	1,050	1,162	3,188	3,312	0	0	46	42
Connecticut	708	420	68.7%	0	0	708	420	0	0	0	0
Maine	62	43	44.5%	0	0	40	24	0	0	22	19
Massachusetts	2,464	2,891	-14.8%	0	0	2,440	2,869	0	0	24	23
New Hampshire	1,050	1,162	-9.6%	1,050	1,162	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	64,908	69,254	-6.3%	NM	NM	64,233	68,685	NM	12	614	520
New Jersey	2,073	1,472	40.8%	0	0	2,073	1,472	0	0	0	0
New York	4,076	3,726	9.4%	NM	NM	3,822	3,482	0	0	206	207
Pennsylvania	58,760	64,056	-8.3%	0	0	58,338	63,731	NM	12	408	313
East North Central	254,229	248,965	2.1%	186,544	183,170	65,213	63,484	206	229	2,265	2,082
Illinois	58,856	57,695	2.0%	6,664	7,494	50,912	49,019	36	40	1,244	1,143
Indiana	68,643	61,829	11.0%	65,042	58,295	3,479	3,408	86	93	36	34
Michigan	36,907	37,585	-1.8%	36,352	37,061	291	259	76	90	188	175
Ohio	63,428	64,641	-1.9%	52,705	53,667	10,532	10,800	NM	NM	188	172
Wisconsin	26,395	27,214	-3.0%	25,781	26,653	0	0	NM	NM	609	556
West North Central	149,659	149,397	0.2%	147,121	146,960	0	0	179	186	2,360	2,251
Iowa	23,008	23,419	-1.8%	21,381	21,867	0	0	128	119	1,499	1,433
Kansas	20,279	20,285	0.0%	20,279	20,285	0	0	0	0	0	0
Minnesota	18,679	15,215	22.8%	18,198	14,759	0	0	0	0	481	456
Missouri	51,059	52,098	-2.0%	50,962	51,990	0	0	51	67	46	41
Nebraska	16,824	17,580	-4.3%	16,553	17,320	0	0	0	0	270	260
North Dakota	17,929	18,805	-4.7%	17,865	18,744	0	0	0	0	63	61
South Dakota	1,882	1,995	-5.7%	1,882	1,995	0	0	0	0	0	0
South Atlantic	208,352	178,818	16.5%	171,846	146,178	34,904	31,145	33	37	1,569	1,458
Delaware	835	1,042	-19.8%	0	0	835	1,042	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	35,623	30,983	15.0%	34,423	29,893	1,058	942	0	0	142	148
Georgia	34,578	26,825	28.9%	34,257	26,501	0	0	0	0	321	324
Maryland	13,236	10,353	27.8%	0	0	13,110	10,241	NM	10	115	102
North Carolina	36,009	32,134	12.1%	34,771	30,831	1,073	1,125	15	20	150	159
South Carolina	20,537	16,142	27.2%	20,404	16,041	0	0	0	0	133	101
Virginia	14,591	14,494	0.7%	13,084	13,308	1,155	808	NM	NM	345	371
West Virginia	52,942	46,845	13.0%	34,906	29,604	17,672	16,987	0	0	364	254
East South Central	125,512	117,160	7.1%	122,599	114,304	2,009	1,875	18	17	886	964
Alabama	33,952	31,252	8.6%	33,830	31,116	2	0	0	0	120	137
Kentucky	56,821	56,181	1.1%	56,821	56,181	0	0	0	0	0	0
Mississippi	8,168	6,045	35.1%	6,161	4,170	2,007	1,875	0	0	0	0
Tennessee	26,571	23,681	12.2%	25,787	22,837	0	0	18	17	765	827
West South Central	160,268	155,607	3.0%	86,167	84,065	73,779	71,191	0	0	321	351
Arkansas	23,208	21,688	7.0%	20,867	18,876	2,301	2,747	0	0	41	64
Louisiana	13,224	14,427	-8.3%	5,152	6,634	8,062	7,788	0	0	NM	NM
Oklahoma	20,874	19,730	5.8%	19,379	18,358	1,224	1,091	0	0	271	281
Texas	102,961	99,762	3.2%	40,770	40,197	62,192	59,565	0	0	0	0
Mountain	130,111	135,852	-4.2%	118,247	123,166	11,198	11,977	0	0	665	709
Arizona	28,468	28,851	-1.3%	28,468	28,851	0	0	0	0	0	0
Colorado	22,655	23,168	-2.2%	22,568	23,077	82	86	0	0	NM	NM
Idaho	55	51	6.4%	0	0	0	0	0	0	55	51
Montana	9,661	10,388	-7.0%	176	182	9,477	10,199	0	0	NM	7
Nevada	4,964	3,741	32.7%	4,012	2,813	952	927	0	0	0	0
New Mexico	13,603	16,460	-17.4%	13,603	16,460	0	0	0	0	0	0
Utah	21,906	22,523	-2.7%	21,323	21,850	255	291	0	0	328	383
Wyoming	28,800	30,670	-6.1%	28,097	29,933	433	474	0	0	269	262
Pacific Contiguous	6,447	6,411	0.6%	1,785	2,186	4,438	3,968	0	0	224	257
California	645	797	-19.1%	0	0	448	559	0	0	196	237
Oregon	1,785	2,186	-18.3%	1,785	2,186	0	0	0	0	0	0
Washington	4,017	3,428	17.2%	0	0	3,989	3,408	0	0	28	20
Pacific Noncontiguous	1,392	1,233	13.0%	129	123	1,089	993	150	91	NM	25
Alaska	410	344	19.2%	129	123	132	130	150	91	0	0
Hawaii	983	889	10.5%	0	0	958	864	0	0	NM	25
U.S. Total	1,105,161	1,067,212	3.6%	835,535	801,352	260,051	256,630	599	572	8,975	8,658

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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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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	40	26	50.2%	3	4	31	16	NM	5	NM	NM
Connecticut	10	8	24.8%	NM	NM	9	7	NM	NM	NM	NM
Maine	12	8	52.4%	NM	NM	11	7	NM	NM	NM	NM
Massachusetts	14	5	159.1%	NM	NM	11	2	NM	3	NM	NM
New Hampshire	NM	3	NM	1	2	NM	NM	NM	NM	NM	NM
Rhode Island	NM	2	NM	1	1	0	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	59	61	-4.1%	7	24	45	30	NM	1	7	6
New Jersey	11	4	208.7%	NM	NM	11	3	NM	NM	NM	NM
New York	27	37	-27.3%	7	23	14	7	NM	NM	6	5
Pennsylvania	21	21	0.4%	NM	NM	21	21	NM	NM	NM	NM
East North Central	60	49	23.2%	46	38	13	9	NM	1	NM	1
Illinois	7	6	16.4%	2	2	5	4	NM	NM	NM	NM
Indiana	12	13	-7.8%	11	12	NM	NM	NM	NM	1	1
Michigan	13	10	27.3%	13	10	0	0	0	1	NM	0
Ohio	24	17	43.7%	17	12	7	5	NM	NM	NM	0
Wisconsin	4	3	39.1%	3	2	1	1	NM	NM	NM	NM
West North Central	21	20	5.3%	20	19	NM	NM	NM	NM	NM	NM
Iowa	3	7	-52.8%	3	7	NM	NM	NM	NM	NM	NM
Kansas	5	3	105.8%	5	3	0	0	0	0	0	0
Minnesota	2	2	10.0%	2	1	NM	NM	NM	NM	NM	NM
Missouri	7	3	114.7%	7	3	0	0	NM	NM	0	0
Nebraska	2	2	-13.7%	2	2	0	0	0	0	0	0
North Dakota	2	2	-15.0%	2	2	0	0	NM	NM	NM	NM
South Dakota	0	2	-68.1%	0	1	NM	NM	NM	NM	0	0
South Atlantic	139	191	-27.2%	117	164	13	11	NM	NM	7	14
Delaware	0	NM	NM	NM	NM	0	1	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	42	79	-46.5%	39	74	NM	NM	0	0	NM	NM
Georgia	6	12	-44.5%	4	4	NM	NM	NM	NM	2	7
Maryland	10	8	28.8%	NM	1	7	5	NM	NM	0	0
North Carolina	15	14	11.0%	14	12	NM	NM	NM	NM	NM	NM
South Carolina	NM	7	NM	NM	6	1	0	NM	NM	1	1
Virginia	49	56	-13.7%	45	51	4	4	0	NM	NM	NM
West Virginia	9	15	-42.4%	8	15	0	0	0	0	0	0
East South Central	24	33	-26.4%	20	28	NM	NM	NM	NM	NM	NM
Alabama	7	9	-23.5%	3	4	NM	NM	0	0	NM	NM
Kentucky	14	8	70.9%	14	8	0	0	0	0	0	0
Mississippi	NM	1	NM	NM	1	0	0	0	0	0	0
Tennessee	3	15	-80.6%	3	15	0	0	NM	NM	NM	NM
West South Central	13	9	43.1%	5	4	7	5	NM	NM	NM	NM
Arkansas	3	1	137.7%	0	1	2	0	0	0	0	0
Louisiana	4	3	19.9%	1	1	2	2	0	0	0	0
Oklahoma	1	0	149.0%	1	0	0	0	NM	NM	NM	NM
Texas	6	5	21.4%	3	2	3	3	NM	NM	NM	NM
Mountain	20	18	9.2%	18	15	2	2	NM	NM	NM	NM
Arizona	2	2	-31.5%	2	2	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	2	-30.2%	NM	NM	1	2	0	0	0	0
Nevada	1	2	-18.0%	1	1	0	0	0	0	0	0
New Mexico	6	5	29.2%	6	5	NM	NM	0	0	NM	NM
Utah	2	4	-58.8%	2	4	NM	NM	0	0	NM	NM
Wyoming	6	2	161.9%	6	2	0	0	0	0	NM	NM
Pacific Contiguous	13	12	8.3%	5	4	2	NM	6	6	NM	1
California	10	10	-4.1%	4	3	NM	NM	6	6	NM	0
Oregon	1	0	208.7%	1	0	0	0	0	0	0	0
Washington	2	1	62.6%	NM	1	1	NM	NM	NM	NM	NM
Pacific Noncontiguous	659	670	-1.7%	505	511	138	147	NM	1	15	11
Alaska	60	69	-12.2%	56	63	0	0	NM	1	4	5
Hawaii	598	601	-0.5%	449	448	138	147	0	0	11	6
U.S. Total	1,048	1,090	-3.9%	746	812	250	222	15	17	37	40

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

Table 1.8.B. Net Generation from Petroleum Liquids

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	2,118	694	205.3%	244	116	1,695	491	NM	61	NM	26
Connecticut	491	213	130.5%	NM	3	478	207	NM	NM	NM	NM
Maine	282	170	65.9%	NM	NM	258	157	NM	NM	NM	11
Massachusetts	958	211	352.9%	126	53	736	111	NM	36	NM	11
New Hampshire	298	65	356.9%	104	50	162	NM	NM	NM	NM	NM
Rhode Island	78	30	164.3%	2	7	62	16	NM	NM	0	0
Vermont	NM	NM	NM	NM	3	0	0	NM	NM	0	0
Middle Atlantic	3,055	1,113	174.6%	871	403	2,089	637	NM	NM	66	56
New Jersey	437	88	398.5%	NM	NM	428	83	NM	NM	NM	NM
New York	2,022	798	153.3%	867	400	1,072	333	NM	NM	56	51
Pennsylvania	596	227	163.1%	NM	NM	589	222	NM	NM	NM	NM
East North Central	568	415	36.8%	398	334	151	71	NM	NM	NM	8
Illinois	64	55	16.0%	22	20	41	35	NM	NM	NM	NM
Indiana	112	93	20.8%	103	88	NM	NM	NM	NM	9	4
Michigan	99	96	3.1%	95	93	NM	0	1	1	2	2
Ohio	257	151	70.7%	147	114	105	35	NM	NM	NM	NM
Wisconsin	35	20	74.6%	29	18	5	2	NM	NM	NM	NM
West North Central	260	195	33.5%	246	190	11	2	NM	NM	2	2
Iowa	46	54	-13.6%	45	52	NM	1	NM	NM	NM	NM
Kansas	39	38	1.8%	39	38	0	0	0	0	0	0
Minnesota	50	7	589.2%	38	5	9	1	NM	NM	NM	NM
Missouri	84	50	69.4%	84	50	0	0	NM	NM	0	0
Nebraska	20	18	10.3%	20	18	0	0	0	0	0	0
North Dakota	16	22	-28.3%	15	21	0	0	NM	NM	NM	NM
South Dakota	5	6	-16.0%	5	6	NM	NM	NM	NM	0	0
South Atlantic	3,018	1,179	156.1%	2,081	906	797	155	NM	NM	95	97
Delaware	158	20	707.1%	NM	NM	158	19	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	493	406	21.3%	457	376	NM	NM	0	0	32	27
Georgia	141	57	146.0%	80	20	30	NM	NM	1	30	36
Maryland	430	112	284.5%	NM	5	379	86	NM	NM	0	0
North Carolina	381	147	159.3%	337	132	30	8	NM	NM	NM	7
South Carolina	245	79	208.8%	224	73	13	0	NM	NM	7	6
Virginia	1,059	257	311.7%	886	199	161	37	1	0	NM	20
West Virginia	112	100	11.8%	89	99	23	1	0	0	0	0
East South Central	349	254	37.4%	298	216	10	NM	NM	NM	40	37
Alabama	108	77	40.5%	59	43	10	NM	0	0	39	34
Kentucky	92	80	15.6%	92	80	0	0	0	0	0	0
Mississippi	NM	10	NM	NM	7	0	0	0	0	0	3
Tennessee	139	87	58.6%	138	87	0	0	NM	NM	NM	NM
West South Central	129	130	-0.4%	57	46	64	68	NM	NM	8	15
Arkansas	17	28	-40.1%	9	16	5	12	0	0	2	1
Louisiana	33	38	-13.5%	9	8	19	17	0	0	4	13
Oklahoma	10	6	59.1%	9	6	0	0	NM	NM	NM	NM
Texas	70	58	21.1%	29	17	39	40	NM	NM	NM	NM
Mountain	164	139	18.1%	147	124	14	12	NM	NM	NM	3
Arizona	43	27	58.2%	43	27	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	41.6%	NM	NM	13	9	0	0	0	0
Nevada	10	12	-16.0%	9	9	1	2	0	0	0	0
New Mexico	43	32	35.9%	43	32	NM	NM	0	0	NM	NM
Utah	23	26	-11.2%	22	25	NM	NM	0	0	NM	NM
Wyoming	27	28	-4.0%	25	25	0	0	0	0	3	3
Pacific Contiguous	NM	NM	NM	30	28	12	10	NM	NM	9	14
California	NM	NM	NM	21	21	5	3	NM	NM	NM	6
Oregon	NM	5	NM	7	5	0	0	NM	0	0	0
Washington	NM	17	NM	NM	NM	7	7	NM	NM	7	8
Pacific Noncontiguous	4,865	5,130	-5.2%	3,730	4,021	1,052	1,037	6	6	77	65
Alaska	454	509	-10.9%	433	478	0	0	5	5	16	26
Hawaii	4,411	4,621	-4.5%	3,297	3,544	1,052	1,037	1	1	NM	39
U.S. Total	14,653	9,359	56.6%	8,104	6,384	5,896	2,484	NM	NM	361	324

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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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 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	285	322	-11.6%	178	177	76	107	0	0	30	38
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	102	168	-39.4%	102	168	0	0	0	0	0	0
Michigan	78	NM	NM	65	0	3	7	0	0	NM	NM
Ohio	73	103	-29.2%	0	0	72	100	0	0	1	NM
Wisconsin	32	29	9.9%	12	9	0	0	0	0	20	20
West North Central	1	1	54.0%	0	0	0	0	1	1	0	0
Iowa	1	1	54.0%	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	17	307	-94.5%	0	292	0	0	0	0	17	15
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	292	-100.0%	0	292	0	0	0	0	0	0
Georgia	17	15	13.4%	0	0	0	0	0	0	17	15
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	144	109	32.8%	144	109	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	144	109	32.8%	144	109	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	494	569	-13.2%	447	374	0	67	0	0	NM	127
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	479	421	13.7%	447	374	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	15	148	-89.8%	0	0	0	67	0	0	15	81
Mountain	43	33	28.6%	0	0	43	33	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	43	33	28.6%	0	0	43	33	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,007	1,379	-26.9%	770	952	123	215	1	1	113	211

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 1.9.B. Net Generation from Petroleum Coke

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 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	194	190	2.2%	0	0	0	0	0	0	194	190
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	131	137	-4.8%	0	0	0	0	0	0	131	137
East North Central	2,376	2,133	11.4%	1,406	1,080	733	795	0	0	237	259
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	872	1,040	-16.2%	872	1,040	0	0	0	0	0	0
Michigan	596	153	290.4%	459	0	37	53	0	0	100	100
Ohio	708	756	-6.3%	0	0	696	742	0	0	NM	NM
Wisconsin	200	185	8.2%	75	40	0	0	0	0	125	145
West North Central	5	3	56.1%	0	0	0	0	5	3	0	0
Iowa	5	3	56.1%	0	0	0	0	5	3	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	1,338	1,665	-19.7%	1,211	1,512	0	0	0	0	127	153
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	1,512	-19.9%	1,211	1,512	0	0	0	0	0	0
Georgia	127	153	-17.0%	0	0	0	0	0	0	127	153
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	665	895	-25.6%	665	895	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	665	895	-25.6%	665	895	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	3,565	4,038	-11.7%	3,159	3,020	0	98	0	0	406	920
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	3,434	3,322	3.4%	3,159	3,020	0	0	0	0	274	302
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	132	716	-81.6%	0	0	0	98	0	0	132	618
Mountain	239	287	-16.9%	0	0	239	287	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	239	287	-16.9%	0	0	239	287	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	69	NM	0	0	NM	69	0	0	0	0
California	NM	69	NM	0	0	NM	69	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	8,399	9,280	-9.5%	6,441	6,507	989	1,248	5	3	965	1,522

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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	5,345	5,707	-6.4%	45	24	5,052	5,377	83	85	165	221
Connecticut	1,543	1,447	6.6%	0	1	1,471	1,377	NM	36	NM	33
Maine	404	399	1.3%	0	0	290	226	NM	NM	112	171
Massachusetts	2,185	2,642	-17.3%	42	18	2,090	2,569	37	41	NM	15
New Hampshire	468	509	-8.1%	2	6	462	499	NM	NM	NM	NM
Rhode Island	743	709	4.8%	0	0	738	705	NM	NM	0	0
Vermont	0	0	-16.8%	0	0	0	0	0	0	0	0
Middle Atlantic	13,904	12,930	7.5%	1,277	1,296	12,437	11,415	72	82	118	137
New Jersey	3,027	2,765	9.5%	0	NM	2,989	2,701	NM	19	NM	43
New York	5,489	5,323	3.1%	1,276	1,294	4,148	3,954	42	53	NM	22
Pennsylvania	5,388	4,842	11.3%	NM	0	5,301	4,759	NM	NM	75	72
East North Central	5,891	6,185	-4.8%	2,159	2,440	3,502	3,532	116	110	114	102
Illinois	722	845	-14.6%	78	92	566	682	41	40	NM	32
Indiana	749	1,027	-27.0%	450	745	252	240	NM	NM	41	36
Michigan	1,045	1,346	-22.4%	326	376	667	915	36	36	NM	NM
Ohio	2,513	1,956	28.5%	892	637	1,584	1,282	NM	27	NM	NM
Wisconsin	861	1,012	-14.9%	412	591	433	412	NM	NM	NM	NM
West North Central	1,652	1,965	-15.9%	1,417	1,698	196	224	18	18	NM	26
Iowa	255	272	-6.4%	251	270	NM	NM	NM	NM	NM	NM
Kansas	242	267	-9.5%	229	255	0	0	0	0	NM	NM
Minnesota	443	720	-38.5%	400	545	32	159	NM	NM	NM	NM
Missouri	544	433	25.7%	371	358	164	65	9	9	NM	NM
Nebraska	75	143	-47.9%	74	142	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	0	0	0	0	0	NM	NM
South Dakota	93	128	-27.3%	93	128	0	0	0	0	0	0
South Atlantic	26,960	25,085	7.5%	21,348	19,911	5,328	4,841	NM	27	250	306
Delaware	715	586	22.1%	NM	0	643	504	0	0	72	82
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	15,171	13,786	10.0%	13,939	12,660	1,116	1,007	NM	NM	111	115
Georgia	4,510	3,970	13.6%	2,994	2,830	1,491	1,077	0	0	25	62
Maryland	345	205	68.7%	0	0	315	181	NM	17	NM	NM
North Carolina	2,896	2,659	8.9%	2,013	1,755	877	893	0	0	NM	11
South Carolina	1,208	1,318	-8.4%	1,108	1,053	94	259	NM	NM	NM	NM
Virginia	2,042	2,530	-19.3%	1,291	1,612	728	897	0	0	23	21
West Virginia	67	25	167.4%	2	0	65	23	0	0	0	NM
East South Central	9,050	8,640	4.7%	4,477	4,754	4,338	3,652	NM	17	218	218
Alabama	4,774	4,578	4.3%	1,031	1,358	3,674	3,149	0	0	69	70
Kentucky	108	119	-8.8%	83	73	5	24	0	0	NM	22
Mississippi	3,395	3,428	-1.0%	2,617	2,824	659	479	NM	NM	117	123
Tennessee	773	516	49.9%	746	499	0	0	NM	15	13	NM
West South Central	33,784	33,808	-0.1%	9,592	10,395	18,854	17,969	75	74	5,263	5,369
Arkansas	1,047	1,308	-19.9%	172	470	856	821	NM	NM	19	17
Louisiana	5,685	5,234	8.6%	2,698	2,263	978	981	NM	NM	2,006	1,986
Oklahoma	3,345	3,739	-10.5%	2,104	2,519	1,229	1,210	NM	NM	NM	NM
Texas	23,705	23,526	0.8%	4,617	5,143	15,791	14,957	68	68	3,229	3,358
Mountain	9,740	10,195	-4.5%	6,077	5,684	3,566	4,395	23	25	73	91
Arizona	3,761	4,116	-8.6%	1,620	1,582	2,132	2,526	NM	9	0	0
Colorado	1,077	1,228	-12.3%	668	656	408	569	0	2	NM	NM
Idaho	391	445	-12.2%	229	262	160	180	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	2,563	2,604	-1.6%	2,042	1,903	509	677	NM	5	NM	19
New Mexico	998	1,042	-4.2%	705	677	287	358	NM	6	0	0
Utah	861	653	31.8%	758	538	62	76	NM	NM	37	36
Wyoming	NM	NM	NM	NM	NM	NM	NM	0	0	29	32
Pacific Contiguous	14,607	14,715	-0.7%	5,443	5,627	7,905	7,874	158	148	1,101	1,066
California	11,547	11,575	-0.2%	3,445	3,641	6,856	6,736	155	145	1,091	1,054
Oregon	1,507	1,557	-3.2%	661	631	836	914	NM	NM	NM	NM
Washington	1,554	1,583	-1.9%	1,337	1,355	213	224	NM	NM	3	4
Pacific Noncontiguous	243	249	-2.2%	241	246	0	0	NM	NM	NM	NM
Alaska	243	249	-2.2%	241	246	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	121,176	119,480	1.4%	52,076	52,076	61,178	59,278	596	587	7,326	7,539

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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 August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	31,903	36,012	-11.4%	244	193	29,974	33,593	614	613	1,071	1,614
Connecticut	9,579	10,701	-10.5%	7	5	9,107	10,229	252	249	213	218
Maine	3,251	3,237	0.4%	0	0	2,491	1,940	NM	NM	742	1,280
Massachusetts	12,397	15,129	-18.1%	210	162	11,788	14,564	303	305	96	97
New Hampshire	2,719	2,702	0.6%	26	23	2,662	2,649	NM	NM	NM	NM
Rhode Island	3,956	4,241	-6.7%	0	0	3,926	4,211	NM	NM	0	0
Vermont	2	2	-21.2%	2	2	0	0	0	0	0	0
Middle Atlantic	88,727	88,972	-0.3%	8,001	8,995	79,230	78,406	569	621	927	949
New Jersey	19,772	18,537	6.7%	0	NM	19,389	18,097	114	127	269	294
New York	35,758	37,320	-4.2%	7,999	8,975	27,209	27,761	380	420	170	164
Pennsylvania	33,196	33,115	0.2%	NM	NM	32,632	32,548	74	74	489	492
East North Central	39,275	40,915	-4.0%	15,108	15,029	22,528	24,331	826	795	814	760
Illinois	3,491	5,228	-33.2%	314	503	2,665	4,223	302	291	210	212
Indiana	6,052	6,147	-1.6%	4,284	4,323	1,442	1,521	37	NM	290	267
Michigan	8,140	9,085	-10.4%	2,065	1,975	5,676	6,693	252	271	146	146
Ohio	16,465	14,589	12.9%	5,990	5,108	10,223	9,235	184	183	68	64
Wisconsin	5,128	5,866	-12.6%	2,455	3,120	2,522	2,660	NM	NM	100	72
West North Central	7,875	10,963	-28.2%	6,586	9,185	1,021	1,516	119	103	149	160
Iowa	911	1,064	-14.4%	874	1,043	NM	NM	NM	NM	NM	NM
Kansas	1,300	1,530	-15.0%	1,241	1,483	0	0	0	0	59	47
Minnesota	2,384	4,400	-45.8%	1,923	3,621	349	654	NM	55	NM	70
Missouri	2,613	3,265	-20.0%	1,899	2,360	673	862	41	43	NM	NM
Nebraska	337	375	-10.0%	328	363	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	321	315	1.9%	321	315	0	0	0	0	0	0
South Atlantic	169,836	168,154	1.0%	137,441	134,830	30,295	30,745	204	181	1,896	2,398
Delaware	3,695	3,975	-7.1%	NM	NM	3,313	3,376	0	0	379	594
District of Columbia	41	NM	NM	0	0	0	0	41	NM	0	0
Florida	96,239	91,696	5.0%	89,699	84,720	5,654	6,027	22	NM	865	929
Georgia	25,778	27,743	-7.1%	18,822	20,757	6,696	6,426	0	0	260	560
Maryland	1,706	1,868	-8.7%	0	0	1,523	1,705	140	118	43	46
North Carolina	18,878	18,430	2.4%	13,118	12,020	5,681	6,338	0	2	79	71
South Carolina	8,218	8,734	-5.9%	7,250	7,675	920	1,000	NM	NM	47	58
Virginia	14,879	15,431	-3.6%	8,391	9,619	6,272	5,682	0	0	216	130
West Virginia	402	235	71.2%	159	34	237	191	0	0	NM	NM
East South Central	58,130	58,145	0.0%	31,363	32,007	24,844	24,236	117	116	1,806	1,786
Alabama	30,273	31,477	-3.8%	9,065	9,356	20,566	21,471	0	0	642	651
Kentucky	2,046	1,172	74.5%	1,743	830	143	188	0	0	160	154
Mississippi	21,507	22,098	-2.7%	16,414	18,553	4,135	2,577	NM	NM	944	954
Tennessee	4,305	3,397	26.7%	4,140	3,267	0	0	103	102	61	28
West South Central	200,518	200,834	-0.2%	54,187	53,667	105,967	105,206	476	470	39,888	41,491
Arkansas	7,008	9,180	-23.7%	1,199	2,259	5,634	6,747	NM	NM	174	173
Louisiana	37,978	34,891	8.8%	15,631	12,738	6,831	5,722	28	29	15,488	16,402
Oklahoma	18,943	21,315	-11.1%	12,172	15,345	6,688	5,892	NM	NM	73	70
Texas	136,590	135,448	0.8%	25,186	23,325	86,814	86,844	437	432	24,153	24,846
Mountain	52,237	54,613	-4.4%	32,916	32,421	18,496	21,221	183	184	643	787
Arizona	16,523	17,865	-7.5%	7,492	7,398	8,965	10,398	66	69	0	0
Colorado	7,553	7,133	5.9%	4,313	3,952	3,230	3,167	5	4	NM	9
Idaho	1,578	2,045	-22.9%	859	998	696	1,019	0	0	NM	28
Montana	249	294	-15.2%	233	274	NM	NM	0	0	0	0
Nevada	14,479	16,786	-13.7%	11,354	12,659	3,038	3,938	42	39	45	150
New Mexico	6,113	6,077	0.6%	3,870	3,820	2,200	2,206	43	48	0	NM
Utah	5,422	4,054	33.8%	4,771	3,291	340	459	26	24	284	279
Wyoming	322	359	-10.5%	NM	NM	NM	NM	0	0	287	317
Pacific Contiguous	88,764	88,791	0.0%	30,173	30,805	49,122	48,764	1,180	1,129	8,289	8,093
California	75,457	74,288	1.6%	22,229	22,688	43,872	42,518	1,156	1,104	8,201	7,978
Oregon	7,150	8,549	-16.4%	2,694	3,025	4,384	5,434	NM	NM	NM	67
Washington	6,156	5,954	3.4%	5,250	5,091	867	812	NM	NM	31	48
Pacific Noncontiguous	1,950	2,229	-12.5%	1,932	2,207	0	0	NM	NM	NM	NM
Alaska	1,950	2,229	-12.5%	1,932	2,207	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	739,215	749,627	-1.4%	317,950	319,338	361,477	368,018	4,289	4,214	55,499	58,057

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

Table 1.11.A. Net Generation from Other Gases by State, by Sector, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 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	38	78	-50.7%	0	0	0	0	0	0	38	78
New Jersey	0	18	-100.0%	0	0	0	0	0	0	0	18
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	38	60	-36.5%	0	0	0	0	0	0	38	60
East North Central	429	393	9.3%	4	6	162	56	0	0	263	331
Illinois	26	32	-19.4%	0	0	1	0	0	0	25	32
Indiana	216	233	-7.3%	0	0	0	0	0	0	216	233
Michigan	102	28	262.7%	4	6	99	22	0	0	0	0
Ohio	85	99	-14.5%	0	0	63	33	0	0	22	66
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	32	23	37.8%	0	0	0	0	0	0	32	23
Delaware	28	20	40.6%	0	0	0	0	0	0	28	20
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1	0	129.9%	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	3	6.6%	0	0	0	0	0	0	3	3
East South Central	5	7	-27.6%	0	0	0	0	0	0	5	7
Alabama	4	6	-27.7%	0	0	0	0	0	0	4	6
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	-27.4%	0	0	0	0	0	0	1	1
West South Central	386	442	-12.7%	0	0	170	222	0	0	216	219
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	163	199	-18.5%	0	0	69	71	0	0	94	128
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	223	242	-8.0%	0	0	101	151	0	0	122	91
Mountain	25	26	-2.9%	0	0	0	1	0	0	25	25
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	0.9%	0	0	0	0	0	0	0	0
Nevada	0	1	-29.0%	0	0	0	1	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	0	0	0	0	NM	NM
Wyoming	24	25	-2.5%	0	0	0	0	0	0	24	25
Pacific Contiguous	150	167	-10.0%	0	0	34	36	0	0	117	131
California	117	131	-10.8%	0	0	0	0	0	0	117	131
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	34	36	-6.9%	0	0	34	36	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	1,072	1,144	-6.3%	4	6	366	315	0	0	702	823

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

Table 1.11.B. Net Generation from Other Gases

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 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	394	584	-32.5%	0	0	0	0	0	0	394	584
New Jersey	82	121	-32.3%	0	0	0	0	0	0	82	121
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	312	463	-32.5%	0	0	0	0	0	0	312	463
East North Central	2,870	2,737	4.9%	65	33	910	455	0	0	1,895	2,249
Illinois	184	233	-21.1%	0	0	7	17	0	0	177	216
Indiana	1,405	1,585	-11.4%	0	0	0	0	0	0	1,405	1,585
Michigan	682	247	176.4%	65	33	617	214	0	0	0	0
Ohio	600	673	-10.8%	0	0	286	225	0	0	313	448
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	23	29	-23.1%	0	0	0	0	0	0	23	29
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	23	29	-23.1%	0	0	0	0	0	0	23	29
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	147	113	29.9%	0	0	0	0	0	0	147	113
Delaware	123	91	35.1%	0	0	0	0	0	0	123	91
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	5	3	70.7%	0	0	0	0	0	0	5	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	18	19	-2.2%	0	0	0	0	0	0	18	19
East South Central	150	74	102.3%	0	0	0	0	0	0	150	74
Alabama	141	66	115.1%	0	0	0	0	0	0	141	66
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	9	8	3.1%	0	0	0	0	0	0	9	8
West South Central	2,518	3,081	-18.3%	0	0	1,186	1,340	0	0	1,332	1,740
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,159	1,410	-17.8%	0	0	532	386	0	0	627	1,023
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,359	1,671	-18.7%	0	0	655	954	0	0	705	717
Mountain	214	208	2.8%	0	0	3	4	0	0	210	204
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	-45.0%	0	0	0	0	0	0	0	0
Nevada	3	4	-15.5%	0	0	3	4	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	208	201	3.8%	0	0	0	0	0	0	208	201
Pacific Contiguous	1,030	1,298	-20.6%	0	0	209	257	0	0	820	1,041
California	820	1,041	-21.2%	0	0	0	0	0	0	820	1,041
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	209	257	-18.5%	0	0	209	257	0	0	0	0
Pacific Noncontiguous	25	33	-24.2%	0	0	0	0	0	0	25	33
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	23	31	-25.2%	0	0	0	0	0	0	23	31
U.S. Total	7,369	8,156	-9.6%	65	33	2,309	2,056	0	0	4,995	6,067

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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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	3,344	3,146	6.3%	0	0	3,344	3,146	0	0	0	0
Connecticut	1,545	1,396	10.7%	0	0	1,545	1,396	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	426	381	12.0%	0	0	426	381	0	0	0	0
New Hampshire	926	928	-0.2%	0	0	926	928	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	446	442	1.0%	0	0	446	442	0	0	0	0
Middle Atlantic	13,834	13,970	-1.0%	0	0	13,834	13,970	0	0	0	0
New Jersey	3,051	2,960	3.1%	0	0	3,051	2,960	0	0	0	0
New York	3,614	3,905	-7.5%	0	0	3,614	3,905	0	0	0	0
Pennsylvania	7,169	7,105	0.9%	0	0	7,169	7,105	0	0	0	0
East North Central	13,750	13,722	0.2%	2,389	2,093	11,360	11,629	0	0	0	0
Illinois	8,326	8,604	-3.2%	0	0	8,326	8,604	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,977	2,680	11.1%	2,389	2,093	588	586	0	0	0	0
Ohio	1,593	1,589	0.3%	0	0	1,593	1,589	0	0	0	0
Wisconsin	855	850	0.5%	0	0	855	850	0	0	0	0
West North Central	4,328	3,342	29.5%	3,910	2,895	418	447	0	0	0	0
Iowa	418	447	-6.6%	0	0	418	447	0	0	0	0
Kansas	886	884	0.2%	886	884	0	0	0	0	0	0
Minnesota	1,204	1,121	7.5%	1,204	1,121	0	0	0	0	0	0
Missouri	889	320	177.6%	889	320	0	0	0	0	0	0
Nebraska	931	570	63.3%	931	570	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	17,318	18,211	-4.9%	16,055	16,953	1,262	1,258	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	2,370	2,691	-11.9%	2,370	2,691	0	0	0	0	0	0
Georgia	2,876	3,023	-4.8%	2,876	3,023	0	0	0	0	0	0
Maryland	1,262	1,258	0.3%	0	0	1,262	1,258	0	0	0	0
North Carolina	3,793	3,650	3.9%	3,793	3,650	0	0	0	0	0	0
South Carolina	4,334	4,906	-11.7%	4,334	4,906	0	0	0	0	0	0
Virginia	2,681	2,682	0.0%	2,681	2,682	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	6,883	7,114	-3.2%	6,883	7,114	0	0	0	0	0	0
Alabama	3,414	3,718	-8.2%	3,414	3,718	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	965	878	9.9%	965	878	0	0	0	0	0	0
Tennessee	2,504	2,518	-0.5%	2,504	2,518	0	0	0	0	0	0
West South Central	6,656	6,400	4.0%	2,927	2,683	3,728	3,718	0	0	0	0
Arkansas	1,360	1,109	22.7%	1,360	1,109	0	0	0	0	0	0
Louisiana	1,568	1,574	-0.4%	1,568	1,574	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,728	3,718	0.3%	0	0	3,728	3,718	0	0	0	0
Mountain	2,910	2,930	-0.7%	2,910	2,930	0	0	0	0	0	0
Arizona	2,910	2,930	-0.7%	2,910	2,930	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	2,107	2,509	-16.0%	2,107	2,509	0	0	0	0	0	0
California	1,508	1,688	-10.6%	1,508	1,688	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	598	821	-27.1%	598	821	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	71,129	71,344	-0.3%	37,182	37,177	33,946	34,167	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 August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	24,660	24,074	2.4%	0	0	24,660	24,074	0	0	0	0
Connecticut	10,818	11,026	-1.9%	0	0	10,818	11,026	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	3,790	2,688	41.0%	0	0	3,790	2,688	0	0	0	0
New Hampshire	6,517	7,275	-10.4%	0	0	6,517	7,275	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	3,534	3,084	14.6%	0	0	3,534	3,084	0	0	0	0
Middle Atlantic	100,894	105,180	-4.1%	0	0	100,894	105,180	0	0	0	0
New Jersey	20,994	22,694	-7.5%	0	0	20,994	22,694	0	0	0	0
New York	28,082	29,408	-4.5%	0	0	28,082	29,408	0	0	0	0
Pennsylvania	51,818	53,078	-2.4%	0	0	51,818	53,078	0	0	0	0
East North Central	102,109	101,829	0.3%	17,223	15,076	84,885	86,753	0	0	0	0
Illinois	64,681	64,995	-0.5%	0	0	64,681	64,995	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	20,676	18,760	10.2%	17,223	15,076	3,452	3,684	0	0	0	0
Ohio	10,363	9,887	4.8%	0	0	10,363	9,887	0	0	0	0
Wisconsin	6,389	8,187	-22.0%	0	0	6,389	8,187	0	0	0	0
West North Central	31,869	24,557	29.8%	28,401	21,013	3,468	3,545	0	0	0	0
Iowa	3,468	3,545	-2.2%	0	0	3,468	3,545	0	0	0	0
Kansas	5,025	4,515	11.3%	5,025	4,515	0	0	0	0	0	0
Minnesota	9,150	7,247	26.3%	9,150	7,247	0	0	0	0	0	0
Missouri	7,111	4,767	49.2%	7,111	4,767	0	0	0	0	0	0
Nebraska	7,115	4,484	58.7%	7,115	4,484	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	131,149	132,740	-1.2%	121,931	123,531	9,218	9,210	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	18,210	17,247	5.6%	18,210	17,247	0	0	0	0	0	0
Georgia	21,702	21,548	0.7%	21,702	21,548	0	0	0	0	0	0
Maryland	9,218	9,210	0.1%	0	0	9,218	9,210	0	0	0	0
North Carolina	27,710	26,067	6.3%	27,710	26,067	0	0	0	0	0	0
South Carolina	33,760	38,558	-12.4%	33,760	38,558	0	0	0	0	0	0
Virginia	20,549	20,111	2.2%	20,549	20,111	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	51,738	53,676	-3.6%	51,738	53,676	0	0	0	0	0	0
Alabama	28,137	26,717	5.3%	28,137	26,717	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	6,020	7,273	-17.2%	6,020	7,273	0	0	0	0	0	0
Tennessee	17,580	19,686	-10.7%	17,580	19,686	0	0	0	0	0	0
West South Central	46,494	43,127	7.8%	20,461	17,822	26,033	25,305	0	0	0	0
Arkansas	9,090	7,119	27.7%	9,090	7,119	0	0	0	0	0	0
Louisiana	11,371	10,703	6.2%	11,371	10,703	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	26,033	25,305	2.9%	0	0	26,033	25,305	0	0	0	0
Mountain	22,018	21,980	0.2%	22,018	21,980	0	0	0	0	0	0
Arizona	22,018	21,980	0.2%	22,018	21,980	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	17,709	16,602	6.7%	17,709	16,602	0	0	0	0	0	0
California	11,481	11,423	0.5%	11,481	11,423	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	6,228	5,179	20.3%	6,228	5,179	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	528,639	523,765	0.9%	279,481	269,699	249,158	254,066	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 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State, by Sector, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	609	605	0.7%	70	89	503	478	NM	NM	35	38
Connecticut	26	NM	NM	NM	NM	24	NM	0	0	0	0
Maine	320	294	8.7%	0	0	286	260	0	0	34	34
Massachusetts	77	83	-7.5%	21	NM	56	57	NM	NM	NM	NM
New Hampshire	94	86	8.9%	17	24	76	61	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	92	108	-14.2%	30	NM	62	69	0	0	0	NM
Middle Atlantic	2,338	2,251	3.9%	1,899	1,774	434	471	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,178	2,092	4.1%	1,847	1,726	326	360	NM	NM	NM	NM
Pennsylvania	158	156	1.8%	52	47	106	108	0	0	0	0
East North Central	257	283	-9.4%	230	258	NM	NM	NM	NM	NM	NM
Illinois	11	NM	NM	NM	NM	7	NM	NM	NM	0	0
Indiana	27	48	-43.5%	27	48	0	0	0	0	0	0
Michigan	79	77	3.1%	72	NM	NM	NM	0	0	NM	NM
Ohio	39	54	-26.4%	39	54	0	0	0	0	0	0
Wisconsin	100	95	5.8%	87	82	NM	NM	0	NM	NM	NM
West North Central	1,043	966	8.0%	1,027	950	NM	NM	0	0	NM	NM
Iowa	NM	NM	NM	NM	NM	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	55	175	-68.4%	55	175	0	0	0	0	0	0
Nebraska	84	82	2.2%	84	82	0	0	0	0	0	0
North Dakota	274	178	53.7%	274	178	0	0	0	0	0	0
South Dakota	546	451	21.1%	546	451	0	0	0	0	0	0
South Atlantic	1,033	1,464	-29.4%	836	1,220	109	129	NM	NM	87	113
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	231	329	-29.8%	229	326	NM	NM	0	0	NM	NM
Maryland	81	75	7.2%	0	0	81	75	0	0	0	0
North Carolina	359	477	-24.8%	304	419	NM	NM	NM	NM	51	53
South Carolina	164	315	-47.8%	160	309	NM	NM	0	NM	0	0
Virginia	98	115	-15.0%	91	108	NM	NM	0	0	NM	NM
West Virginia	88	136	-35.3%	40	NM	15	37	0	0	33	57
East South Central	1,445	1,975	-26.8%	1,387	1,912	NM	NM	0	0	58	62
Alabama	489	842	-41.9%	489	842	0	0	0	0	0	0
Kentucky	230	289	-20.4%	229	288	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	726	844	-14.0%	668	782	0	0	0	0	58	62
West South Central	420	805	-47.8%	353	708	67	97	0	0	0	0
Arkansas	190	333	-43.0%	188	328	NM	NM	0	0	0	0
Louisiana	63	89	-29.8%	0	0	63	89	0	0	0	0
Oklahoma	111	281	-60.4%	111	281	0	0	0	0	0	0
Texas	56	101	-44.5%	53	98	NM	NM	0	0	0	0
Mountain	2,583	2,544	1.6%	2,221	2,244	362	299	NM	0	0	0
Arizona	575	544	5.7%	575	544	0	0	0	0	0	0
Colorado	93	69	35.3%	78	58	NM	NM	NM	0	0	0
Idaho	811	810	0.2%	728	737	83	72	0	0	0	0
Montana	767	715	7.2%	508	504	258	211	0	0	0	0
Nevada	167	236	-29.4%	163	232	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Wyoming	106	108	-1.8%	105	107	NM	NM	0	0	0	0
Pacific Contiguous	9,933	10,705	-7.2%	9,811	10,539	122	165	NM	NM	0	NM
California	1,946	2,692	-27.7%	1,859	2,559	87	133	NM	NM	0	0
Oregon	2,018	1,977	2.1%	1,998	1,959	NM	NM	0	0	0	0
Washington	5,969	6,036	-1.1%	5,954	6,022	NM	NM	0	0	0	NM
Pacific Noncontiguous	124	115	7.5%	118	109	2	2	0	0	NM	NM
Alaska	116	107	8.1%	116	107	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	2	2	0	0	NM	NM
U.S. Total	19,786	21,712	-8.9%	17,952	19,804	1,627	1,669	NM	NM	204	235

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.B. Net Generation from Hydroelectric (Conventional) Power

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	5,461	5,979	-8.7%	713	855	4,448	4,767	NM	NM	297	352
Connecticut	248	291	-14.9%	NM	NM	227	267	0	0	0	0
Maine	2,620	2,848	-8.0%	0	0	2,344	2,525	0	0	275	323
Massachusetts	729	818	-10.9%	189	220	532	589	NM	NM	NM	NM
New Hampshire	1,031	1,067	-3.3%	218	279	808	782	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	830	951	-12.7%	285	332	532	600	0	0	NM	NM
Middle Atlantic	19,322	18,594	3.9%	15,061	14,200	4,214	4,341	NM	NM	44	49
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	17,143	16,687	2.7%	14,148	13,353	2,948	3,281	NM	NM	44	49
Pennsylvania	2,161	1,885	14.6%	914	847	1,248	1,038	0	0	0	0
East North Central	2,441	2,422	0.8%	2,173	2,168	170	161	NM	NM	94	90
Illinois	100	100	0.5%	37	NM	62	56	NM	NM	0	0
Indiana	223	283	-21.4%	223	283	0	0	0	0	0	0
Michigan	819	760	7.8%	741	683	61	60	0	0	NM	NM
Ohio	259	354	-26.7%	259	354	0	0	0	0	0	0
Wisconsin	1,039	925	12.3%	913	807	NM	NM	NM	NM	77	73
West North Central	7,133	6,592	8.2%	6,960	6,426	120	112	0	0	54	54
Iowa	485	488	-0.5%	482	484	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	304	283	7.7%	149	133	102	95	0	0	54	54
Missouri	528	1,032	-48.8%	528	1,032	0	0	0	0	0	0
Nebraska	840	796	5.4%	840	796	0	0	0	0	0	0
North Dakota	1,745	1,377	26.7%	1,745	1,377	0	0	0	0	0	0
South Dakota	3,217	2,603	23.6%	3,217	2,603	0	0	0	0	0	0
South Atlantic	10,730	12,734	-15.7%	8,265	10,006	1,675	1,619	11	NM	779	1,097
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	120	140	-14.5%	120	140	0	0	0	0	0	0
Georgia	2,197	2,440	-10.0%	2,174	2,414	NM	NM	0	0	NM	NM
Maryland	1,337	1,119	19.5%	0	0	1,337	1,119	0	0	0	0
North Carolina	3,358	4,696	-28.5%	2,933	4,089	NM	NM	10	NM	385	561
South Carolina	1,806	2,026	-10.9%	1,762	1,975	43	51	NM	NM	0	0
Virginia	996	1,080	-7.7%	940	1,014	47	55	0	0	NM	NM
West Virginia	917	1,232	-25.6%	337	373	211	350	0	0	369	509
East South Central	14,247	19,944	-28.6%	13,799	19,242	NM	NM	0	0	442	696
Alabama	6,459	9,331	-30.8%	6,459	9,331	0	0	0	0	0	0
Kentucky	2,055	2,427	-15.3%	2,049	2,421	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	5,733	8,186	-30.0%	5,291	7,490	0	0	0	0	442	696
West South Central	4,449	5,268	-15.6%	3,565	4,335	883	933	0	0	0	0
Arkansas	1,924	1,915	0.4%	1,894	1,875	NM	NM	0	0	0	0
Louisiana	827	863	-4.2%	0	0	827	863	0	0	0	0
Oklahoma	1,045	1,607	-35.0%	1,045	1,607	0	0	0	0	0	0
Texas	653	882	-26.0%	626	852	NM	NM	0	0	0	0
Mountain	24,452	22,829	7.1%	21,134	19,741	3,315	3,087	NM	0	0	0
Arizona	4,276	4,359	-1.9%	4,276	4,359	0	0	0	0	0	0
Colorado	1,263	983	28.5%	1,108	886	151	97	NM	0	0	0
Idaho	7,368	6,936	6.2%	6,754	6,399	613	537	0	0	0	0
Montana	8,336	7,373	13.1%	5,835	4,969	2,501	2,404	0	0	0	0
Nevada	1,856	1,990	-6.7%	1,818	1,952	NM	NM	0	0	0	0
New Mexico	153	136	12.7%	153	136	0	0	0	0	0	0
Utah	516	464	11.3%	511	459	NM	NM	0	0	0	0
Wyoming	685	589	16.3%	678	583	NM	NM	0	0	0	0
Pacific Contiguous	95,400	100,467	-5.0%	94,484	99,200	913	1,262	NM	NM	NM	NM
California	12,641	19,182	-34.1%	12,099	18,277	540	901	NM	NM	0	0
Oregon	25,096	23,760	5.6%	24,903	23,573	193	187	0	0	0	0
Washington	57,663	57,524	0.2%	57,483	57,349	180	174	0	0	NM	NM
Pacific Noncontiguous	1,078	1,018	5.9%	1,031	969	9	13	0	0	NM	NM
Alaska	1,013	950	6.7%	1,013	950	0	0	0	0	0	0
Hawaii	65	68	-5.5%	NM	NM	9	13	0	0	NM	NM
U.S. Total	184,714	195,846	-5.7%	167,186	177,142	15,753	16,301	NM	NM	1,747	2,376

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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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	819	815	0.5%	60	76	578	520	17	14	164	205
Connecticut	69	59	17.5%	0	0	69	59	0	0	0	0
Maine	366	386	-5.1%	0	0	190	214	12	10	164	161
Massachusetts	158	168	-6.1%	NM	NM	151	119	NM	NM	0	44
New Hampshire	143	132	7.8%	22	31	118	98	NM	NM	0	0
Rhode Island	29	9	230.9%	0	0	29	9	0	0	0	0
Vermont	54	60	-10.7%	34	40	20	20	NM	NM	0	0
Middle Atlantic	956	866	10.4%	7	6	810	745	63	59	77	56
New Jersey	168	147	14.5%	7	6	132	115	29	25	NM	NM
New York	406	390	4.2%	0	0	359	349	22	23	24	18
Pennsylvania	382	329	16.1%	0	0	318	281	12	11	52	37
East North Central	1,272	1,170	8.7%	125	138	958	860	26	18	163	154
Illinois	415	388	7.0%	NM	NM	414	387	0	0	0	0
Indiana	145	120	20.8%	25	24	117	93	NM	NM	NM	NM
Michigan	389	343	13.4%	40	45	255	213	23	15	72	71
Ohio	109	105	3.9%	NM	NM	75	73	NM	NM	31	28
Wisconsin	214	214	-0.3%	57	65	97	94	NM	NM	60	54
West North Central	2,338	2,391	-2.2%	589	697	1,692	1,646	9	NM	48	42
Iowa	556	688	-19.3%	302	371	251	313	NM	NM	1	3
Kansas	738	573	28.9%	59	65	679	508	0	0	0	0
Minnesota	451	536	-15.8%	91	114	311	381	NM	NM	47	39
Missouri	59	57	3.9%	3	3	52	53	3	0	NM	NM
Nebraska	131	112	17.4%	15	19	115	92	NM	NM	0	0
North Dakota	283	275	2.8%	89	90	193	185	0	0	0	0
South Dakota	121	150	-19.6%	30	35	91	115	0	0	0	0
South Atlantic	1,743	1,544	12.9%	194	137	717	572	37	34	795	801
Delaware	12	12	-0.1%	NM	NM	11	11	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	452	386	17.1%	27	27	247	181	NM	NM	176	176
Georgia	370	329	12.7%	0	0	72	53	NM	NM	295	272
Maryland	76	72	6.0%	NM	NM	59	52	NM	NM	12	15
North Carolina	258	270	-4.5%	NM	NM	188	151	8	NM	61	115
South Carolina	171	172	-0.3%	37	35	NM	2	0	0	131	135
Virginia	338	245	38.3%	126	72	72	63	21	21	119	89
West Virginia	65	59	10.7%	0	0	65	59	0	0	0	0
East South Central	541	553	-2.1%	8	8	26	26	NM	NM	506	519
Alabama	270	305	-11.5%	NM	NM	19	19	0	0	251	286
Kentucky	39	16	139.0%	8	8	0	0	0	0	31	8
Mississippi	139	135	3.0%	0	0	0	0	0	0	139	135
Tennessee	93	96	-3.3%	0	0	7	7	NM	NM	86	89
West South Central	3,922	3,421	14.6%	136	136	3,312	2,816	NM	NM	469	465
Arkansas	135	147	-8.4%	0	0	7	6	NM	NM	127	141
Louisiana	236	211	11.8%	0	0	5	5	0	0	231	206
Oklahoma	808	713	13.4%	113	108	668	574	0	0	28	30
Texas	2,742	2,350	16.7%	23	28	2,631	2,231	NM	NM	83	89
Mountain	1,800	1,635	10.1%	179	155	1,582	1,442	9	9	29	28
Arizona	319	224	42.3%	33	25	284	197	NM	NM	0	0
Colorado	400	420	-4.8%	10	NM	387	415	NM	NM	NM	NM
Idaho	179	209	-14.1%	7	11	143	170	0	0	29	28
Montana	99	59	69.6%	11	5	89	54	0	0	0	0
Nevada	349	312	11.8%	0	0	345	308	NM	4	NM	NM
New Mexico	166	154	7.8%	11	6	155	148	NM	NM	0	0
Utah	96	86	12.3%	22	22	74	63	0	0	0	0
Wyoming	191	171	11.5%	86	84	105	87	0	0	0	0
Pacific Contiguous	5,434	4,778	13.7%	680	618	4,430	3,828	99	100	226	231
California	4,041	3,462	16.8%	270	255	3,617	3,035	97	98	58	73
Oregon	738	697	6.0%	143	129	541	521	NM	NM	52	44
Washington	655	620	5.7%	267	234	271	272	0	0	116	114
Pacific Noncontiguous	109	105	3.7%	NM	6	73	75	19	17	8	NM
Alaska	NM	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Hawaii	101	98	3.6%	NM	2	71	72	19	17	8	NM
U.S. Total	18,934	17,277	9.6%	1,986	1,978	14,177	12,530	285	260	2,485	2,508

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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 August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	6,623	6,297	5.2%	584	562	4,556	4,130	128	107	1,355	1,497
Connecticut	519	448	15.7%	0	0	519	448	0	0	0	0
Maine	2,837	2,918	-2.7%	0	0	1,723	1,713	82	74	1,032	1,131
Massachusetts	1,465	1,333	9.9%	53	47	1,066	911	22	9	323	366
New Hampshire	1,214	1,077	12.7%	222	236	971	819	22	22	0	0
Rhode Island	93	67	40.4%	0	0	93	67	0	0	0	0
Vermont	495	455	9.0%	309	280	184	172	NM	NM	0	0
Middle Atlantic	9,229	8,520	8.3%	43	39	8,179	7,600	435	423	573	458
New Jersey	1,139	1,033	10.3%	43	39	911	823	184	170	NM	NM
New York	4,153	3,748	10.8%	0	0	3,813	3,421	164	166	176	161
Pennsylvania	3,938	3,738	5.3%	0	0	3,455	3,356	87	86	396	296
East North Central	17,193	15,651	9.9%	1,655	1,580	14,235	12,774	155	129	1,148	1,169
Illinois	7,198	6,649	8.3%	10	10	7,187	6,639	NM	NM	0	0
Indiana	2,424	2,393	1.3%	160	189	2,238	2,177	15	16	11	11
Michigan	4,196	3,238	29.6%	595	565	2,967	2,062	128	102	506	510
Ohio	1,167	1,230	-5.1%	26	24	909	987	NM	NM	229	216
Wisconsin	2,208	2,141	3.1%	864	792	934	908	8	9	402	432
West North Central	33,263	29,627	12.3%	9,788	9,222	23,032	20,020	81	53	362	332
Iowa	10,508	10,072	4.3%	5,743	5,555	4,733	4,490	17	17	14	9
Kansas	7,246	6,043	19.9%	605	579	6,641	5,464	0	0	0	0
Minnesota	7,120	6,381	11.6%	1,531	1,426	5,219	4,611	26	25	344	319
Missouri	832	817	1.8%	27	27	777	788	27	0	NM	NM
Nebraska	1,606	1,133	41.7%	168	169	1,428	954	10	10	0	0
North Dakota	4,084	3,461	18.0%	1,283	1,071	2,799	2,388	0	0	NM	NM
South Dakota	1,867	1,720	8.6%	432	394	1,435	1,326	0	0	0	0
South Atlantic	13,894	12,103	14.8%	1,221	818	5,785	4,892	288	236	6,600	6,157
Delaware	89	82	8.9%	NM	NM	79	78	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,390	3,111	9.0%	194	189	1,819	1,492	21	23	1,356	1,407
Georgia	2,790	2,356	18.4%	0	0	476	297	21	21	2,292	2,038
Maryland	645	627	2.8%	9	NM	513	503	30	30	93	86
North Carolina	2,161	1,937	11.6%	6	NM	1,328	1,057	57	NM	771	869
South Carolina	1,463	1,316	11.2%	291	287	17	13	0	0	1,155	1,015
Virginia	2,408	1,699	41.7%	715	328	604	478	155	153	934	740
West Virginia	949	974	-2.6%	0	0	949	974	0	0	0	0
East South Central	4,163	4,133	0.7%	64	65	207	205	NM	NM	3,889	3,862
Alabama	2,090	2,192	-4.7%	NM	NM	135	138	0	0	1,954	2,053
Kentucky	326	210	55.2%	62	63	0	0	0	0	264	147
Mississippi	1,039	1,020	1.9%	1	0	0	0	0	0	1,038	1,020
Tennessee	708	712	-0.5%	0	0	73	67	NM	NM	633	643
West South Central	39,168	36,444	7.5%	1,337	1,299	34,297	31,553	37	28	3,497	3,565
Arkansas	1,053	1,128	-6.6%	0	0	58	58	NM	NM	991	1,066
Louisiana	1,709	1,652	3.4%	0	0	40	41	0	0	1,669	1,611
Oklahoma	8,169	7,320	11.6%	1,132	1,077	6,824	6,018	0	0	213	225
Texas	28,237	26,344	7.2%	205	222	27,375	25,436	33	24	624	662
Mountain	19,565	17,416	12.3%	2,112	1,818	17,132	15,268	68	65	253	263
Arizona	2,581	1,703	51.6%	230	180	2,334	1,509	18	14	0	0
Colorado	5,009	4,938	1.4%	121	48	4,861	4,866	24	22	NM	NM
Idaho	2,285	2,102	8.7%	109	85	1,928	1,759	0	0	248	259
Montana	1,244	999	24.4%	148	59	1,096	940	0	0	0	0
Nevada	2,738	2,558	7.1%	0	0	2,712	2,528	24	27	NM	NM
New Mexico	1,960	1,795	9.2%	72	44	1,885	1,749	NM	NM	0	0
Utah	851	613	38.9%	180	156	671	457	0	0	0	0
Wyoming	2,896	2,706	7.0%	1,252	1,246	1,644	1,460	0	0	0	0
Pacific Contiguous	42,228	37,569	12.4%	5,669	5,273	34,130	29,830	749	743	1,680	1,722
California	29,782	25,425	17.1%	1,923	1,654	26,647	22,506	733	727	479	538
Oregon	6,267	6,134	2.2%	1,076	1,092	4,808	4,673	16	16	367	353
Washington	6,179	6,010	2.8%	2,670	2,527	2,675	2,652	0	0	835	831
Pacific Noncontiguous	945	823	14.8%	90	73	662	570	130	117	62	63
Alaska	108	93	16.0%	72	59	36	33	0	0	NM	NM
Hawaii	837	730	14.6%	18	14	626	537	130	117	62	62
U.S. Total	186,270	168,582	10.5%	22,562	20,749	142,216	126,843	2,073	1,902	19,419	19,088

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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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	-38	6	-695.5%	0	0	-38	6	0	0	0	0
Connecticut	0	0	28.1%	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-38	6	-706.5%	0	0	-38	6	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	-93	-102	-8.9%	-30	-48	-63	-54	0	0	0	0
New Jersey	-21	-21	0.2%	-21	-21	0	0	0	0	0	0
New York	-9	-27	-66.4%	-9	-27	0	0	0	0	0	0
Pennsylvania	-63	-54	16.3%	0	0	-63	-54	0	0	0	0
East North Central	-98	-113	-13.0%	-98	-113	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	-98	-113	-13.0%	-98	-113	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	-8	26	-129.4%	-8	26	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	-8	26	-129.4%	-8	26	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	-384	-211	82.3%	-384	-211	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	-95	-11	786.7%	-95	-11	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	-105	-79	31.9%	-105	-79	0	0	0	0	0	0
Virginia	-184	-121	52.7%	-184	-121	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-59	-1	NM	-59	-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	-59	-1	NM	-59	-1	0	0	0	0	0	0
West South Central	-4	-3	28.5%	-4	-3	0	0	0	0	0	0
Arkansas	8	6	42.3%	8	6	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-12	-9	37.0%	-12	-9	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-19	-14	39.4%	-19	-14	0	0	0	0	0	0
Arizona	11	16	-30.7%	11	16	0	0	0	0	0	0
Colorado	-30	-29	2.1%	-30	-29	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	-65	-43	51.7%	-65	-43	0	0	0	0	0	0
California	-65	-43	49.7%	-65	-43	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	1	-76.7%	0	1	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	-769	-454	69.2%	-668	-407	-101	-47	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 August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	-304	-161	88.5%	0	0	-304	-161	0	0	0	0
Connecticut	-1	-3	-75.4%	0	0	-1	-3	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-303	-158	91.2%	0	0	-303	-158	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	-641	-770	-16.8%	-273	-425	-368	-345	0	0	0	0
New Jersey	-148	-136	8.9%	-148	-136	0	0	0	0	0	0
New York	-125	-289	-56.6%	-125	-289	0	0	0	0	0	0
Pennsylvania	-368	-345	6.6%	0	0	-368	-345	0	0	0	0
East North Central	-544	-607	-10.4%	-544	-607	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	-544	-607	-10.4%	-544	-607	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	-8	288	-102.8%	-8	288	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	-8	288	-102.8%	-8	288	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	-1,861	-1,623	14.7%	-1,861	-1,623	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	-309	-242	27.6%	-309	-242	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	-613	-521	17.7%	-613	-521	0	0	0	0	0	0
Virginia	-938	-859	9.2%	-938	-859	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-314	-23	NM	-314	-23	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	-314	-23	NM	-314	-23	0	0	0	0	0	0
West South Central	-19	-36	-45.9%	-19	-36	0	0	0	0	0	0
Arkansas	63	28	121.1%	63	28	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-82	-64	27.9%	-82	-64	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-90	-155	-41.7%	-90	-155	0	0	0	0	0	0
Arizona	39	46	-15.0%	39	46	0	0	0	0	0	0
Colorado	-130	-201	-35.6%	-130	-201	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	-110	119	-192.4%	-110	119	0	0	0	0	0	0
California	-107	113	-193.9%	-107	113	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	-4	6	-162.8%	-4	6	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-3,892	-2,968	31.1%	-3,220	-2,462	-671	-506	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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	175	185	-5.3%	0	0	155	165	9	9	11	10
Connecticut	55	64	-15.3%	0	0	55	64	0	0	0	0
Maine	39	38	1.6%	0	0	19	20	9	9	11	9
Massachusetts	76	77	-1.0%	0	0	76	75	0	0	0	2
New Hampshire	NM	6	NM	0	0	NM	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	214	212	0.9%	0	0	171	168	43	43	0	0
New Jersey	48	47	2.0%	0	0	35	34	13	13	0	0
New York	88	87	0.5%	0	0	68	66	20	22	0	0
Pennsylvania	78	77	0.8%	0	0	68	68	10	9	0	0
East North Central	113	113	-0.5%	10	15	14	13	23	16	66	68
Illinois	23	25	-7.9%	0	0	0	0	0	0	23	25
Indiana	46	50	-7.3%	8	11	0	0	NM	2	37	36
Michigan	37	31	19.5%	0	1	14	13	21	14	2	2
Ohio	0	1	-52.7%	0	0	0	0	0	0	0	1
Wisconsin	7	7	-8.1%	3	3	0	0	0	0	4	4
West North Central	48	42	13.4%	27	21	13	13	3	3	5	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	37	-5.5%	14	15	13	13	3	3	5	5
Missouri	8	1	905.3%	8	1	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	5	NM	NM	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	331	355	-6.9%	0	0	183	177	19	19	129	159
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	234	253	-7.8%	0	0	113	110	0	0	121	143
Georgia	6	10	-38.7%	0	0	0	0	0	0	6	10
Maryland	29	29	1.0%	0	0	29	29	NM	NM	0	0
North Carolina	14	15	-8.5%	0	0	14	15	0	0	0	0
South Carolina	2	5	-55.6%	0	0	0	0	0	0	2	5
Virginia	46	43	7.1%	0	0	27	24	18	19	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	6	2	159.8%	4	1	0	0	0	0	2	1
Alabama	0	1	-100.0%	0	0	0	0	0	0	0	1
Kentucky	4	1	190.9%	4	1	0	0	0	0	0	0
Mississippi	0	NM	NM	0	0	0	0	0	0	0	NM
Tennessee	2	0	NM	0	0	0	0	0	0	2	0
West South Central	98	85	15.6%	0	0	0	0	0	0	98	85
Arkansas	1	2	-72.2%	0	0	0	0	0	0	1	2
Louisiana	39	41	-5.6%	0	0	0	0	0	0	39	41
Oklahoma	NM	2	NM	0	0	0	0	0	0	NM	2
Texas	57	40	42.7%	0	0	0	0	0	0	57	40
Mountain	41	45	-9.3%	NM	NM	23	27	0	0	17	16
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	5	5	-9.3%	0	0	NM	NM	0	0	4	4
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	21	26	-17.8%	0	0	21	26	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	14	13	11.8%	0	0	NM	NM	0	0	14	12
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	61	64	-4.7%	0	0	22	25	0	0	39	39
California	46	47	-1.7%	0	0	12	15	0	0	34	31
Oregon	NM	4	NM	0	0	NM	4	0	0	0	0
Washington	11	14	-16.9%	0	0	NM	6	0	0	5	7
Pacific Noncontiguous	19	18	1.9%	0	0	0	2	19	16	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	19	18	1.9%	0	0	0	2	19	16	0	0
U.S. Total	1,105	1,122	-1.5%	43	39	580	593	114	107	367	383

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

Table 1.16.B. Net Generation from Other Energy Sources

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	1,283	1,400	-8.3%	0	0	1,140	1,260	65	64	78	75
Connecticut	410	505	-18.9%	0	0	410	505	0	0	0	0
Maine	242	256	-5.4%	0	0	116	132	65	64	61	60
Massachusetts	589	593	-0.7%	0	0	572	578	0	0	17	15
New Hampshire	42	45	-6.7%	0	0	42	45	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	1,566	1,583	-1.1%	0	0	1,252	1,267	314	316	0	0
New Jersey	347	351	-1.1%	0	0	254	255	93	96	0	0
New York	656	646	1.6%	0	0	506	496	151	150	0	0
Pennsylvania	562	585	-4.0%	0	0	492	515	70	70	0	0
East North Central	763	747	2.1%	96	101	108	107	130	106	429	433
Illinois	169	175	-3.4%	0	0	0	0	0	0	169	175
Indiana	278	293	-5.0%	64	70	0	0	13	13	201	209
Michigan	269	221	22.0%	14	6	108	107	117	93	30	14
Ohio	6	7	-17.2%	0	0	0	0	0	0	6	7
Wisconsin	41	52	-20.9%	18	24	0	0	0	0	23	28
West North Central	323	323	-0.2%	172	164	95	101	21	23	35	35
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	264	275	-4.0%	114	116	95	101	21	23	35	35
Missouri	23	10	137.7%	23	10	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	35	38	-7.7%	35	38	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	2,540	2,674	-5.0%	0	0	1,363	1,438	139	136	1,038	1,100
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	1,819	1,957	-7.0%	0	0	862	955	0	0	958	1,002
Georgia	54	54	-0.2%	0	0	0	0	0	0	54	54
Maryland	210	207	1.6%	0	0	210	207	NM	NM	0	0
North Carolina	97	103	-6.1%	0	0	97	103	0	0	0	0
South Carolina	26	44	-40.4%	0	0	0	0	0	0	26	44
Virginia	334	309	8.1%	0	0	195	174	138	135	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	20	10	90.2%	12	7	0	0	0	0	8	3
Alabama	0	2	-92.2%	0	0	0	0	0	0	0	2
Kentucky	12	7	66.0%	12	7	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	7	0	NM	0	0	0	0	0	0	7	0
West South Central	598	600	-0.3%	0	0	0	0	0	0	598	600
Arkansas	9	16	-41.9%	0	0	0	0	0	0	9	16
Louisiana	290	292	-0.7%	0	0	0	0	0	0	290	292
Oklahoma	14	15	-9.4%	0	0	0	0	0	0	14	15
Texas	285	277	2.9%	0	0	0	0	0	0	285	277
Mountain	324	375	-13.6%	11	10	173	238	0	0	141	127
Arizona	0	3	-100.0%	0	0	0	3	0	0	0	0
Colorado	37	36	0.8%	0	0	9	9	0	0	28	27
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	161	223	-27.9%	0	0	161	223	0	0	0	0
Nevada	11	10	2.2%	11	10	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	116	102	13.6%	0	0	NM	NM	0	0	113	99
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	451	436	3.4%	0	0	179	193	0	0	271	243
California	333	315	5.6%	0	0	105	114	0	0	229	202
Oregon	27	29	-6.4%	0	0	27	29	0	0	0	0
Washington	90	91	-1.2%	0	0	47	50	0	0	43	41
Pacific Noncontiguous	130	118	9.9%	0	0	4	6	125	112	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	130	118	9.9%	0	0	4	6	125	112	0	0
U.S. Total	7,997	8,267	-3.3%	290	282	4,315	4,610	794	758	2,598	2,617

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	94	118	-20.5%	14	13	79	105	NM	NM	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	46	68	-32.0%	0	0	46	68	0	0	0	0
Massachusetts	11	10	7.0%	NM	NM	6	6	NM	NM	0	0
New Hampshire	21	25	-16.2%	0	0	21	25	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	16	15	4.5%	11	10	5	5	0	0	0	0
Middle Atlantic	349	312	12.1%	0	0	349	311	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	186	181	2.6%	0	0	185	180	0	0	NM	NM
Pennsylvania	163	130	25.3%	0	0	163	130	0	0	0	0
East North Central	702	642	9.3%	75	85	625	556	NM	NM	NM	NM
Illinois	352	327	7.6%	NM	NM	351	326	0	0	0	0
Indiana	101	92	9.5%	0	0	101	92	NM	NM	0	0
Michigan	156	122	28.1%	40	45	117	77	0	0	0	0
Ohio	37	36	2.4%	NM	NM	35	34	0	0	NM	NM
Wisconsin	56	65	-14.0%	34	38	21	26	0	0	0	0
West North Central	2,143	2,202	-2.7%	549	652	1,593	1,548	NM	NM	0	0
Iowa	543	674	-19.5%	299	368	243	305	NM	NM	0	0
Kansas	733	568	29.1%	59	65	674	503	0	0	0	0
Minnesota	289	377	-23.3%	60	79	228	296	NM	NM	0	0
Missouri	49	52	-5.8%	0	0	49	52	0	0	0	0
Nebraska	126	107	18.0%	11	15	115	92	0	0	0	0
North Dakota	283	275	2.8%	89	90	193	185	0	0	0	0
South Dakota	121	150	-19.6%	30	35	91	115	0	0	0	0
South Atlantic	78	70	11.9%	0	0	78	69	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	14	12	17.6%	0	0	14	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	64	58	10.8%	0	0	64	58	0	0	0	0
East South Central	2	2	-0.6%	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	-0.6%	0	0	2	2	0	0	0	0
West South Central	3,340	2,816	18.6%	136	136	3,201	2,679	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	781	683	14.4%	113	108	668	574	0	0	0	0
Texas	2,559	2,133	20.0%	23	28	2,534	2,105	NM	0	0	0
Mountain	984	989	-0.5%	114	101	869	886	NM	NM	NM	NM
Arizona	26	19	35.7%	0	0	26	19	0	0	0	0
Colorado	365	395	-7.7%	10	NM	354	393	NM	NM	NM	NM
Idaho	131	160	-18.4%	7	11	123	149	0	0	0	0
Montana	99	59	69.6%	11	5	89	54	0	0	0	0
Nevada	19	22	-13.2%	0	0	19	22	0	0	0	0
New Mexico	104	111	-6.9%	0	0	103	111	NM	NM	0	0
Utah	50	51	-2.7%	0	0	50	51	0	0	0	0
Wyoming	191	171	11.5%	86	84	105	87	0	0	0	0
Pacific Contiguous	2,435	2,386	2.0%	499	430	1,936	1,956	NM	NM	NM	NM
California	1,306	1,325	-1.5%	136	116	1,170	1,209	NM	NM	NM	NM
Oregon	639	605	5.6%	136	122	502	483	0	0	0	0
Washington	490	456	7.5%	227	192	263	264	0	0	0	0
Pacific Noncontiguous	61	57	6.4%	NM	NM	56	53	0	0	0	0
Alaska	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Hawaii	54	50	6.7%	0	0	54	50	0	0	0	0
U.S. Total	10,187	9,593	6.2%	1,391	1,422	8,787	8,165	NM	NM	NM	NM

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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.B. Net Generation from Wind

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	1,301	1,182	10.1%	160	115	1,120	1,059	21	8	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	690	658	4.8%	0	0	690	658	0	0	0	0
Massachusetts	141	120	18.1%	40	38	80	74	21	8	0	0
New Hampshire	272	254	7.2%	0	0	272	254	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	196	149	31.2%	120	77	76	72	0	0	0	0
Middle Atlantic	4,860	4,444	9.4%	0	0	4,854	4,438	0	0	NM	NM
New Jersey	9	9	5.0%	0	0	9	9	0	0	0	0
New York	2,574	2,249	14.4%	0	0	2,567	2,243	0	0	NM	NM
Pennsylvania	2,277	2,186	4.2%	0	0	2,277	2,186	0	0	0	0
East North Central	13,171	11,631	13.2%	1,304	1,189	11,849	10,431	NM	NM	18	10
Illinois	6,737	6,183	9.0%	10	10	6,727	6,174	0	0	0	0
Indiana	2,141	2,175	-1.6%	0	0	2,140	2,174	NM	NM	0	0
Michigan	2,447	1,552	57.7%	595	565	1,852	987	0	0	0	0
Ohio	766	713	7.4%	11	10	738	693	0	0	18	10
Wisconsin	1,080	1,008	7.2%	688	604	392	403	0	0	0	0
West North Central	31,764	28,165	12.8%	9,449	8,877	22,294	19,268	21	20	0	0
Iowa	10,403	9,970	4.3%	5,724	5,536	4,677	4,433	NM	NM	0	0
Kansas	7,209	6,005	20.0%	605	579	6,604	5,426	0	0	0	0
Minnesota	5,881	5,144	14.3%	1,268	1,159	4,595	3,968	19	18	0	0
Missouri	756	774	-2.4%	0	0	756	774	0	0	0	0
Nebraska	1,566	1,093	43.3%	138	139	1,428	954	0	0	0	0
North Dakota	4,082	3,458	18.0%	1,283	1,071	2,799	2,388	0	0	0	0
South Dakota	1,867	1,720	8.6%	432	394	1,435	1,326	0	0	0	0
South Atlantic	1,136	1,186	-4.2%	0	0	1,133	1,184	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	191	216	-11.6%	0	0	191	216	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	942	967	-2.6%	0	0	942	967	0	0	0	0
East South Central	33	30	11.0%	0	0	33	30	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	33	30	11.0%	0	0	33	30	0	0	0	0
West South Central	34,821	32,189	8.2%	1,337	1,299	33,475	30,889	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	7,956	7,095	12.1%	1,132	1,077	6,824	6,018	0	0	0	0
Texas	26,865	25,094	7.1%	205	222	26,651	24,871	NM	0	0	0
Mountain	13,427	12,504	7.4%	1,627	1,436	11,788	11,055	10	10	NM	NM
Arizona	344	329	4.6%	0	0	344	329	0	0	0	0
Colorado	4,796	4,756	0.9%	118	46	4,668	4,700	7	NM	NM	NM
Idaho	1,898	1,685	12.6%	109	85	1,789	1,601	0	0	0	0
Montana	1,244	999	24.4%	148	59	1,096	940	0	0	0	0
Nevada	197	175	12.6%	0	0	197	175	0	0	0	0
New Mexico	1,577	1,492	5.8%	0	0	1,575	1,489	NM	NM	0	0
Utah	475	362	31.2%	0	0	475	362	0	0	0	0
Wyoming	2,896	2,706	7.0%	1,252	1,246	1,644	1,460	0	0	0	0
Pacific Contiguous	20,996	20,485	2.5%	4,360	4,028	16,632	16,452	NM	NM	NM	NM
California	10,418	10,180	2.3%	890	691	9,524	9,485	NM	NM	NM	NM
Oregon	5,519	5,419	1.8%	1,027	1,043	4,492	4,376	0	0	0	0
Washington	5,060	4,886	3.6%	2,444	2,294	2,616	2,592	0	0	0	0
Pacific Noncontiguous	511	432	18.3%	72	59	439	373	0	0	0	0
Alaska	108	92	17.1%	72	59	36	33	0	0	0	0
Hawaii	403	340	18.6%	0	0	403	340	0	0	0	0
U.S. Total	122,022	112,247	8.7%	18,310	17,004	103,617	95,179	67	44	29	21

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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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	675	681	-0.9%	44	62	452	401	15	14	164	205
Connecticut	68	59	15.5%	0	0	68	59	0	0	0	0
Maine	320	318	0.6%	0	0	144	146	12	10	164	161
Massachusetts	103	145	-29.1%	0	0	103	101	0	0	0	44
New Hampshire	122	108	13.2%	22	31	97	74	NM	NM	0	0
Rhode Island	27	8	230.3%	0	0	27	8	0	0	0	0
Vermont	35	43	-18.7%	23	30	12	13	NM	NM	0	0
Middle Atlantic	508	479	6.2%	0	0	386	378	47	47	75	54
New Jersey	88	85	3.3%	0	0	74	72	14	13	0	0
New York	211	204	3.5%	0	0	165	164	22	23	24	18
Pennsylvania	209	189	10.3%	0	0	146	142	12	11	51	36
East North Central	538	513	4.8%	48	51	303	291	25	18	162	153
Illinois	55	54	2.8%	0	0	55	54	0	0	0	0
Indiana	28	27	2.7%	25	24	0	0	NM	NM	NM	NM
Michigan	233	221	5.3%	0	0	138	135	23	15	72	71
Ohio	64	61	4.0%	NM	NM	34	34	0	0	29	27
Wisconsin	158	150	5.6%	23	27	76	68	NM	NM	60	54
West North Central	193	188	2.7%	41	45	97	97	7	NM	48	42
Iowa	13	15	-11.5%	2	3	7	7	NM	NM	1	3
Kansas	5	5	2.6%	0	0	5	5	0	0	0	0
Minnesota	161	158	1.9%	31	35	83	84	NM	NM	47	39
Missouri	9	5	62.9%	3	3	NM	2	3	0	NM	NM
Nebraska	5	5	4.1%	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	1,514	1,389	9.0%	172	117	519	443	28	29	795	801
Delaware	5	5	3.1%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	425	361	17.8%	8	9	239	174	NM	NM	176	176
Georgia	357	328	9.0%	0	0	60	53	NM	NM	295	272
Maryland	50	52	-4.1%	0	0	35	35	NM	NM	12	15
North Carolina	166	226	-26.5%	0	0	105	111	0	0	61	115
South Carolina	170	172	-0.6%	37	35	NM	2	0	0	131	135
Virginia	338	245	38.3%	126	72	72	63	21	21	119	89
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	536	548	-2.1%	8	8	21	21	0	0	506	519
Alabama	270	305	-11.5%	NM	NM	19	19	0	0	251	286
Kentucky	39	16	139.0%	8	8	0	0	0	0	31	8
Mississippi	139	135	3.0%	0	0	0	0	0	0	139	135
Tennessee	88	91	-3.3%	0	0	2	2	0	0	86	89
West South Central	554	586	-5.4%	0	0	82	117	NM	NM	469	465
Arkansas	135	147	-8.4%	0	0	7	6	NM	NM	127	141
Louisiana	236	211	11.8%	0	0	5	5	0	0	231	206
Oklahoma	28	30	-7.9%	0	0	0	0	0	0	28	30
Texas	155	197	-21.2%	0	0	70	106	NM	NM	83	89
Mountain	70	64	9.1%	2	2	39	35	0	0	29	28
Arizona	18	13	38.3%	2	2	16	11	0	0	0	0
Colorado	5	NM	NM	0	0	5	NM	0	0	0	0
Idaho	41	40	1.3%	0	0	12	13	0	0	29	28
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	2.3%	0	0	5	5	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	837	829	0.9%	61	68	462	441	88	90	225	230
California	586	586	0.1%	15	20	429	405	86	88	57	72
Oregon	86	80	7.3%	6	6	26	28	NM	NM	52	44
Washington	165	164	0.5%	40	42	8	8	0	0	116	114
Pacific Noncontiguous	28	25	8.3%	NM	2	0	0	19	17	8	NM
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	28	25	8.1%	NM	2	0	0	19	17	8	NM
U.S. Total	5,453	5,303	2.8%	377	354	2,363	2,225	233	220	2,480	2,504

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

Table 1.18.B. Net Generation from Biomass

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	5,062	5,032	0.6%	411	439	3,190	2,997	106	98	1,355	1,497
Connecticut	510	448	13.9%	0	0	510	448	0	0	0	0
Maine	2,148	2,260	-5.0%	0	0	1,033	1,055	82	74	1,032	1,131
Massachusetts	1,101	1,144	-3.7%	0	0	778	777	NM	NM	323	366
New Hampshire	942	823	14.4%	222	236	699	566	22	22	0	0
Rhode Island	81	63	27.7%	0	0	81	63	0	0	0	0
Vermont	280	294	-4.5%	189	203	89	89	NM	NM	0	0
Middle Atlantic	3,758	3,616	3.9%	0	0	2,852	2,818	348	353	557	445
New Jersey	649	653	-0.7%	0	0	550	552	98	101	0	0
New York	1,517	1,462	3.8%	0	0	1,183	1,140	164	166	169	155
Pennsylvania	1,592	1,501	6.1%	0	0	1,118	1,125	86	86	388	290
East North Central	3,816	3,932	-3.0%	340	381	2,195	2,268	151	125	1,131	1,158
Illinois	406	423	-3.8%	0	0	406	423	NM	NM	0	0
Indiana	185	215	-13.8%	160	189	0	0	14	15	11	11
Michigan	1,749	1,687	3.7%	0	0	1,115	1,075	128	102	506	510
Ohio	347	474	-26.8%	4	4	132	265	0	0	211	205
Wisconsin	1,128	1,133	-0.5%	176	188	542	505	8	9	402	432
West North Central	1,488	1,460	2.0%	339	344	728	749	60	33	362	332
Iowa	105	101	3.3%	19	20	56	57	16	16	14	9
Kansas	37	38	-1.9%	0	0	37	38	0	0	0	0
Minnesota	1,236	1,234	0.1%	263	267	621	641	8	NM	344	319
Missouri	69	43	60.5%	27	27	14	14	27	0	NM	NM
Nebraska	40	41	-1.4%	30	31	0	0	10	10	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	11,813	10,433	13.2%	1,073	678	3,922	3,381	217	217	6,600	6,157
Delaware	40	41	-1.8%	0	0	40	41	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,210	2,937	9.3%	67	62	1,768	1,447	20	21	1,356	1,407
Georgia	2,701	2,351	14.9%	0	0	391	295	18	18	2,292	2,038
Maryland	372	364	2.3%	0	0	255	252	24	25	93	86
North Carolina	1,615	1,717	-6.0%	0	0	844	848	0	0	771	869
South Carolina	1,459	1,316	10.9%	291	287	13	13	0	0	1,155	1,015
Virginia	2,408	1,699	41.7%	715	328	604	478	155	153	934	740
West Virginia	7	7	-1.7%	0	0	7	7	0	0	0	0
East South Central	4,104	4,081	0.5%	64	65	151	155	0	0	3,889	3,862
Alabama	2,090	2,192	-4.7%	NM	NM	135	138	0	0	1,954	2,053
Kentucky	326	210	55.2%	62	63	0	0	0	0	264	147
Mississippi	1,039	1,020	1.9%	1	0	0	0	0	0	1,038	1,020
Tennessee	649	660	-1.6%	0	0	16	17	0	0	633	643
West South Central	4,156	4,137	0.5%	0	0	634	547	26	25	3,497	3,565
Arkansas	1,053	1,128	-6.6%	0	0	58	58	NM	NM	991	1,066
Louisiana	1,709	1,652	3.4%	0	0	40	41	0	0	1,669	1,611
Oklahoma	213	225	-5.5%	0	0	0	0	0	0	213	225
Texas	1,181	1,132	4.4%	0	0	536	448	22	22	624	662
Mountain	547	514	6.5%	19	18	280	236	0	NM	248	259
Arizona	137	77	77.5%	16	16	121	60	0	NM	0	0
Colorado	41	40	1.9%	3	2	38	39	0	0	0	0
Idaho	322	348	-7.6%	0	0	74	90	0	0	248	259
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	9	9	-0.4%	0	0	9	9	0	0	0	0
Utah	38	39	-1.8%	0	0	38	39	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	6,122	6,104	0.3%	404	427	3,371	3,280	675	682	1,672	1,716
California	4,390	4,382	0.2%	135	151	3,125	3,034	660	666	470	531
Oregon	613	599	2.3%	43	44	187	186	16	16	367	353
Washington	1,119	1,123	-0.4%	225	232	59	60	0	0	835	831
Pacific Noncontiguous	208	194	7.2%	15	14	0	0	130	117	62	63
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	208	193	7.6%	15	14	0	0	130	117	62	62
U.S. Total	41,073	39,502	4.0%	2,664	2,366	17,323	16,431	1,714	1,652	19,373	19,053

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 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	261	6.6%	22	22	256	239	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	8	9	-5.5%	0	0	8	9	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	228	223	1.9%	0	0	228	223	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	41	29	40.5%	22	22	19	7	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,066	1,100	-3.1%	71	69	995	1,030	0	0	0	0
California	1,055	1,091	-3.3%	71	69	984	1,021	0	0	0	0
Oregon	11	9	20.5%	0	0	11	9	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	13	19	-32.9%	0	0	13	19	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	13	19	-32.9%	0	0	13	19	0	0	0	0
U.S. Total	1,357	1,379	-1.7%	93	92	1,264	1,288	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 August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 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	2,295	2,143	7.1%	180	156	2,115	1,987	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	65	69	-4.8%	0	0	65	69	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	1,881	1,864	0.9%	0	0	1,881	1,864	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	336	211	59.6%	180	156	156	55	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	8,344	8,695	-4.0%	563	547	7,782	8,148	0	0	0	0
California	8,228	8,593	-4.2%	563	547	7,666	8,047	0	0	0	0
Oregon	116	101	14.4%	0	0	116	101	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	190	177	7.2%	0	0	190	177	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	190	177	7.2%	0	0	190	177	0	0	0	0
U.S. Total	10,829	11,015	-1.7%	743	703	10,086	10,312	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, August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	50	16	222.0%	NM	NM	48	14	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	44	13	237.5%	NM	NM	42	12	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	99	75	30.8%	7	6	75	56	15	12	NM	NM
New Jersey	79	61	30.1%	7	6	57	42	15	12	NM	NM
New York	9	5	92.6%	0	0	9	5	0	0	0	0
Pennsylvania	10	10	5.9%	0	0	9	9	NM	NM	NM	NM
East North Central	32	15	116.2%	NM	NM	30	13	NM	NM	0	0
Illinois	8	7	12.1%	0	0	8	7	0	0	0	0
Indiana	16	NM	NM	0	0	16	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	8	7	11.2%	NM	NM	6	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	151	85	78.7%	22	20	120	59	9	5	0	0
Delaware	7	7	-2.8%	NM	NM	NM	6	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	27	25	7.6%	19	17	8	7	NM	NM	0	0
Georgia	13	NM	NM	0	0	13	NM	NM	NM	0	0
Maryland	12	8	55.4%	NM	NM	10	6	NM	NM	0	0
North Carolina	92	44	107.4%	NM	NM	83	40	8	NM	0	0
South Carolina	NM	0	--	0	0	NM	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
West South Central	28	20	40.8%	0	0	28	20	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	28	20	40.8%	0	0	28	20	NM	NM	0	0
Mountain	467	320	45.8%	41	29	417	283	8	8	NM	NM
Arizona	275	192	43.2%	31	23	242	167	NM	NM	0	0
Colorado	30	20	51.3%	0	0	28	17	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	102	67	53.0%	0	0	98	63	NM	4	NM	NM
New Mexico	59	41	43.6%	11	6	49	35	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	1,097	463	137.2%	49	51	1,037	402	11	10	NM	NM
California	1,094	460	137.9%	48	50	1,035	400	11	10	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	-52.9%	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	1,937	1,001	93.6%	126	110	1,764	853	45	36	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 August 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	260	83	212.7%	13	NM	246	74	NM	NM	0	0
Connecticut	8	0	--	0	0	8	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	222	70	218.3%	13	NM	209	60	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	10	NM	NM	0	0	10	NM	0	0	0	0
Vermont	19	NM	NM	0	0	19	NM	0	0	0	0
Middle Atlantic	611	460	33.0%	43	39	473	344	87	69	9	NM
New Jersey	481	371	29.8%	43	39	351	262	86	69	NM	NM
New York	62	37	66.3%	0	0	62	37	0	0	0	0
Pennsylvania	68	52	32.1%	0	0	59	45	NM	NM	8	NM
East North Central	206	88	134.4%	11	NM	192	75	NM	NM	0	0
Illinois	54	43	25.7%	0	0	54	43	0	0	0	0
Indiana	98	NM	NM	0	0	98	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	53	42	27.1%	11	NM	39	29	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	10	NM	NM	0	0	10	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	8	0	--	0	0	8	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	945	484	95.4%	148	140	730	328	68	16	0	0
Delaware	46	38	20.7%	NM	NM	39	37	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	180	174	3.3%	127	127	51	46	NM	NM	0	0
Georgia	89	NM	NM	0	0	85	NM	NM	NM	0	0
Maryland	81	47	71.4%	9	NM	67	35	NM	NM	0	0
North Carolina	546	220	148.4%	6	NM	483	209	57	NM	0	0
South Carolina	NM	0	--	0	0	NM	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	26	22	15.8%	0	0	23	20	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	26	22	15.8%	0	0	23	20	NM	NM	0	0
West South Central	190	119	60.3%	0	0	188	117	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	190	119	60.3%	0	0	188	117	NM	NM	0	0
Mountain	3,296	2,255	46.2%	286	208	2,950	1,990	58	54	NM	NM
Arizona	2,100	1,297	61.9%	214	164	1,869	1,120	18	NM	0	0
Colorado	171	141	21.1%	0	0	155	127	16	14	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	660	519	27.2%	0	0	635	490	24	27	NM	NM
New Mexico	362	295	22.6%	72	44	289	251	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	6,765	2,285	196.1%	342	272	6,345	1,950	71	59	NM	NM
California	6,745	2,269	197.2%	335	266	6,333	1,940	71	59	NM	NM
Oregon	19	15	27.9%	NM	NM	13	NM	0	0	0	0
Washington	1	1	-3.5%	1	1	0	0	0	0	0	0
Pacific Noncontiguous	36	20	79.5%	NM	0	33	20	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	36	20	79.5%	NM	0	33	20	0	0	0	0
U.S. Total	12,346	5,818	112.2%	846	677	11,190	4,920	293	206	17	14

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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-August 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,020,523	772,224	240,235	377	7,687
2005	1,041,448	761,349	272,218	377	7,504
2006	1,030,556	753,390	269,412	347	7,408
2007	1,046,795	764,765	276,581	361	5,089
2008	1,042,335	760,326	276,565	369	5,075
2009	934,683	695,615	234,077	317	4,674
2010	979,684	721,431	249,814	314	8,125
2011	934,938	689,316	239,541	347	5,735
2012	825,734	615,467	205,295	307	4,665
2013	860,790	639,290	216,566	309	4,624
2012					
January	70,744	52,338	17,967	29	410
February	62,974	46,908	15,665	27	374
March	57,468	43,413	13,640	26	388
April	51,806	39,920	11,507	23	356
May	62,801	46,900	15,517	22	361
June	71,656	53,708	17,543	26	379
July	86,516	64,433	21,603	28	452
August	82,676	61,480	20,730	28	439
Sept	69,478	51,516	17,558	24	381
October	66,486	49,060	17,044	21	361
November	69,913	51,276	18,245	25	366
December	73,217	54,516	18,275	27	398
2013					
January	74,985	55,784	18,811	31	359
February	67,141	49,137	17,629	28	347
March	70,395	52,109	17,863	29	393
April	60,899	45,635	14,899	23	342
May	64,737	48,361	15,956	26	394
June	75,178	56,074	18,665	28	410
July	83,223	61,415	21,335	28	444
August	81,984	61,498	20,055	26	404
Sept	72,704	53,246	19,047	23	388
October	66,359	49,556	16,412	20	371
November	65,902	49,712	15,797	22	371
December	77,283	56,761	20,096	25	401
2014					
January	83,710	62,409	20,839	34	429
February	76,350	56,180	19,747	32	391
March	72,320	52,911	18,970	29	410
April	58,747	42,240	16,142	21	344
May	64,097	47,905	15,797	20	375
June	74,579	56,672	17,468	24	415
July	81,631	61,327	19,853	24	428
August	81,210	61,262	19,509	22	418
Year to Date					
2012	546,641	409,099	134,173	209	3,159
2013	578,541	430,015	145,215	219	3,093
2014	592,645	440,905	148,324	206	3,210
Rolling 12 Months Ending in August					
2013	857,634	636,382	216,337	316	4,599
2014	874,894	650,180	219,676	297	4,741

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-August 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
Year to Date					
2012	13,031	0	1,879	768	10,384
2013	12,364	0	1,734	742	9,888
2014	12,170	0	1,661	719	9,790
Rolling 12 Months Ending in August					
2013	18,666	0	2,644	1,117	14,905
2014	18,393	0	2,421	1,081	14,891

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-August 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
Year to Date					
2012	559,672	409,099	136,052	977	13,543
2013	590,905	430,015	146,949	960	12,981
2014	604,815	440,905	149,984	926	13,000
Rolling 12 Months Ending in August					
2013	876,300	636,382	218,981	1,433	19,503
2014	893,287	650,180	222,096	1,378	19,632

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-August 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
Year to Date					
2012	15,599	12,243	2,693	186	478
2013	15,718	11,391	3,757	217	354
2014	24,837	14,565	9,453	442	377
Rolling 12 Months Ending in August					
2013	22,723	16,668	5,175	NM	578
2014	31,870	19,604	11,211	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-August 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
Year to Date					
2012	2,163	0	656	101	1,405
2013	2,039	0	675	104	1,260
2014	2,509	0	825	214	1,470
Rolling 12 Months Ending in August					
2013	2,973	0	1,010	NM	1,839
2014	3,409	0	1,194	NM	1,957

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-August 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
Year to Date					
2012	17,762	12,243	3,348	287	1,883
2013	17,757	11,391	4,431	320	1,614
2014	27,346	14,565	10,277	656	1,847
Rolling 12 Months Ending in August					
2013	25,697	16,668	6,185	NM	2,416
2014	35,279	19,604	12,405	NM	2,482

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

Table 2.3.A. Petroleum Coke: Consumption for Electricity Generation, by Sector, 2004-August 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
Year to Date					
2012	2,459	1,424	521	1	512
2013	3,345	2,304	539	1	501
2014	3,106	2,366	422	1	317
Rolling 12 Months Ending in August					
2013	4,561	2,985	774	1	800
2014	4,653	3,471	681	2	499

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 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-August 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
Year to Date					
2012	874	0	76	6	791
2013	724	0	73	6	645
2014	495	0	54	9	433
Rolling 12 Months Ending in August					
2013	1,196	0	110	11	1,075
2014	916	0	90	14	812

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-August 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
Year to Date					
2012	3,332	1,424	597	7	1,304
2013	4,069	2,304	613	7	1,146
2014	3,601	2,366	475	10	749
Rolling 12 Months Ending in August					
2013	5,758	2,985	885	12	1,875
2014	5,569	3,471	770	16	1,312

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-August 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
Year to Date					
2012	6,707,400	2,896,139	3,344,446	44,531	422,284
2013	5,746,599	2,556,340	2,731,844	39,762	418,653
2014	5,634,466	2,499,391	2,699,652	40,092	395,330
Rolling 12 Months Ending in August					
2013	8,523,909	3,762,128	4,073,658	58,347	629,776
2014	8,400,349	3,714,547	4,020,929	59,946	604,927

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-August 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
Year to Date					
2012	597,983	0	219,178	31,967	346,838
2013	592,953	0	219,429	30,455	343,070
2014	592,140	0	223,321	30,771	338,048
Rolling 12 Months Ending in August					
2013	881,073	0	322,858	46,370	511,845
2014	893,462	0	332,560	47,290	513,612

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

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

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	6,726,679	1,809,443	3,654,320	72,072	1,190,844
2005	7,020,709	2,134,859	3,734,286	67,957	1,083,607
2006	7,404,432	2,478,396	3,743,704	67,735	1,114,597
2007	7,961,922	2,736,418	4,104,991	70,074	1,050,439
2008	7,689,380	2,730,134	3,938,245	66,216	954,785
2009	7,937,856	2,911,279	3,961,254	75,555	989,769
2010	8,501,960	3,290,993	4,096,192	85,786	1,028,990
2011	8,723,546	3,446,087	4,127,777	87,026	1,062,657
2012	10,370,812	4,101,927	5,008,867	110,999	1,149,020
2013	9,406,758	3,771,496	4,381,789	106,589	1,146,884
2012					
January	752,291	285,194	363,628	9,137	94,331
February	742,237	274,977	369,553	8,824	88,883
March	773,857	295,548	378,550	8,872	90,887
April	813,147	321,202	393,136	8,528	90,281
May	916,260	376,968	435,499	8,806	94,988
June	987,291	403,071	476,810	9,637	97,774
July	1,200,988	492,043	589,645	12,110	107,190
August	1,119,312	447,137	556,802	10,585	104,789
Sept	907,466	358,829	443,759	9,306	95,572
October	771,333	304,811	364,384	8,626	93,512
November	680,920	265,122	314,624	8,281	92,894
December	705,710	277,026	322,476	8,288	97,920
2013					
January	739,658	288,189	340,572	9,392	101,505
February	664,377	260,059	304,745	8,530	91,044
March	708,120	279,997	321,266	8,817	98,039
April	658,937	256,764	304,715	7,855	89,604
May	714,497	284,120	328,884	8,156	93,336
June	834,799	347,318	386,674	8,257	92,549
July	1,012,781	414,301	491,567	9,706	97,206
August	1,006,384	425,592	472,850	9,504	98,439
Sept	848,867	348,801	400,578	8,411	91,076
October	737,665	295,788	340,497	8,381	92,998
November	703,981	267,622	330,570	9,241	96,549
December	776,693	302,944	358,872	10,339	104,538
2014					
January	772,340	307,815	353,708	9,707	101,110
February	651,439	246,663	307,578	8,872	88,326
March	662,391	254,506	302,868	8,612	96,405
April	644,688	255,447	293,448	8,190	87,603
May	741,810	316,903	330,176	8,315	86,416
June	815,148	333,070	385,798	8,555	87,725
July	941,007	376,959	462,854	9,066	92,128
August	997,783	408,028	486,543	9,547	93,665
Year to Date					
2012	7,305,383	2,896,139	3,563,624	76,498	769,122
2013	6,339,552	2,556,340	2,951,273	70,216	761,723
2014	6,226,605	2,499,391	2,922,973	70,863	733,378
Rolling 12 Months Ending in August					
2013	9,404,982	3,762,128	4,396,516	104,717	1,141,621
2014	9,293,811	3,714,547	4,353,489	107,236	1,118,539

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.A. Landfill Gas: Consumption for Electricity Generation, by Sector, 2004-August 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
Year to Date					
2012	168,248	16,656	132,263	17,642	1,687
2013	196,167	20,435	155,506	18,108	2,117
2014	189,817	19,835	150,229	17,719	2,034
Rolling 12 Months Ending in August					
2013	284,294	28,972	225,208	27,138	NM
2014	291,846	30,447	230,727	27,506	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-August 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
Year to Date					
2012	2,128	0	1,858	229	41
2013	3,222	0	2,814	320	89
2014	2,858	0	2,496	294	68
Rolling 12 Months Ending in August					
2013	4,284	0	3,743	431	NM
2014	4,429	0	3,854	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-August 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
Year to Date					
2012	170,376	16,656	134,121	17,871	1,727
2013	199,390	20,435	158,320	18,428	2,207
2014	192,675	19,835	152,725	18,013	2,102
Rolling 12 Months Ending in August					
2013	288,578	28,972	228,951	27,569	NM
2014	296,275	30,447	234,581	27,973	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-August 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
Year to Date					
2012	11,322	285	9,489	1,540	8
2013	10,534	303	8,763	1,463	5
2014	10,523	299	8,752	1,467	6
Rolling 12 Months Ending in August					
2013	16,181	435	13,509	2,226	NM
2014	15,864	452	13,180	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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Table 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output, by Sector, 2004-August 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
Year to Date					
2012	1,318	0	346	844	128
2013	1,335	0	404	819	112
2014	1,304	0	407	789	108
Rolling 12 Months Ending in August					
2013	2,003	0	580	1,249	NM
2014	1,955	0	620	1,170	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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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-August 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
Year to Date					
2012	12,640	285	9,835	2,384	136
2013	11,869	303	9,168	2,282	117
2014	11,827	299	9,159	2,255	114
Rolling 12 Months Ending in August					
2013	18,184	435	14,090	3,475	NM
2014	17,819	452	13,800	3,393	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, August 2014 and August 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	23	92	-76.0%	1	14	20	77	0	0	1	1
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	1	1	-11.0%	0	0	0	0	0	0	0	0
Massachusetts	21	77	-73.0%	0	0	20	77	0	0	1	1
New Hampshire	1	14	-91.0%	1	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	3,193	3,653	-13.0%	NM	NM	3,166	3,632	0	1	25	20
New Jersey	81	67	20.0%	0	0	81	67	0	0	0	0
New York	116	136	-15.0%	NM	NM	108	129	0	0	6	6
Pennsylvania	2,996	3,450	-13.0%	0	0	2,977	3,436	0	1	19	14
East North Central	18,126	18,204	-0.4%	12,911	13,134	5,115	4,974	6	8	94	88
Illinois	4,921	4,821	2.1%	537	553	4,326	4,213	NM	NM	58	53
Indiana	4,623	4,174	11.0%	4,366	3,965	252	204	3	4	1	1
Michigan	2,999	3,047	-1.6%	2,965	3,009	20	21	1	3	12	13
Ohio	3,373	3,972	-15.0%	2,851	3,431	517	535	NM	NM	5	6
Wisconsin	2,210	2,191	0.9%	2,192	2,175	0	0	NM	NM	18	16
West North Central	13,664	13,542	0.9%	13,521	13,407	0	0	6	6	138	128
Iowa	2,233	2,217	0.7%	2,154	2,141	0	0	4	5	75	71
Kansas	1,845	1,897	-2.8%	1,845	1,897	0	0	0	0	0	0
Minnesota	1,647	1,317	25.0%	1,617	1,290	0	0	0	0	30	27
Missouri	4,312	4,220	2.2%	4,308	4,215	0	0	2	2	2	3
Nebraska	1,487	1,530	-2.9%	1,464	1,510	0	0	0	0	23	20
North Dakota	2,002	2,173	-7.9%	1,995	2,166	0	0	0	0	7	7
South Dakota	138	187	-26.0%	138	187	0	0	0	0	0	0
South Atlantic	11,222	11,385	-1.4%	9,538	9,456	1,630	1,873	2	3	52	54
Delaware	NM	74	NM	0	0	NM	74	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,202	2,100	4.9%	2,118	2,020	80	75	0	0	4	5
Georgia	2,207	2,188	0.9%	2,200	2,180	0	0	0	0	7	8
Maryland	456	608	-25.0%	0	0	451	603	NM	NM	3	3
North Carolina	1,713	1,931	-11.0%	1,647	1,855	62	71	0	0	4	5
South Carolina	1,088	924	18.0%	1,084	919	0	0	0	0	4	5
Virginia	900	928	-3.1%	836	878	56	39	NM	NM	7	11
West Virginia	2,654	2,632	0.8%	1,652	1,604	979	1,011	0	0	23	17
East South Central	8,639	8,375	3.1%	8,292	8,007	327	341	NM	1	19	26
Alabama	2,443	2,424	0.8%	2,440	2,419	0	0	0	0	3	5
Kentucky	3,660	3,654	0.2%	3,660	3,654	0	0	0	0	0	0
Mississippi	752	651	15.0%	424	311	327	341	0	0	0	0
Tennessee	1,784	1,646	8.3%	1,767	1,624	0	0	NM	1	16	22
West South Central	15,326	15,624	-1.9%	7,841	7,959	7,468	7,644	0	0	17	20
Arkansas	1,839	1,955	-5.9%	1,639	1,705	199	248	0	0	1	1
Louisiana	1,442	1,358	6.2%	794	712	648	646	0	0	0	0
Oklahoma	1,912	1,899	0.6%	1,773	1,775	122	106	0	0	17	19
Texas	10,134	10,411	-2.7%	3,635	3,767	6,499	6,645	0	0	0	0
Mountain	10,157	10,148	0.1%	8,927	9,265	1,167	824	0	0	63	58
Arizona	2,189	2,118	3.4%	2,189	2,118	0	0	0	0	0	0
Colorado	1,766	1,795	-1.6%	1,762	1,791	3	4	0	0	NM	NM
Idaho	2	1	7.2%	0	0	0	0	0	0	2	1
Montana	1,038	708	47.0%	NM	NM	1,014	684	0	0	NM	NM
Nevada	319	322	-1.1%	238	256	80	66	0	0	0	0
New Mexico	973	1,222	-20.0%	973	1,222	0	0	0	0	0	0
Utah	1,448	1,389	4.3%	1,375	1,318	NM	NM	0	0	43	41
Wyoming	2,422	2,593	-6.6%	2,365	2,537	NM	NM	0	0	17	15
Pacific Contiguous	755	853	-12.0%	215	238	533	609	0	0	7	7
California	45	52	-12.0%	0	0	39	46	0	0	6	6
Oregon	215	238	-9.6%	215	238	0	0	0	0	0	0
Washington	495	564	-12.0%	0	0	494	563	0	0	1	1
Pacific Noncontiguous	106	107	-1.3%	15	17	82	80	7	8	NM	NM
Alaska	40	41	-3.1%	15	17	18	16	7	8	0	0
Hawaii	66	66	-0.1%	0	0	64	64	0	0	NM	NM
U.S. Total	81,210	81,984	-0.9%	61,262	61,498	19,509	20,055	22	26	418	404

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 August 2014 and August 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	1,966	2,006	-2.0%	432	486	1,523	1,510	0	0	11	10
Connecticut	420	262	60.0%	0	0	420	262	0	0	0	0
Maine	14	10	43.0%	0	0	8	5	0	0	6	5
Massachusetts	1,100	1,247	-12.0%	0	0	1,095	1,243	0	0	5	4
New Hampshire	432	486	-11.0%	432	486	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	30,293	31,587	-4.1%	NM	NM	30,071	31,407	5	4	202	165
New Jersey	876	624	40.0%	0	0	876	624	0	0	0	0
New York	1,885	1,779	6.0%	NM	NM	1,825	1,722	0	0	45	47
Pennsylvania	27,531	29,184	-5.7%	0	0	27,370	29,061	5	4	157	118
East North Central	131,998	130,524	1.1%	93,539	93,183	37,638	36,556	57	67	764	718
Illinois	35,247	34,583	1.9%	3,853	4,321	30,937	29,829	13	17	444	415
Indiana	34,123	30,947	10.0%	32,323	29,138	1,766	1,774	24	26	10	9
Michigan	20,455	21,263	-3.8%	20,167	20,977	164	157	18	21	106	107
Ohio	27,238	27,765	-1.9%	22,411	22,915	4,770	4,797	1	1	56	53
Wisconsin	14,934	15,966	-6.5%	14,785	15,831	0	0	1	1	149	134
West North Central	94,686	93,746	1.0%	93,528	92,644	0	0	54	56	1,104	1,046
Iowa	14,035	14,288	-1.8%	13,388	13,668	0	0	38	35	609	584
Kansas	12,812	12,871	-0.5%	12,812	12,871	0	0	0	0	0	0
Minnesota	11,290	9,100	24.0%	11,056	8,883	0	0	0	0	234	217
Missouri	30,297	30,390	-0.3%	30,254	30,346	0	0	16	21	27	24
Nebraska	10,258	10,487	-2.2%	10,081	10,320	0	0	0	0	177	167
North Dakota	14,748	15,308	-3.7%	14,692	15,254	0	0	0	0	57	54
South Dakota	1,245	1,302	-4.3%	1,245	1,302	0	0	0	0	0	0
South Atlantic	89,530	78,504	14.0%	74,546	64,791	14,541	13,294	23	23	420	397
Delaware	381	481	-21.0%	0	0	381	481	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	15,513	13,873	12.0%	15,073	13,474	411	368	0	0	29	31
Georgia	17,086	13,806	24.0%	17,014	13,734	0	0	0	0	72	72
Maryland	5,594	4,542	23.0%	0	0	5,551	4,502	14	14	30	26
North Carolina	14,276	13,130	8.7%	13,816	12,647	424	444	5	5	31	33
South Carolina	8,438	6,658	27.0%	8,392	6,617	0	0	0	0	45	42
Virginia	6,511	6,508	0.1%	5,934	6,071	503	358	NM	4	71	76
West Virginia	21,730	19,507	11.0%	14,316	12,248	7,272	7,141	0	0	142	117
East South Central	61,882	59,109	4.7%	59,545	56,864	2,142	2,037	4	4	191	203
Alabama	16,924	16,205	4.4%	16,891	16,170	NM	0	0	0	32	35
Kentucky	26,615	26,686	-0.3%	26,615	26,686	0	0	0	0	0	0
Mississippi	5,065	3,980	27.0%	2,924	1,943	2,141	2,037	0	0	0	0
Tennessee	13,279	12,238	8.5%	13,115	12,066	0	0	4	4	159	168
West South Central	105,698	103,096	2.5%	53,821	53,134	51,752	49,829	0	0	125	134
Arkansas	13,526	12,774	5.9%	12,183	11,171	1,332	1,587	0	0	10	16
Louisiana	8,492	9,603	-12.0%	3,388	4,602	5,101	5,000	0	0	NM	NM
Oklahoma	13,143	12,440	5.7%	12,246	11,614	784	710	0	0	113	116
Texas	70,537	68,279	3.3%	26,003	25,747	44,534	42,533	0	0	0	0
Mountain	71,832	75,358	-4.7%	64,319	67,492	7,180	7,513	0	0	333	354
Arizona	15,280	15,421	-0.9%	15,280	15,421	0	0	0	0	0	0
Colorado	12,292	12,780	-3.8%	12,268	12,754	21	22	0	0	3	3
Idaho	12	11	6.4%	0	0	0	0	0	0	12	11
Montana	6,314	6,622	-4.7%	159	168	6,148	6,448	0	0	7	6
Nevada	2,584	2,082	24.0%	2,059	1,588	525	494	0	0	0	0
New Mexico	7,948	9,699	-18.0%	7,948	9,699	0	0	0	0	0	0
Utah	9,946	10,250	-3.0%	9,557	9,795	207	246	0	0	182	209
Wyoming	17,456	18,493	-5.6%	17,050	18,067	278	303	0	0	128	123
Pacific Contiguous	3,954	3,845	2.8%	1,038	1,293	2,868	2,498	0	0	48	54
California	244	289	-16.0%	0	0	203	240	0	0	40	49
Oregon	1,038	1,293	-20.0%	1,038	1,293	0	0	0	0	0	0
Washington	2,672	2,262	18.0%	0	0	2,665	2,257	0	0	7	5
Pacific Noncontiguous	807	766	5.4%	123	118	610	570	62	65	12	13
Alaska	324	320	1.0%	123	118	138	137	62	65	0	0
Hawaii	484	446	8.5%	0	0	472	433	0	0	12	13
U.S. Total	592,645	578,541	2.4%	440,905	430,015	148,324	145,215	206	219	3,210	3,093

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	81	51	59.0%	6	10	69	36	NM	5	NM	1
Connecticut	22	17	26.0%	NM	NM	21	16	NM	NM	NM	NM
Maine	27	14	89.0%	NM	NM	26	14	NM	NM	NM	0
Massachusetts	25	9	175.0%	NM	1	22	6	NM	NM	NM	1
New Hampshire	NM	6	NM	2	5	NM	NM	NM	1	NM	NM
Rhode Island	NM	3	NM	2	3	0	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	119	116	2.9%	19	44	94	65	NM	NM	6	5
New Jersey	24	8	205.0%	NM	NM	24	7	NM	NM	NM	NM
New York	50	63	-20.0%	18	44	26	14	NM	NM	6	5
Pennsylvania	45	45	-0.4%	NM	NM	44	44	NM	NM	NM	0
East North Central	114	94	22.0%	87	71	26	19	NM	1	1	2
Illinois	14	12	21.0%	4	4	10	8	NM	NM	NM	NM
Indiana	22	24	-8.1%	20	22	NM	NM	NM	NM	1	1
Michigan	24	19	25.0%	23	18	0	0	0	1	NM	0
Ohio	46	33	40.0%	31	21	14	11	NM	NM	NM	0
Wisconsin	9	6	40.0%	8	6	1	1	NM	NM	NM	NM
West North Central	41	41	0.0%	40	40	NM	NM	NM	NM	NM	0
Iowa	7	16	-55.0%	7	15	NM	NM	NM	NM	NM	NM
Kansas	10	5	95.0%	10	5	0	0	0	0	0	0
Minnesota	3	3	14.0%	3	2	NM	NM	NM	NM	NM	NM
Missouri	13	6	104.0%	13	6	NM	NM	NM	NM	0	0
Nebraska	3	3	-8.1%	3	3	0	0	0	0	0	0
North Dakota	3	4	-16.0%	3	4	0	0	NM	NM	NM	NM
South Dakota	1	3	-73.0%	1	3	NM	NM	NM	NM	0	0
South Atlantic	277	342	-19.0%	230	297	30	22	NM	10	7	13
Delaware	5	NM	NM	NM	NM	5	1	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	87	140	-38.0%	84	136	NM	NM	0	0	3	3
Georgia	13	17	-20.0%	11	10	NM	NM	NM	NM	2	7
Maryland	26	22	19.0%	NM	NM	15	11	NM	10	0	0
North Carolina	27	24	13.0%	25	22	NM	NM	NM	NM	NM	NM
South Carolina	NM	14	NM	NM	13	2	0	NM	NM	1	1
Virginia	89	97	-8.8%	81	89	NM	7	0	NM	NM	1
West Virginia	15	27	-43.0%	15	26	1	0	0	0	0	0
East South Central	48	60	-19.0%	43	53	NM	NM	NM	NM	5	6
Alabama	10	14	-25.0%	5	8	NM	NM	0	0	5	6
Kentucky	26	15	69.0%	26	15	0	0	0	0	0	0
Mississippi	NM	1	NM	NM	1	0	0	0	0	0	0
Tennessee	10	29	-65.0%	10	29	0	0	NM	NM	NM	NM
West South Central	25	18	42.0%	11	8	13	9	NM	NM	1	NM
Arkansas	5	2	119.0%	1	2	4	0	0	0	1	0
Louisiana	8	6	32.0%	4	2	4	3	0	0	0	0
Oklahoma	2	1	163.0%	2	1	0	0	NM	NM	NM	NM
Texas	11	9	20.0%	5	3	5	5	NM	NM	NM	NM
Mountain	37	35	3.5%	33	29	3	6	NM	NM	NM	NM
Arizona	3	5	-34.0%	3	5	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	3	5	-46.0%	NM	NM	3	5	0	0	0	0
Nevada	3	3	-20.0%	2	2	0	1	0	0	0	0
New Mexico	13	10	31.0%	13	10	NM	NM	0	0	NM	NM
Utah	3	7	-60.0%	2	6	NM	NM	0	0	NM	NM
Wyoming	11	4	164.0%	11	4	0	0	0	0	NM	NM
Pacific Contiguous	14	11	27.0%	8	7	NM	NM	NM	NM	1	2
California	9	8	12.0%	7	6	NM	NM	NM	NM	NM	1
Oregon	1	0	204.0%	1	0	0	0	NM	NM	0	0
Washington	4	3	40.0%	NM	1	2	NM	NM	NM	1	1
Pacific Noncontiguous	1,010	1,007	0.3%	870	863	123	130	NM	2	16	13
Alaska	106	111	-4.3%	98	101	0	0	NM	1	7	8
Hawaii	904	897	0.8%	772	761	123	130	0	1	9	5
U.S. Total	1,767	1,775	-0.5%	1,347	1,422	361	289	18	19	40	44

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	3,467	1,269	173.0%	462	225	2,827	960	132	59	46	25
Connecticut	859	397	117.0%	NM	4	839	388	NM	NM	NM	NM
Maine	488	338	44.0%	NM	NM	459	322	NM	NM	18	10
Massachusetts	1,534	354	333.0%	226	91	1,228	226	NM	26	16	10
New Hampshire	448	118	278.0%	204	107	220	NM	NM	11	NM	NM
Rhode Island	90	40	126.0%	5	15	82	24	NM	NM	0	0
Vermont	NM	NM	NM	NM	8	0	0	NM	NM	0	0
Middle Atlantic	5,269	2,051	157.0%	1,553	766	3,621	1,220	NM	NM	61	52
New Jersey	725	143	407.0%	NM	NM	712	135	NM	NM	NM	NM
New York	3,413	1,436	138.0%	1,545	760	1,789	618	NM	NM	52	48
Pennsylvania	1,130	472	139.0%	NM	NM	1,120	466	NM	NM	NM	NM
East North Central	1,105	812	36.0%	772	658	308	141	NM	NM	22	11
Illinois	124	102	22.0%	NM	37	78	64	NM	NM	NM	NM
Indiana	204	171	19.0%	192	165	NM	NM	NM	NM	12	6
Michigan	191	185	3.1%	184	180	0	0	2	1	5	4
Ohio	500	305	64.0%	272	231	223	73	NM	NM	NM	NM
Wisconsin	85	49	74.0%	77	44	7	4	NM	NM	1	NM
West North Central	537	415	30.0%	512	407	22	4	NM	NM	2	2
Iowa	95	118	-20.0%	92	115	NM	2	NM	NM	NM	NM
Kansas	78	73	6.4%	78	73	0	0	0	0	0	0
Minnesota	98	32	209.0%	77	29	19	1	NM	NM	1	1
Missouri	179	101	77.0%	179	101	NM	NM	NM	NM	0	0
Nebraska	43	34	26.0%	43	34	0	0	0	0	0	0
North Dakota	30	41	-27.0%	29	40	0	0	NM	NM	1	1
South Dakota	14	15	-6.6%	14	15	NM	NM	NM	NM	0	0
South Atlantic	5,734	2,237	156.0%	3,918	1,708	1,463	308	NM	130	91	91
Delaware	254	36	610.0%	NM	NM	254	34	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	908	713	27.0%	872	682	NM	NM	0	0	27	24
Georgia	272	126	115.0%	185	92	59	NM	NM	NM	26	32
Maryland	1,020	321	218.0%	NM	8	749	185	NM	127	0	0
North Carolina	732	261	181.0%	667	244	51	10	NM	NM	14	6
South Carolina	499	153	225.0%	459	141	25	0	NM	NM	15	13
Virginia	1,853	443	318.0%	1,569	359	273	68	1	1	9	16
West Virginia	197	183	7.6%	154	181	43	2	0	0	0	0
East South Central	648	455	42.0%	575	410	23	NM	NM	NM	49	44
Alabama	185	120	54.0%	114	78	23	NM	0	0	48	41
Kentucky	192	150	28.0%	192	150	0	0	0	0	0	0
Mississippi	NM	17	NM	NM	15	0	0	0	0	0	2
Tennessee	252	167	51.0%	251	167	0	0	NM	NM	NM	NM
West South Central	247	352	-30.0%	113	203	123	129	NM	NM	10	19
Arkansas	28	165	-83.0%	16	144	9	20	0	0	3	1
Louisiana	62	65	-4.5%	22	17	35	31	0	0	5	17
Oklahoma	17	11	47.0%	16	11	0	0	NM	NM	NM	NM
Texas	140	110	27.0%	59	30	78	78	NM	NM	NM	NM
Mountain	310	260	19.0%	277	232	30	25	NM	NM	3	3
Arizona	82	51	62.0%	82	51	0	0	NM	NM	0	0
Colorado	NM	15	NM	NM	15	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	26	20	32.0%	NM	NM	26	20	0	0	0	0
Nevada	18	21	-13.0%	16	17	2	4	0	0	0	0
New Mexico	84	61	37.0%	84	61	NM	NM	0	0	NM	NM
Utah	38	43	-11.0%	37	42	NM	NM	0	0	NM	NM
Wyoming	47	49	-3.8%	45	47	0	0	0	0	2	2
Pacific Contiguous	101	103	-1.9%	59	52	27	24	NM	NM	14	26
California	59	59	-0.3%	40	38	15	NM	NM	NM	NM	8
Oregon	NM	NM	NM	12	8	0	0	NM	NM	0	0
Washington	30	36	-16.0%	NM	NM	12	12	NM	NM	11	19
Pacific Noncontiguous	7,420	7,764	-4.4%	6,323	6,730	1,010	945	9	10	79	80
Alaska	744	807	-7.8%	711	755	0	0	6	6	27	46
Hawaii	6,676	6,957	-4.0%	5,611	5,975	1,010	945	3	4	51	34
U.S. Total	24,837	15,718	58.0%	14,565	11,391	9,453	3,757	442	217	377	354

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 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	104	100	3.9%	64	45	33	48	0	0	7	7
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	26	40	-36.0%	26	40	0	0	0	0	0	0
Michigan	37	6	523.0%	33	0	1	3	0	0	NM	3
Ohio	31	45	-30.0%	0	0	31	45	0	0	NM	1
Wisconsin	10	9	14.0%	6	5	0	0	0	0	4	4
West North Central	0	0	56.0%	0	0	0	0	0	0	0	0
Iowa	0	0	56.0%	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	3	109	-97.0%	0	107	0	0	0	0	3	2
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	107	-100.0%	0	107	0	0	0	0	0	0
Georgia	3	2	16.0%	0	0	0	0	0	0	3	2
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	55	40	37.0%	55	40	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	55	40	37.0%	55	40	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	184	222	-17.0%	167	141	0	31	0	0	17	51
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	176	155	14.0%	167	141	0	0	0	0	NM	14
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	8	67	-87.0%	0	0	0	31	0	0	8	36
Mountain	16	13	22.0%	0	0	16	13	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	16	13	22.0%	0	0	16	13	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	369	495	-26.0%	286	332	51	94	0	0	32	69

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 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	58	52	11.0%	0	0	0	0	0	0	58	52
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	32	34	-5.2%	0	0	0	0	0	0	32	34
East North Central	859	682	26.0%	485	268	324	364	0	0	50	50
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	212	248	-14.0%	212	248	0	0	0	0	0	0
Michigan	275	42	558.0%	235	0	16	24	0	0	23	18
Ohio	309	342	-9.7%	0	0	307	340	0	0	2	2
Wisconsin	63	49	27.0%	37	20	0	0	0	0	25	29
West North Central	1	1	61.0%	0	0	0	0	1	1	0	0
Iowa	1	1	61.0%	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	464	580	-20.0%	442	554	0	0	0	0	22	26
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	554	-20.0%	442	554	0	0	0	0	0	0
Georgia	22	26	-15.0%	0	0	0	0	0	0	22	26
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	261	342	-24.0%	261	342	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	261	342	-24.0%	261	342	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	1,558	-12.0%	1,178	1,140	0	45	0	0	187	373
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,274	1,227	3.8%	1,178	1,140	0	0	0	0	96	86
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	91	332	-73.0%	0	0	0	45	0	0	91	287
Mountain	91	110	-17.0%	0	0	91	110	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	91	110	-17.0%	0	0	91	110	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	20	NM	0	0	NM	20	0	0	0	0
California	NM	20	NM	0	0	NM	20	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	3,106	3,345	-7.2%	2,366	2,304	422	539	1	1	317	501

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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, August 2014 and August 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	39,743	42,137	-5.7%	458	279	37,314	39,268	806	818	1,164	1,772
Connecticut	11,199	10,439	7.3%	4	9	10,538	9,791	383	377	274	262
Maine	2,772	3,028	-8.5%	0	0	1,998	1,627	NM	NM	746	1,373
Massachusetts	16,775	19,645	-15.0%	421	185	15,897	18,985	325	350	NM	125
New Hampshire	3,312	3,664	-9.6%	30	81	3,256	3,557	NM	NM	NM	NM
Rhode Island	5,683	5,359	6.0%	0	0	5,626	5,309	NM	NM	0	0
Vermont	3	3	-16.0%	3	3	0	0	0	0	0	0
Middle Atlantic	109,370	99,690	9.7%	12,213	12,488	95,810	85,611	657	698	690	892
New Jersey	23,607	21,338	11.0%	0	NM	23,353	20,838	NM	131	NM	342
New York	45,853	43,583	5.2%	12,210	12,458	33,065	30,508	414	454	165	163
Pennsylvania	39,909	34,768	15.0%	NM	2	39,392	34,266	NM	NM	397	387
East North Central	47,057	49,577	-5.1%	16,341	19,207	28,440	28,141	1,297	1,281	979	947
Illinois	6,513	7,400	-12.0%	653	796	4,894	5,654	725	734	242	215
Indiana	5,967	8,359	-29.0%	3,384	5,788	2,273	2,296	NM	30	278	245
Michigan	9,083	10,724	-15.0%	3,022	3,515	5,546	6,624	211	213	304	373
Ohio	19,200	15,305	25.0%	6,030	4,439	12,789	10,494	NM	289	NM	83
Wisconsin	6,293	7,789	-19.0%	3,252	4,669	2,938	3,074	NM	NM	NM	31
West North Central	14,301	17,600	-19.0%	12,525	15,395	1,409	1,774	219	241	148	189
Iowa	2,072	2,221	-6.7%	2,046	2,206	NM	NM	NM	NM	NM	NM
Kansas	2,905	3,053	-4.9%	2,810	2,951	0	0	0	0	95	103
Minnesota	3,482	6,146	-43.0%	3,105	4,679	252	1,292	NM	NM	NM	46
Missouri	4,414	3,738	18.0%	3,149	3,147	1,156	482	107	109	NM	NM
Nebraska	717	1,419	-50.0%	709	1,399	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	0	0	0	0	0	NM	NM
South Dakota	707	1,013	-30.0%	707	1,013	0	0	0	0	0	0
South Atlantic	202,969	193,426	4.9%	158,359	153,279	42,277	37,475	NM	307	1,966	2,365
Delaware	6,183	5,159	20.0%	NM	8	5,303	4,149	0	0	870	1,001
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	113,849	107,672	5.7%	104,016	98,804	9,094	8,075	NM	NM	719	772
Georgia	33,103	28,323	17.0%	21,552	20,163	11,399	7,841	0	0	152	320
Maryland	3,415	1,892	80.0%	0	0	3,128	1,670	NM	185	NM	37
North Carolina	20,665	19,570	5.6%	14,351	13,080	6,268	6,424	0	3	45	63
South Carolina	9,340	10,463	-11.0%	8,434	8,261	871	2,146	NM	NM	NM	55
Virginia	15,652	20,003	-22.0%	9,972	12,963	5,572	6,931	0	0	109	109
West Virginia	666	247	170.0%	24	0	643	239	0	0	0	7
East South Central	67,007	67,468	-0.7%	33,213	38,538	31,561	26,582	NM	139	2,093	2,210
Alabama	35,808	34,079	5.1%	8,180	10,549	27,002	22,853	0	0	626	677
Kentucky	1,229	1,354	-9.3%	1,020	920	58	264	0	0	151	171
Mississippi	24,522	28,175	-13.0%	18,760	23,351	4,502	3,464	NM	NM	1,252	1,351
Tennessee	5,448	3,859	41.0%	5,253	3,718	0	0	NM	130	64	11
West South Central	261,587	269,989	-3.1%	84,845	95,789	138,964	134,493	596	609	37,182	39,099
Arkansas	7,457	9,633	-23.0%	1,520	3,904	5,820	5,624	NM	NM	117	104
Louisiana	47,956	46,838	2.4%	25,209	23,130	7,528	7,742	NM	NM	15,199	15,945
Oklahoma	26,069	31,040	-16.0%	17,172	22,226	8,830	8,755	NM	NM	48	42
Texas	180,105	182,478	-1.3%	40,944	46,529	116,787	112,372	556	570	21,818	23,007
Mountain	73,903	79,911	-7.5%	46,939	45,945	26,127	32,582	254	274	582	1,110
Arizona	28,080	32,668	-14.0%	12,698	14,197	15,292	18,380	NM	90	0	0
Colorado	8,503	9,671	-12.0%	5,254	5,236	3,243	4,406	0	13	NM	NM
Idaho	2,801	3,234	-13.0%	1,683	1,958	1,098	1,245	0	0	NM	31
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	18,819	19,138	-1.7%	14,983	13,896	3,761	4,993	NM	NM	NM	192
New Mexico	8,309	8,611	-3.5%	6,127	5,913	2,126	2,627	NM	71	0	0
Utah	6,555	5,616	17.0%	5,622	4,078	544	850	NM	NM	342	646
Wyoming	287	345	-17.0%	NM	NM	NM	NM	0	0	202	225
Pacific Contiguous	105,083	106,926	-1.7%	40,714	42,163	56,930	57,312	1,235	1,189	6,205	6,262
California	83,311	84,304	-1.2%	26,247	27,591	49,715	49,371	1,207	1,152	6,142	6,190
Oregon	10,567	11,043	-4.3%	4,682	4,542	5,819	6,417	NM	NM	44	48
Washington	11,205	11,579	-3.2%	9,785	10,029	1,396	1,524	NM	NM	19	25
Pacific Noncontiguous	2,456	2,551	-3.7%	2,421	2,509	0	0	NM	NM	NM	NM
Alaska	2,456	2,551	-3.7%	2,421	2,509	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	923,476	929,275	-0.6%	408,028	425,592	458,832	443,239	5,573	5,558	51,044	54,886

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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 August 2014 and August 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	237,698	267,498	-11.0%	2,529	2,041	221,556	246,690	5,801	5,831	7,812	12,937
Connecticut	70,216	77,404	-9.3%	68	58	65,706	72,967	2,643	2,609	1,798	1,771
Maine	22,990	24,396	-5.8%	0	0	17,681	13,952	NM	NM	5,105	10,248
Massachusetts	94,804	113,779	-17.0%	2,097	1,624	89,342	108,711	2,542	2,612	822	832
New Hampshire	19,551	19,745	-1.0%	341	330	19,033	19,239	NM	NM	NM	NM
Rhode Island	30,115	32,145	-6.3%	0	0	29,795	31,821	320	325	0	0
Vermont	22	28	-21.0%	22	28	0	0	0	0	0	0
Middle Atlantic	692,043	691,139	0.1%	75,888	86,920	605,007	592,596	5,189	5,431	5,959	6,194
New Jersey	153,847	143,994	6.8%	0	NM	150,868	140,563	823	900	2,156	2,360
New York	293,907	310,049	-5.2%	75,872	86,733	213,227	218,355	3,598	3,783	1,210	1,177
Pennsylvania	244,289	237,097	3.0%	NM	NM	240,911	233,677	768	747	2,594	2,656
East North Central	309,285	324,533	-4.7%	117,156	121,072	175,565	187,015	9,282	9,297	7,282	7,150
Illinois	32,525	45,335	-28.0%	2,831	4,454	22,904	34,069	5,357	5,392	1,434	1,421
Indiana	49,572	52,360	-5.3%	33,892	35,661	13,458	14,621	203	205	2,019	1,873
Michigan	67,790	70,775	-4.2%	19,253	19,766	44,405	46,493	1,449	1,598	2,684	2,918
Ohio	120,882	111,823	8.1%	41,514	36,819	76,797	72,410	1,967	2,015	604	578
Wisconsin	38,516	44,240	-13.0%	19,666	24,371	18,002	19,422	306	87	542	359
West North Central	72,502	95,905	-24.0%	62,143	81,479	7,797	11,978	1,418	1,257	1,144	1,192
Iowa	7,994	9,272	-14.0%	7,730	9,097	NM	NM	NM	22	NM	NM
Kansas	16,123	17,868	-9.8%	15,628	17,441	0	0	0	0	495	427
Minnesota	19,690	35,556	-45.0%	15,802	29,017	2,737	5,422	843	700	307	416
Missouri	22,727	26,812	-15.0%	17,161	19,717	5,059	6,555	497	532	NM	NM
Nebraska	3,353	3,784	-11.0%	3,246	3,652	0	0	NM	NM	NM	NM
North Dakota	NM	66	NM	NM	NM	0	0	0	0	NM	61
South Dakota	2,567	2,549	0.7%	2,567	2,549	0	0	0	0	0	0
South Atlantic	1,273,352	1,266,239	0.6%	1,019,416	1,007,449	237,768	238,379	2,257	2,096	13,911	18,316
Delaware	32,098	35,172	-8.7%	NM	NM	27,456	27,546	0	0	4,616	7,572
District of Columbia	663	678	-2.2%	0	0	0	0	663	678	0	0
Florida	722,641	697,499	3.6%	671,715	643,184	45,137	48,121	NM	NM	5,676	6,088
Georgia	184,439	194,071	-5.0%	132,086	144,261	50,724	47,062	0	0	1,629	2,748
Maryland	16,104	17,607	-8.5%	0	0	14,391	16,055	1,476	1,295	236	256
North Carolina	136,175	133,365	2.1%	94,449	87,848	41,281	45,108	2	13	444	395
South Carolina	63,226	67,677	-6.6%	54,531	58,294	8,385	8,816	NM	NM	307	565
Virginia	113,785	117,736	-3.4%	64,793	73,405	48,021	43,688	0	0	971	643
West Virginia	4,220	2,434	73.0%	1,817	403	2,372	1,983	0	0	31	48
East South Central	438,307	445,254	-1.6%	241,248	251,981	178,756	174,739	972	985	17,330	17,548
Alabama	223,211	231,288	-3.5%	69,530	71,263	148,190	154,033	0	0	5,491	5,991
Kentucky	23,471	13,239	77.0%	20,760	10,005	1,512	2,044	0	0	1,199	1,190
Mississippi	158,739	174,059	-8.8%	119,293	145,099	29,054	18,662	NM	NM	10,326	10,230
Tennessee	32,886	26,668	23.0%	31,665	25,613	0	0	907	918	314	137
West South Central	1,548,301	1,564,603	-1.0%	476,550	494,560	780,642	767,080	3,930	3,881	287,178	299,082
Arkansas	49,760	65,745	-24.0%	10,155	18,843	38,560	45,858	NM	NM	1,041	1,039
Louisiana	318,310	302,531	5.2%	143,948	130,040	53,543	42,684	159	164	120,661	129,644
Oklahoma	149,209	174,540	-15.0%	100,717	131,826	48,014	42,269	65	49	413	397
Texas	1,031,022	1,021,787	0.9%	221,731	213,851	640,527	636,270	3,701	3,664	165,063	168,002
Mountain	402,660	425,584	-5.4%	255,884	255,946	137,636	158,968	1,984	2,003	7,155	8,667
Arizona	126,106	137,497	-8.3%	60,137	61,102	65,284	75,696	685	699	0	0
Colorado	60,229	58,995	2.1%	34,518	32,905	25,621	25,936	37	31	NM	123
Idaho	11,457	14,999	-24.0%	6,301	7,771	4,931	6,952	0	0	225	276
Montana	2,730	3,188	-14.0%	2,587	3,026	NM	NM	0	0	0	0
Nevada	106,102	123,362	-14.0%	82,788	92,282	22,430	29,286	451	431	432	1,363
New Mexico	50,691	49,773	1.8%	34,039	33,487	16,177	15,753	476	531	0	2
Utah	43,269	35,436	22.0%	35,282	25,105	2,936	5,053	336	310	4,716	4,967
Wyoming	2,076	2,336	-11.0%	NM	NM	NM	NM	0	0	1,729	1,937
Pacific Contiguous	640,216	642,716	-0.4%	228,747	232,072	354,924	354,400	9,247	8,968	47,297	47,275
California	544,194	538,529	1.1%	170,418	172,870	317,956	310,358	9,028	8,694	46,792	46,606
Oregon	51,052	60,692	-16.0%	19,160	21,444	31,407	38,592	NM	267	311	389
Washington	44,970	43,495	3.4%	39,169	37,758	5,561	5,450	NM	8	195	280
Pacific Noncontiguous	20,104	23,127	-13.0%	19,830	22,821	0	0	NM	NM	NM	NM
Alaska	20,104	23,127	-13.0%	19,830	22,821	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	5,634,466	5,746,599	-2.0%	2,499,391	2,556,340	2,699,652	2,731,844	40,092	39,762	395,330	418,653

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	1,277	997	28.0%	0	0	1,229	950	NM	NM	0	0
Connecticut	NM	66	NM	0	0	NM	66	0	0	0	0
Maine	NM	58	NM	0	0	NM	58	0	0	0	0
Massachusetts	359	378	-5.1%	0	0	359	378	0	0	0	0
New Hampshire	180	NM	NM	0	0	132	137	NM	NM	0	0
Rhode Island	558	249	124.0%	0	0	558	249	0	0	0	0
Vermont	NM	61	NM	0	0	NM	61	0	0	0	0
Middle Atlantic	4,590	4,779	-4.0%	0	0	4,564	4,754	NM	NM	0	0
New Jersey	988	1,018	-3.0%	0	0	988	1,018	0	0	0	0
New York	1,625	1,676	-3.0%	0	0	1,625	1,676	0	0	0	0
Pennsylvania	1,977	2,085	-5.2%	0	0	1,951	2,060	NM	NM	0	0
East North Central	6,382	6,630	-3.7%	746	770	5,610	5,816	0	NM	NM	NM
Illinois	1,610	1,659	-2.9%	0	0	1,610	1,659	0	0	0	0
Indiana	735	755	-2.7%	709	731	0	0	0	0	NM	NM
Michigan	1,728	1,779	-2.9%	0	0	1,728	1,779	0	0	0	0
Ohio	1,047	1,080	-3.0%	NM	NM	1,028	1,060	0	0	0	0
Wisconsin	1,262	1,357	-7.0%	NM	NM	1,244	1,318	0	NM	0	0
West North Central	970	1,003	-3.3%	282	295	688	708	0	0	0	0
Iowa	216	223	-2.9%	0	0	216	223	0	0	0	0
Kansas	131	135	-2.9%	0	0	131	135	0	0	0	0
Minnesota	356	369	-3.4%	NM	69	291	300	0	0	0	0
Missouri	147	154	-4.8%	NM	103	NM	NM	0	0	0	0
Nebraska	NM	123	NM	NM	123	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	3,690	3,809	-3.1%	469	494	2,797	2,865	215	NM	210	NM
Delaware	142	146	-2.8%	0	0	142	146	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	642	638	0.5%	171	187	471	452	0	0	0	0
Georgia	285	293	-3.0%	0	0	241	248	NM	NM	0	0
Maryland	295	NM	NM	0	0	147	152	NM	NM	0	0
North Carolina	584	604	-3.3%	0	0	584	604	0	0	0	0
South Carolina	541	565	-4.3%	298	308	NM	NM	0	0	210	NM
Virginia	1,177	1,225	-3.9%	0	0	1,154	1,202	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	333	344	-3.1%	246	253	NM	91	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	246	253	-3.1%	246	253	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	67	NM	0	0	NM	67	0	0	0	0
West South Central	1,550	1,594	-2.8%	0	0	1,492	1,539	NM	NM	0	0
Arkansas	129	133	-3.0%	0	0	129	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	1,420	1,460	-2.7%	0	0	1,363	1,406	NM	NM	0	0
Mountain	350	361	-2.9%	NM	78	274	282	0	0	0	0
Arizona	NM	120	NM	NM	78	NM	NM	0	0	0	0
Colorado	NM	60	NM	0	0	NM	60	0	0	0	0
Idaho	NM	NM	NM	0	0	NM	NM	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	132	NM	0	0	NM	132	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,595	5,739	-2.5%	768	787	2,998	3,056	1,829	1,896	0	0
California	4,793	4,908	-2.3%	285	286	2,724	2,774	1,784	1,849	0	0
Oregon	442	455	-2.9%	144	149	252	260	NM	NM	0	0
Washington	361	376	-4.0%	339	353	NM	NM	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	24,736	25,255	-2.1%	2,586	2,678	19,740	20,060	2,175	2,270	236	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.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	8,049	7,723	4.2%	0	0	7,650	7,296	399	NM	0	0
Connecticut	514	511	0.7%	0	0	514	511	0	0	0	0
Maine	449	446	0.6%	0	0	449	446	0	0	0	0
Massachusetts	2,909	2,908	0.0%	0	0	2,909	2,908	0	0	0	0
New Hampshire	1,456	1,476	-1.3%	0	0	1,057	1,049	399	NM	0	0
Rhode Island	2,247	1,912	18.0%	0	0	2,247	1,912	0	0	0	0
Vermont	474	471	0.6%	0	0	474	471	0	0	0	0
Middle Atlantic	36,548	37,512	-2.6%	0	0	36,336	37,285	212	NM	0	0
New Jersey	7,929	7,907	0.3%	0	0	7,929	7,907	0	0	0	0
New York	12,119	12,895	-6.0%	0	0	12,119	12,895	0	0	0	0
Pennsylvania	16,500	16,709	-1.3%	0	0	16,288	16,483	212	NM	0	0
East North Central	45,221	51,264	-12.0%	5,186	5,921	39,660	44,938	NM	NM	230	NM
Illinois	12,549	12,774	-1.8%	0	0	12,549	12,774	0	0	0	0
Indiana	5,117	5,856	-13.0%	4,887	5,627	0	0	0	0	230	NM
Michigan	13,808	13,718	0.7%	0	0	13,808	13,718	0	0	0	0
Ohio	3,677	8,309	-56.0%	151	148	3,526	8,161	0	0	0	0
Wisconsin	10,070	10,606	-5.1%	148	146	9,777	10,285	NM	NM	0	0
West North Central	7,774	7,712	0.8%	2,280	2,252	5,494	5,460	0	0	0	0
Iowa	1,726	1,717	0.5%	0	0	1,726	1,717	0	0	0	0
Kansas	1,046	1,039	0.7%	0	0	1,046	1,039	0	0	0	0
Minnesota	2,857	2,834	0.8%	533	524	2,325	2,310	0	0	0	0
Missouri	1,192	1,176	1.4%	795	781	397	395	0	0	0	0
Nebraska	952	947	0.6%	952	947	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	29,690	29,537	0.5%	3,762	3,634	22,282	22,084	1,842	1,931	1,804	1,888
Delaware	1,134	1,127	0.6%	0	0	1,134	1,127	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,996	4,835	3.3%	1,379	1,269	3,617	3,565	0	0	0	0
Georgia	2,296	2,303	-0.3%	0	0	1,923	1,910	373	NM	0	0
Maryland	2,455	2,500	-1.8%	0	0	1,178	1,167	1,277	1,333	0	0
North Carolina	4,663	4,637	0.6%	0	0	4,663	4,637	0	0	0	0
South Carolina	4,456	4,519	-1.4%	2,383	2,365	269	266	0	0	1,804	1,888
Virginia	9,496	9,424	0.8%	0	0	9,304	9,219	192	NM	0	0
West Virginia	194	192	0.9%	0	0	194	192	0	0	0	0
East South Central	2,668	2,649	0.7%	1,965	1,952	702	697	0	0	0	0
Alabama	185	184	0.7%	0	0	185	184	0	0	0	0
Kentucky	1,965	1,952	0.7%	1,965	1,952	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	517	513	0.7%	0	0	517	513	0	0	0	0
West South Central	12,403	12,359	0.4%	0	0	11,930	11,846	473	513	0	0
Arkansas	1,034	1,027	0.7%	0	0	1,034	1,027	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	11,369	11,332	0.3%	0	0	10,896	10,819	473	513	0	0
Mountain	2,797	2,779	0.7%	608	604	2,189	2,175	0	0	0	0
Arizona	931	925	0.7%	608	604	323	321	0	0	0	0
Colorado	464	461	0.6%	0	0	464	461	0	0	0	0
Idaho	375	373	0.7%	0	0	375	373	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	1,026	1,019	0.7%	0	0	1,026	1,019	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	44,667	44,633	0.1%	6,034	6,072	23,985	23,725	14,648	14,836	0	0
California	38,204	38,191	0.0%	2,147	2,214	21,794	21,547	14,263	14,430	0	0
Oregon	3,551	3,553	-0.1%	1,152	1,145	2,013	2,002	385	NM	0	0
Washington	2,913	2,888	0.8%	2,734	2,713	178	175	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	189,817	196,167	-3.2%	19,835	20,435	150,229	155,506	17,719	18,108	2,034	2,117

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	322	314	2.4%	0	0	308	300	14	NM	0	0
Connecticut	117	115	2.2%	0	0	117	115	0	0	0	0
Maine	22	22	1.4%	0	0	8	8	14	NM	0	0
Massachusetts	169	165	2.6%	0	0	169	165	0	0	0	0
New Hampshire	13	12	4.3%	0	0	13	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	441	438	0.6%	0	0	349	347	91	91	0	0
New Jersey	117	117	-0.5%	0	0	85	86	31	31	0	0
New York	161	157	2.8%	0	0	126	121	35	35	0	0
Pennsylvania	163	164	-0.6%	0	0	138	140	25	24	0	0
East North Central	24	20	17.0%	3	3	0	0	20	17	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-2.9%	0	0	0	0	1	1	0	0
Michigan	20	16	20.0%	0	0	0	0	20	16	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	3	7.6%	3	3	0	0	0	0	0	0
West North Central	53	55	-3.3%	35	37	18	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	53	55	-3.3%	35	37	18	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	444	422	5.2%	0	0	413	391	31	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	283	262	8.2%	0	0	283	262	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	70	70	0.0%	0	0	70	70	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	91	90	0.6%	0	0	60	59	31	31	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	NM	NM	0	0	0	0	0	0	1	NM
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	NM	NM	0	0	0	0	0	0	1	NM
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	63	64	-2.2%	0	0	63	64	0	0	0	0
California	41	44	-5.2%	0	0	41	44	0	0	0	0
Oregon	8	8	4.2%	0	0	8	8	0	0	0	0
Washington	13	13	4.1%	0	0	13	13	0	0	0	0
Pacific Noncontiguous	38	35	10.0%	0	0	0	0	38	35	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	38	35	10.0%	0	0	0	0	38	35	0	0
U.S. Total	1,385	1,349	2.7%	38	40	1,150	1,119	196	189	1	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.
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 August 2014 and August 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	2,506	2,444	2.5%	0	0	2,392	2,325	114	119	0	0
Connecticut	921	893	3.1%	0	0	921	893	0	0	0	0
Maine	177	180	-2.1%	0	0	62	62	114	119	0	0
Massachusetts	1,310	1,273	2.9%	0	0	1,310	1,273	0	0	0	0
New Hampshire	98	97	1.0%	0	0	98	97	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	3,318	3,326	-0.2%	0	0	2,622	2,619	697	707	0	0
New Jersey	868	855	1.6%	0	0	641	627	227	228	0	0
New York	1,236	1,234	0.1%	0	0	949	937	287	298	0	0
Pennsylvania	1,214	1,237	-1.9%	0	0	1,032	1,056	182	181	0	0
East North Central	161	157	2.3%	24	23	0	0	137	134	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	7	7	-1.3%	0	0	0	0	7	7	0	0
Michigan	130	127	2.5%	0	0	0	0	130	127	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	24	23	1.9%	24	23	0	0	0	0	0	0
West North Central	419	422	-0.7%	275	280	134	133	10	10	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	419	422	-0.7%	275	280	134	133	10	10	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	3,367	3,443	-2.2%	0	0	3,119	3,195	248	248	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	2,143	2,256	-5.0%	0	0	2,143	2,256	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	533	516	3.2%	0	0	533	516	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	691	670	3.1%	0	0	443	422	248	248	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	5	2.1%	0	0	0	0	0	0	6	5
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	6	5	2.1%	0	0	0	0	0	0	6	5
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	2	2	-1.1%	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	-1.1%	0	0	2	2	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	484	489	-1.2%	0	0	484	489	0	0	0	0
California	320	328	-2.4%	0	0	320	328	0	0	0	0
Oregon	62	61	1.1%	0	0	62	61	0	0	0	0
Washington	102	100	1.1%	0	0	102	100	0	0	0	0
Pacific Noncontiguous	261	246	6.2%	0	0	0	0	261	246	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	261	246	6.2%	0	0	0	0	261	246	0	0
U.S. Total	10,523	10,534	-0.1%	299	303	8,752	8,763	1,467	1,463	6	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.
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 - August 2014

	Electric Power Sector			Electric Utilities			Independent Power Producers		
Period	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)
End of Year Stocks									
2004	106,669	46,750	937	84,917	29,144	627	21,751	17,607	309
2005	101,137	47,414	530	77,457	29,532	374	23,680	17,882	156
2006	140,964	48,216	674	110,277	29,799	456	30,688	18,416	217
2007	151,221	44,433	554	120,504	28,032	253	30,717	16,401	301
2008	161,589	40,804	739	127,463	26,108	468	34,126	14,696	270
2009	189,467	39,210	1,394	154,815	25,811	1,194	34,652	13,399	201
2010	174,917	35,706	1,019	143,744	24,798	850	31,173	10,908	168
2011	172,387	34,847	508	142,103	25,648	404	30,284	9,198	104
2012	185,116	32,224	495	150,942	23,875	414	34,174	8,349	81
2013	147,973	31,045	390	120,888	21,906	303	27,085	9,139	86
2012, End of Month Stocks									
January	180,091	34,660	409	144,615	25,518	324	35,476	9,142	85
February	186,866	34,431	374	150,246	25,311	293	36,620	9,119	81
March	195,380	34,552	453	157,444	25,463	351	37,935	9,089	102
April	202,265	34,375	457	161,926	25,356	332	40,339	9,019	125
May	203,137	33,973	406	162,992	25,046	270	40,146	8,926	136
June	197,924	33,747	458	158,366	24,964	287	39,558	8,783	171
July	183,958	33,502	406	148,517	24,947	216	35,442	8,555	190
August	178,537	32,619	336	144,975	24,297	198	33,562	8,322	139
Sept	182,020	32,316	353	147,916	24,175	267	34,104	8,141	86
October	186,396	32,182	406	151,418	24,078	339	34,978	8,104	67
November	188,291	32,045	416	152,864	23,982	346	35,428	8,062	70
December	185,116	32,224	495	150,942	23,875	414	34,174	8,349	81
2013, End of Month Stocks									
January	178,747	31,163	442	145,522	23,229	358	33,224	7,934	84
February	175,325	30,880	442	143,950	22,863	362	31,375	8,016	80
March	171,518	31,678	406	141,849	23,459	323	29,669	8,219	83
April	172,654	31,052	455	142,970	22,945	387	29,684	8,107	68
May	176,670	30,894	442	144,709	22,813	348	31,961	8,081	95
June	170,534	30,626	407	139,574	22,586	303	30,960	8,040	105
July	159,536	29,924	394	131,879	22,094	279	27,658	7,829	115
August	154,119	30,328	260	127,058	22,231	183	27,061	8,097	77
Sept	152,185	30,215	309	125,368	21,707	191	26,817	8,509	118
October	153,352	30,487	291	125,321	21,734	214	28,031	8,752	77
November	155,754	31,170	338	126,278	21,773	250	29,477	9,397	87
December	147,973	31,045	390	120,888	21,906	303	27,085	9,139	86
2014, End of Month Stocks									
January	132,324	26,770	298	107,330	19,870	216	24,993	6,900	82
February	118,949	28,285	265	96,571	20,218	191	22,378	8,068	74
March	117,974	28,215	349	95,229	20,513	282	22,745	7,701	67
April	128,321	28,506	514	103,097	20,681	451	25,224	7,825	63
May	136,218	28,364	457	107,482	20,457	374	28,736	7,907	83
June	132,885	28,604	407	103,362	20,500	354	29,523	8,103	54
July	125,389	27,921	381	97,269	19,888	300	28,120	8,033	81
August	121,042	28,043	388	92,819	20,028	289	28,222	8,015	99

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, August 2014 and 2013

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	August 2014	August 2013	Percentage Change	August 2014	August 2013	Percentage Change	August 2014	August 2013	Percentage Change
New England	W	1,080	W	3,037	2,594	17.0%	0	0	--
Connecticut	W	W	W	1,207	1,060	14.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	W	W	1,155	1,052	9.8%	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	41	-45.0%	0	0	--
Middle Atlantic	6,717	5,438	24.0%	4,236	4,804	-12.0%	W	W	W
New Jersey	807	926	-13.0%	558	898	-38.0%	0	0	--
New York	599	465	29.0%	2,800	3,118	-10.0%	0	0	--
Pennsylvania	5,311	4,047	31.0%	878	788	12.0%	W	W	W
East North Central	25,685	29,911	-14.0%	1,169	1,121	4.3%	108	56	92.0%
Illinois	6,788	6,386	6.3%	74	101	-27.0%	0	0	--
Indiana	6,828	8,717	-22.0%	186	103	82.0%	0	0	--
Michigan	4,734	6,025	-21.0%	379	414	-8.4%	W	W	W
Ohio	4,930	4,973	-0.9%	311	272	14.0%	W	W	W
Wisconsin	2,404	3,810	-37.0%	218	230	-5.2%	W	W	W
West North Central	17,426	24,985	-30.0%	902	961	-6.2%	0	0	--
Iowa	4,251	7,207	-41.0%	143	135	6.2%	0	0	--
Kansas	2,598	3,161	-18.0%	143	159	-9.9%	0	0	--
Minnesota	W	W	W	131	154	-15.0%	0	0	--
Missouri	4,645	7,812	-41.0%	278	283	-1.7%	0	0	--
Nebraska	2,595	3,071	-16.0%	108	121	-11.0%	0	0	--
North Dakota	1,573	1,190	32.0%	35	39	-8.5%	0	0	--
South Dakota	W	W	W	63	71	-12.0%	0	0	--
South Atlantic	23,273	32,397	-28.0%	11,781	13,017	-9.5%	W	W	W
Delaware	W	W	W	237	371	-36.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	W	W	6,023	6,793	-11.0%	W	W	W
Georgia	4,359	8,249	-47.0%	863	906	-4.7%	0	0	--
Maryland	1,303	1,312	-0.7%	682	773	-12.0%	0	0	--
North Carolina	W	W	W	1,129	1,085	4.1%	0	0	--
South Carolina	3,292	5,345	-38.0%	617	602	2.4%	0	0	--
Virginia	W	W	W	2,080	2,353	-12.0%	0	0	--
West Virginia	3,925	5,511	-29.0%	149	134	12.0%	W	W	W
East South Central	13,481	15,966	-16.0%	1,905	2,011	-5.3%	W	W	W
Alabama	3,596	4,381	-18.0%	271	312	-13.0%	0	0	--
Kentucky	6,349	6,905	-8.1%	250	259	-3.4%	W	W	W
Mississippi	659	1,494	-56.0%	581	570	1.9%	0	0	--
Tennessee	2,878	3,185	-9.6%	803	870	-7.7%	0	0	--
West South Central	16,603	25,243	-34.0%	1,927	2,368	-19.0%	W	W	W
Arkansas	2,081	2,534	-18.0%	W	230	W	0	0	--
Louisiana	2,767	3,743	-26.0%	439	651	-33.0%	W	W	W
Oklahoma	1,973	4,162	-53.0%	W	126	W	0	0	--
Texas	9,780	14,804	-34.0%	1,201	1,362	-12.0%	0	W	W
Mountain	14,703	17,653	-17.0%	547	653	-16.0%	W	W	W
Arizona	2,507	3,263	-23.0%	134	209	-36.0%	0	0	--
Colorado	2,728	3,662	-25.0%	114	123	-7.4%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	W	W	W	W	W
Nevada	805	719	12.0%	178	180	-0.7%	0	0	--
New Mexico	W	W	W	34	47	-28.0%	0	0	--
Utah	3,502	4,750	-26.0%	40	44	-9.8%	0	0	--
Wyoming	3,290	3,295	-0.1%	31	33	-5.6%	0	0	--
Pacific Contiguous	W	W	W	278	387	-28.0%	W	W	W
California	W	W	W	115	189	-39.0%	W	W	W
Oregon	W	W	W	W	W	W	0	0	--
Washington	W	W	W	W	W	W	0	0	--
Pacific Noncontiguous	W	W	W	2,260	2,413	-6.3%	0	0	--
Alaska	0	W	W	28	98	-71.0%	0	0	--
Hawaii	W	W	W	2,232	2,314	-3.6%	0	0	--
U.S. Total	121,042	154,119	-21.0%	28,043	30,328	-7.5%	388	260	49.0%

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, August 2014 and 2013

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**August 2014**	**August 2013**	**Percentage Change**	**August 2014**	**August 2013**	**August 2014**	**August 2013**
Coal (Thousand Tons)							
New England	W	1,080	W	W	W	W	W
Middle Atlantic	6,717	5,438	23.5%	0	0	6,717	5,438
East North Central	25,685	29,911	-14.1%	18,108	23,504	7,577	6,407
West North Central	17,426	24,985	-30.3%	17,426	24,985	0	0
South Atlantic	23,273	32,397	-28.2%	20,122	29,735	3,151	2,663
East South Central	13,481	15,966	-15.6%	W	15,966	W	0
West South Central	16,603	25,243	-34.2%	8,936	14,815	7,666	10,428
Mountain	14,703	17,653	-16.7%	13,508	W	1,195	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	0	W	W	W
U.S. Total	**121,042**	**154,119**	**-21.5%**	**92,819**	**127,058**	**28,222**	**27,061**
Petroleum Liquids (Thousand Barrels)							
New England	3,037	2,594	17.1%	572	475	2,466	2,119
Middle Atlantic	4,236	4,804	-11.8%	1,465	2,071	2,771	2,733
East North Central	1,169	1,121	4.3%	958	921	210	200
West North Central	902	961	-6.2%	877	935	25	26
South Atlantic	11,781	13,017	-9.5%	9,881	10,764	1,900	2,253
East South Central	1,905	2,011	-5.3%	W	W	W	W
West South Central	1,927	2,368	-18.6%	1,424	1,777	503	592
Mountain	547	653	-16.2%	W	W	W	W
Pacific Contiguous	278	387	-28.2%	W	W	W	W
Pacific Noncontiguous	2,260	2,413	-6.3%	W	W	W	W
U.S. Total	**28,043**	**30,328**	**-7.5%**	**20,028**	**22,231**	**8,015**	**8,097**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	108	56	92.0%	W	W	W	W
West North Central	0	0	--	0	0	0	0
South Atlantic	W	W	W	W	W	W	W
East South Central	W	W	W	W	W	0	0
West South Central	W	W	W	W	W	0	W
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	W	W	W	0	0	W	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	**388**	**260**	**49.2%**	**W**	**183**	**W**	**77**

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

Table 3.4. Stocks of Coal by Coal Rank: Electric Power Sector, 2004 - August 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

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 - August 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	20,188,633	1,002,032	1.36	27.42	0.97	95.9	958,046	151,821	5.00	31.58	0.88	81.7
2005	20,647,307	1,021,437	1.54	31.20	0.98	95.9	986,258	157,221	7.59	47.61	0.77	84.7
2006	21,735,101	1,079,943	1.69	34.09	0.97	102.5	406,869	65,002	8.68	54.35	0.73	74.0
2007	21,152,358	1,054,664	1.77	35.48	0.96	98.6	375,260	60,068	9.59	59.93	0.71	62.6
2008	21,280,258	1,069,709	2.07	41.14	0.97	100.5	375,684	61,139	15.52	95.38	0.61	99.6
2009	19,437,966	981,477	2.21	43.74	1.01	102.8	330,043	54,181	10.25	62.47	0.54	104.8
2010	19,289,661	979,918	2.27	44.64	1.16	97.9	275,058	45,472	14.02	84.80	0.51	101.1
2011	18,675,843	956,538	2.39	46.65	1.19	100.0	216,752	36,158	19.94	119.54	0.60	116.1
2012	16,265,578	841,183	2.38	46.09	1.25	99.5	116,937	19,464	21.85	131.28	0.51	75.7
2013	15,570,755	803,206	2.35	45.50	1.30	91.3	123,567	20,348	20.59	125.06	0.46	79.2
2012												
January	1,480,587	77,241	2.37	45.47	1.19	106.2	11,646	1,937	21.66	130.26	0.51	77.9
February	1,338,494	69,194	2.38	46.12	1.29	106.8	8,226	1,372	22.16	132.92	0.50	76.8
March	1,274,079	65,492	2.39	46.59	1.25	110.9	9,681	1,593	22.29	135.43	0.51	84.0
April	1,176,104	59,906	2.42	47.54	1.30	112.7	7,788	1,302	23.58	141.17	0.59	71.4
May	1,254,371	64,477	2.42	47.01	1.29	100.3	8,596	1,445	23.02	136.98	0.56	69.0
June	1,294,346	67,090	2.36	45.52	1.29	91.7	12,141	2,007	22.01	133.16	0.52	79.2
July	1,403,271	72,850	2.40	46.22	1.19	82.7	12,495	2,064	20.43	123.72	0.54	71.1
August	1,504,806	77,652	2.40	46.47	1.23	92.1	10,040	1,672	21.12	126.85	0.50	74.8
Sept	1,383,347	71,970	2.38	45.68	1.20	101.4	8,209	1,357	21.91	132.56	0.48	76.1
October	1,397,904	72,425	2.36	45.57	1.23	106.5	8,718	1,451	22.23	133.66	0.41	72.8
November	1,388,563	71,846	2.36	45.63	1.25	100.5	8,623	1,441	22.30	133.48	0.45	76.8
December	1,369,707	71,041	2.36	45.60	1.27	94.9	10,773	1,824	20.63	121.91	0.55	79.7
2013												
January	1,314,386	68,094	2.35	45.29	1.27	88.8	10,661	1,769	21.01	126.70	0.50	57.1
February	1,201,145	61,998	2.35	45.46	1.35	90.3	10,741	1,749	21.01	129.18	0.46	84.3
March	1,262,552	64,822	2.35	45.86	1.35	90.0	14,178	2,306	20.16	123.96	0.46	126.8
April	1,202,488	61,226	2.38	46.69	1.36	98.2	6,085	1,017	21.53	128.87	0.51	54.7
May	1,300,089	66,503	2.37	46.38	1.32	100.4	8,589	1,416	20.71	125.63	0.50	70.4
June	1,292,065	66,654	2.36	45.77	1.26	87.0	6,973	1,164	20.97	125.63	0.50	60.8
July	1,364,276	71,348	2.32	44.27	1.20	84.2	10,653	1,765	20.51	123.78	0.48	59.6
August	1,435,848	74,510	2.33	44.91	1.27	89.3	11,956	1,956	19.69	120.38	0.44	96.8
Sept	1,331,684	68,838	2.35	45.38	1.29	92.9	9,869	1,624	20.16	122.60	0.38	89.7
October	1,286,635	66,005	2.35	45.73	1.34	97.2	10,093	1,665	20.85	126.36	0.43	97.5
November	1,285,565	66,194	2.33	45.34	1.30	98.1	12,749	2,094	20.10	122.55	0.46	116.7
December	1,294,022	67,013	2.34	45.21	1.29	84.9	11,021	1,823	21.22	128.15	0.43	69.6
2014												
January	1,295,681	67,813	2.30	43.88	1.26	79.4	26,826	4,498	21.85	130.48	0.42	40.7
February	1,191,664	61,243	2.33	45.26	1.35	78.6	26,033	4,284	21.60	131.44	0.44	127.3
March	1,374,868	69,854	2.37	46.58	1.35	94.4	15,151	2,506	21.94	132.69	0.44	64.9
April	1,295,750	65,274	2.40	47.56	1.35	108.4	8,908	1,474	22.89	138.33	0.41	87.4
May	1,357,455	69,014	2.39	47.10	1.38	105.3	8,608	1,429	21.15	127.40	0.46	80.8
June	1,342,562	68,561	2.38	46.61	1.36	90.3	9,308	1,541	21.41	129.32	0.45	89.8
July	1,404,469	72,363	2.37	46.03	1.28	87.1	8,413	1,392	21.29	128.63	0.50	73.3
August	1,460,354	74,999	2.37	46.10	1.33	90.8	9,143	1,503	20.63	125.49	0.51	75.2
Year to Date												
2012	10,726,057	553,902	2.39	46.33	1.25	99.0	80,614	13,391	21.91	131.93	0.53	75.4
2013	10,372,849	535,156	2.35	45.54	1.29	90.6	79,835	13,142	20.60	125.16	0.47	74.0
2014	10,722,803	549,121	2.36	46.15	1.33	90.8	112,390	18,627	21.65	130.74	0.45	68.1
Rolling 12 Months Ending in August												
2013	15,912,370	822,437	2.36	45.57	1.27	93.9	116,158	19,214	20.94	126.65	0.48	74.8
2014	15,920,709	817,171	2.36	45.91	1.32	91.5	156,122	25,833	21.35	129.10	0.44	73.2

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.
NM = Not meaningful due to large relative standard error or excessive percentage change.
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Notes:
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See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2004 - August 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
Year to Date												
2012	73,836	2,573	2.31	66.33	5.50	77.2	6,880,414	6,728,961	3.22	3.30	92.1	2.78
2013	83,996	2,945	2.21	63.32	5.40	72.4	5,857,031	5,711,391	4.33	4.44	90.1	3.11
2014	93,587	3,296	2.00	56.79	5.59	91.5	5,770,168	5,611,930	5.35	5.50	90.1	3.45
Rolling 12 Months Ending in August												
2013	129,828	4,552	W	W	5.48	79.1	8,723,308	8,513,819	4.18	4.29	90.5	W
2014	139,327	4,906	W	W	5.56	88.1	8,590,681	8,363,842	5.01	5.14	90.0	W

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NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
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See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
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 - August 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
Year to Date												
2012	7,917,569	403,507	2.43	47.78	1.20	98.6	60,234	9,971	22.17	133.95	0.43	81.4
2013	7,668,908	391,867	2.38	46.64	1.23	91.1	53,611	8,787	20.81	126.98	0.44	77.1
2014	7,856,984	397,695	2.38	47.13	1.27	90.2	64,713	10,688	21.71	131.47	0.41	73.4
Rolling 12 Months Ending in August												
2013	11,690,883	597,806	2.39	46.76	1.20	93.9	79,407	13,068	21.18	128.71	0.41	78.4
2014	11,667,723	592,297	2.38	46.91	1.26	91.1	89,407	14,751	21.73	131.74	0.40	75.2

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NM = Not meaningful due to large relative standard error or excessive percentage change.
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See Glossary for definitions.
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See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - August 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
Year to Date												
2012	42,934	1,480	2.39	69.37	5.41	103.9	2,881,999	2,824,147	3.55	3.62	97.5	2.84
2013	61,673	2,152	2.18	62.34	5.26	93.4	2,536,703	2,481,281	4.48	4.58	97.1	2.99
2014	80,336	2,824	1.94	55.17	5.61	119.4	2,500,383	2,436,587	5.42	5.56	97.5	3.22
Rolling 12 Months Ending in August												
2013	91,521	3,194	2.18	62.29	5.35	107.0	3,738,283	3,660,591	4.38	4.48	97.3	2.96
2014	117,750	4,135	1.95	55.53	5.56	119.1	3,700,628	3,609,933	5.13	5.26	97.2	3.14

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

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

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - August 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
Year to Date												
2012	2,615,281	141,443	2.22	41.00	1.40	104.0	15,223	2,577	22.62	133.75	0.43	77.0
2013	2,571,870	137,454	2.21	41.36	1.49	93.5	24,546	4,083	20.28	122.00	0.45	92.1
2014	2,728,877	145,360	2.27	42.55	1.51	96.9	46,330	7,721	21.66	130.14	0.45	75.1
Rolling 12 Months Ending in August												
2013	3,993,025	214,352	2.21	41.14	1.47	97.9	33,245	5,580	W	W	0.45	90.2
2014	4,047,706	215,792	2.25	42.17	1.50	97.2	65,022	10,807	W	W	0.45	87.1

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Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - August 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
Year to Date												
2012	16,682	581	0.96	27.90	5.54	97.3	3,430,592	3,351,379	2.97	3.04	94.0	2.65
2013	11,511	409	W	W	5.40	66.8	2,823,404	2,747,574	4.27	4.39	93.1	W
2014	9,428	335	W	W	5.39	70.6	2,788,453	2,708,901	5.40	5.56	92.7	W
Rolling 12 Months Ending in August												
2013	17,853	629	W	W	5.39	71.1	4,203,366	4,092,831	4.08	4.19	93.1	W
2014	14,066	501	W	W	5.39	65.0	4,155,762	4,042,112	4.99	5.13	92.8	W

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

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 - August 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
Year to Date												
2012	3,136	135	3.63	84.14	2.56	13.8	149	26	W	W	0.00	9.1
2013	2,846	123	W	W	2.96	12.8	0	0	--	--	--	0.0
2014	2,635	114	W	W	2.66	12.3	0	0	--	--	--	0.0
Rolling 12 Months Ending in August												
2013	4,137	179	W	W	3.04	12.5	97	17	W	W	0.00	4.0
2014	3,295	143	W	W	2.82	10.3	0	0	--	--	--	0.0

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

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

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commerical Sector, 2004 - August 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
Year to Date												
2012	0	0	--	--	--	0.0	11,796	11,596	5.91	6.01	15.2	W
2013	0	0	--	--	--	0.0	3,176	3,150	W	W	4.5	W
2014	0	0	--	--	--	0.0	3,520	3,487	W	W	4.9	W
Rolling 12 Months Ending in August												
2013	0	0	--	--	--	0.0	9,695	9,563	W	W	9.1	W
2014	0	0	--	--	--	0.0	5,841	5,787	W	W	5.4	W

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

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	326,495	15,324	1.63	34.79	1.43	57.6	25,491	4,107	4.98	30.93	1.38	18.5
2005	339,968	16,011	1.94	41.17	1.42	61.9	36,383	5,876	6.64	41.13	1.36	26.4
2006	320,640	15,208	2.03	42.76	1.47	60.2	19,514	3,214	7.57	45.95	1.30	21.2
2007	303,091	13,540	2.20	49.16	1.36	60.1	33,637	5,514	8.53	52.06	1.33	38.8
2008	493,724	22,044	2.72	60.96	1.28	100.7	48,822	7,958	12.50	76.69	1.01	109.0
2009	431,686	19,661	2.81	61.68	1.22	99.5	55,899	9,232	9.83	59.52	0.83	112.8
2010	468,991	21,492	2.75	60.08	1.26	87.2	33,276	5,554	13.21	79.15	0.93	125.6
2011	476,108	22,204	2.93	62.86	1.33	99.5	28,939	4,878	17.67	104.83	1.08	144.8
2012	285,172	13,206	3.02	65.24	1.33	65.8	6,739	1,095	W	W	1.52	40.8
2013	196,902	8,700	W	W	1.51	44.4	2,023	328	18.42	113.46	1.66	14.6
2012												
January	26,254	1,221	W	W	1.35	60.6	700	113	17.49	108.36	1.64	23.6
February	22,263	1,040	2.99	63.96	1.36	56.8	503	82	W	W	1.46	37.0
March	22,967	1,071	3.06	65.58	1.23	63.6	879	147	W	W	1.15	54.3
April	22,649	1,044	W	W	1.37	70.5	538	87	W	W	1.47	44.5
May	22,811	1,053	3.07	66.43	1.42	67.4	556	91	W	W	1.40	45.8
June	22,523	1,037	W	W	1.45	66.8	515	84	W	W	1.52	50.8
July	24,473	1,143	W	W	1.30	66.8	776	125	W	W	1.63	74.9
August	26,133	1,208	W	W	1.36	70.9	540	88	W	W	1.62	47.6
Sept	23,802	1,098	W	W	1.24	71.5	413	66	W	W	1.71	40.5
October	24,214	1,117	W	W	1.28	70.4	394	64	W	W	1.58	25.8
November	23,495	1,089	W	W	1.32	66.0	359	58	W	W	1.54	31.5
December	23,589	1,085	3.02	65.67	1.30	61.9	565	91	W	W	1.67	43.2
2013												
January	16,110	717	W	W	1.42	41.5	271	44	18.59	114.45	1.76	17.1
February	14,495	639	W	W	1.54	39.9	199	33	18.09	110.10	1.38	16.3
March	16,525	739	W	W	1.41	43.1	255	41	18.33	114.33	1.69	22.5
April	15,631	684	W	W	1.54	44.6	209	34	W	W	1.73	16.6
May	17,144	757	W	W	1.47	48.0	200	32	18.00	112.37	1.65	15.3
June	15,481	682	W	W	1.36	43.2	234	38	18.49	114.07	1.83	21.3
July	17,052	759	W	W	1.50	45.8	167	27	17.47	108.96	1.84	14.0
August	16,786	736	W	W	1.51	46.2	143	24	18.57	112.14	1.82	12.4
Sept	16,427	728	W	W	1.58	47.1	70	12	18.34	110.96	1.45	8.3
October	16,767	736	W	W	1.56	44.7	84	14	19.32	119.82	0.80	9.3
November	17,334	760	W	W	1.65	45.2	69	12	20.57	123.01	0.99	7.6
December	17,149	765	W	W	1.61	43.4	122	20	19.07	117.04	1.57	10.1
2014												
January	16,877	750	W	W	1.49	41.6	310	50	19.16	117.73	1.34	10.0
February	16,046	707	W	W	1.53	43.0	274	44	20.61	127.88	1.01	16.4
March	18,428	812	W	W	1.63	46.2	115	19	21.18	130.19	1.11	7.4
April	15,778	709	W	W	1.46	46.6	107	17	17.49	109.27	1.76	10.7
May	15,782	704	W	W	1.47	45.3	126	20	17.42	107.63	1.81	13.1
June	15,905	703	W	W	1.61	46.0	185	30	18.05	111.09	1.86	17.2
July	17,478	773	W	W	1.49	48.5	121	20	15.79	98.08	1.72	11.9
August	18,015	794	W	W	1.58	49.7	110	18	W	W	1.64	10.6
Year to Date												
2012	190,072	8,818	3.02	65.00	1.35	65.1	5,007	817	W	W	1.48	43.4
2013	129,224	5,712	W	W	1.47	44.0	1,678	272	18.24	112.58	1.72	16.8
2014	134,308	5,952	W	W	1.53	45.8	1,347	218	18.72	115.57	1.47	11.8
Rolling 12 Months Ending in August												
2013	224,324	10,100	W	W	1.39	51.8	3,410	550	W	W	1.67	22.8
2014	201,985	8,940	W	W	1.56	45.5	1,693	275	W	W	1.42	11.1

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See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2004 - August 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
Year to Date												
2012	14,220	512	2.69	74.54	5.70	39.3	556,028	541,839	2.77	2.84	70.5	W
2013	10,812	384	W	W	6.19	33.5	493,747	479,386	W	W	62.9	W
2014	3,823	136	W	W	5.84	18.2	477,812	462,954	W	W	63.1	W
Rolling 12 Months Ending in August												
2013	20,453	729	W	W	6.15	38.9	771,964	750,835	W	W	65.8	W
2014	7,511	270	W	W	5.80	20.6	728,449	706,010	W	W	63.1	W

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

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	102	156	-34.0%	9	67	92	87	0	0	1	2
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	3	3	-17.0%	0	0	1	2	0	0	1	2
Massachusetts	91	85	6.2%	0	0	91	85	0	0	0	0
New Hampshire	9	67	-87.0%	9	67	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,097	3,182	-2.6%	0	0	3,044	3,144	0	0	54	37
New Jersey	44	128	-66.0%	0	0	44	128	0	0	0	0
New York	192	205	-6.4%	0	0	151	173	0	0	41	33
Pennsylvania	2,862	2,849	0.5%	0	0	2,849	2,844	0	0	13	5
East North Central	17,158	17,879	-4.0%	11,285	11,965	5,600	5,674	2	11	271	230
Illinois	5,253	5,719	-8.1%	433	579	4,636	4,998	0	0	184	142
Indiana	3,653	3,548	3.0%	3,408	3,336	245	211	0	0	0	0
Michigan	2,758	3,212	-14.0%	2,707	3,170	44	24	2	11	5	7
Ohio	3,415	3,245	5.3%	2,719	2,786	675	441	0	0	22	17
Wisconsin	2,078	2,157	-3.6%	2,018	2,093	0	0	0	0	60	64
West North Central	11,413	11,955	-4.5%	11,309	11,856	0	0	5	6	99	94
Iowa	1,651	1,899	-13.0%	1,552	1,805	0	0	0	0	99	94
Kansas	1,575	1,751	-10.0%	1,575	1,751	0	0	0	0	0	0
Minnesota	1,186	846	40.0%	1,186	846	0	0	0	0	0	0
Missouri	3,477	3,763	-7.6%	3,472	3,757	0	0	5	6	0	0
Nebraska	1,397	1,445	-3.3%	1,397	1,445	0	0	0	0	0	0
North Dakota	1,974	2,096	-5.8%	1,974	2,096	0	0	0	0	0	0
South Dakota	153	155	-1.5%	153	155	0	0	0	0	0	0
South Atlantic	11,123	10,253	8.5%	9,231	8,229	1,740	1,868	0	0	152	156
Delaware	23	69	-66.0%	0	0	23	69	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,312	1,927	20.0%	2,199	1,801	113	126	0	0	0	0
Georgia	2,012	1,960	2.6%	1,966	1,928	0	0	0	0	46	32
Maryland	694	636	9.3%	0	0	669	607	0	0	26	28
North Carolina	1,695	1,513	12.0%	1,695	1,513	0	0	0	0	0	0
South Carolina	1,009	792	27.0%	1,002	766	0	0	0	0	8	27
Virginia	909	918	-1.0%	808	835	67	44	0	0	35	40
West Virginia	2,467	2,436	1.3%	1,562	1,386	868	1,022	0	0	38	29
East South Central	8,371	7,298	15.0%	7,872	6,782	369	386	0	0	130	130
Alabama	2,294	2,083	10.0%	2,294	2,083	0	0	0	0	0	0
Kentucky	3,455	3,000	15.0%	3,455	3,000	0	0	0	0	0	0
Mississippi	755	646	17.0%	386	260	369	386	0	0	0	0
Tennessee	1,866	1,570	19.0%	1,736	1,439	0	0	0	0	130	130
West South Central	13,897	13,700	1.4%	7,051	6,759	6,840	6,941	0	0	6	0
Arkansas	1,679	1,375	22.0%	1,498	1,178	175	197	0	0	6	0
Louisiana	1,239	1,346	-8.0%	665	769	574	577	0	0	0	0
Oklahoma	1,588	1,497	6.1%	1,482	1,398	106	99	0	0	0	0
Texas	9,390	9,481	-1.0%	3,406	3,414	5,984	6,067	0	0	0	0
Mountain	9,242	9,295	-0.6%	8,243	8,564	962	698	0	0	37	34
Arizona	2,178	1,946	12.0%	2,178	1,946	0	0	0	0	0	0
Colorado	1,431	1,705	-16.0%	1,431	1,705	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	887	636	40.0%	0	0	887	636	0	0	0	0
Nevada	325	206	58.0%	250	145	75	61	0	0	0	0
New Mexico	969	1,211	-20.0%	969	1,211	0	0	0	0	0	0
Utah	1,102	1,135	-2.9%	1,065	1,100	0	0	0	0	37	34
Wyoming	2,350	2,457	-4.4%	2,350	2,457	0	0	0	0	0	0
Pacific Contiguous	536	731	-27.0%	194	153	300	525	0	0	43	53
California	65	95	-32.0%	0	0	22	41	0	0	43	53
Oregon	194	153	26.0%	194	153	0	0	0	0	0	0
Washington	278	483	-43.0%	0	0	278	483	0	0	0	0
Pacific Noncontiguous	60	61	-1.1%	0	0	60	61	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	60	61	-1.1%	0	0	60	61	0	0	0	0
U.S. Total	74,999	74,510	0.7%	55,193	54,375	19,006	19,383	7	17	794	736

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

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	2,187	2,080	5.1%	436	551	1,728	1,510	0	0	23	19
Connecticut	470	237	98.0%	0	0	470	237	0	0	0	0
Maine	66	45	48.0%	0	0	44	26	0	0	23	19
Massachusetts	1,045	1,248	-16.0%	0	0	1,045	1,248	0	0	0	0
New Hampshire	436	551	-21.0%	436	551	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	25,779	24,943	3.4%	0	0	25,467	24,659	0	0	312	283
New Jersey	741	730	1.5%	0	0	741	730	0	0	0	0
New York	2,262	1,919	18.0%	0	0	2,054	1,692	0	0	208	226
Pennsylvania	22,776	22,294	2.2%	0	0	22,673	22,237	0	0	103	57
East North Central	127,268	121,801	4.5%	82,342	80,692	42,949	39,219	55	57	1,922	1,833
Illinois	40,954	38,708	5.8%	3,468	4,291	36,189	33,183	0	0	1,297	1,234
Indiana	27,098	24,120	12.0%	25,265	22,450	1,833	1,670	0	0	0	0
Michigan	18,257	18,639	-2.0%	17,978	18,405	164	102	55	57	59	76
Ohio	26,959	25,446	5.9%	22,005	21,012	4,763	4,265	0	0	190	169
Wisconsin	14,001	14,888	-6.0%	13,626	14,534	0	0	0	0	375	354
West North Central	86,842	86,557	0.3%	85,922	85,638	0	0	59	66	861	854
Iowa	11,554	12,955	-11.0%	10,693	12,101	0	0	0	0	861	854
Kansas	12,280	12,310	-0.2%	12,280	12,310	0	0	0	0	0	0
Minnesota	9,925	7,853	26.0%	9,925	7,853	0	0	0	0	0	0
Missouri	27,100	27,658	-2.0%	27,041	27,593	0	0	59	66	0	0
Nebraska	9,965	9,916	0.5%	9,965	9,916	0	0	0	0	0	0
North Dakota	14,825	14,681	1.0%	14,825	14,681	0	0	0	0	0	0
South Dakota	1,193	1,183	0.8%	1,193	1,183	0	0	0	0	0	0
South Atlantic	79,318	71,605	11.0%	62,369	57,546	15,772	13,006	0	0	1,177	1,053
Delaware	453	385	18.0%	0	0	453	385	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	13,676	12,813	6.7%	13,079	12,289	597	524	0	0	0	0
Georgia	13,547	12,271	10.0%	13,231	12,036	0	0	0	0	316	234
Maryland	5,766	4,416	31.0%	0	0	5,517	4,186	0	0	249	229
North Carolina	10,707	10,170	5.3%	10,707	10,170	0	0	0	0	0	0
South Carolina	6,683	6,010	11.0%	6,547	5,912	0	0	0	0	135	98
Virginia	7,037	5,947	18.0%	6,233	5,248	587	394	0	0	217	305
West Virginia	21,450	19,594	9.5%	12,571	11,891	8,619	7,517	0	0	260	187
East South Central	58,497	56,831	2.9%	55,074	53,216	2,390	2,551	0	0	1,033	1,065
Alabama	15,892	14,350	11.0%	15,892	14,350	0	0	0	0	0	0
Kentucky	24,311	25,460	-4.5%	24,311	25,460	0	0	0	0	0	0
Mississippi	4,514	3,995	13.0%	2,123	1,444	2,390	2,551	0	0	0	0
Tennessee	13,781	13,026	5.8%	12,748	11,961	0	0	0	0	1,033	1,065
West South Central	95,982	98,278	-2.3%	48,513	50,426	47,436	47,852	0	0	32	0
Arkansas	11,999	10,997	9.1%	10,689	9,750	1,277	1,247	0	0	32	0
Louisiana	7,253	9,738	-26.0%	3,161	5,303	4,092	4,435	0	0	0	0
Oklahoma	11,869	11,705	1.4%	11,143	10,967	726	739	0	0	0	0
Texas	64,862	65,838	-1.5%	23,521	24,407	41,341	41,430	0	0	0	0
Mountain	67,679	69,273	-2.3%	61,556	62,895	5,902	6,189	0	0	221	189
Arizona	15,081	14,322	5.3%	15,081	14,322	0	0	0	0	0	0
Colorado	11,184	12,154	-8.0%	11,184	12,154	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	5,386	5,677	-5.1%	0	0	5,386	5,677	0	0	0	0
Nevada	2,737	1,503	82.0%	2,221	991	516	512	0	0	0	0
New Mexico	7,899	9,636	-18.0%	7,899	9,636	0	0	0	0	0	0
Utah	8,824	9,450	-6.6%	8,603	9,261	0	0	0	0	221	189
Wyoming	16,567	16,532	0.2%	16,567	16,532	0	0	0	0	0	0
Pacific Contiguous	5,086	3,303	54.0%	1,483	903	3,231	1,984	0	0	372	416
California	545	564	-3.4%	0	0	174	148	0	0	372	416
Oregon	1,483	903	64.0%	1,483	903	0	0	0	0	0	0
Washington	3,058	1,836	67.0%	0	0	3,058	1,836	0	0	0	0
Pacific Noncontiguous	483	483	-0.1%	0	0	483	483	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	483	483	-0.1%	0	0	483	483	0	0	0	0
U.S. Total	549,121	535,156	2.6%	397,695	391,867	145,360	137,454	114	123	5,952	5,712

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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, August 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	124	299	-59.0%	122	107	1	192	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	1	1	-7.8%	0	0	1	1	0	0	0	0
Massachusetts	14	191	-92.0%	14	0	0	191	0	0	0	0
New Hampshire	108	107	1.1%	108	107	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	208	180	15.0%	87	34	118	145	0	0	3	1
New Jersey	5	5	-10.0%	0	0	5	5	0	0	0	0
New York	184	133	39.0%	87	34	95	98	0	0	3	1
Pennsylvania	19	42	-56.0%	0	0	19	42	0	0	0	0
East North Central	87	95	-8.4%	66	75	20	17	0	0	1	4
Illinois	10	11	-12.0%	3	3	7	8	0	0	0	0
Indiana	20	18	8.0%	20	18	0	0	0	0	0	0
Michigan	13	15	-11.0%	13	14	0	0	0	0	0	1
Ohio	38	42	-8.9%	24	30	13	9	0	0	1	3
Wisconsin	7	9	-29.0%	7	9	0	0	0	0	0	0
West North Central	22	25	-12.0%	22	25	0	0	0	0	0	0
Iowa	4	7	-51.0%	4	7	0	0	0	0	0	0
Kansas	9	2	321.0%	9	2	0	0	0	0	0	0
Minnesota	1	4	-72.0%	1	4	0	0	0	0	0	0
Missouri	7	4	60.0%	7	4	0	0	0	0	0	0
Nebraska	0	2	-100.0%	0	2	0	0	0	0	0	0
North Dakota	1	5	-74.0%	1	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	165	290	-43.0%	135	240	16	31	0	0	14	19
Delaware	0	2	-100.0%	0	0	0	2	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	12	113	-90.0%	12	113	0	0	0	0	0	0
Georgia	8	27	-69.0%	4	11	0	0	0	0	5	16
Maryland	15	27	-44.0%	0	0	15	27	0	0	0	0
North Carolina	14	15	-3.9%	14	15	0	0	0	0	0	0
South Carolina	11	9	23.0%	2	8	0	0	0	0	9	1
Virginia	81	77	5.0%	80	73	1	2	0	0	0	2
West Virginia	23	20	15.0%	23	20	0	0	0	0	0	0
East South Central	33	30	9.2%	33	30	0	0	0	0	0	0
Alabama	4	9	-53.0%	4	9	0	0	0	0	0	0
Kentucky	23	10	123.0%	23	10	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	6	11	-48.0%	6	11	0	0	0	0	0	0
West South Central	67	17	284.0%	54	6	13	12	0	0	0	0
Arkansas	3	1	436.0%	0	1	3	0	0	0	0	0
Louisiana	50	4	NM	46	0	4	4	0	0	0	0
Oklahoma	0	1	-100.0%	0	1	0	0	0	0	0	0
Texas	14	12	17.0%	8	4	6	8	0	0	0	0
Mountain	31	29	4.0%	26	29	5	1	0	0	0	0
Arizona	11	10	11.0%	11	10	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	4	0	--	0	0	4	0	0	0	0	0
Nevada	2	4	-44.0%	2	3	0	1	0	0	0	0
New Mexico	5	7	-24.0%	5	7	0	0	0	0	0	0
Utah	1	3	-66.0%	1	3	0	0	0	0	0	0
Wyoming	7	6	19.0%	7	6	0	0	0	0	0	0
Pacific Contiguous	3	0	--	0	0	3	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	3	0	--	0	0	3	0	0	0	0	0
Pacific Noncontiguous	764	989	-23.0%	578	807	186	182	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	764	989	-23.0%	578	807	186	182	0	0	0	0
U.S. Total	1,503	1,956	-23.0%	1,124	1,353	361	579	0	0	18	24

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

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

Table 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) August 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	2,183	1,221	79.0%	333	214	1,812	993	0	0	39	15
Connecticut	492	107	360.0%	0	0	492	107	0	0	0	0
Maine	241	383	-37.0%	0	0	203	368	0	0	39	15
Massachusetts	947	498	90.0%	95	0	851	498	0	0	0	0
New Hampshire	417	214	95.0%	238	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	3,857	1,683	129.0%	894	423	2,952	1,242	0	0	10	18
New Jersey	232	46	401.0%	0	0	232	46	0	0	0	0
New York	2,720	1,292	111.0%	894	423	1,816	852	0	0	9	17
Pennsylvania	905	345	162.0%	0	0	904	344	0	0	1	1
East North Central	1,047	738	42.0%	679	594	336	127	0	0	32	16
Illinois	118	90	32.0%	30	28	89	61	0	0	0	0
Indiana	190	155	23.0%	190	155	0	0	0	0	0	0
Michigan	159	157	1.2%	149	149	0	0	0	0	10	8
Ohio	504	282	79.0%	239	210	245	64	0	0	20	7
Wisconsin	75	54	40.0%	71	51	2	2	0	0	2	1
West North Central	373	307	21.0%	370	307	2	0	0	0	0	0
Iowa	66	76	-13.0%	66	76	0	0	0	0	0	0
Kansas	57	64	-11.0%	57	64	0	0	0	0	0	0
Minnesota	67	21	220.0%	64	21	2	0	0	0	0	0
Missouri	117	72	64.0%	117	72	0	0	0	0	0	0
Nebraska	29	23	27.0%	29	23	0	0	0	0	0	0
North Dakota	31	47	-34.0%	31	47	0	0	0	0	0	0
South Dakota	6	5	22.0%	6	5	0	0	0	0	0	0
South Atlantic	4,254	1,997	113.0%	2,976	1,512	1,141	263	0	0	137	222
Delaware	21	17	25.0%	0	0	21	17	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	295	723	-59.0%	286	717	9	6	0	0	0	0
Georgia	287	186	54.0%	182	107	47	4	0	0	58	75
Maryland	771	132	482.0%	0	0	771	132	0	0	0	0
North Carolina	595	210	184.0%	584	161	11	49	0	0	0	0
South Carolina	455	202	126.0%	400	82	0	0	0	0	56	120
Virginia	1,653	356	364.0%	1,376	274	253	55	0	0	24	27
West Virginia	177	171	3.4%	149	171	29	0	0	0	0	0
East South Central	395	482	-18.0%	372	482	23	0	0	0	0	0
Alabama	108	111	-2.6%	86	111	23	0	0	0	0	0
Kentucky	150	120	25.0%	150	120	0	0	0	0	0	0
Mississippi	15	13	17.0%	15	13	0	0	0	0	0	0
Tennessee	121	238	-49.0%	121	238	0	0	0	0	0	0
West South Central	251	187	34.0%	129	62	122	125	0	0	0	0
Arkansas	24	33	-28.0%	12	11	12	23	0	0	0	0
Louisiana	99	39	157.0%	63	5	37	33	0	0	0	0
Oklahoma	14	12	19.0%	14	12	0	0	0	0	0	0
Texas	113	103	10.0%	40	33	73	70	0	0	0	0
Mountain	242	247	-2.2%	223	233	18	14	0	0	0	0
Arizona	66	66	-0.9%	66	66	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	16	10	60.0%	0	0	16	10	0	0	0	0
Nevada	17	21	-17.0%	15	16	2	4	0	0	0	0
New Mexico	74	62	19.0%	74	62	0	0	0	0	0	0
Utah	20	37	-44.0%	20	37	0	0	0	0	0	0
Wyoming	44	48	-8.7%	44	48	0	0	0	0	0	0
Pacific Contiguous	20	32	-39.0%	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	-53.0%	0	15	12	11	0	0	0	0
Pacific Noncontiguous	6,005	6,247	-3.9%	4,702	4,939	1,303	1,308	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	6,005	6,247	-3.9%	4,702	4,939	1,303	1,308	0	0	0	0
U.S. Total	18,627	13,142	42.0%	10,688	8,787	7,721	4,083	0	0	218	272

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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, August 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 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	55	123.0%	63	7	49	34	0	0	9	14
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	38	0	--	38	0	0	0	0	0	0	0
Michigan	26	4	576.0%	22	0	4	4	0	0	0	0
Ohio	46	30	53.0%	0	0	46	30	0	0	0	0
Wisconsin	12	21	-44.0%	3	7	0	0	0	0	9	14
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	49	130	-62.0%	34	109	0	0	0	0	15	21
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	34	109	-69.0%	34	109	0	0	0	0	0	0
Georgia	15	21	-30.0%	0	0	0	0	0	0	15	21
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	81	23	258.0%	81	23	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	81	23	258.0%	81	23	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	186	164	14.0%	186	136	0	0	0	0	0	28
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	186	136	37.0%	186	136	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	28	-100.0%	0	0	0	0	0	0	0	28
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	439	372	18.0%	365	274	49	34	0	0	24	63

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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) August 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 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	1,020	534	91.0%	608	28	335	409	0	0	76	97
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	318	0	--	318	0	0	0	0	0	0	0
Michigan	268	31	763.0%	253	14	15	17	0	0	0	0
Ohio	321	392	-18.0%	0	0	321	392	0	0	0	0
Wisconsin	113	111	2.0%	37	14	0	0	0	0	76	97
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	808	786	2.8%	748	720	0	0	0	0	60	66
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	748	720	3.9%	748	720	0	0	0	0	0	0
Georgia	60	66	-8.9%	0	0	0	0	0	0	60	66
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	278	359	-23.0%	278	359	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	278	359	-23.0%	278	359	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	1,190	1,266	-6.0%	1,190	1,045	0	0	0	0	0	221
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,190	1,045	14.0%	1,190	1,045	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	221	-100.0%	0	0	0	0	0	0	0	221
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	3,296	2,945	12.0%	2,824	2,152	335	409	0	0	136	384

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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, August 2014 and 2013
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	37,234	39,756	-6.3%	252	157	36,409	38,342	0	0	574	1,257
Connecticut	10,190	9,548	6.7%	0	0	10,190	9,548	0	0	0	0
Maine	2,598	2,869	-9.5%	0	0	2,024	1,612	0	0	574	1,257
Massachusetts	15,493	18,446	-16.0%	222	76	15,272	18,370	0	0	0	0
New Hampshire	3,336	3,638	-8.3%	30	81	3,305	3,557	0	0	0	0
Rhode Island	5,618	5,254	6.9%	0	0	5,618	5,254	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	103,007	93,792	9.8%	10,492	10,831	92,394	82,815	0	0	122	146
New Jersey	22,329	19,809	13.0%	0	0	22,329	19,809	0	0	0	0
New York	42,490	40,222	5.6%	10,492	10,831	31,934	29,330	0	0	63	61
Pennsylvania	38,189	33,761	13.0%	0	0	38,131	33,676	0	0	58	85
East North Central	43,810	45,825	-4.4%	14,948	17,247	28,268	28,224	511	287	82	66
Illinois	5,020	5,956	-16.0%	589	765	4,429	5,185	0	0	2	6
Indiana	5,553	8,186	-32.0%	3,240	5,615	2,313	2,571	0	0	0	0
Michigan	8,832	10,023	-12.0%	2,531	2,749	5,741	6,949	511	287	48	38
Ohio	18,704	14,723	27.0%	5,958	4,421	12,742	10,295	0	0	4	6
Wisconsin	5,701	6,937	-18.0%	2,630	3,697	3,042	3,224	0	0	28	16
West North Central	12,948	14,401	-10.0%	11,250	12,496	1,587	1,781	108	123	4	0
Iowa	3,178	2,461	29.0%	3,175	2,461	0	0	0	0	3	0
Kansas	1,690	1,583	6.8%	1,690	1,583	0	0	0	0	0	0
Minnesota	2,865	5,239	-45.0%	2,563	3,873	302	1,366	0	0	0	0
Missouri	4,181	3,353	25.0%	2,788	2,814	1,285	415	108	123	0	0
Nebraska	491	999	-51.0%	491	999	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	542	766	-29.0%	542	766	0	0	0	0	0	0
South Atlantic	201,286	190,093	5.9%	159,612	153,038	39,509	35,016	0	0	2,166	2,038
Delaware	6,172	5,156	20.0%	0	0	5,221	4,101	0	0	952	1,055
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	111,570	104,660	6.6%	104,481	98,637	7,088	6,023	0	0	0	0
Georgia	33,504	28,577	17.0%	21,653	20,173	11,272	7,737	0	0	579	668
Maryland	2,895	1,490	94.0%	0	0	2,881	1,448	0	0	15	42
North Carolina	20,514	19,387	5.8%	14,245	12,962	6,268	6,424	0	0	0	0
South Carolina	8,870	10,193	-13.0%	8,282	8,151	570	2,011	0	0	18	32
Virginia	17,106	20,385	-16.0%	10,930	13,115	5,573	7,028	0	0	603	242
West Virginia	656	245	168.0%	21	0	635	245	0	0	0	0
East South Central	64,617	63,765	1.3%	32,710	37,255	31,341	26,501	0	0	566	8
Alabama	33,260	31,732	4.8%	6,485	8,956	26,775	22,776	0	0	0	0
Kentucky	1,044	1,115	-6.4%	986	851	58	264	0	0	0	0
Mississippi	24,306	27,173	-11.0%	19,799	23,712	4,508	3,461	0	0	0	0
Tennessee	6,007	3,745	60.0%	5,441	3,736	0	0	0	0	566	8
West South Central	287,630	296,796	-3.1%	82,676	93,014	152,058	148,787	0	0	52,897	54,995
Arkansas	7,716	9,703	-20.0%	1,104	3,447	6,311	6,256	0	0	301	0
Louisiana	48,700	48,136	1.2%	24,586	22,746	8,118	8,400	0	0	15,995	16,990
Oklahoma	25,847	30,635	-16.0%	17,069	21,870	8,778	8,765	0	0	0	0
Texas	205,368	208,321	-1.4%	39,916	44,950	128,851	125,366	0	0	36,601	38,005
Mountain	68,741	73,220	-6.1%	44,900	43,157	23,787	30,030	0	0	54	33
Arizona	27,719	32,130	-14.0%	12,430	13,826	15,289	18,304	0	0	0	0
Colorado	7,971	8,760	-9.0%	4,987	4,593	2,984	4,166	0	0	0	0
Idaho	2,606	2,869	-9.2%	1,531	1,660	1,075	1,209	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	17,265	17,697	-2.4%	15,034	14,141	2,231	3,556	0	0	0	0
New Mexico	7,448	7,312	1.9%	5,438	5,010	2,010	2,301	0	0	0	0
Utah	5,730	4,448	29.0%	5,478	3,922	197	494	0	0	54	33
Wyoming	3	5	-49.0%	3	5	0	0	0	0	0	0
Pacific Contiguous	92,684	93,619	-1.0%	36,237	37,223	52,504	52,511	0	0	3,943	3,885
California	71,743	72,090	-0.5%	22,117	23,232	45,682	44,973	0	0	3,943	3,885
Oregon	10,406	10,949	-5.0%	4,687	4,583	5,718	6,365	0	0	0	0
Washington	10,536	10,580	-0.4%	9,433	9,408	1,103	1,173	0	0	0	0
Pacific Noncontiguous	1,634	1,816	-10.0%	1,634	1,816	0	0	0	0	0	0
Alaska	1,634	1,816	-10.0%	1,634	1,816	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	913,593	913,083	0.1%	394,709	406,236	457,856	444,009	619	411	60,408	62,428

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

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	221,610	252,097	-12.0%	1,515	1,234	215,966	241,540	0	0	4,128	9,323
Connecticut	64,662	71,737	-9.9%	0	0	64,662	71,737	0	0	0	0
Maine	21,793	23,246	-6.3%	0	0	17,664	13,923	0	0	4,128	9,323
Massachusetts	85,908	106,049	-19.0%	1,174	903	84,734	105,146	0	0	0	0
New Hampshire	19,473	19,570	-0.5%	341	330	19,132	19,239	0	0	0	0
Rhode Island	29,775	31,495	-5.5%	0	0	29,775	31,495	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	653,664	652,472	0.2%	65,533	76,011	586,830	575,180	0	0	1,300	1,282
New Jersey	146,068	135,157	8.1%	0	0	146,068	135,157	0	0	0	0
New York	271,777	286,367	-5.1%	65,533	76,011	205,646	209,828	0	0	598	528
Pennsylvania	235,819	230,949	2.1%	0	0	235,117	230,195	0	0	703	754
East North Central	294,960	304,640	-3.2%	112,762	113,435	177,485	186,843	2,979	2,590	1,733	1,772
Illinois	22,337	31,820	-30.0%	2,471	4,145	19,835	27,634	0	0	31	41
Indiana	50,093	51,033	-1.8%	34,297	34,423	15,796	16,610	0	0	0	0
Michigan	69,325	71,844	-3.5%	17,825	17,725	47,548	50,782	2,979	2,590	972	746
Ohio	117,384	108,272	8.4%	41,478	36,637	75,788	71,595	0	0	119	40
Wisconsin	35,821	41,672	-14.0%	16,691	20,505	18,518	20,223	0	0	612	944
West North Central	61,195	84,174	-27.0%	51,896	71,665	8,775	11,940	508	560	17	8
Iowa	9,067	11,739	-23.0%	9,052	11,731	0	0	0	0	15	8
Kansas	9,533	11,464	-17.0%	9,533	11,464	0	0	0	0	0	0
Minnesota	17,528	32,035	-45.0%	13,613	26,130	3,913	5,905	0	0	1	0
Missouri	20,500	24,302	-16.0%	15,131	17,707	4,861	6,035	508	560	0	0
Nebraska	2,523	2,783	-9.3%	2,523	2,783	0	0	0	0	0	0
North Dakota	8	0	--	8	0	0	0	0	0	0	0
South Dakota	2,035	1,851	9.9%	2,035	1,851	0	0	0	0	0	0
South Atlantic	1,254,362	1,252,705	0.1%	1,019,812	1,010,053	219,671	221,292	0	0	14,880	21,360
Delaware	33,876	39,015	-13.0%	0	0	27,158	27,340	0	0	6,718	11,675
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	701,580	679,390	3.3%	670,245	644,926	31,335	34,464	0	0	0	0
Georgia	187,745	198,062	-5.2%	132,617	144,895	49,929	46,699	0	0	5,199	6,468
Maryland	12,957	15,158	-15.0%	0	0	12,764	14,697	0	0	194	461
North Carolina	135,231	132,689	1.9%	93,950	87,410	41,281	45,108	0	0	0	171
South Carolina	60,843	64,900	-6.3%	54,406	58,131	6,232	6,541	0	0	205	229
Virginia	117,933	121,105	-2.6%	66,775	74,326	48,595	44,423	0	0	2,564	2,356
West Virginia	4,197	2,386	76.0%	1,819	365	2,379	2,021	0	0	0	0
East South Central	429,149	429,294	0.0%	251,731	255,223	175,827	173,974	0	0	1,590	97
Alabama	205,517	214,846	-4.3%	60,448	61,511	145,069	153,335	0	0	0	0
Kentucky	22,597	11,885	90.0%	21,085	9,841	1,512	2,044	0	0	0	0
Mississippi	166,953	176,462	-5.4%	137,707	157,867	29,246	18,595	0	0	0	0
Tennessee	34,081	26,100	31.0%	32,491	26,003	0	0	0	0	1,590	97
West South Central	1,752,212	1,773,123	-1.2%	467,873	486,581	876,089	870,806	0	0	408,250	415,736
Arkansas	52,499	66,611	-21.0%	8,346	16,340	42,934	50,272	0	0	1,219	0
Louisiana	330,513	313,220	5.5%	141,399	128,448	58,302	49,943	0	0	130,812	134,828
Oklahoma	148,339	172,732	-14.0%	100,801	131,155	47,538	41,578	0	0	0	0
Texas	1,220,862	1,220,560	0.0%	217,328	210,639	727,314	729,013	0	0	276,219	280,908
Mountain	368,880	387,196	-4.7%	247,227	245,061	121,216	141,720	0	0	437	415
Arizona	124,809	135,105	-7.6%	59,781	59,973	65,028	75,132	0	0	0	0
Colorado	57,483	54,646	5.2%	33,412	30,614	24,071	24,033	0	0	0	0
Idaho	10,397	13,642	-24.0%	5,638	6,955	4,759	6,687	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	94,677	112,135	-16.0%	83,542	93,554	11,135	18,581	0	0	0	0
New Mexico	45,313	43,968	3.1%	30,023	29,666	15,290	14,302	0	0	0	0
Utah	36,131	27,642	31.0%	34,760	24,241	934	2,986	0	0	437	415
Wyoming	70	58	19.0%	70	58	0	0	0	0	0	0
Pacific Contiguous	562,868	559,216	0.7%	205,207	205,545	327,043	324,278	0	0	30,618	29,392
California	472,116	462,955	2.0%	148,968	150,646	292,530	282,917	0	0	30,618	29,392
Oregon	50,532	60,275	-16.0%	19,055	21,580	31,477	38,695	0	0	0	0
Washington	40,219	35,986	12.0%	37,184	33,320	3,035	2,667	0	0	0	0
Pacific Noncontiguous	13,029	16,474	-21.0%	13,029	16,474	0	0	0	0	0	0
Alaska	13,029	16,474	-21.0%	13,029	16,474	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	5,611,930	5,711,391	-1.7%	2,436,587	2,481,281	2,708,901	2,747,574	3,487	3,150	462,954	479,386

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

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

Table 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, August 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013
New England	W	W	W	3.99	4.33	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	3.99	4.33	-7.9%	3.99	4.33	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.53	2.56	-1.2%	--	--	2.53	2.56
New Jersey	W	3.94	W	--	--	W	3.94
New York	W	3.11	W	--	--	W	3.11
Pennsylvania	2.48	2.47	0.4%	--	--	2.48	2.47
East North Central	2.33	2.26	3.1%	2.43	2.41	2.12	1.90
Illinois	2.06	1.85	11.0%	2.18	2.04	2.05	1.82
Indiana	W	W	W	2.56	2.51	W	W
Michigan	W	W	W	2.47	2.55	W	W
Ohio	W	W	W	2.31	2.27	W	W
Wisconsin	2.35	2.34	0.4%	2.35	2.34	--	--
West North Central	1.79	1.73	3.5%	1.79	1.73	--	--
Iowa	1.65	1.62	1.9%	1.65	1.62	--	--
Kansas	1.81	1.77	2.3%	1.81	1.77	--	--
Minnesota	2.02	2.01	0.5%	2.02	2.01	--	--
Missouri	2.00	1.89	5.8%	2.00	1.89	--	--
Nebraska	1.39	1.39	0.0%	1.39	1.39	--	--
North Dakota	1.60	1.53	4.6%	1.60	1.53	--	--
South Dakota	2.07	1.94	6.7%	2.07	1.94	--	--
South Atlantic	3.13	3.21	-2.5%	3.22	3.31	2.68	2.80
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.30	3.37	W	W
Georgia	3.15	3.13	0.6%	3.15	3.13	--	--
Maryland	2.87	3.29	-13.0%	--	--	2.87	3.29
North Carolina	3.66	3.91	-6.4%	3.66	3.91	--	--
South Carolina	3.62	3.78	-4.2%	3.62	3.78	--	--
Virginia	W	W	W	3.16	3.13	W	W
West Virginia	2.38	2.43	-2.1%	2.48	2.59	2.19	2.19
East South Central	W	W	W	2.56	2.53	W	W
Alabama	2.85	2.83	0.7%	2.85	2.83	--	--
Kentucky	2.34	2.34	0.0%	2.34	2.34	--	--
Mississippi	W	W	W	3.18	3.70	W	W
Tennessee	2.52	2.31	9.1%	2.52	2.31	--	--
West South Central	2.04	2.05	-0.5%	2.14	2.21	1.93	1.87
Arkansas	W	W	W	2.44	2.41	W	W
Louisiana	W	W	W	2.25	2.93	W	W
Oklahoma	W	W	W	1.97	2.03	W	W
Texas	1.96	1.91	2.6%	2.06	2.06	1.90	1.82
Mountain	W	W	W	2.01	1.95	W	W
Arizona	2.09	2.03	3.0%	2.09	2.03	--	--
Colorado	2.00	1.93	3.6%	2.00	1.93	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.55	2.83	W	W
New Mexico	2.48	2.34	6.0%	2.48	2.34	--	--
Utah	2.19	2.14	2.3%	2.19	2.14	--	--
Wyoming	1.55	1.56	-0.6%	1.55	1.56	--	--
Pacific Contiguous	W	W	W	2.57	1.97	W	W
California	W	W	W	--	--	W	W
Oregon	2.57	1.97	30.0%	2.57	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	2.32	1.7%	2.41	2.37	2.20	2.17

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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) August 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	3.56	3.78	-5.8%	4.30	4.26	3.34	3.58
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.30	4.26	0.9%	4.30	4.26	--	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.68	2.59	3.5%	--	--	2.68	2.59
New Jersey	3.84	3.79	1.3%	--	--	3.84	3.79
New York	3.02	2.98	1.3%	--	--	3.02	2.98
Pennsylvania	2.61	2.52	3.6%	--	--	2.61	2.52
East North Central	2.32	2.28	1.8%	2.44	2.43	2.06	1.95
Illinois	1.99	1.88	5.9%	2.09	2.09	1.98	1.85
Indiana	W	W	W	2.58	2.54	W	W
Michigan	W	W	W	2.60	2.70	W	W
Ohio	W	W	W	2.29	2.24	W	W
Wisconsin	2.33	2.32	0.4%	2.33	2.32	--	--
West North Central	1.78	1.76	1.1%	1.78	1.76	--	--
Iowa	1.64	1.63	0.6%	1.64	1.63	--	--
Kansas	1.79	1.79	0.0%	1.79	1.79	--	--
Minnesota	1.95	2.02	-3.5%	1.95	2.02	--	--
Missouri	2.00	1.91	4.7%	2.00	1.91	--	--
Nebraska	1.40	1.44	-2.8%	1.40	1.44	--	--
North Dakota	1.54	1.54	0.0%	1.54	1.54	--	--
South Dakota	2.10	2.00	5.0%	2.10	2.00	--	--
South Atlantic	3.10	3.24	-4.3%	3.22	3.34	2.65	2.80
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.34	3.44	W	W
Georgia	3.13	3.19	-1.9%	3.13	3.19	--	--
Maryland	3.02	3.51	-14.0%	--	--	3.02	3.51
North Carolina	3.61	3.87	-6.7%	3.61	3.87	--	--
South Carolina	3.64	3.78	-3.7%	3.64	3.78	--	--
Virginia	W	W	W	3.21	3.31	W	W
West Virginia	2.43	2.50	-2.8%	2.61	2.70	2.16	2.18
East South Central	W	W	W	2.53	2.53	W	W
Alabama	2.75	2.80	-1.8%	2.75	2.80	--	--
Kentucky	2.36	2.36	0.0%	2.36	2.36	--	--
Mississippi	W	W	W	3.32	4.01	W	W
Tennessee	2.47	2.43	1.6%	2.47	2.43	--	--
West South Central	2.06	2.09	-1.4%	2.16	2.26	1.95	1.91
Arkansas	W	W	W	2.38	2.38	W	W
Louisiana	W	W	W	2.44	2.89	W	W
Oklahoma	W	W	W	1.97	2.03	W	W
Texas	2.00	1.99	0.5%	2.12	2.17	1.93	1.87
Mountain	W	W	W	1.99	1.93	W	W
Arizona	2.11	2.06	2.4%	2.11	2.06	--	--
Colorado	1.93	1.91	1.0%	1.93	1.91	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.43	2.68	W	W
New Mexico	2.39	2.31	3.5%	2.39	2.31	--	--
Utah	2.07	2.02	2.5%	2.07	2.02	--	--
Wyoming	1.58	1.49	6.0%	1.58	1.49	--	--
Pacific Contiguous	W	W	W	2.49	1.94	W	W
California	W	W	W	--	--	W	W
Oregon	2.49	1.94	28.0%	2.49	1.94	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.35	2.34	0.4%	2.38	2.38	2.27	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, August 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013
New England	W	W	W	16.50	16.19	W	W
Connecticut	W	--	W	--	--	W	--
Maine	W	W	W	--	--	W	W
Massachusetts	20.77	W	W	20.77	--	--	W
New Hampshire	15.98	16.19	-1.3%	15.98	16.19	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	18.84	19.23	-2.0%	17.42	17.68	19.90	19.60
New Jersey	21.28	W	W	--	--	21.28	W
New York	W	W	W	17.42	17.68	W	W
Pennsylvania	W	21.97	W	--	--	W	21.97
East North Central	21.73	23.17	-6.2%	21.64	23.09	22.02	23.52
Illinois	22.90	23.51	-2.6%	24.95	23.57	22.18	23.48
Indiana	21.45	22.93	-6.5%	21.45	22.93	--	--
Michigan	21.06	22.40	-6.0%	21.06	22.40	--	--
Ohio	21.86	23.69	-7.7%	21.83	23.73	21.92	23.55
Wisconsin	21.30	22.23	-4.2%	21.30	22.23	--	--
West North Central	21.85	23.11	-5.5%	21.85	23.11	--	--
Iowa	21.58	22.75	-5.1%	21.58	22.75	--	--
Kansas	21.67	23.97	-9.6%	21.67	23.97	--	--
Minnesota	22.26	23.09	-3.6%	22.26	23.09	--	--
Missouri	21.85	22.46	-2.7%	21.85	22.46	--	--
Nebraska	--	23.42	--	--	23.42	--	--
North Dakota	23.43	23.73	-1.3%	23.43	23.73	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	20.79	18.96	9.7%	20.76	18.56	20.99	22.18
Delaware	--	W	W	--	--	--	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	22.34	17.02	W	W
Georgia	22.43	24.06	-6.8%	22.43	24.06	--	--
Maryland	W	W	W	--	--	W	W
North Carolina	21.24	22.93	-7.4%	21.24	22.93	--	--
South Carolina	21.57	23.83	-9.5%	21.57	23.83	--	--
Virginia	W	W	W	20.12	17.57	W	W
West Virginia	21.56	24.11	-11.0%	21.56	24.11	--	--
East South Central	21.50	22.88	-6.0%	21.50	22.88	--	--
Alabama	22.47	23.40	-4.0%	22.47	23.40	--	--
Kentucky	21.45	23.18	-7.5%	21.45	23.18	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	21.05	22.22	-5.3%	21.05	22.22	--	--
West South Central	21.38	23.51	-9.1%	21.25	23.36	21.94	23.58
Arkansas	W	25.30	W	--	25.30	W	--
Louisiana	W	W	W	21.30	--	W	W
Oklahoma	--	23.70	--	--	23.70	--	--
Texas	W	W	W	20.92	23.08	W	W
Mountain	W	W	W	24.08	24.29	W	W
Arizona	23.89	22.96	4.1%	23.89	22.96	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	--	W	--	--	W	--
Nevada	W	W	W	23.76	25.49	W	W
New Mexico	24.62	25.25	-2.5%	24.62	25.25	--	--
Utah	22.88	26.24	-13.0%	22.88	26.24	--	--
Wyoming	24.20	23.63	2.4%	24.20	23.63	--	--
Pacific Contiguous	W	--	W	--	--	W	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	--	W	--	--	W	--
Pacific Noncontiguous	W	W	W	21.56	20.04	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	21.56	20.04	W	W
U.S. Total	W	19.70	W	20.62	19.78	W	19.52

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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) August 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	W	W	W	18.75	16.73	W	W
Connecticut	W	19.09	W	--	--	W	19.09
Maine	W	W	W	--	--	W	W
Massachusetts	19.93	18.21	9.4%	21.39	--	19.78	18.21
New Hampshire	W	16.73	W	17.78	16.73	W	--
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	21.21	20.32	4.4%	19.82	21.84	21.68	19.80
New Jersey	23.62	21.18	12.0%	--	--	23.62	21.18
New York	20.39	19.93	2.3%	19.82	21.84	20.70	18.99
Pennsylvania	23.26	21.83	6.6%	--	--	23.26	21.83
East North Central	23.69	22.97	3.1%	23.00	22.95	25.19	23.07
Illinois	W	W	W	23.37	23.61	W	W
Indiana	23.26	23.01	1.1%	23.26	23.01	--	--
Michigan	22.38	W	W	22.38	22.91	--	W
Ohio	24.54	22.96	6.9%	23.41	22.97	25.63	22.93
Wisconsin	W	W	W	22.08	22.49	W	W
West North Central	W	22.64	W	22.37	22.64	W	--
Iowa	22.25	22.65	-1.8%	22.25	22.65	--	--
Kansas	22.09	22.64	-2.4%	22.09	22.64	--	--
Minnesota	W	23.09	W	22.57	23.09	W	--
Missouri	22.30	22.19	0.5%	22.30	22.19	--	--
Nebraska	22.19	22.48	-1.3%	22.19	22.48	--	--
North Dakota	23.15	23.12	0.1%	23.15	23.12	--	--
South Dakota	22.70	23.30	-2.6%	22.70	23.30	--	--
South Atlantic	22.39	W	W	22.36	20.06	22.47	W
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	23.01	18.76	W	W
Georgia	W	W	W	23.33	23.42	W	W
Maryland	21.87	21.74	0.6%	--	--	21.87	21.74
North Carolina	W	W	W	22.71	22.81	W	W
South Carolina	23.20	23.29	-0.4%	23.20	23.29	--	--
Virginia	21.91	W	W	21.58	17.62	23.74	W
West Virginia	W	23.80	W	23.71	23.80	W	--
East South Central	W	22.60	W	22.21	22.60	W	--
Alabama	W	22.30	W	22.01	22.30	W	--
Kentucky	22.40	22.70	-1.3%	22.40	22.70	--	--
Mississippi	21.90	21.63	1.2%	21.90	21.63	--	--
Tennessee	22.13	22.74	-2.7%	22.13	22.74	--	--
West South Central	21.73	22.33	-2.7%	21.66	22.53	21.81	22.22
Arkansas	W	W	W	22.91	22.54	W	W
Louisiana	W	W	W	21.46	22.21	W	W
Oklahoma	22.37	22.29	0.4%	22.37	22.29	--	--
Texas	W	W	W	21.34	22.67	W	W
Mountain	W	W	W	23.89	23.80	W	W
Arizona	23.53	24.43	-3.7%	23.53	24.43	--	--
Colorado	23.43	23.72	-1.2%	23.43	23.72	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	24.19	23.72	W	W
New Mexico	24.68	24.66	0.1%	24.68	24.66	--	--
Utah	22.50	21.96	2.5%	22.50	21.96	--	--
Wyoming	23.74	23.31	1.8%	23.74	23.31	--	--
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	21.55	20.46	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	21.55	20.46	W	W
U.S. Total	21.69	20.65	5.0%	21.71	20.81	21.66	20.28

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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, August 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.10	1.75	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.86	--	--	0.86	--	--	--
Michigan	W	W	W	1.45	--	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.84	1.75	5.1%	1.84	1.75	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.16	2.54	-15.0%	2.16	2.54	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.16	2.54	-15.0%	2.16	2.54	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.79	1.78	0.6%	1.79	1.78	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.79	1.78	0.6%	1.79	1.78	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	2.08	1.92	8.3%	2.08	1.92	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	2.08	1.92	8.3%	2.08	1.92	--	--
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	1.85	2.15	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) August 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 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	1.61	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.95	--	--	0.95	--	--	--
Michigan	W	W	W	1.45	1.50	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.88	1.72	9.3%	1.88	1.72	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.43	2.66	-8.6%	2.43	2.66	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.43	2.66	-8.6%	2.43	2.66	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.75	1.83	-4.4%	1.75	1.83	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.75	1.83	-4.4%	1.75	1.83	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	2.05	1.98	3.5%	2.05	1.98	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	2.05	1.98	3.5%	2.05	1.98	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	W	W	W	1.94	2.18	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, August 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	August 2014	August 2013	Percentage Change	August 2014	August 2013	August 2014	August 2013
New England	3.46	3.63	-4.7%	3.60	4.56	3.46	3.62
Connecticut	4.58	3.80	21.0%	--	--	4.58	3.80
Maine	W	W	W	--	--	W	W
Massachusetts	3.10	3.53	-12.0%	3.37	3.84	3.10	3.53
New Hampshire	W	W	W	5.25	5.26	W	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.85	3.82	-25.0%	3.18	4.20	2.81	3.77
New Jersey	2.70	3.20	-16.0%	--	--	2.70	3.20
New York	3.27	4.35	-25.0%	3.18	4.20	3.30	4.41
Pennsylvania	2.46	3.50	-30.0%	--	--	2.46	3.50
East North Central	3.86	3.87	-0.3%	3.82	3.84	3.88	3.89
Illinois	4.34	W	W	5.37	4.52	4.20	W
Indiana	W	W	W	4.29	3.76	W	W
Michigan	4.54	4.15	9.4%	4.64	4.16	4.50	4.15
Ohio	3.16	3.50	-9.7%	2.70	3.40	3.39	3.54
Wisconsin	W	4.13	W	4.75	4.14	W	4.12
West North Central	4.51	4.18	7.9%	4.51	4.17	4.54	4.25
Iowa	3.99	3.87	3.1%	3.99	3.87	--	--
Kansas	4.69	4.28	9.6%	4.69	4.28	--	--
Minnesota	W	W	W	5.21	4.27	W	W
Missouri	W	W	W	4.47	4.25	W	W
Nebraska	4.55	4.38	3.9%	4.55	4.38	--	--
North Dakota	3.80	--	--	3.80	--	--	--
South Dakota	3.84	3.95	-2.8%	3.84	3.95	--	--
South Atlantic	4.70	4.44	5.9%	4.77	4.52	4.30	3.97
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.95	4.68	5.8%	4.98	4.73	4.12	3.21
Georgia	4.41	4.02	9.7%	4.41	4.00	4.40	4.06
Maryland	4.11	4.79	-14.0%	--	--	4.11	4.79
North Carolina	4.86	W	W	4.82	4.47	4.96	W
South Carolina	W	W	W	4.38	4.60	W	W
Virginia	3.68	3.63	1.4%	3.75	3.71	3.53	3.48
West Virginia	W	3.62	W	4.08	--	W	3.62
East South Central	4.13	3.67	13.0%	4.11	3.65	4.16	3.70
Alabama	W	3.73	W	4.16	3.72	W	3.74
Kentucky	W	W	W	6.13	6.01	W	W
Mississippi	W	W	W	4.04	3.57	W	W
Tennessee	3.92	3.50	12.0%	3.92	3.50	--	--
West South Central	4.07	3.63	12.0%	4.16	3.80	4.00	3.51
Arkansas	W	W	W	9.12	6.85	W	W
Louisiana	4.09	W	W	4.08	3.62	4.13	W
Oklahoma	W	3.67	W	4.21	3.73	W	3.52
Texas	4.01	3.57	12.0%	4.05	3.70	4.00	3.52
Mountain	4.51	4.02	12.0%	4.58	4.11	4.31	3.81
Arizona	4.62	4.11	12.0%	4.92	4.43	4.19	3.72
Colorado	W	4.26	W	4.58	4.27	W	4.24
Idaho	4.31	W	W	4.31	3.62	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	4.57	3.97	W	W
New Mexico	4.39	3.92	12.0%	4.39	3.92	--	--
Utah	W	3.75	W	4.09	3.75	W	--
Wyoming	10.78	7.09	52.0%	10.78	7.09	--	--
Pacific Contiguous	4.47	3.98	12.0%	4.57	4.20	4.38	3.78
California	4.62	4.16	11.0%	4.86	4.56	4.46	3.88
Oregon	W	W	W	3.83	3.46	W	W
Washington	W	W	W	4.41	3.85	W	W
Pacific Noncontiguous	5.26	4.83	8.9%	5.26	4.83	--	--
Alaska	5.26	4.83	8.9%	5.26	4.83	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	4.13	3.93	5.1%	4.46	4.15	3.77	3.69

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

Table 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) August 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	August 2014 YTD	August 2013 YTD	Percentage Change	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	7.30	6.02	21.0%	5.84	7.19	7.31	6.01
Connecticut	7.58	6.21	22.0%	--	--	7.58	6.21
Maine	W	W	W	--	--	W	W
Massachusetts	7.22	5.88	23.0%	5.90	6.55	7.24	5.88
New Hampshire	W	W	W	5.65	8.91	W	W
Rhode Island	7.07	5.84	21.0%	--	--	7.07	5.84
Vermont	--	--	--	--	--	--	--
Middle Atlantic	5.88	4.65	26.0%	6.02	5.15	5.86	4.57
New Jersey	5.41	4.34	25.0%	--	--	5.41	4.34
New York	6.04	5.24	15.0%	6.02	5.15	6.05	5.28
Pennsylvania	5.94	4.06	46.0%	--	--	5.94	4.06
East North Central	5.69	4.12	38.0%	5.53	4.12	5.80	4.13
Illinois	W	W	W	6.12	4.75	W	W
Indiana	W	W	W	5.65	3.98	W	W
Michigan	7.48	4.46	68.0%	7.68	4.44	7.40	4.47
Ohio	4.49	3.85	17.0%	4.34	3.84	4.58	3.85
Wisconsin	5.69	4.33	31.0%	5.95	4.44	5.45	4.22
West North Central	6.03	4.44	36.0%	6.10	4.45	5.60	4.39
Iowa	7.16	4.37	64.0%	7.16	4.37	--	--
Kansas	5.73	4.37	31.0%	5.73	4.37	--	--
Minnesota	W	W	W	6.22	4.56	W	W
Missouri	W	W	W	5.71	4.39	W	W
Nebraska	5.92	4.75	25.0%	5.92	4.75	--	--
North Dakota	4.49	--	--	4.49	--	--	--
South Dakota	5.32	3.97	34.0%	5.32	3.97	--	--
South Atlantic	5.66	4.77	19.0%	5.68	4.84	5.55	4.32
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	5.56	5.00	11.0%	5.59	5.05	4.34	3.28
Georgia	5.18	4.34	19.0%	5.20	4.32	5.12	4.41
Maryland	5.57	W	W	--	--	5.57	W
North Carolina	W	W	W	6.31	4.80	W	W
South Carolina	W	W	W	5.07	4.55	W	W
Virginia	6.57	4.15	58.0%	7.07	4.31	5.81	3.90
West Virginia	W	4.20	W	6.24	3.85	W	4.27
East South Central	4.91	3.98	23.0%	4.91	3.95	4.91	4.05
Alabama	4.89	4.06	20.0%	4.84	4.00	4.91	4.08
Kentucky	W	W	W	5.97	5.48	W	W
Mississippi	W	W	W	4.81	3.86	W	W
Tennessee	4.79	3.76	27.0%	4.79	3.76	--	--
West South Central	4.81	3.88	24.0%	4.97	3.99	4.70	3.81
Arkansas	W	4.19	W	7.62	5.35	W	3.82
Louisiana	4.81	3.87	24.0%	4.86	3.92	4.67	3.75
Oklahoma	W	3.94	W	5.24	3.97	W	3.84
Texas	4.72	3.84	23.0%	4.81	3.94	4.69	3.81
Mountain	5.30	4.35	22.0%	5.38	4.45	5.01	4.11
Arizona	5.39	4.48	20.0%	5.81	4.88	4.69	4.02
Colorado	5.47	4.69	17.0%	5.56	4.73	5.33	4.63
Idaho	W	W	W	5.47	4.24	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	5.35	4.31	W	W
New Mexico	5.01	4.18	20.0%	5.01	4.18	--	--
Utah	W	3.96	W	4.85	3.96	W	--
Wyoming	7.25	7.04	3.0%	7.25	7.04	--	--
Pacific Contiguous	5.25	4.24	24.0%	5.41	4.53	5.10	4.00
California	5.33	4.34	23.0%	5.62	4.72	5.12	4.07
Oregon	W	W	W	4.50	3.68	W	W
Washington	W	W	W	5.19	4.37	W	W
Pacific Noncontiguous	5.06	4.64	9.1%	5.06	4.64	--	--
Alaska	5.06	4.64	9.1%	5.06	4.64	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	5.41	4.38	24.0%	5.42	4.48	5.40	4.27

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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, August 2014

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	102	0.90	11.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	3	0.82	8.8	0	--	--	0	--	--
Massachusetts	91	0.68	11.5	0	--	--	0	--	--
New Hampshire	9	2.90	7.4	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,741	3.06	10.8	92	0.23	5.7	0	--	--
New Jersey	44	1.84	9.2	0	--	--	0	--	--
New York	100	2.36	9.7	92	0.23	5.7	0	--	--
Pennsylvania	2,598	3.11	10.9	0	--	--	0	--	--
East North Central	7,817	2.99	9.9	9,341	0.25	4.9	0	--	--
Illinois	652	3.58	17.1	4,601	0.22	4.7	0	--	--
Indiana	3,322	2.77	9.1	331	0.25	4.7	0	--	--
Michigan	260	1.30	9.8	2,498	0.30	5.0	0	--	--
Ohio	3,330	3.31	9.6	86	0.26	4.8	0	--	--
Wisconsin	254	2.21	7.8	1,824	0.26	5.0	0	--	--
West North Central	147	3.28	8.5	9,293	0.28	5.2	1,974	0.85	9.7
Iowa	34	3.50	8.0	1,617	0.27	4.9	0	--	--
Kansas	35	2.96	11.8	1,541	0.32	5.1	0	--	--
Minnesota	0	--	--	1,186	0.37	6.4	0	--	--
Missouri	78	3.32	7.1	3,398	0.23	4.8	0	--	--
Nebraska	0	--	--	1,397	0.28	5.2	0	--	--
North Dakota	0	--	--	0	--	--	1,974	0.85	9.7
South Dakota	0	--	--	153	0.43	7.2	0	--	--
South Atlantic	9,972	2.08	10.3	1,112	0.30	4.8	0	--	--
Delaware	23	2.36	7.5	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	2,312	2.06	9.0	0	--	--	0	--	--
Georgia	915	1.83	8.9	1,096	0.30	4.8	0	--	--
Maryland	675	2.25	9.6	16	0.31	5.8	0	--	--
North Carolina	1,695	1.78	9.8	0	--	--	0	--	--
South Carolina	1,009	1.53	9.2	0	--	--	0	--	--
Virginia	909	1.16	14.7	0	--	--	0	--	--
West Virginia	2,433	2.92	11.4	0	--	--	0	--	--
East South Central	5,849	2.38	9.8	2,195	0.29	5.3	327	0.49	13.8
Alabama	1,276	1.61	9.9	1,018	0.29	5.3	0	--	--
Kentucky	3,219	2.87	9.7	236	0.35	5.5	0	--	--
Mississippi	264	1.89	9.8	164	0.28	5.4	327	0.49	13.8
Tennessee	1,089	1.99	9.8	777	0.27	5.1	0	--	--
West South Central	76	2.00	20.0	9,174	0.28	5.0	4,647	1.02	16.8
Arkansas	6	0.72	8.0	1,673	0.25	5.1	0	--	--
Louisiana	19	3.11	8.7	875	0.28	4.8	345	0.81	15.5
Oklahoma	51	1.72	26.4	1,538	0.25	4.9	0	--	--
Texas	0	--	--	5,088	0.30	5.1	4,302	1.03	16.9
Mountain	2,793	0.60	13.2	6,449	0.52	9.1	0	--	--
Arizona	761	0.60	10.9	1,417	0.62	9.8	0	--	--
Colorado	364	0.52	10.7	1,068	0.31	5.3	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	887	0.74	10.3	0	--	--
Nevada	167	0.44	9.2	158	0.37	7.4	0	--	--
New Mexico	443	0.78	26.6	526	0.69	21.9	0	--	--
Utah	1,058	0.60	11.8	44	0.90	9.2	0	--	--
Wyoming	0	--	--	2,350	0.46	7.4	0	--	--
Pacific Contiguous	65	0.74	10.2	471	0.31	6.4	0	--	--
California	65	0.74	10.2	0	--	--	0	--	--
Oregon	0	--	--	194	0.23	4.4	0	--	--
Washington	0	--	--	278	0.37	7.7	0	--	--
Pacific Noncontiguous	60	1.22	4.6	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	60	1.22	4.6	0	--	--	0	--	--
U.S. Total	29,622	2.34	10.4	38,126	0.32	5.8	6,948	0.95	14.7

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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See Glossary for definitions. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilties by State, August 2014

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	9	2.90	7.4	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	9	2.90	7.4	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	6,408	2.95	9.3	4,877	0.28	5.0	0	--	--
Illinois	170	3.50	10.1	262	0.23	4.7	0	--	--
Indiana	3,077	2.74	9.0	331	0.25	4.7	0	--	--
Michigan	226	1.32	9.9	2,481	0.30	5.0	0	--	--
Ohio	2,719	3.34	9.6	0	--	--	0	--	--
Wisconsin	216	2.28	7.8	1,803	0.26	5.0	0	--	--
West North Central	108	3.22	8.6	9,227	0.28	5.2	1,974	0.85	9.7
Iowa	0	--	--	1,552	0.27	4.9	0	--	--
Kansas	35	2.96	11.8	1,541	0.32	5.1	0	--	--
Minnesota	0	--	--	1,186	0.37	6.4	0	--	--
Missouri	73	3.34	7.0	3,398	0.23	4.8	0	--	--
Nebraska	0	--	--	1,397	0.28	5.2	0	--	--
North Dakota	0	--	--	0	--	--	1,974	0.85	9.7
South Dakota	0	--	--	153	0.43	7.2	0	--	--
South Atlantic	8,135	1.95	10.2	1,096	0.30	4.8	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	2,199	2.12	8.9	0	--	--	0	--	--
Georgia	869	1.87	8.9	1,096	0.30	4.8	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,695	1.78	9.8	0	--	--	0	--	--
South Carolina	1,002	1.53	9.2	0	--	--	0	--	--
Virginia	808	1.16	15.4	0	--	--	0	--	--
West Virginia	1,562	2.59	11.2	0	--	--	0	--	--
East South Central	5,677	2.43	9.8	2,195	0.29	5.3	0	--	--
Alabama	1,276	1.61	9.9	1,018	0.29	5.3	0	--	--
Kentucky	3,219	2.87	9.7	236	0.35	5.5	0	--	--
Mississippi	223	1.91	9.6	164	0.28	5.4	0	--	--
Tennessee	959	2.15	10.0	777	0.27	5.1	0	--	--
West South Central	19	3.11	8.7	5,991	0.26	5.0	1,041	1.11	18.5
Arkansas	0	--	--	1,498	0.25	5.1	0	--	--
Louisiana	19	3.11	8.7	301	0.25	5.2	345	0.81	15.5
Oklahoma	0	--	--	1,482	0.25	4.9	0	--	--
Texas	0	--	--	2,710	0.27	5.0	696	1.28	20.3
Mountain	2,756	0.61	13.3	5,487	0.50	9.0	0	--	--
Arizona	761	0.60	10.9	1,417	0.62	9.8	0	--	--
Colorado	364	0.52	10.7	1,068	0.31	5.3	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	167	0.44	9.2	83	0.48	9.0	0	--	--
New Mexico	443	0.78	26.6	526	0.69	21.9	0	--	--
Utah	1,021	0.61	11.8	44	0.90	9.2	0	--	--
Wyoming	0	--	--	2,350	0.46	7.4	0	--	--
Pacific Contiguous	0	--	--	194	0.23	4.4	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	194	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	23,112	2.20	10.2	29,066	0.32	5.8	3,015	0.94	12.7

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, August 2014

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	92	0.68	11.5	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	1	0.83	8.8	0	--	--	0	--	--
Massachusetts	91	0.68	11.5	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,688	3.09	10.8	92	0.23	5.7	0	--	--
New Jersey	44	1.84	9.2	0	--	--	0	--	--
New York	59	2.72	9.4	92	0.23	5.7	0	--	--
Pennsylvania	2,585	3.12	10.9	0	--	--	0	--	--
East North Central	1,205	3.24	13.3	4,395	0.22	4.7	0	--	--
Illinois	344	3.67	25.9	4,291	0.22	4.7	0	--	--
Indiana	245	3.17	10.4	0	--	--	0	--	--
Michigan	27	1.21	8.8	17	0.39	5.4	0	--	--
Ohio	589	3.18	9.4	86	0.26	4.8	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	1,685	2.79	10.5	16	0.31	5.8	0	--	--
Delaware	23	2.36	7.5	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	113	1.05	11.0	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	649	2.26	9.1	16	0.31	5.8	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	67	0.84	10.3	0	--	--	0	--	--
West Virginia	833	3.64	11.7	0	--	--	0	--	--
East South Central	41	1.75	11.0	0	--	--	327	0.49	13.8
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	41	1.75	11.0	0	--	--	327	0.49	13.8
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	51	1.72	26.4	3,183	0.32	5.0	3,606	0.99	16.4
Arkansas	0	--	--	175	0.25	5.2	0	--	--
Louisiana	0	--	--	574	0.29	4.6	0	--	--
Oklahoma	51	1.72	26.4	56	0.22	4.8	0	--	--
Texas	0	--	--	2,378	0.33	5.1	3,606	0.99	16.4
Mountain	0	--	--	962	0.70	9.9	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	887	0.74	10.3	0	--	--
Nevada	0	--	--	75	0.24	5.4	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	22	1.20	8.6	278	0.37	7.7	0	--	--
California	22	1.20	8.6	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	278	0.37	7.7	0	--	--
Pacific Noncontiguous	60	1.22	4.6	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	60	1.22	4.6	0	--	--	0	--	--
U.S. Total	5,844	2.95	11.3	8,925	0.31	5.5	3,934	0.96	16.2

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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, August 2014

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	0	--	--	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	2	2.67	5.6	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	2	2.67	5.6	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	5	3.06	8.8	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	5	3.06	8.8	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	0	--	--	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	0	--	--	0	--	--	0	--	--
West Virginia	0	--	--	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	0	--	--	0	--	--	0	--	--
Arkansas	0	--	--	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	0	--	--	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	0	--	--	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	7	2.96	8.0	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, August 2014

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	1	0.81	8.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	1	0.81	8.7	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	54	1.90	10.6	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	41	1.84	10.0	0	--	--	0	--	--
Pennsylvania	13	2.06	12.3	0	--	--	0	--	--
East North Central	202	3.07	8.3	69	0.36	5.4	0	--	--
Illinois	137	3.50	8.0	48	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	5	0.47	6.8	0	--	--	0	--	--
Ohio	22	3.52	10.9	0	--	--	0	--	--
Wisconsin	39	1.74	8.2	21	0.25	5.1	0	--	--
West North Central	34	3.50	8.0	65	0.22	4.4	0	--	--
Iowa	34	3.50	8.0	65	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	152	1.32	11.1	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	46	0.97	8.0	0	--	--	0	--	--
Maryland	26	1.93	23.0	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	8	0.74	7.1	0	--	--	0	--	--
Virginia	35	1.80	7.9	0	--	--	0	--	--
West Virginia	38	1.05	12.1	0	--	--	0	--	--
East South Central	130	0.89	8.5	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	130	0.89	8.5	0	--	--	0	--	--
West South Central	6	0.72	8.0	0	--	--	0	--	--
Arkansas	6	0.72	8.0	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	37	0.30	10.2	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	37	0.30	10.2	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	43	0.48	11.0	0	--	--	0	--	--
California	43	0.48	11.0	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	659	1.77	9.5	134	0.29	4.9	0	--	--

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See Glossary for definitions. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

Table 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - August 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
Year to Date					
2012	947,671	894,282	663,451	4,920	2,510,325
2013	945,150	895,002	640,224	5,078	2,485,455
2014	967,881	909,264	640,702	5,291	2,523,138
Rolling 12 Months Ending in August					
2013	1,371,994	1,327,821	962,487	7,478	3,669,780
2014	1,413,821	1,352,710	955,203	7,738	3,729,472

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
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Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - August 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
Year to Date					
2012	112,344	90,265	44,323	498	247,431
2013	114,407	92,331	43,750	519	251,007
2014	120,805	97,688	45,497	543	264,532
Rolling 12 Months Ending in August					
2013	165,343	135,964	65,188	768	367,263
2014	174,944	143,135	66,858	797	385,733

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
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Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - August 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
Year to Date					
2012	11.85	10.09	6.68	10.12	9.86
2013	12.10	10.32	6.83	10.22	10.10
2014	12.48	10.74	7.10	10.26	10.48
Rolling 12 Months Ending in August					
2013	12.05	10.24	6.77	10.27	10.01
2014	12.37	10.58	7.00	10.30	10.34

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
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Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

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

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	4,125	4,435	4,632	4,101	1,680	2,373	43	50	10,480	10,959
Connecticut	1,126	1,239	1,174	1,240	330	325	12	19	2,643	2,822
Maine	386	388	358	359	304	265	0	0	1,048	1,012
Massachusetts	1,769	1,913	2,282	1,588	670	1,409	28	29	4,750	4,939
New Hampshire	400	423	400	423	178	182	0	0	978	1,028
Rhode Island	273	292	239	300	78	77	2	2	592	672
Vermont	169	181	179	191	120	115	0	0	468	486
Middle Atlantic	11,951	12,887	14,083	14,740	6,412	5,896	322	329	32,767	33,851
New Jersey	2,883	2,989	3,450	3,595	631	660	25	24	6,989	7,268
New York	4,665	5,203	6,908	7,295	1,511	1,120	229	239	13,314	13,857
Pennsylvania	4,402	4,695	3,726	3,850	4,269	4,116	68	66	12,465	12,726
East North Central	17,182	17,568	16,720	16,992	17,184	17,035	56	56	51,142	51,651
Illinois	4,685	4,713	4,661	4,700	3,770	3,871	52	51	13,168	13,335
Indiana	2,892	3,078	2,215	2,312	4,086	4,059	2	2	9,195	9,451
Michigan	3,054	3,118	3,405	3,493	2,865	2,679	0	1	9,324	9,292
Ohio	4,577	4,683	4,296	4,332	4,312	4,298	3	3	13,187	13,316
Wisconsin	1,973	1,975	2,143	2,155	2,150	2,127	0	0	6,267	6,257
West North Central	9,834	9,793	9,612	9,447	7,896	7,998	4	3	27,347	27,242
Iowa	1,288	1,348	1,121	1,151	1,760	1,787	0	0	4,170	4,286
Kansas	1,545	1,467	1,532	1,517	992	949	0	0	4,069	3,933
Minnesota	1,979	2,025	2,222	2,104	1,900	2,022	2	2	6,103	6,153
Missouri	3,448	3,343	2,956	2,931	1,442	1,481	2	2	7,848	7,757
Nebraska	885	915	889	887	1,048	1,061	0	0	2,821	2,863
North Dakota	322	318	463	435	508	453	0	0	1,294	1,207
South Dakota	366	376	429	421	246	245	0	0	1,042	1,043
South Atlantic	34,276	34,103	29,059	28,724	12,930	12,325	116	114	76,381	75,266
Delaware	420	430	390	368	177	234	0	0	987	1,032
District of Columbia	192	228	756	830	17	18	29	30	994	1,105
Florida	12,678	12,033	9,047	8,786	1,544	1,527	9	9	23,278	22,355
Georgia	5,802	5,677	4,505	4,458	2,863	2,848	14	13	13,184	12,996
Maryland	2,347	2,495	2,673	2,738	343	333	45	44	5,407	5,610
North Carolina	5,189	5,427	4,496	4,427	2,622	2,327	1	1	12,308	12,182
South Carolina	2,959	2,976	2,130	2,098	2,690	2,546	0	0	7,779	7,620
Virginia	3,840	4,000	4,374	4,355	1,538	1,482	18	17	9,770	9,853
West Virginia	849	837	689	664	1,136	1,010	0	0	2,675	2,511
East South Central	11,389	11,518	8,402	9,036	9,212	9,100	0	0	29,004	29,653
Alabama	3,308	3,194	2,223	2,182	3,064	3,096	0	0	8,595	8,472
Kentucky	2,419	2,498	1,740	2,318	2,643	2,651	0	0	6,803	7,467
Mississippi	1,874	1,967	1,317	1,348	1,497	1,448	0	0	4,687	4,763
Tennessee	3,788	3,858	3,122	3,188	2,008	1,905	0	0	8,918	8,951
West South Central	23,198	24,205	18,965	19,079	14,728	14,000	17	8	56,907	57,292
Arkansas	1,745	1,832	1,168	1,182	1,576	1,564	0	NM	4,489	4,578
Louisiana	3,272	3,361	2,371	2,355	2,849	2,606	1	1	8,494	8,323
Oklahoma	2,627	2,602	2,078	2,020	1,479	1,476	0	0	6,184	6,097
Texas	15,553	16,410	13,348	13,523	8,823	8,354	16	7	37,739	38,293
Mountain	9,872	10,472	8,894	9,173	7,620	7,692	12	11	26,398	27,347
Arizona	3,895	4,078	3,035	3,085	1,238	1,133	0	0	8,168	8,297
Colorado	1,735	1,844	1,810	1,829	1,412	1,448	5	6	4,962	5,127
Idaho	647	710	543	559	958	1,086	0	0	2,148	2,354
Montana	379	402	424	467	381	390	0	0	1,184	1,259
Nevada	1,510	1,507	854	914	1,209	1,245	1	1	3,575	3,667
New Mexico	674	698	859	861	652	666	0	0	2,185	2,225
Utah	843	1,028	1,013	1,096	908	924	6	4	2,771	3,052
Wyoming	190	204	354	362	863	800	0	0	1,406	1,366
Pacific Contiguous	13,051	12,379	15,646	15,549	7,490	7,835	74	64	36,260	35,827
California	9,176	8,655	11,724	11,619	3,931	4,248	71	61	24,903	24,583
Oregon	1,466	1,346	1,403	1,421	1,140	1,154	2	2	4,011	3,924
Washington	2,408	2,378	2,518	2,509	2,419	2,433	0	0	7,346	7,321
Pacific Noncontiguous	369	375	514	527	445	447	0	0	1,328	1,349
Alaska	141	146	228	235	115	122	0	0	484	502
Hawaii	228	229	286	292	331	325	0	0	844	846
U.S. Total	135,247	137,734	126,527	127,369	85,597	84,701	642	634	348,014	350,437

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 August 2014 and 2013 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	32,589	33,066	35,865	30,282	12,192	18,032	389	391	81,036	81,770
Connecticut	8,888	9,080	8,929	8,830	2,298	2,288	119	131	20,234	20,329
Maine	3,163	3,123	2,669	2,733	2,196	2,029	0	0	8,029	7,885
Massachusetts	13,877	14,115	17,506	11,855	4,849	10,839	252	241	36,484	37,050
New Hampshire	3,120	3,100	3,017	3,033	1,308	1,304	0	0	7,446	7,438
Rhode Island	2,102	2,218	2,382	2,467	617	626	19	18	5,120	5,329
Vermont	1,438	1,430	1,361	1,364	924	946	0	0	3,723	3,739
Middle Atlantic	91,321	92,070	106,108	106,079	48,753	45,955	2,697	2,705	248,880	246,810
New Jersey	19,546	20,053	25,879	25,850	4,945	4,965	212	221	50,582	51,089
New York	33,930	34,748	50,919	51,160	11,569	9,012	1,930	1,910	98,348	96,830
Pennsylvania	37,846	37,269	29,310	29,069	32,240	31,978	555	575	99,951	98,891
East North Central	129,646	127,847	123,663	123,017	129,546	130,158	455	439	383,310	381,461
Illinois	32,044	31,718	34,239	34,142	28,962	29,318	408	391	95,653	95,568
Indiana	23,213	22,519	16,343	16,356	30,993	30,975	14	14	70,563	69,864
Michigan	22,958	23,268	25,381	25,392	21,209	20,213	3	4	69,551	68,877
Ohio	36,521	35,437	31,838	31,509	32,524	34,079	30	31	100,913	101,056
Wisconsin	14,911	14,905	15,862	15,617	15,858	15,572	0	0	46,631	46,095
West North Central	73,370	71,522	69,161	67,220	58,701	58,255	60	28	201,292	197,024
Iowa	9,902	9,836	8,386	8,194	13,462	13,033	0	0	31,750	31,063
Kansas	9,636	9,261	10,545	10,359	7,429	7,021	0	0	27,609	26,641
Minnesota	15,422	15,333	15,718	15,095	14,303	14,754	15	13	45,459	45,195
Missouri	24,787	23,747	20,979	20,718	10,836	11,233	16	15	56,617	55,712
Nebraska	6,869	6,813	6,400	6,207	7,104	7,111	0	0	20,373	20,131
North Dakota	3,487	3,335	3,930	3,558	3,798	3,386	0	0	11,215	10,279
South Dakota	3,267	3,196	3,204	3,089	1,769	1,718	30	0	8,269	8,003
South Atlantic	244,725	232,489	206,791	203,688	94,626	93,139	910	896	547,052	530,211
Delaware	3,288	3,186	2,871	2,812	1,496	1,733	0	0	7,656	7,731
District of Columbia	1,466	1,446	5,800	5,789	155	156	221	222	7,642	7,613
Florida	79,025	75,077	61,956	60,685	11,359	11,268	65	62	152,405	147,091
Georgia	39,476	36,863	31,452	30,862	21,300	20,868	109	106	92,337	88,698
Maryland	19,195	18,723	20,373	20,596	2,554	2,649	372	367	42,494	42,336
North Carolina	40,445	38,440	32,048	31,371	18,113	17,910	6	5	90,611	87,726
South Carolina	21,383	19,885	14,838	14,286	19,556	19,171	0	0	55,777	53,343
Virginia	32,149	30,982	32,119	32,069	11,701	11,329	134	132	76,104	74,511
West Virginia	8,298	7,889	5,334	5,218	8,392	8,054	2	2	22,026	21,162
East South Central	84,378	79,581	59,853	60,629	69,553	74,760	1	1	213,784	214,971
Alabama	22,694	21,269	15,321	14,957	23,277	22,832	0	0	61,292	59,059
Kentucky	19,047	18,222	12,817	14,220	20,344	26,124	0	0	52,209	58,566
Mississippi	13,011	12,364	9,131	9,035	11,243	11,066	0	0	33,385	32,465
Tennessee	29,626	27,726	22,584	22,417	14,688	14,738	1	1	66,899	64,882
West South Central	148,856	142,236	129,412	126,177	110,127	103,671	126	53	388,521	372,137
Arkansas	12,707	12,256	7,951	7,876	11,120	11,036	NM	NM	31,779	31,168
Louisiana	21,409	20,281	16,307	15,949	21,055	20,517	8	7	58,779	56,754
Oklahoma	16,294	15,700	13,434	13,103	11,153	10,876	0	0	40,880	39,679
Texas	98,446	94,000	91,720	89,249	66,799	61,242	118	45	257,083	244,536
Mountain	64,441	67,032	62,939	63,323	56,619	55,897	90	82	184,089	186,334
Arizona	22,307	23,617	20,243	20,351	9,064	8,375	0	0	51,615	52,343
Colorado	12,262	12,549	13,153	13,200	10,476	10,326	42	40	35,933	36,115
Idaho	5,518	5,745	4,090	4,072	6,532	6,885	0	0	16,141	16,702
Montana	3,367	3,287	3,297	3,257	2,750	2,812	0	0	9,415	9,356
Nevada	8,504	8,857	6,159	6,335	9,089	9,138	6	6	23,758	24,336
New Mexico	4,563	4,669	5,988	6,091	5,013	4,905	0	0	15,564	15,665
Utah	6,051	6,414	7,326	7,307	6,782	6,695	42	36	20,201	20,452
Wyoming	1,867	1,894	2,682	2,710	6,913	6,760	0	0	11,463	11,364
Pacific Contiguous	95,535	96,197	111,529	110,576	57,259	57,073	562	484	264,885	264,330
California	58,600	59,329	80,960	80,366	30,615	30,598	543	465	170,717	170,758
Oregon	12,634	12,637	10,746	10,643	8,084	8,012	16	15	31,480	31,307
Washington	24,302	24,231	19,822	19,567	18,560	18,464	4	4	62,688	62,265
Pacific Noncontiguous	3,020	3,110	3,943	4,012	3,325	3,284	0	0	10,287	10,405
Alaska	1,347	1,380	1,844	1,877	901	887	0	0	4,092	4,143
Hawaii	1,673	1,730	2,099	2,135	2,423	2,396	0	0	6,195	6,262
U.S. Total	967,881	945,150	909,264	895,002	640,702	640,224	5,291	5,078	2,523,138	2,485,455

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	743	722	678	569	191	294	4	NM	1,616	1,588
Connecticut	222	218	181	177	41	41	1	2	444	438
Maine	59	56	42	40	23	20	0	0	125	117
Massachusetts	313	304	337	230	84	192	NM	NM	736	728
New Hampshire	69	67	55	55	20	20	0	0	143	142
Rhode Island	50	46	38	38	10	9	0	0	99	93
Vermont	30	31	26	28	12	12	0	0	69	70
Middle Atlantic	1,983	2,103	1,949	2,040	463	448	40	41	4,435	4,632
New Jersey	461	485	466	498	70	77	3	2	1,000	1,062
New York	909	996	1,130	1,185	95	74	33	34	2,167	2,289
Pennsylvania	612	622	353	357	297	296	5	5	1,268	1,280
East North Central	2,248	2,173	1,680	1,659	1,213	1,156	3	3	5,145	4,992
Illinois	560	486	413	383	240	223	2	3	1,216	1,095
Indiana	334	340	219	219	286	274	0	0	840	834
Michigan	455	467	386	400	230	221	0	0	1,071	1,088
Ohio	618	595	424	410	288	267	0	0	1,330	1,273
Wisconsin	281	285	238	246	169	171	0	0	688	702
West North Central	1,228	1,200	967	931	593	576	0	0	2,788	2,707
Iowa	173	167	117	109	126	114	0	0	416	391
Kansas	197	177	162	149	79	70	0	0	437	396
Minnesota	254	258	224	213	140	149	0	0	618	620
Missouri	420	411	302	302	106	111	0	0	828	824
Nebraska	107	109	83	81	82	81	0	0	271	272
North Dakota	35	35	42	39	42	33	0	0	119	107
South Dakota	42	43	38	38	18	17	0	0	98	98
South Atlantic	4,156	4,011	2,811	2,720	912	837	10	10	7,889	7,578
Delaware	59	54	36	38	15	20	0	0	111	112
District of Columbia	24	30	89	99	1	1	NM	NM	118	133
Florida	1,519	1,362	886	818	126	118	1	1	2,532	2,299
Georgia	727	701	469	446	212	191	1	1	1,409	1,340
Maryland	322	347	292	307	30	28	4	4	647	685
North Carolina	594	615	401	397	177	159	0	0	1,172	1,171
South Carolina	369	358	219	206	174	156	0	0	763	720
Virginia	461	464	364	354	111	99	1	1	937	919
West Virginia	81	81	54	54	65	64	0	0	200	199
East South Central	1,248	1,225	876	880	627	605	0	0	2,752	2,710
Alabama	390	371	244	234	212	206	0	0	845	810
Kentucky	244	247	161	183	155	156	0	0	560	585
Mississippi	218	213	144	137	109	103	0	0	471	452
Tennessee	397	395	328	326	151	141	0	0	876	862
West South Central	2,628	2,649	1,567	1,554	932	871	1	1	5,128	5,075
Arkansas	175	183	97	96	102	100	0	NM	374	379
Louisiana	320	327	212	213	179	162	0	0	711	702
Oklahoma	266	258	174	165	91	86	0	0	531	508
Texas	1,868	1,881	1,084	1,080	559	523	1	1	3,512	3,486
Mountain	1,217	1,254	898	901	560	557	1	1	2,676	2,714
Arizona	484	503	319	322	92	85	0	0	895	909
Colorado	223	232	196	190	109	112	1	1	528	534
Idaho	68	73	44	43	67	76	0	0	179	192
Montana	41	44	41	44	22	22	0	0	104	110
Nevada	191	177	78	83	110	106	0	0	378	367
New Mexico	91	88	97	93	44	46	0	0	233	227
Utah	97	115	92	94	58	60	1	1	249	270
Wyoming	21	22	31	31	58	51	0	0	110	104
Pacific Contiguous	2,036	1,781	2,444	2,270	706	687	7	5	5,193	4,743
California	1,663	1,431	2,126	1,961	527	510	7	5	4,322	3,907
Oregon	158	137	122	118	72	70	0	0	351	325
Washington	215	212	197	192	108	106	0	0	520	510
Pacific Noncontiguous	115	111	139	135	120	113	0	0	374	360
Alaska	29	27	40	36	19	18	0	0	88	81
Hawaii	86	84	99	98	100	96	0	0	285	278
U.S. Total	17,601	17,230	14,011	13,659	6,318	6,144	67	66	37,996	37,098

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	5,758	5,246	5,249	4,239	1,456	2,208	34	31	12,496	11,724
Connecticut	1,732	1,578	1,376	1,293	297	290	14	13	3,419	3,174
Maine	478	448	341	319	206	172	0	0	1,025	938
Massachusetts	2,380	2,139	2,541	1,704	620	1,428	NM	NM	5,559	5,286
New Hampshire	540	507	437	410	158	149	0	0	1,135	1,066
Rhode Island	374	330	353	316	80	74	3	2	810	722
Vermont	254	244	199	198	95	96	0	0	548	538
Middle Atlantic	15,072	14,456	14,664	13,888	3,834	3,376	332	332	33,902	32,051
New Jersey	3,100	3,166	3,501	3,329	600	535	23	23	7,224	7,053
New York	6,909	6,548	8,299	7,856	768	588	265	264	16,241	15,257
Pennsylvania	5,064	4,741	2,863	2,702	2,466	2,253	44	45	10,437	9,741
East North Central	16,061	15,400	12,206	11,758	9,000	8,575	26	26	37,293	35,759
Illinois	3,580	3,291	2,988	2,713	1,844	1,675	22	22	8,433	7,701
Indiana	2,587	2,430	1,597	1,546	2,123	2,036	1	1	6,308	6,014
Michigan	3,335	3,388	2,787	2,829	1,656	1,605	0	0	7,778	7,823
Ohio	4,492	4,243	3,103	2,967	2,159	2,074	2	2	9,756	9,286
Wisconsin	2,067	2,048	1,732	1,702	1,219	1,184	0	0	5,018	4,935
West North Central	8,235	7,906	6,415	6,105	4,013	3,887	6	2	18,669	17,900
Iowa	1,140	1,098	750	698	797	745	0	0	2,687	2,541
Kansas	1,169	1,078	1,061	997	557	501	0	0	2,787	2,576
Minnesota	1,876	1,834	1,531	1,448	1,025	1,044	2	1	4,434	4,326
Missouri	2,669	2,566	1,895	1,871	687	711	1	1	5,252	5,149
Nebraska	716	703	561	537	530	524	0	0	1,808	1,764
North Dakota	324	302	337	294	292	243	0	0	953	839
South Dakota	341	327	280	260	125	119	3	0	749	706
South Atlantic	28,750	26,363	20,142	19,074	6,463	6,043	81	78	55,435	51,558
Delaware	434	412	307	288	134	148	0	0	874	848
District of Columbia	188	180	717	689	13	10	22	21	940	900
Florida	9,412	8,481	6,145	5,746	917	867	6	5	16,480	15,100
Georgia	4,643	4,197	3,276	3,045	1,427	1,286	9	9	9,356	8,537
Maryland	2,621	2,455	2,317	2,184	240	222	32	31	5,211	4,892
North Carolina	4,504	4,158	2,834	2,724	1,183	1,131	0	0	8,521	8,014
South Carolina	2,625	2,347	1,514	1,399	1,241	1,123	0	0	5,380	4,868
Virginia	3,551	3,375	2,606	2,569	809	751	11	11	6,977	6,706
West Virginia	773	757	426	430	498	505	0	0	1,698	1,692
East South Central	9,091	8,311	6,240	5,960	4,436	4,475	0	0	19,767	18,746
Alabama	2,621	2,406	1,667	1,580	1,476	1,386	0	0	5,765	5,371
Kentucky	1,914	1,771	1,201	1,198	1,187	1,403	0	0	4,302	4,373
Mississippi	1,473	1,333	996	916	772	721	0	0	3,241	2,970
Tennessee	3,083	2,802	2,376	2,266	1,001	965	0	0	6,459	6,032
West South Central	16,383	15,217	10,676	10,284	6,698	6,087	7	5	33,764	31,594
Arkansas	1,193	1,164	637	632	663	655	NM	NM	2,494	2,450
Louisiana	2,042	1,909	1,503	1,434	1,306	1,217	1	1	4,851	4,561
Oklahoma	1,613	1,510	1,080	1,012	635	585	0	0	3,328	3,108
Texas	11,535	10,634	7,455	7,206	4,094	3,630	6	5	23,090	21,475
Mountain	7,587	7,594	6,108	5,927	3,832	3,620	9	8	17,537	17,150
Arizona	2,697	2,780	2,040	2,023	619	565	0	0	5,356	5,368
Colorado	1,510	1,491	1,354	1,298	782	745	5	4	3,651	3,538
Idaho	534	533	319	298	425	426	0	0	1,278	1,257
Montana	344	340	313	310	152	151	0	0	809	801
Nevada	1,088	1,035	583	557	649	595	1	0	2,320	2,188
New Mexico	566	552	624	600	334	313	0	0	1,524	1,465
Utah	654	672	637	611	415	396	4	4	1,710	1,682
Wyoming	194	191	238	231	456	429	0	0	888	851
Pacific Contiguous	12,971	13,022	14,942	14,077	4,877	4,621	49	37	32,839	31,756
California	9,525	9,681	12,426	11,676	3,585	3,388	47	35	25,583	24,780
Oregon	1,317	1,249	945	891	495	467	1	1	2,759	2,608
Washington	2,129	2,092	1,572	1,510	796	767	0	0	4,497	4,369
Pacific Noncontiguous	896	892	1,048	1,018	887	858	0	0	2,830	2,767
Alaska	260	251	317	288	144	141	0	0	721	680
Hawaii	636	641	731	729	743	716	0	0	2,110	2,087
U.S. Total	120,805	114,407	97,688	92,331	45,497	43,750	543	519	264,532	251,007

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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, August 2014 and 2013 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	18.02	16.27	14.64	13.86	11.37	12.38	8.54	NM	15.42	14.49
Connecticut	19.67	17.57	15.38	14.30	12.36	12.53	10.26	10.17	16.81	15.50
Maine	15.35	14.37	11.84	11.28	7.69	7.70	--	--	11.93	11.53
Massachusetts	17.69	15.90	14.76	14.47	12.60	13.65	NM	NM	15.50	14.74
New Hampshire	17.18	15.93	13.64	13.02	11.24	10.99	--	--	14.65	13.85
Rhode Island	18.38	15.73	15.95	12.75	12.68	11.46	15.44	13.26	16.64	13.90
Vermont	17.87	17.08	14.46	14.47	10.42	10.08	--	--	14.66	14.41
Middle Atlantic	16.59	16.32	13.84	13.84	7.22	7.59	12.51	12.49	13.53	13.68
New Jersey	16.00	16.23	13.50	13.85	11.17	11.66	10.83	9.38	14.31	14.62
New York	19.49	19.15	16.35	16.24	6.32	6.64	14.21	14.05	16.27	16.52
Pennsylvania	13.91	13.25	9.48	9.28	6.96	7.20	7.35	7.91	10.17	10.06
East North Central	13.08	12.37	10.05	9.76	7.06	6.78	5.12	5.71	10.06	9.66
Illinois	11.95	10.31	8.87	8.15	6.38	5.76	4.82	5.48	9.23	8.21
Indiana	11.56	11.06	9.90	9.49	7.00	6.74	10.47	9.81	9.14	8.82
Michigan	14.88	14.98	11.33	11.46	8.04	8.24	--	9.47	11.48	11.71
Ohio	13.50	12.72	9.86	9.46	6.67	6.22	7.86	6.82	10.08	9.56
Wisconsin	14.26	14.41	11.12	11.44	7.85	8.04	--	--	10.99	11.22
West North Central	12.48	12.25	10.06	9.85	7.51	7.20	10.61	10.85	10.20	9.94
Iowa	13.42	12.40	10.44	9.47	7.15	6.40	--	--	9.97	9.11
Kansas	12.74	12.06	10.56	9.82	7.94	7.37	--	--	10.75	10.07
Minnesota	12.85	12.74	10.08	10.13	7.38	7.37	10.16	10.33	10.13	10.08
Missouri	12.17	12.30	10.22	10.30	7.37	7.47	11.12	11.39	10.55	10.62
Nebraska	12.06	11.93	9.29	9.14	7.84	7.67	--	--	9.62	9.49
North Dakota	10.94	10.87	9.03	9.05	8.27	7.34	--	--	9.21	8.89
South Dakota	11.42	11.35	8.89	8.91	7.20	7.13	--	--	9.38	9.37
South Atlantic	12.12	11.76	9.67	9.47	7.06	6.79	9.08	8.65	10.33	10.07
Delaware	14.12	12.67	9.35	10.31	8.64	8.44	--	--	11.26	10.87
District of Columbia	12.66	12.98	11.84	11.95	7.88	6.02	NM	NM	11.87	11.99
Florida	11.98	11.32	9.80	9.31	8.18	7.75	9.00	8.27	10.88	10.29
Georgia	12.52	12.34	10.41	10.01	7.41	6.72	9.16	9.42	10.69	10.31
Maryland	13.71	13.89	10.93	11.20	8.62	8.42	8.82	8.33	11.97	12.21
North Carolina	11.44	11.33	8.91	8.98	6.76	6.83	7.69	7.69	9.52	9.61
South Carolina	12.48	12.01	10.29	9.83	6.48	6.13	--	--	9.81	9.45
Virginia	12.00	11.59	8.31	8.13	7.21	6.71	8.17	8.05	9.59	9.32
West Virginia	9.52	9.72	7.83	8.18	5.76	6.29	10.12	8.54	7.49	7.93
East South Central	10.96	10.64	10.43	9.74	6.81	6.65	8.66	11.50	9.49	9.14
Alabama	11.79	11.60	10.96	10.72	6.91	6.65	--	--	9.84	9.56
Kentucky	10.08	9.87	9.24	7.89	5.86	5.88	--	--	8.23	7.84
Mississippi	11.62	10.81	10.94	10.14	7.30	7.10	--	--	10.05	9.49
Tennessee	10.47	10.24	10.50	10.23	7.53	7.39	8.66	11.50	9.82	9.63
West South Central	11.33	10.94	8.26	8.14	6.33	6.22	5.34	10.04	9.01	8.86
Arkansas	10.00	9.97	8.29	8.14	6.49	6.39	12.63	NM	8.33	8.27
Louisiana	9.77	9.72	8.95	9.04	6.29	6.21	8.56	10.76	8.37	8.43
Oklahoma	10.13	9.91	8.37	8.16	6.15	5.82	--	--	8.59	8.34
Texas	12.01	11.47	8.12	7.99	6.34	6.27	5.11	9.93	9.31	9.10
Mountain	12.33	11.98	10.10	9.83	7.35	7.24	10.89	10.89	10.14	9.92
Arizona	12.44	12.33	10.50	10.42	7.43	7.47	--	--	10.96	10.96
Colorado	12.83	12.57	10.83	10.39	7.71	7.72	11.15	10.34	10.64	10.42
Idaho	10.54	10.27	8.11	7.78	7.00	6.95	--	--	8.35	8.15
Montana	10.89	10.93	9.65	9.46	5.72	5.68	--	--	8.78	8.76
Nevada	12.63	11.76	9.11	9.11	9.06	8.54	10.29	9.86	10.58	10.00
New Mexico	13.57	12.64	11.34	10.84	6.82	6.89	--	--	10.68	10.22
Utah	11.56	11.23	9.11	8.60	6.41	6.49	10.74	11.82	8.97	8.85
Wyoming	11.13	10.72	8.83	8.63	6.71	6.36	--	--	7.84	7.61
Pacific Contiguous	15.60	14.39	15.62	14.60	9.43	8.76	9.22	8.25	14.32	13.24
California	18.12	16.54	18.13	16.88	13.40	12.01	9.22	8.22	17.36	15.89
Oregon	10.75	10.20	8.68	8.27	6.29	6.10	9.25	9.02	8.76	8.29
Washington	8.93	8.93	7.83	7.65	4.45	4.36	7.88	8.08	7.08	6.97
Pacific Noncontiguous	31.15	29.76	27.03	25.53	26.90	25.37	--	--	28.13	26.65
Alaska	20.43	18.71	17.62	15.50	16.84	14.53	--	--	18.26	16.19
Hawaii	37.81	36.79	34.54	33.59	30.38	29.44	--	--	33.79	32.86
U.S. Total	13.01	12.51	11.07	10.72	7.38	7.25	10.37	10.38	10.92	10.59

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
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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 August 2014 and 2013 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD	August 2014 YTD	August 2013 YTD
New England	17.67	15.86	14.63	14.00	11.94	12.25	8.60	7.92	15.42	14.34
Connecticut	19.48	17.38	15.41	14.64	12.94	12.66	11.52	9.98	16.90	15.61
Maine	15.10	14.33	12.79	11.65	9.38	8.46	--	--	12.77	11.89
Massachusetts	17.15	15.15	14.52	14.38	12.79	13.17	NM	NM	15.24	14.27
New Hampshire	17.31	16.37	14.49	13.50	12.05	11.45	--	--	15.24	14.34
Rhode Island	17.81	14.87	14.82	12.81	12.90	11.77	14.14	12.98	15.81	13.55
Vermont	17.63	17.05	14.64	14.55	10.31	10.15	--	--	14.72	14.39
Middle Atlantic	16.50	15.70	13.82	13.09	7.86	7.35	12.30	12.25	13.62	12.99
New Jersey	15.86	15.79	13.53	12.88	12.13	10.77	10.92	10.24	14.28	13.81
New York	20.36	18.85	16.30	15.36	6.64	6.53	13.74	13.83	16.51	15.76
Pennsylvania	13.38	12.72	9.77	9.30	7.65	7.05	7.83	7.80	10.44	9.85
East North Central	12.39	12.05	9.87	9.56	6.95	6.59	5.70	5.82	9.73	9.37
Illinois	11.17	10.38	8.73	7.95	6.37	5.71	5.36	5.58	8.82	8.06
Indiana	11.15	10.79	9.77	9.45	6.85	6.57	10.03	9.84	8.94	8.61
Michigan	14.53	14.56	10.98	11.14	7.81	7.94	13.50	9.38	11.18	11.36
Ohio	12.30	11.97	9.74	9.42	6.64	6.09	7.56	6.52	9.67	9.19
Wisconsin	13.86	13.74	10.92	10.90	7.69	7.60	--	--	10.76	10.71
West North Central	11.22	11.05	9.28	9.08	6.84	6.67	9.45	8.81	9.27	9.09
Iowa	11.52	11.16	8.94	8.52	5.92	5.72	--	--	8.46	8.18
Kansas	12.14	11.64	10.07	9.62	7.49	7.14	--	--	10.10	9.67
Minnesota	12.16	11.96	9.74	9.59	7.17	7.07	9.94	9.83	9.75	9.57
Missouri	10.77	10.80	9.03	9.03	6.34	6.33	7.62	7.94	9.28	9.24
Nebraska	10.43	10.32	8.77	8.65	7.46	7.36	--	--	8.87	8.76
North Dakota	9.29	9.04	8.57	8.26	7.69	7.18	--	--	8.49	8.16
South Dakota	10.43	10.22	8.73	8.42	7.08	6.94	10.17	--	9.05	8.82
South Atlantic	11.75	11.34	9.74	9.36	6.83	6.49	8.87	8.69	10.13	9.72
Delaware	13.19	12.94	10.68	10.25	8.94	8.52	--	--	11.42	10.97
District of Columbia	12.85	12.48	12.36	11.90	8.39	6.08	9.76	9.59	12.30	11.83
Florida	11.91	11.30	9.92	9.47	8.08	7.70	9.13	8.60	10.81	10.27
Georgia	11.76	11.39	10.42	9.87	6.70	6.16	8.59	8.22	10.13	9.62
Maryland	13.65	13.11	11.37	10.60	9.41	8.39	8.66	8.52	12.26	11.56
North Carolina	11.14	10.82	8.84	8.68	6.53	6.32	7.92	7.87	9.40	9.13
South Carolina	12.27	11.80	10.20	9.79	6.35	5.86	--	--	9.64	9.13
Virginia	11.04	10.89	8.11	8.01	6.91	6.63	8.16	8.09	9.17	9.00
West Virginia	9.32	9.59	7.98	8.24	5.94	6.27	9.49	8.93	7.71	8.00
East South Central	10.77	10.44	10.43	9.83	6.38	5.99	12.90	11.62	9.25	8.72
Alabama	11.55	11.31	10.88	10.56	6.34	6.07	--	--	9.41	9.10
Kentucky	10.05	9.72	9.37	8.43	5.83	5.37	--	--	8.24	7.47
Mississippi	11.32	10.78	10.91	10.14	6.87	6.51	--	--	9.71	9.15
Tennessee	10.41	10.10	10.52	10.11	6.81	6.55	12.90	11.62	9.66	9.30
West South Central	11.01	10.70	8.25	8.15	6.08	5.87	5.34	10.33	8.69	8.49
Arkansas	9.39	9.50	8.02	8.02	5.96	5.93	NM	NM	7.85	7.86
Louisiana	9.54	9.41	9.22	8.99	6.20	5.93	9.43	9.75	8.25	8.04
Oklahoma	9.90	9.62	8.04	7.73	5.69	5.38	--	--	8.14	7.83
Texas	11.72	11.31	8.13	8.07	6.13	5.93	5.06	10.42	8.98	8.78
Mountain	11.77	11.33	9.70	9.36	6.77	6.48	10.47	10.36	9.53	9.20
Arizona	12.09	11.77	10.08	9.94	6.83	6.75	--	--	10.38	10.26
Colorado	12.32	11.88	10.30	9.83	7.46	7.22	10.89	10.55	10.16	9.80
Idaho	9.68	9.28	7.79	7.32	6.51	6.19	--	--	7.92	7.53
Montana	10.21	10.35	9.50	9.51	5.51	5.36	--	--	8.59	8.56
Nevada	12.79	11.69	9.47	8.79	7.14	6.51	9.19	8.25	9.77	8.99
New Mexico	12.40	11.82	10.43	9.85	6.66	6.38	--	--	9.79	9.35
Utah	10.81	10.47	8.69	8.36	6.11	5.91	10.23	10.47	8.47	8.22
Wyoming	10.39	10.08	8.86	8.52	6.60	6.35	--	--	7.75	7.49
Pacific Contiguous	13.58	13.54	13.40	12.73	8.52	8.10	8.73	7.56	12.40	12.01
California	16.25	16.32	15.35	14.53	11.71	11.07	8.72	7.52	14.99	14.51
Oregon	10.43	9.88	8.79	8.37	6.12	5.82	9.18	8.86	8.76	8.33
Washington	8.76	8.63	7.93	7.72	4.29	4.15	8.34	8.26	7.17	7.02
Pacific Noncontiguous	29.67	28.68	26.57	25.37	26.67	26.12	--	--	27.51	26.59
Alaska	19.32	18.18	17.19	15.37	15.93	15.90	--	--	17.61	16.42
Hawaii	38.00	37.06	34.82	34.15	30.67	29.90	--	--	34.06	33.33
U.S. Total	12.48	12.10	10.74	10.32	7.10	6.83	10.26	10.22	10.48	10.10

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Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

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

	As of End of July 2014	Activity During August 2014 as Reported to EIA		As of End of August 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)	61,322.6	294.1	104.7	61,512.0	189.4	1,143.1	2,065.7	338.7	6,392.9	0.0	0.0	338.7	6,392.9	61,850.7	67,904.9
..... *Solar Photovoltaic*	*6,438.2*	*349.9*	*5.2*	*6,782.9*	*344.7*	*1,804.6*	*3,232.3*	*99.7*	*3,157.6*	*0.0*	*0.0*	*99.7*	*3,157.6*	*6,882.6*	*9,940.5*
..... *Solar Thermal without Energy Storage*	*1,116.0*	*0.0*	*0.0*	*1,116.0*	*0.0*	*124.0*	*640.0*	*250.0*	*250.0*	*0.0*	*0.0*	*250.0*	*250.0*	*1,366.0*	*1,366.0*
..... *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	7,849.6	349.9	5.2	8,194.3	344.7	1,974.0	4,167.7	349.7	3,523.6	0.0	0.0	349.7	3,523.6	8,544.0	11,717.9
..... Conventional Hydroelectric	79,238.0	75.5	154.5	79,159.0	-79.0	138.8	300.4	13.5	531.2	0.0	114.2	13.5	417.0	79,172.5	79,576.0
..... *Wood/Wood Waste Biomass*	*8,329.8*	*167.9*	*279.9*	*8,217.8*	*-112.0*	*16.5*	*613.5*	*0.0*	*77.0*	*0.0*	*15.5*	*0.0*	*61.5*	*8,217.8*	*8,279.3*
..... *Landfill Gas*	*2,044.2*	*49.2*	*5.3*	*2,088.1*	*43.9*	*116.3*	*134.5*	*0.0*	*6.3*	*0.0*	*9.0*	*0.0*	*-2.7*	*2,088.1*	*2,085.4*
..... *Municipal Solid Waste*	*2,224.0*	*1.0*	*4.7*	*2,220.3*	*-3.7*	*-10.4*	*-10.4*	*3.0*	*88.0*	*0.0*	*0.0*	*3.0*	*88.0*	*2,223.3*	*2,308.3*
..... *Other Waste Biomass*	*833.4*	*1.5*	*18.8*	*816.1*	*-17.3*	*-23.1*	*94.3*	*11.6*	*34.8*	*0.0*	*0.0*	*11.6*	*34.8*	*827.7*	*850.9*
..... Biomass Sources Subtotal	13,431.4	219.6	308.7	13,342.3	-89.1	99.3	831.9	14.6	206.1	0.0	24.5	14.6	181.6	13,356.9	13,523.9
..... Geothermal	2,694.7	0.0	26.7	2,668.0	-26.7	-20.6	50.8	0.0	1.8	0.0	0.0	0.0	1.8	2,668.0	2,669.8
... Renewable Sources Subtotal	***164,536.3***	***939.1***	***599.8***	***164,875.6***	***339.3***	***3,334.6***	***7,416.5***	***716.5***	***10,655.6***	***0.0***	***138.7***	***716.5***	***10,516.9***	***165,592.1***	***175,392.5***
..... *Natural Gas Fired Combined Cycle*	*225,121.3*	*5,390.7*	*4,268.0*	*226,244.0*	*1,122.7*	*1,365.3*	*2,167.3*	*677.1*	*6,070.5*	*0.0*	*32.0*	*677.1*	*6,038.5*	*226,921.1*	*232,282.5*
..... *Natural Gas Fired Combustion Turbine*	*124,674.3*	*726.7*	*581.9*	*124,819.1*	*144.8*	*412.2*	*295.6*	*8.8*	*1,173.5*	*0.0*	*1,335.0*	*8.8*	*-161.5*	*124,827.9*	*124,657.6*
..... *Natural Gas with Compressed Air Storage*	*110.0*	*0.0*	*0.0*	*110.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*110.0*	*110.0*
..... *Other Natural Gas*	*78,007.9*	*942.6*	*429.4*	*78,521.1*	*513.2*	*963.1*	*516.0*	*0.0*	*800.7*	*8.1*	*263.9*	*-8.1*	*536.8*	*78,513.0*	*79,057.9*
..... Natural Gas Subtotal	427,913.5	7,060.0	5,279.3	429,694.2	1,780.7	2,740.6	2,978.9	685.9	8,044.7	8.1	1,630.9	677.8	6,413.8	430,372.0	436,108.0
..... *Conventional Steam Coal*	*301,805.7*	*1,555.7*	*2,009.7*	*301,351.7*	*-454.0*	*-3,861.6*	*-7,508.7*	*0.0*	*82.1*	*652.0*	*12,854.5*	*-652.0*	*-12,772.4*	*300,699.7*	*288,579.3*
..... *Coal Integrated Gasification Combined Cycle*	*791.0*	*161.0*	*161.0*	*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	302,596.7	1,716.7	2,170.7	302,142.7	-454.0	-3,861.2	-7,508.3	0.0	82.1	652.0	12,854.5	-652.0	-12,772.4	301,490.7	289,370.3
..... Petroleum Coke	2,303.1	18.0	0.0	2,321.1	18.0	-388.2	-388.2	0.0	0.0	0.0	0.0	0.0	0.0	2,321.1	2,321.1
..... Petroleum Liquids	41,362.7	65.6	958.6	40,469.7	-893.0	-2,469.1	-3,061.5	1.0	3.9	1.3	839.6	-0.3	-835.7	40,469.4	39,634.0
..... Other Gases	1,969.4	0.0	0.0	1,969.4	0.0	27.8	27.8	0.0	0.0	0.0	43.2	0.0	-43.2	1,969.4	1,926.2
... Fossil Fuels Subtotal	***776,145.4***	***8,860.3***	***8,408.6***	***776,597.1***	***451.7***	***-3,950.1***	***-7,951.3***	***686.9***	***8,130.7***	***661.4***	***15,368.2***	***25.5***	***-7,237.5***	***776,622.6***	***769,359.6***
..... Hydroelectric Pumped Storage	22,411.3	220.0	220.0	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	20.0	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***	***220.0***	***220.0***	***22,603.9***	***0.0***	***49.8***	***70.8***	***0.0***	***114.0***	***0.0***	***0.0***	***0.0***	***114.0***	***22,603.9***	***22,717.9***
... Nuclear	***99,188.7***	***10.1***	***18.7***	***99,180.1***	***-8.6***	***75.1***	***183.1***	***0.0***	***0.0***	***0.0***	***604.3***	***0.0***	***-604.3***	***99,180.1***	***98,575.8***
... All Other	***2,057.5***	***212.1***	***0.5***	***2,269.1***	***211.6***	***705.0***	***705.0***	***0.0***	***34.0***	***0.0***	***0.0***	***0.0***	***34.0***	***2,269.1***	***2,303.1***
TOTAL	**1,064,531.8**	**10,241.6**	**9,247.6**	**1,065,525.8**	**994.0**	**214.4**	**424.1**	**1,403.4**	**18,934.3**	**661.4**	**16,111.2**	**742.0**	**2,823.1**	**1,066,267.8**	**1,068,348.9**

NOTES:
Planned Capacity Additions reflect plans to begin operating new units and plans to uprate existing units.
Planned Capacity Reductions reflect plans to retire or derate existing units.
Actual Capacity Additions reflect new units, uprates to existing units, corrections to previously reported capacities, and additions not previously reported.
Actual Capacity Reductions reflect retirements of and derates to existing units, corrections to previously reported capacities, and reductions not previously reported.
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifcant 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, August 2014 and 2013 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	4,482.6	4,184.6	23,045.9	24,383.4	1,775.4	1,753.4	3.0	3.0	4,630.3	4,630.3	52.9	48.0	33,990.1	35,002.7
Connecticut	331.6	294.7	6,247.2	6,377.8	29.4	29.4	0.0	0.0	2,102.5	2,102.5	30.9	26.0	8,741.6	8,830.4
Maine	1,814.9	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	4,589.7	4,483.5
Massachusetts	804.7	770.3	9,949.2	11,149.4	1,746.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	13,180.2	14,324.0
New Hampshire	929.3	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	4,412.2	4,347.4
Rhode Island	67.2	29.8	1,759.8	1,752.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,827.0	1,782.6
Vermont	534.9	530.7	100.2	99.8	0.0	0.0	0.0	0.0	604.3	604.3	0.0	0.0	1,239.4	1,234.8
Middle Atlantic	10,058.6	9,684.2	68,570.4	71,401.8	3,341.0	3,321.0	40.0	28.0	19,229.4	19,055.4	11.2	11.2	101,250.6	103,501.6
New Jersey	578.1	480.5	13,539.7	13,927.4	420.0	400.0	0.0	0.0	4,107.5	4,114.5	11.2	11.2	18,656.5	18,933.6
New York	6,617.5	6,445.3	25,980.3	25,914.2	1,400.0	1,400.0	20.0	28.0	5,415.1	5,263.3	0.0	0.0	39,432.9	39,050.8
Pennsylvania	2,863.0	2,758.4	29,050.4	31,560.2	1,521.0	1,521.0	20.0	0.0	9,706.8	9,677.6	0.0	0.0	43,161.2	45,517.2
East North Central	9,274.5	8,797.7	122,081.0	123,687.9	1,872.0	1,871.0	24.0	0.0	18,861.2	18,809.2	109.6	114.1	152,222.3	153,279.9
Illinois	3,724.7	3,715.1	29,822.6	29,852.3	0.0	0.0	0.0	0.0	11,577.5	11,541.0	0.0	5.0	45,124.8	45,113.4
Indiana	1,731.2	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	27,207.6	27,387.6
Michigan	1,947.2	1,574.3	22,331.2	23,056.2	1,872.0	1,871.0	0.0	0.0	3,936.2	3,936.2	0.0	0.0	30,086.6	30,437.7
Ohio	715.9	755.4	29,486.6	29,922.8	0.0	0.0	24.0	0.0	2,150.0	2,150.0	0.5	0.0	32,377.0	32,828.2
Wisconsin	1,155.5	1,089.0	15,052.2	15,220.9	0.0	0.0	0.0	0.0	1,197.5	1,182.0	21.1	21.1	17,426.3	17,513.0
West North Central	18,465.3	17,734.4	62,186.9	62,183.7	657.0	657.0	1.0	0.0	5,888.0	5,805.0	24.5	23.7	87,222.7	86,403.8
Iowa	5,216.8	5,167.4	10,130.7	10,250.5	0.0	0.0	0.0	0.0	601.4	601.4	0.0	0.0	15,948.9	16,019.3
Kansas	2,990.9	2,733.2	10,156.1	10,185.1	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.8	0.0	14,322.8	14,093.3
Minnesota	3,510.5	3,390.9	10,457.2	10,444.8	0.0	0.0	1.0	0.0	1,673.0	1,594.0	18.4	18.4	15,660.1	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	4,449.1	4,208.1	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	6,733.4	6,488.1
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	12,348.9	11,657.4	162,089.8	162,649.2	7,905.2	7,905.2	32.0	32.0	24,494.3	24,603.0	1,053.0	406.0	207,923.2	207,252.8
Delaware	38.3	38.3	3,207.4	3,325.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,245.7	3,364.2
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	1,341.6	1,160.0	54,216.3	53,821.8	0.0	0.0	0.0	0.0	3,572.0	3,700.0	903.0	352.0	60,032.9	59,033.8
Georgia	2,806.6	2,753.4	29,501.8	29,863.7	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	0.0	0.0	38,231.6	38,540.3
Maryland	912.3	882.9	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	12,217.3
North Carolina	2,860.8	2,632.9	21,996.5	22,029.0	86.0	86.0	0.0	0.0	5,056.0	5,056.0	54.0	54.0	30,053.3	29,857.9
South Carolina	1,769.5	1,726.7	11,979.9	12,134.7	2,716.0	2,716.0	0.0	0.0	6,508.0	6,508.0	0.0	0.0	22,973.4	23,085.4
Virginia	1,747.6	1,591.0	16,187.6	16,434.6	3,241.0	3,241.0	0.0	0.0	3,581.3	3,562.0	96.0	0.0	24,853.5	24,828.6
West Virginia	872.2	872.2	15,364.1	15,411.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,268.3	16,315.3
East South Central	7,932.9	7,941.6	70,838.6	70,955.3	1,616.3	1,616.3	0.0	0.0	9,857.5	9,863.1	151.4	1.4	90,396.7	90,377.7
Alabama	3,893.3	3,948.9	22,909.1	23,333.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	31,845.8	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	146,888.4	146,518.3	288.0	288.0	36.0	37.0	8,910.4	8,922.0	435.6	435.9	177,123.9	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	23,236.2	22,634.8	0.0	0.0	0.0	0.0	2,131.4	2,134.0	202.3	207.6	26,212.8	25,547.9
Oklahoma	4,078.3	4,070.7	19,085.6	19,160.6	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	23,423.9	23,491.3
Texas	14,214.3	13,384.5	93,260.3	92,320.1	0.0	0.0	36.0	37.0	4,960.0	4,960.0	233.3	228.3	112,703.9	110,929.9
Mountain	20,106.8	19,314.2	64,530.3	65,104.1	778.8	778.8	2.6	1.8	3,937.0	3,937.0	111.4	111.4	89,466.9	89,247.3
Arizona	4,255.4	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	28,000.8	28,080.0
Colorado	3,128.7	3,062.3	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	14,959.0
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	2,094.5	1,906.1	8,575.8	8,559.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,670.3	10,465.8
New Mexico	1,080.3	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	7,961.8	8,463.3
Utah	666.0	641.1	7,624.3	6,959.7	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	8,322.1	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	60,592.5	57,436.1	52,379.3	53,650.2	4,177.6	4,177.6	6.0	0.0	3,372.0	3,372.0	292.9	385.8	120,820.3	119,021.7
California	24,180.2	21,150.8	43,891.5	44,903.3	3,863.6	3,863.6	6.0	0.0	2,240.0	2,240.0	235.6	375.8	74,416.9	72,533.5
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	24,377.8	24,336.3	4,852.9	5,149.7	314.0	314.0	0.0	0.0	1,132.0	1,132.0	56.8	10.0	30,733.5	30,942.0
Pacific Noncontiguous	1,048.0	1,015.7	3,986.5	4,014.5	0.0	0.0	48.0	63.0	0.0	0.0	26.6	26.6	5,109.1	5,119.8
Alaska	482.6	479.3	1,921.9	1,849.3	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,431.5	2,355.6
Hawaii	565.4	536.4	2,064.6	2,165.2	0.0	0.0	21.0	36.0	0.0	0.0	26.6	26.6	2,677.6	2,764.2
U.S. Total	164,875.6	157,459.1	776,597.1	784,548.4	22,411.3	22,368.3	192.6	164.8	99,180.1	98,997.0	2,269.1	1,564.1	1,065,525.8	1,065,101.7

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, August 2014 and 2013 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	797.9	785.0	209.6	59.0	0.0	0.0	1,959.1	1,957.9	1,516.0	1,382.7	0.0	0.0	4,482.6	4,184.6
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	427.6	427.6	0.0	0.0	0.0	0.0	734.4	734.4	652.9	534.6	0.0	0.0	1,814.9	1,696.6
Massachusetts	76.1	64.7	185.5	49.1	0.0	0.0	263.0	261.1	280.1	395.4	0.0	0.0	804.7	770.3
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	513.2	513.9	245.1	177.6	0.0	0.0	929.3	862.5
Rhode Island	3.0	1.5	6.9	1.9	0.0	0.0	2.7	2.7	54.6	23.7	0.0	0.0	67.2	29.8
Vermont	120.2	120.2	12.2	8.0	0.0	0.0	323.6	323.6	78.9	78.9	0.0	0.0	534.9	530.7
Middle Atlantic	3,082.2	3,017.7	436.6	320.6	0.0	0.0	5,217.0	5,079.2	1,322.8	1,266.7	0.0	0.0	10,058.6	9,684.2
New Jersey	7.5	7.5	349.5	252.1	0.0	0.0	3.3	3.3	217.8	217.6	0.0	0.0	578.1	480.5
New York	1,730.8	1,636.4	46.2	31.5	0.0	0.0	4,322.5	4,314.4	518.0	463.0	0.0	0.0	6,617.5	6,445.3
Pennsylvania	1,343.9	1,373.8	40.9	37.0	0.0	0.0	891.2	761.5	587.0	586.1	0.0	0.0	2,863.0	2,758.4
East North Central	7,073.8	6,773.4	137.5	62.6	0.0	0.0	884.0	817.2	1,179.2	1,144.5	0.0	0.0	9,274.5	8,797.7
Illinois	3,525.1	3,520.1	33.6	29.0	0.0	0.0	34.1	34.1	131.9	131.9	0.0	0.0	3,724.7	3,715.1
Indiana	1,539.7	1,539.7	69.8	3.5	0.0	0.0	59.5	59.5	62.2	61.2	0.0	0.0	1,731.2	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	504.1	424.2	0.0	0.0	18,465.3	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	430.5	372.5	0.0	0.0	3,510.5	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	609.6	302.1	0.0	0.0	7,169.2	7,174.6	3,864.8	3,475.4	0.0	0.0	12,348.9	11,657.4
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	1,220.7	1,039.1	0.0	0.0	1,341.6	1,160.0
Georgia	0.0	0.0	61.1	3.2	0.0	0.0	2,037.9	2,047.9	707.6	702.3	0.0	0.0	2,806.6	2,753.4
Maryland	120.0	120.0	55.2	29.6	0.0	0.0	590.0	590.0	147.1	143.3	0.0	0.0	912.3	882.9
North Carolina	0.0	0.0	396.1	174.6	0.0	0.0	1,993.7	1,991.7	471.0	466.6	0.0	0.0	2,860.8	2,632.9
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	1,168.8	1,179.8	0.0	0.0	7,932.9	7,941.6
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	621.1	676.7	0.0	0.0	3,893.3	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	6,758.1	1,696.0	1,343.1	363.9	69.5	10,560.0	10,551.4	184.8	159.9	486.9	432.2	20,106.8	19,314.2
Arizona	237.3	237.3	963.3	803.6	295.4	1.0	2,720.9	2,720.4	38.5	38.5	0.0	0.0	4,255.4	3,800.8
Colorado	2,302.9	2,271.1	120.2	117.6	0.0	0.0	678.2	660.6	27.4	13.0	0.0	0.0	3,128.7	3,062.3
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	419.1	258.8	68.5	68.5	1,051.4	1,051.4	3.2	3.2	402.3	374.2	2,094.5	1,906.1
New Mexico	797.3	777.5	192.1	161.8	0.0	0.0	82.9	82.9	6.4	6.4	1.6	0.0	1,080.3	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	11,973.1	11,776.1	3,518.1	1,362.0	1,047.5	406.5	39,858.9	39,751.9	2,056.8	1,997.6	2,138.1	2,142.0	60,592.5	57,436.1
California	6,005.9	5,818.0	3,504.9	1,350.8	1,047.5	406.5	10,175.4	10,150.3	1,326.1	1,300.9	2,120.4	2,124.3	24,180.2	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	21,167.8	21,146.9	403.2	382.7	0.0	0.0	24,377.8	24,336.3
Pacific Noncontiguous	265.6	262.3	32.2	13.2	0.0	0.0	440.6	440.6	266.6	256.6	43.0	43.0	1,048.0	1,015.7
Alaska	60.0	56.7	0.0	0.0	0.0	0.0	415.6	415.6	7.0	7.0	0.0	0.0	482.6	479.3
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	61,512.0	59,446.3	6,782.9	3,550.6	1,411.4	476.0	79,159.0	78,858.6	13,342.3	12,510.4	2,668.0	2,617.2	164,875.6	157,459.1

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, August 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	
	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013	August 2014	August 2013
New England	11,708.6	12,194.9	1,110.3	1,223.5	878.8	857.6	2,232.9	2,547.1	0.0	0.0	7,115.3	7,560.3	0.0	0.0	23,045.9	24,383.4
Connecticut	2,492.3	2,511.7	481.2	591.6	63.3	60.8	383.4	383.4	0.0	0.0	2,827.0	2,830.3	0.0	0.0	6,247.2	6,377.8
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	1,230.6	1,544.8	0.0	0.0	2,671.3	3,110.1	0.0	0.0	9,949.2	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	100.2	99.8	0.0	0.0	100.2	99.8
Middle Atlantic	22,413.0	22,478.6	8,754.1	8,767.0	10,125.3	8,766.3	18,733.8	21,596.7	11.6	11.6	8,432.2	9,681.2	100.4	100.4	68,570.4	71,401.8
New Jersey	5,813.0	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	13,539.7	13,927.4
New York	8,261.3	8,338.6	3,017.0	3,011.4	7,656.3	7,194.6	2,137.8	2,334.2	0.0	0.0	4,907.9	5,035.4	0.0	0.0	25,980.3	25,914.2
Pennsylvania	8,338.7	8,269.7	1,681.0	1,661.9	1,798.6	928.8	14,720.2	17,255.9	0.0	0.0	2,411.5	3,343.5	100.4	100.4	29,050.4	31,560.2
East North Central	16,276.1	16,838.4	25,847.7	25,745.4	3,524.3	3,430.8	72,001.4	73,005.2	570.1	570.1	2,928.3	3,191.9	933.1	906.1	122,081.0	123,687.9
Illinois	2,959.7	2,976.6	10,315.6	10,314.6	228.0	238.7	15,515.6	15,541.6	0.0	0.0	686.0	663.1	117.7	117.7	29,822.6	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	3,408.7	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	23,056.2
Ohio	3,963.8	3,963.8	5,426.7	5,443.1	133.4	57.4	18,744.5	19,204.5	142.0	142.0	859.1	894.9	217.1	217.1	29,486.6	29,922.8
Wisconsin	2,671.3	2,669.1	3,371.4	3,389.4	139.5	135.6	8,165.6	8,311.3	106.9	106.9	597.5	608.6	0.0	0.0	15,052.2	15,220.9
West North Central	5,730.6	5,724.1	11,506.4	11,201.8	3,206.1	3,257.3	37,590.8	37,854.8	32.0	32.0	4,112.6	4,105.3	8.4	8.4	62,186.9	62,183.7
Iowa	1,112.8	1,161.5	1,106.2	1,113.9	299.1	261.4	6,562.3	6,683.4	32.0	32.0	1,018.3	998.3	0.0	0.0	10,130.7	10,250.5
Kansas	0.0	0.0	2,381.5	2,377.8	2,024.2	2,043.0	5,217.1	5,223.0	0.0	0.0	533.3	541.3	0.0	0.0	10,156.1	10,185.1
Minnesota	2,158.2	2,107.2	2,553.0	2,558.4	231.2	278.7	4,705.4	4,696.5	0.0	0.0	809.4	804.0	0.0	0.0	10,457.2	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	0.0	0.0	0.0	4,128.1	4,141.1	0.0	0.0	64.6	58.6	8.4	8.4	4,449.1	4,208.1
South Dakota	290.0	300.0	694.6	642.6	12.6	12.6	475.0	496.6	0.0	0.0	226.5	226.9	0.0	0.0	1,698.7	1,678.7
South Atlantic	46,032.0	44,804.2	31,910.0	31,521.0	4,789.5	4,022.6	64,415.1	66,325.3	669.8	633.8	14,138.4	15,207.3	135.0	135.0	162,089.8	162,649.2
Delaware	1,136.0	1,130.0	355.0	355.0	892.0	874.5	575.0	726.0	0.0	0.0	114.4	105.4	135.0	135.0	3,207.4	3,325.9
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	0.0	0.0	9.0	10.0
Florida	25,756.9	25,157.6	8,410.2	7,958.9	2,674.3	2,186.5	10,087.0	10,266.0	586.0	550.0	6,701.9	7,702.8	0.0	0.0	54,216.3	53,821.8
Georgia	7,941.2	7,960.0	7,808.0	7,836.9	155.0	115.0	12,412.1	12,737.1	83.8	83.8	1,101.7	1,130.9	0.0	0.0	29,501.8	29,863.7
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	4,678.6	4,075.6	6,035.7	6,068.2	74.0	74.0	10,805.8	11,394.8	0.0	0.0	402.4	416.4	0.0	0.0	21,996.5	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	3,873.3	3,969.3	3,877.6	3,877.6	546.9	320.7	5,554.1	5,898.3	0.0	0.0	2,335.7	2,368.7	0.0	0.0	16,187.6	16,434.6
West Virginia	0.0	0.0	1,073.9	1,073.9	5.6	5.6	14,273.6	14,320.6	0.0	0.0	11.0	11.0	0.0	0.0	15,364.1	15,411.1
East South Central	18,311.7	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	70,838.6	70,955.3
Alabama	9,365.1	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	22,909.1	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	57,848.1	56,455.9	12,033.9	12,135.5	37,500.9	38,020.0	37,939.4	37,921.3	985.6	1,409.8	200.6	195.9	379.9	379.9	146,888.4	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	7,356.6	7,324.2	2,397.3	2,406.2	8,996.7	8,434.2	3,427.0	3,414.0	975.0	975.0	49.3	46.9	34.3	34.3	23,236.2	22,634.8
Oklahoma	7,427.5	7,512.5	1,191.9	1,191.9	5,093.2	5,092.5	5,298.6	5,294.4	0.0	0.0	74.4	69.3	0.0	0.0	19,085.6	19,160.6
Texas	38,433.5	36,958.7	7,717.1	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	93,260.3	92,320.1
Mountain	21,777.3	21,672.5	8,854.8	8,866.5	3,319.2	3,336.6	30,094.0	30,756.4	52.0	52.0	338.1	325.2	94.9	94.9	64,530.3	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	5,303.3	5,287.2	1,380.6	1,380.6	587.1	587.1	1,293.4	1,293.4	0.0	0.0	11.4	11.4	0.0	0.0	8,575.8	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	320.3	300.9	4,926.0	4,901.0	0.0	0.0	27.8	27.8	0.0	0.0	7,624.3	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	25,541.4	25,526.2	11,452.2	11,724.9	12,547.7	13,543.4	2,177.8	2,231.5	0.0	0.0	448.3	413.1	211.9	211.1	52,379.3	53,650.2
California	19,856.4	19,582.1	10,617.2	10,889.9	12,520.1	13,515.8	252.8	306.5	0.0	0.0	433.1	397.9	211.9	211.1	43,891.5	44,903.3
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	701.2	701.2	27.6	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	4,852.9	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	2,550.8	2,653.9	6.0	6.0	3,986.5	4,014.5
Alaska	605.2	577.0	520.2	472.1	13.8	15.0	110.5	110.5	0.0	0.0	672.2	674.7	0.0	0.0	1,921.9	1,849.3
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,878.6	1,979.2	6.0	6.0	2,064.6	2,165.2
U.S. Total	226,244.0	224,076.7	124,819.1	124,523.5	78,631.1	78,115.1	302,142.7	309,651.0	2,321.1	2,709.3	40,469.7	43,531.2	1,969.4	1,941.6	776,597.1	784,548.4

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

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

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	9	58894	CF CVEC Owner One LLC	IPP	Barnstable Landfill	MA	59081	HAR1	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	9	58894	CF CVEC Owner One LLC	IPP	Brewster Landfill	MA	59075	BRE1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	9	58894	CF CVEC Owner One LLC	IPP	Chatham Landfill	MA	59077	CHA	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	9	58894	CF CVEC Owner One LLC	IPP	Dennis Landfill	MA	59082	DEN1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	9	58748	Clean Energy LLC	Electric CHP	Reventure Park	NC	58865	RNG	1.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	9	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	UNK	10.0	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete
2014	9	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	9	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	9	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	9	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	9	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL8	18.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	9	59129	Foundation CA Fund VII Manager, LLC	Industrial	Anheuser-Busch #2	CA	59331	ANB2	1.9	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	9	59129	Foundation CA Fund VII Manager, LLC	IPP	City of Soledad Water Reclamation Facility	CA	59329	SOL1	1.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	9	59129	Foundation CA Fund VII Manager, LLC	IPP	Taylor Farms	CA	59330	TAY1	1.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	9	49893	Invenergy Services LLC	IPP	Marsh Hill Wind Farm	NY	58768	1	16.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	9	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	9	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	9	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	9	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	9	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	9	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	9	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS15	14.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	9	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	9	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	9	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
2014	9	56990	NJR Clean Energy Ventures Corporation	IPP	Jacobstown	NJ	59185	PV1	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	9	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	9	26616	North Slope Borough Power & Light	Electric Utility	NSB Point Hope Utility	AK	7485	PG1A	1.0	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete
2014	9	58726	Oakboro Farm LLC	IPP	Oakboro Farm	NC	58851	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	9	59122	The Medical Center Company	IPP	MCCo Solar Generating Facility	OH	59324	MCCO1	0.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	58825	WE 90 Technology Drive LLC	IPP	Technology Drive Solar	VT	58964	PV1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	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	9	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	9	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	9	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	10	56702	510 REPP One LLC	IPP	510 REPP One	NC	57363	1	1.3	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	58926	Anderson Farm LLC	IPP	Anderson Farm LLC	NC	59115	1	1.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	10	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	10	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	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	(V) Under construction, more than 50 percent complete
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01B	40.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01C	20.0	All Other	WH	CA	(V) Under construction, more than 50 percent complete
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	02A	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	10	58841	Broken Bow Wind II, LLC	IPP	Broken Bow Wind II, LLC	NE	58981	BBII	73.1	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	10	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	10	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	10	56769	Consolidated Edison Development Inc.	IPP	White River Solar 2	CA	58973	W2CA	19.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
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	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	10	58883	ERWR Whitcomb Farm Solar LLC	IPP	Whitcomb Solar Farm	VT	59049	PS01	2.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	(V) Under construction, more than 50 percent complete
2014	10	58970	Ecoplexus, Inc	IPP	Mesa PV1	CO	59199	MESA1	1.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	58970	Ecoplexus, Inc	IPP	Sterling PV 3	CO	59198	STER3	1.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 50 percent complete
2014	10	58523	Enerdyne Power Systems Inc	IPP	Black Oak Power Producers, LLC	MO	59310	GEN2	1.9	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	10	58740	Erwin Farm LLC	IPP	Erwin Farm	NC	58859	1	5.0	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	DSL9	22.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	10	58503	Garnet Solar Power Station 1 LLC	IPP	Garnet Solar Power Station 1 LLC	CA	58528	WDT44	4.0	Solar Photovoltaic	SUN	PV	(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	(U) Under construction, less than or equal to 50 percent complete
2014	10	57503	Limon	IPP	Limon III Wind LLC	CO	59083	WT1	200.6	Onshore Wind Turbine	WND	WT	(OP) Operating
2014	10	58413	Lone Valley Solar Park I LLC	IPP	Lone Valley Solar Park I LLC	CA	58417	CP1	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	12341	MidAmerican Energy Co	Electric Utility	Macksburg Wind Project	IA	58885	MBWF	112.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	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	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	10	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	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	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	10	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	10	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	10	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	10	57331	Soitec Solar Development LLC	IPP	Desert Green Solar Farm LLC	CA	57959	1	6.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	10	58997	Soluga Farms 2 LLC	IPP	Soluga Farms 2 LLC	NC	59192	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26K	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26L	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44K	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44L	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44M	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44N	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44O	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44P	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	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	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	01	9.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	02	9.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	03	9.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	04	9.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	05	9.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	06	9.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	07	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	08	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	09	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	10	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	11	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	10	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	12	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	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	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	58716	Windsor Cooper Hill Solar, LLC	IPP	Windsor Cooper Hill Solar, LLC	NC	58847	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	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	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	59174	CD US Solar MT3, LLC	IPP	LandPro-1	CA	59397	SNL17	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	59174	CD US Solar MT3, LLC	IPP	LandPro-2	CA	59398	SNL18	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	59174	CD US Solar MT3, LLC	IPP	LandPro-3	CA	59399	SNL19	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
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	105.4	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	5	25.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	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	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	11	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	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	Wellsburg Wind Project	IA	58886	WBWF	140.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	11	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS13	57.0	Solar Photovoltaic	SUN	PV	(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	(U) Under construction, less than or equal to 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	FRV4I	60.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
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	377.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	11	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	11	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
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

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 B2	CA	59269	VML B2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58661	sPower	IPP	Victor Mesa Linda C2	CA	59270	VMLC2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58661	sPower	IPP	Victor Mesa Linda D2	CA	59271	VMLD2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	11	58661	sPower	IPP	Victor Mesa Linda E2	CA	59272	VMLE2	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	12	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	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	Cienera Renewable Energy LLC	IPP	Avalon Solar	AZ	59168	AS	29.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 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	GRVW	200.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	5906	EDF Renewable Services Inc	IPP	TX Hereford Wind	TX	58773	GEN1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	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	(U) Under construction, less than or equal to 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	KWI1	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	Everdryne 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	(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 H	CA	58913	1	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG M	CA	58912	1	1.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58412	Headwaters Wind Farm LLC	IPP	Headwaters Wind Farm LLC	IN	58416	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58695	Heliosage LLC	IPP	Albemarle Solar Center LLC	NC	58806	ASC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC	IPP	Bozeman 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	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	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	SSZ2	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	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	Biscoe Solar LLC	NC	58667	BISCO	5.0	Solar Photovoltaic	SUN	PV	(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	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Cirrus Solar LLC	NC	58674	CIRRU	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Gates Solar LLC	NC	58673	GATES	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Montgomery Solar LLC	NC	58649	1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Rockwell Solar LLC	NC	58668	ROCKW	3.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Selma Solar LLC	NC	58669	SELMA	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58477	O2energies, Inc.	IPP	Turkey Branch Solar LLC	NC	58670	TURKY	5.0	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	59121	Pumpjack Solar I, LLC	IPP	Pumpjack Solar I	CA	59322	GEN1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	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	58920	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	58658	Sunlight Partners	IPP	Amethyst Solar	NC	58730	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Charlotte Solar	NC	58722	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Elliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58658	Sunlight Partners	IPP	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Minnie Solar	NC	58740	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	24211	Tucson Electric Power Co	Electric Utility	Fort Huachuca Solar PV Project	AZ	58972	FHUAC	14.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 50 percent complete
2014	12	58661	sPower	IPP	Leavenworth Greenworks LLC	NY	59276	LEAVG	9.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58661	sPower	IPP	Sterlington Greenworks LLC	NY	59275	STERG	1.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58661	sPower	IPP	Sutter Greenworks LLC	NY	59274	SUTTG	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	1	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG1	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	1	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG2	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	1	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG3	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(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	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 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

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	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	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
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	1	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	10	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	11	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	12	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	2	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	3	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	4	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	5	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	6	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	7	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	8	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Parkland Landfill Solar	NJ	59001	PARK	7.8	Solar Photovoltaic	SUN	PV	(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	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG1	22.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2015	2	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	(U) Under construction, less than or equal to 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	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	CONI11	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	2	58661	sPower	IPP	Con Dios Solar 3	CA	59263	CONI03	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	3	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG2	25.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	3	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG2	22.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2015	3	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	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
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	58361	Triton College	Commercial	Triton East and West Cogen	IL	58375	5	0.4	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	3	59156	Wapsie Valley Creamery	Industrial	Wapsie Valley Creamery Back Up Generator	IA	59379	1	1.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2015	3	58661	sPower	IPP	SEPV Palmdale East	CA	59273	PALME	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	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	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	8	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	4	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	58815	KDC Solar RTC LLC	IPP	Delilah Road Landfill	NJ	58951	DRLS	9.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	4	58773	Kingfisher Wind LLC	IPP	Kingfisher Wind LLC	OK	58902	KNG1	300.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	4	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. Utl. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	4	12670	Missouri Jnt Muni.Pwr Elec. Utl. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT2	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	4	14077	Oklahoma Municipal Power Authority	Electric Utility	Charles D. Lamb Energy Center	OK	58325	1	122.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 50 percent complete
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	(U) Under construction, less than or equal to 50 percent complete
2015	5	58706	67RK 8me LLC	IPP	Redcrest Solar Farm	CA	58831	PV-1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	58981	Bethel Solar LLC	IPP	Bethel Solar	NC	59173	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 1	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	7	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	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

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	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	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	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	(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	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	B&H Wind	SD	59187	B&HB0	80.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
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	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	(U) Under construction, less than or equal to 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	(U) Under construction, less than or equal to 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	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	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	57331	Soitec Solar Development LLC	IPP	LanEast Solar Farm LLC	CA	57957	1	20.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	57331	Soitec Solar Development LLC	IPP	LanWest Solar Farm LLC	CA	57958	1	5.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58999	Sonoran West Solar Holdings LLC	IPP	Sonoran West Solar EGS	CA	59202	1	540.0	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	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG1	25.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	7	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	59150	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	7	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	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	(L) Regulatory approvals pending. Not under construction
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

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	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	58896	Siskiyou Power Authority	IPP	Flat Water Wind Farm	NE	57283	WTG2	10.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	8	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	57278	Hidden Hills Solar II LLC	IPP	Hidden Hills Solar Plant 2	CA	57906	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2015	9	15399	Iberdrola Renewables Inc	Electric CHP	Lakeview Cogeneration LLC	OR	57398	1	24.0	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete
2015	9	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	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG1	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG2	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG3	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	58565	Saddleback Ridge Wind, LLC	IPP	Saddleback Ridge Wind Farm	ME	58608	SRW1	34.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	9	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
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	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	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	28098	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	Guernsey Holdings LLC	IPP	Guernsey Holdings	NC	59214	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	58695	Heliosage LLC	IPP	Highland Solar Center LLC	NC	59163	HSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Lake Solar Center LLC	NC	59161	LSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Mariposa Solar Center LLC	NC	59162	MSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Mason Solar Center LLC	NC	59165	MSC 1	15.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Nan Solar Center LLC	NC	59164	NSC 1	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Pinewood Solar Center LLC	NC	59160	PSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	58695	Heliosage LLC	IPP	Tower Solar Center LLC	NC	59159	TSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	12	59009	Hereford Holdings LLC	IPP	Hereford Holdings	NC	59215	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	59000	Holger Holdings LLC	IPP	Holger Holdings	NC	59218	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction

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	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	58679	Kirkwall Holdings, LLC	IPP	Kirkwall Holdings	NC	58791	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	55910	Lanai Sustainability Research LLC	IPP	Miliani South Solar Farm	HI	57242	1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	59022	Leonardo Wind 1 LLC	IPP	Leonardo Wind 1 LLC	IA	59228	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	59023	Leonardo Wind 3 LLC	IPP	Leonardo Wind 3 LLC	IA	59229	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	58673	Longhorn Holdings, LLC	IPP	Longhorn Holdings	NC	58781	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	4		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		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	58899	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	(L) Regulatory approvals pending. Not under construction
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 1 LLC	IPP	Optimum Wind 1 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	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	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
2016	1	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
2016	1	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
2016	1	25439	Friant Power Authority	IPP	Friant Hydro Facility	CA	50393	RO2	9.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2016	1	58880	Gallegos Wind Farm LLC	IPP	Gallegos Wind Farm, Phase 1	NM	59047	GEN 1	180.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2016	1	4361	Ingredion Inc - Stockton	Industrial	Ingredion Stockton	CA	52115	GEN2	6.5	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2016	1	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	LEFT	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2016	1	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	RGHT	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2016	1	58489	OCI Solar Power	IPP	OCI Alamo 5 LLC	TX	59205	OCIA5	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG01	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG02	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG03	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG04	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG05	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG06	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG07	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG08	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG09	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG10	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG11	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG12	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	1	59138	SunPower Corporation, Systems	IPP	Quinto Solar PV Project	CA	59339	SSC13	105.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2016	1	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	CTG	11.6	Other Waste Biomass	OBG	CT	(U) Under construction, less than or equal to 50 percent complete

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	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	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	TPSS2	14.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	5	14534	City of Pasadena - (CA)	Electric Utility	Glenarm	CA	422	GT5	68.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2016	5	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-3	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2016	5	55932	Georgia-Pacific Brewton LLC	Industrial	Georgia-Pacific Brewton Mill	AL	54789	4TG	62.0	Wood/Wood Waste Biomass	BLQ	ST	(U) Under construction, less than or equal to 50 percent complete
2016	5	59120	Los Vientos Windpower IV, LLC	IPP	Los Vientos Windpower IV	TX	59321	GEN1	2.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2016	5	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN2	382.5	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN1	500.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction
2016	5	59109	SUNE BEACON SITE 2, LLC	IPP	Beacon Solar Plant Site 2	CA	59309	BEAC2	48.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT01	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT02	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT03	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	ST01	595.3	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	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	11806	Massachusetts Mun Wholes Electric Co	Electric Utility	Stony Brook	MA	6081	3A	289.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
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	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 2, 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

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	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
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	56993	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	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 Generating Station	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

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2017	8	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	(U) Under construction, less than or equal to 50 percent complete
2017	12	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT4	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT3	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT4	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	ST1	181.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	ST2	181.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	12	11208	Los Angeles Department of Water & Power	Electric Utility	Southern Owens Valley Solar Ranch	CA	57304	1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2017	12	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	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	9	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		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		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 significant portion of capacity for some technologies such as solar photovoltaic generation.
Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.
Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2014	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	26642	PE Bay Shore LLC	Electric CHP	Entenmanns Energy Center	NY	54541	1	1.3	Other Natural Gas	NG	IC
2014	9	26642	PE Bay Shore LLC	Electric CHP	Entenmanns Energy Center	NY	54541	2	1.3	Other Natural Gas	NG	IC
2014	9	26642	PE Bay Shore LLC	Electric CHP	Entenmanns Energy Center	NY	54541	3	1.3	Other Natural Gas	NG	IC
2014	9	26642	PE Bay Shore LLC	Electric CHP	Entenmanns Energy Center	NY	54541	4	1.3	Petroleum Liquids	DFO	IC
2014	10	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	58185	FirstLight Power Resources, Inc. - MA	IPP	Mount Tom	MA	1606	1	143.6	Conventional Steam Coal	BIT	ST
2014	10	55919	Georgia-Pacific Consr Prods LP-Green Bay	Industrial	Green Bay West Mill	WI	10360	GEN10	26.4	Conventional Steam Coal	BIT	ST
2014	10	55919	Georgia-Pacific Consr Prods LP-Green Bay	Industrial	Green Bay West Mill	WI	10360	GEN5	7.5	Conventional Steam Coal	BIT	ST
2014	10	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	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	45	0.3	Other Natural Gas	NG	FC
2014	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	47	0.3	Other Natural Gas	NG	FC
2014	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	50	0.3	Other Natural Gas	NG	FC
2014	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	51	0.3	Other Natural Gas	NG	FC
2014	11	4716	Dairyland Power Coop	Electric Utility	Alma	WI	4140	4	40.4	Conventional Steam Coal	BIT	ST
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	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	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	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	1	134.3	Conventional Steam Coal	SUB	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	2	283.7	Conventional Steam Coal	SUB	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2015	4	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	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	11713	Marshall City of - (MI)	Electric Utility	Marshall	MI	1844	IC2	0.9	Other Natural Gas	NG	IC
2015	5	11713	Marshall City of - (MI)	Electric Utility	Marshall	MI	1844	IC3	1.9	Other Natural Gas	NG	IC
2015	5	11713	Marshall City of - (MI)	Electric Utility	Marshall	MI	1844	IC4	0.7	Petroleum Liquids	DFO	IC
2015	5	11713	Marshall City of - (MI)	Electric Utility	Marshall	MI	1844	IC5	1.4	Other Natural Gas	NG	IC
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

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	Kammer	WV	3947	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	1	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	2	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	3	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	4	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	5	585.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Picway	OH	2843	5	95.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Clinch River	VA	3775	3	230.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	5	90.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	6	235.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	3	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	4	145.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	1	58.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	2	55.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	3	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	5	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	6	63.0	Conventional Steam Coal	BIT	ST
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	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	1	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	2	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	4	13.0	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	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

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	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN4	5.2	Other Natural Gas	NG	ST
2015	12	14795	Perdue Agribusiness	Industrial	Oilseed Plant	VA	10515	GEN1	1.6	Conventional Steam Coal	BIT	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	3	152.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	1	6.6	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	2	7.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	3	20.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	4	46.4	Conventional Steam Coal	BIT	ST
2015	12	57302	Sonoco Products Co	Industrial	Sonoco Products Co	SC	57919	2	2.5	Other Natural Gas	NG	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	3	176.0	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	4	176.0	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	10	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	5	107.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	6	107.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	7	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	8	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	9	141.0	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Edgewater	WI	4050	3	47.2	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Generating Station	WI	4054	1	103.1	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Generating Station	WI	4054	2	103.1	Conventional Steam Coal	SUB	ST
2016	1	9231	City of Independence - (MO)	Electric Utility	Missouri City	MO	2171	1	19.0	Conventional Steam Coal	BIT	ST
2016	1	9231	City of Independence - (MO)	Electric Utility	Missouri City	MO	2171	2	19.0	Conventional Steam Coal	BIT	ST
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	4	803	Arizona Public Service Co	Electric Utility	Cholla	AZ	113	2	260.0	Conventional Steam Coal	SUB	ST
2016	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	1	100.0	Conventional Steam Coal	BIT	ST
2016	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	2	100.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	2	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	3	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	4	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	5	95.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	6	318.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	2	52.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	3	101.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	4	115.0	Other Natural Gas	NG	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	ST1	48.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	3	40.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	4	56.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	5	62.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	6	99.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	IC1	3.0	Petroleum Liquids	DFO	IC
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
2016	4	15474	Public Service Co of Oklahoma	Electric Utility	Northeastern	OK	2963	4	460.0	Conventional Steam Coal	SUB	ST
2016	4	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	2	528.0	Conventional Steam Coal	SUB	ST
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P1	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P2	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P2	25.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P3	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P4	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Rio Pinar	FL	637	P1	12.0	Petroleum Liquids	DFO	GT
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	7	38.0	Conventional Steam Coal	SUB	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	ST
2016	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	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2016	12	4045	City of Columbia - (MO)	Electric Utility	Columbia	MO	2123	5	16.5	Conventional Steam Coal	BIT	ST
2016	12	49756	Illinois Power Resources Generating LLC	Electric Utility	E D Edwards	IL	856	1	95.0	Conventional Steam Coal	SUB	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT1	16.5	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT2	13.9	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT3	15.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT4	16.1	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.9	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	24.7	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	27.3	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	3	30.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	4	35.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC2	1.4	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	12.8	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	79.1	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	19.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	2	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.7	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	82.0	Other Natural Gas	NG	ST
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	El Cajon	CA	301	ENCI	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA2	59.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA3	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Miramar	CA	305	MRGT	36.0	Natural Gas Fired Combustion Turbine	NG	GT
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	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	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	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	7	104.0	Conventional Steam Coal	BIT	ST
2017	12	463	Ameresco LFG I Inc	IPP	Al Turi	NY	10549	3010	0.8	Landfill Gas	LFG	IC
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	83.0	Natural Gas Fired Combined Cycle	NG	CA
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	2	104.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	3	110.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	4	300.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	5	330.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	ST1	106.0	Other Natural Gas	NG	ST
2017	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	4	255.0	Conventional Steam Coal	BIT	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	1	9.0	Municipal Solid Waste	MSW	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	2	9.0	Municipal Solid Waste	MSW	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	1	9.0	Municipal Solid Waste	MSW	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	2	9.0	Municipal Solid Waste	MSW	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	13781	Northern States Power Co - Minnesota	Electric Utility	Northern States Flambeau	WI	3984	1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
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	1	17166	Sierra Pacific Power Co	Electric Utility	Gabbs	NV	6514	1	2.7	Petroleum Liquids	DFO	IC
2019	1	17166	Sierra Pacific Power Co	Electric Utility	Gabbs	NV	6514	2	2.7	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	1	138.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	2	137.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	1	64.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	2	66.0	Conventional Steam Coal	BIT	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	74.0	Other Natural Gas	NG	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	102.0	Other Natural Gas	NG	ST
2019	12	55951	Exelon Nuclear	IPP	Oyster Creek	NJ	2388	1	614.5	Nuclear	NUC	ST
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	1	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	2	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	3	36.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	4	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	MI	1756	1	0.5	Conventional Hydroelectric	WAT	HY
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	MI	1756	2	0.5	Conventional Hydroelectric	WAT	HY
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	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	4	15.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	5	18.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	6	23.0	Conventional Steam Coal	SUB	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	1	6.2	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	2	6.4	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	3	6.9	Conventional Hydroelectric	WAT	HY

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
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	4	0.4	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	1	9.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	2	8.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	3	61.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	4	61.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	1	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	2	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
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-August 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%

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-August 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%

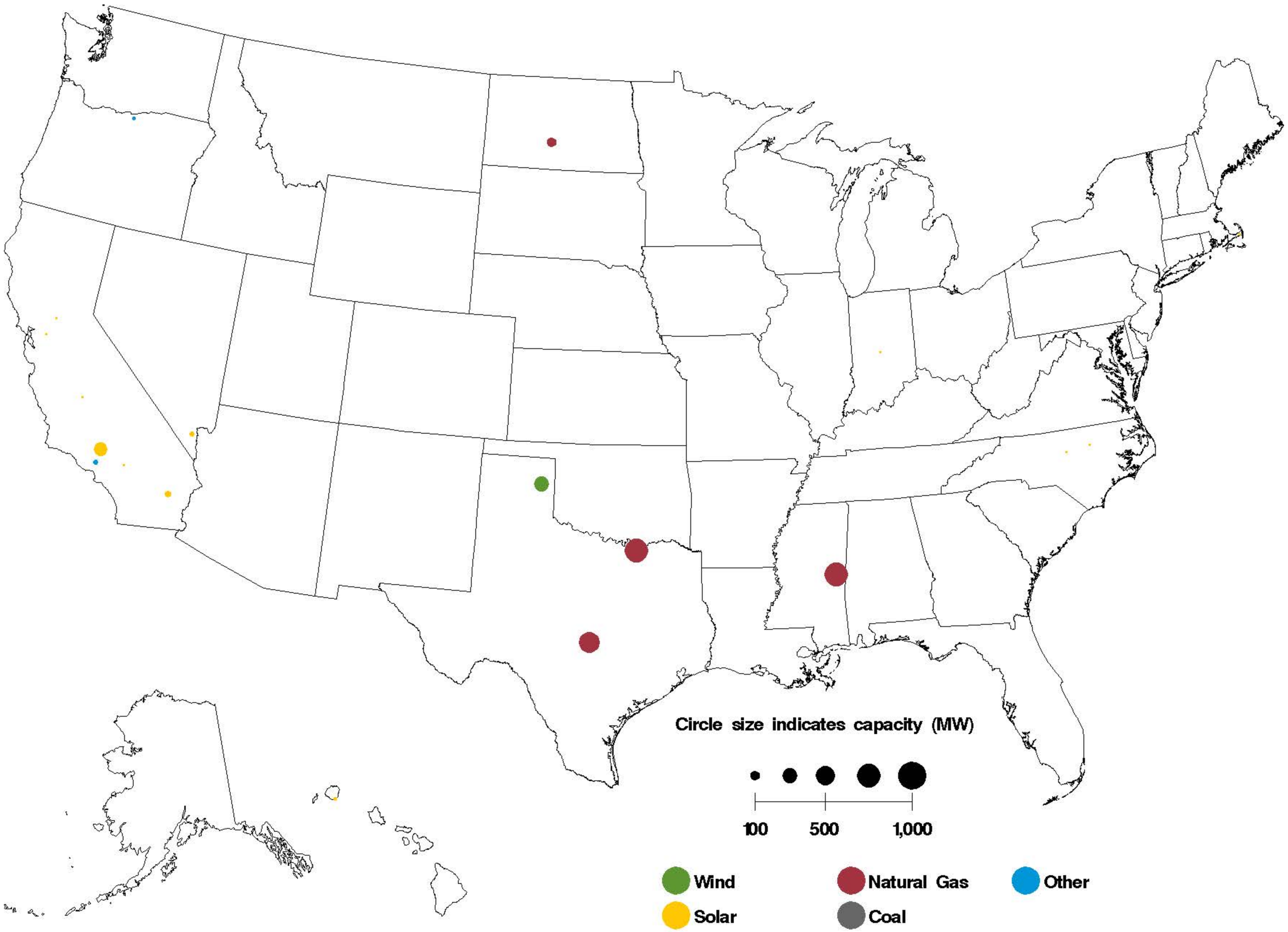
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. NA = Not Available

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

Solar capacity factors may have been slightly underestimated prior to August 2014, EIA is in the process of revising solar capacity factors prior to August 2014.

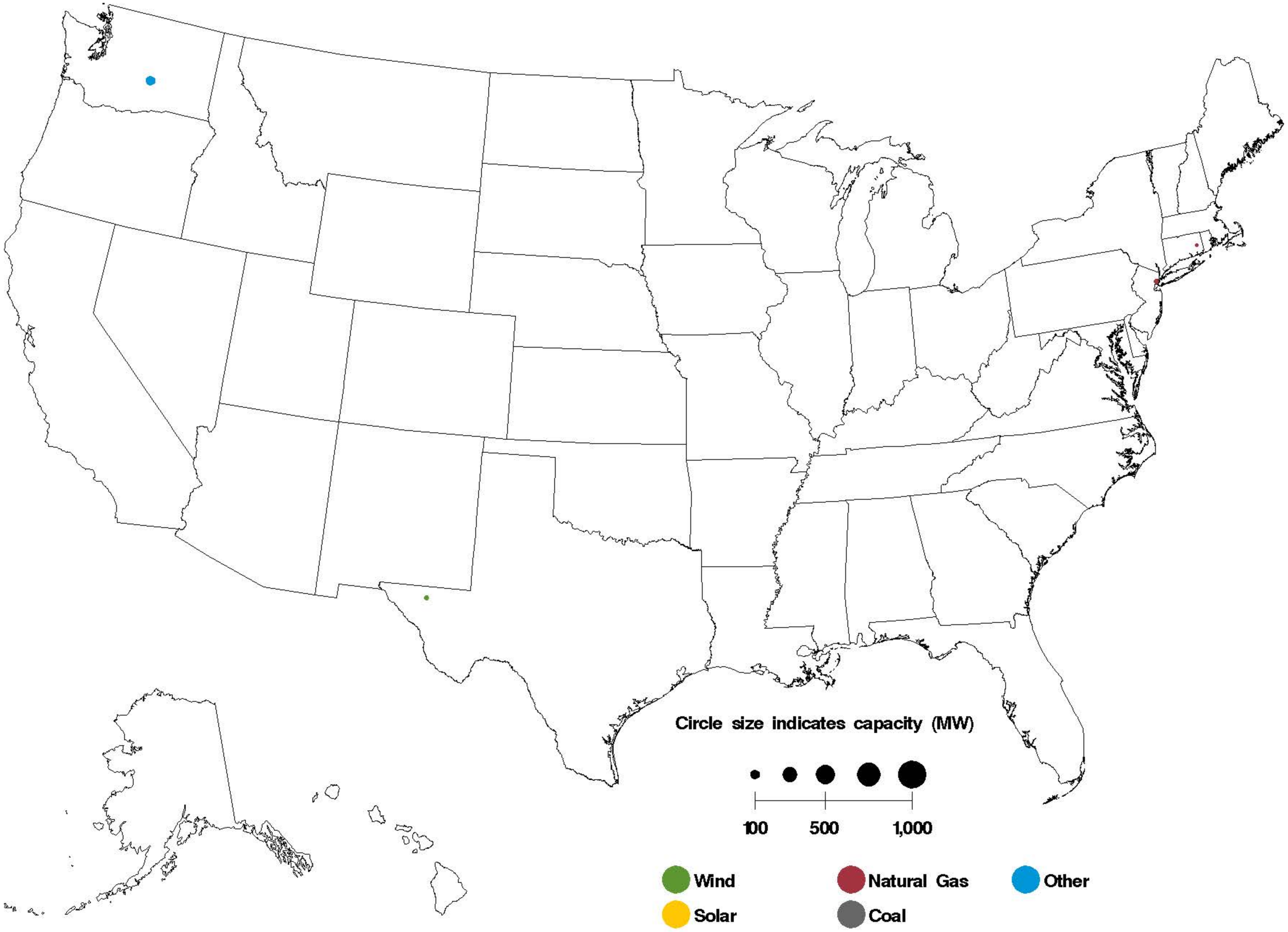
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



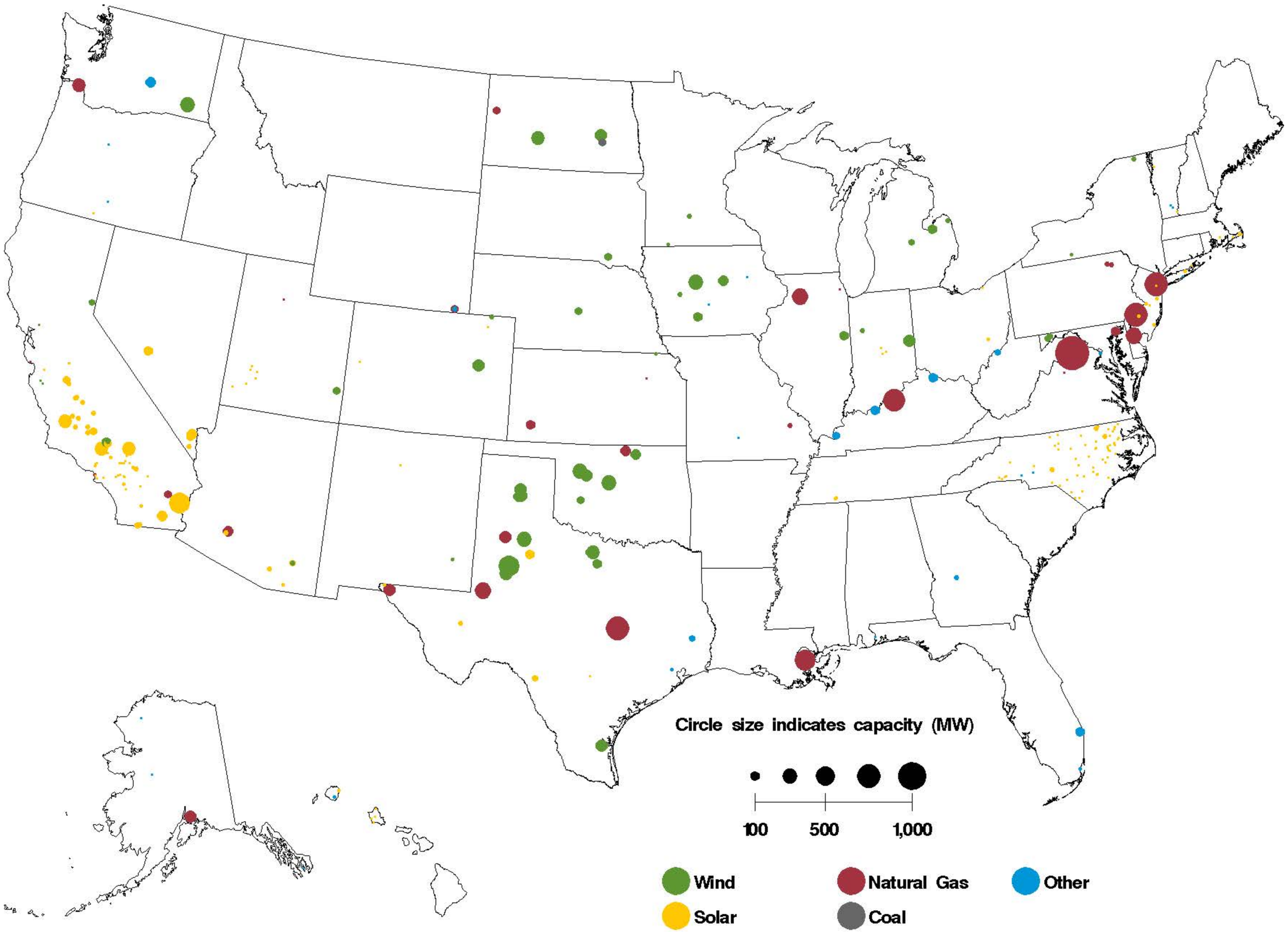
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

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



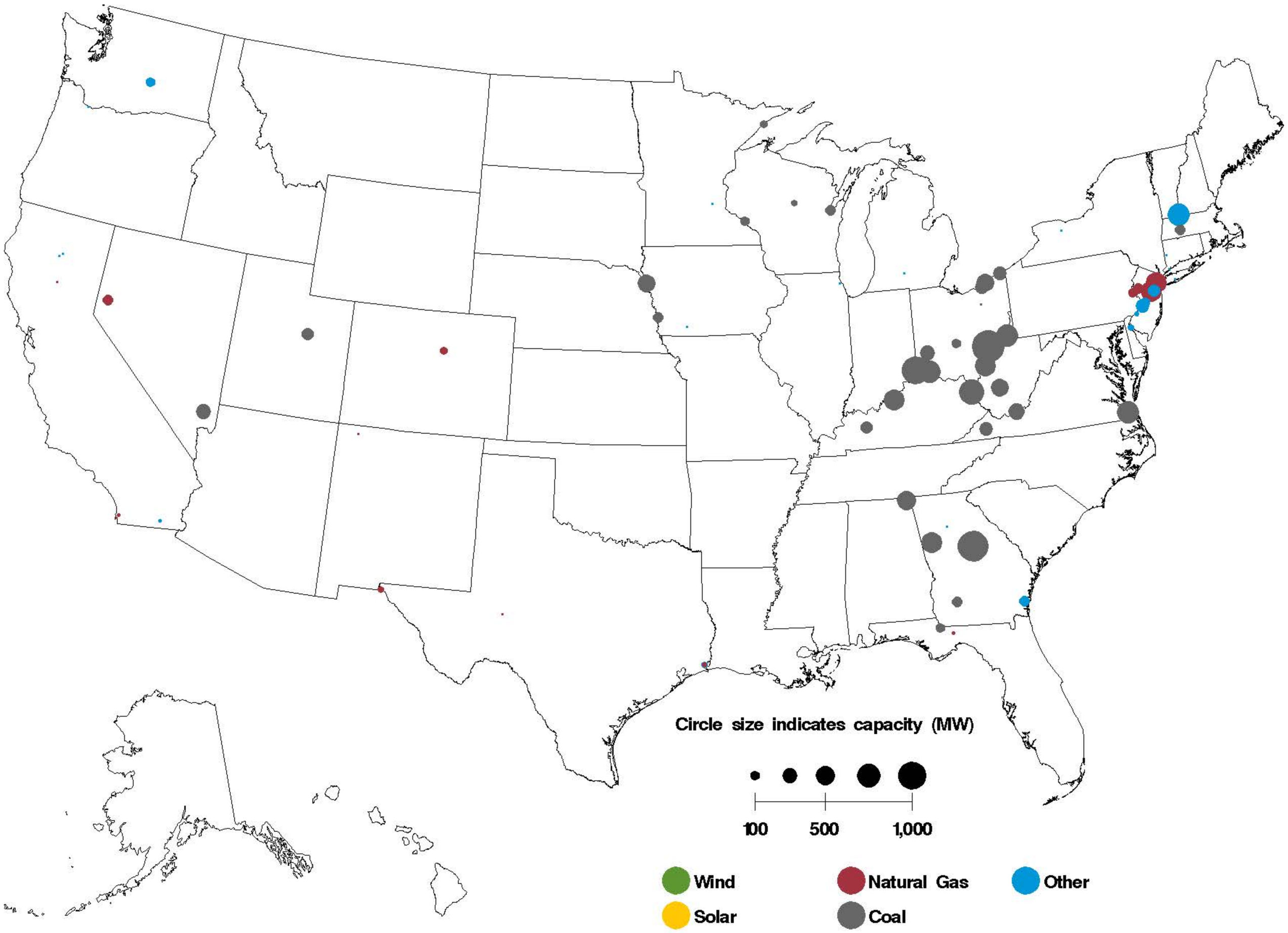
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**42**	**9**	**0**	**1**	**0**	**0**	**7**
Connecticut	0	14	0	2	0	0	38
Maine	0	7	0	6	0	0	9
Massachusetts	48	16	0	2	0	0	21
New Hampshire	0	79	0	1	0	0	16
Rhode Island	0	73	0	1	0	0	324
Vermont	0	278	0	0	0	0	21
Middle Atlantic	**2**	**9**	**102**	**1**	**8**	**0**	**2**
New Jersey	0	10	155	2	0	0	270
New York	9	14	0	2	0	0	2
Pennsylvania	2	13	121	1	8	0	11
East North Central	**0**	**2**	**5**	**2**	**4**	**0**	**21**
Illinois	0	7	0	4	22	0	45
Indiana	0	7	0	4	5	0	16
Michigan	1	4	17	6	0	0	44
Ohio	1	3	0	1	14	0	18
Wisconsin	1	12	0	5	0	0	39
West North Central	**1**	**7**	**0**	**5**	**62**	**0**	**5**
Iowa	2	11	0	17	0	0	55
Kansas	0	21	0	18	0	0	187
Minnesota	2	30	0	9	0	0	70
Missouri	1	9	0	5	0	0	8
Nebraska	2	11	0	29	0	0	43
North Dakota	3	24	0	302	62	0	0
South Dakota	0	35	0	31	0	0	1
South Atlantic	**0**	**8**	**0**	**0**	**0**	**0**	**4**
Delaware	80	16	0	2	0	0	0
District of Columbia	0	0	0	131	0	0	0
Florida	1	21	0	0	0	0	54
Georgia	0	26	0	1	0	0	6
Maryland	0	22	0	7	0	0	2
North Carolina	1	13	0	1	0	0	6
South Carolina	0	82	0	2	0	0	12
Virginia	2	5	0	1	0	0	17
West Virginia	0	0	0	0	0	0	15
East South Central	**0**	**10**	**0**	**1**	**13**	**0**	**3**
Alabama	0	34	0	1	13	0	5
Kentucky	1	5	0	15	0	0	4
Mississippi	0	75	0	1	0	0	0
Tennessee	0	13	0	2	0	0	4
West South Central	**0**	**4**	**6**	**0**	**2**	**0**	**5**
Arkansas	0	0	0	2	0	0	7
Louisiana	0	1	6	1	3	0	0
Oklahoma	1	12	0	1	0	0	10
Texas	0	10	43	0	3	0	25
Mountain	**1**	**4**	**0**	**1**	**6**	**0**	**4**
Arizona	0	4	0	0	0	0	3
Colorado	0	53	0	3	0	0	36
Idaho	58	764	0	5	0	0	9
Montana	5	15	0	85	0	0	7
Nevada	0	1	0	1	0	0	5
New Mexico	0	4	0	4	0	0	101
Utah	2	25	0	4	267	0	56
Wyoming	2	8	0	52	4	0	8
Pacific Contiguous	**1**	**14**	**188**	**1**	**5**	**0**	**2**
California	8	16	188	2	7	0	5
Oregon	0	0	0	1	0	0	4
Washington	0	34	0	3	0	0	2
Pacific Noncontiguous	**5**	**1**	**0**	**15**	**67**	**0**	**25**
Alaska	14	4	0	15	237	0	25
Hawaii	3	1	0	0	69	0	127
U.S. Total	**0**	**2**	**4**	**0**	**2**	**0**	**1**

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

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

Total (All Sectors) by Census Division and State, August 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**	**20**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	130	5	0	10	1
Maine	0	0	0	0	4	0	11	3
Massachusetts	0	0	0	21	7	0	9	2
New Hampshire	0	0	0	0	9	0	53	1
Rhode Island	0	0	0	111	10	0	0	1
Vermont	0	0	0	80	10	0	0	3
Middle Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**5**	**0**
New Jersey	0	0	0	14	7	0	10	1
New York	0	0	0	29	3	0	8	1
Pennsylvania	0	0	0	38	4	0	6	1
East North Central	**0**	**0**	**0**	**24**	**2**	**0**	**6**	**0**
Illinois	0	0	0	47	2	0	18	0
Indiana	0	0	0	35	5	0	2	0
Michigan	0	0	0	0	4	0	12	1
Ohio	0	0	0	42	8	0	0	1
Wisconsin	0	0	0	0	6	0	25	1
West North Central	**0**	**0**	**0**	**95**	**1**	**0**	**13**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	223	4	0	15	2
Missouri	0	0	0	105	5	0	0	1
Nebraska	0	0	0	0	2	0	0	2
North Dakota	0	0	0	0	1	0	57	2
South Dakota	0	0	0	0	1	0	0	3
South Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**3**	**0**
Delaware	0	0	0	48	30	0	0	2
District of Columbia	0	0	0	0	0	0	0	131
Florida	0	0	0	12	5	0	4	0
Georgia	0	0	0	29	6	0	4	0
Maryland	0	0	0	32	6	0	1	1
North Carolina	0	0	0	15	8	0	23	0
South Carolina	0	0	0	184	2	0	0	0
Virginia	0	0	0	0	3	0	4	1
West Virginia	0	0	0	0	1	0	0	0
East South Central	**0**	**0**	**0**	**72**	**6**	**0**	**0**	**0**
Alabama	0	0	0	0	9	0	0	1
Kentucky	0	0	0	0	9	0	0	1
Mississippi	0	0	0	0	7	0	0	0
Tennessee	0	0	0	72	18	0	0	0
West South Central	**0**	**0**	**0**	**16**	**1**	**0**	**7**	**0**
Arkansas	0	0	0	0	6	0	0	0
Louisiana	0	0	0	0	10	0	7	1
Oklahoma	0	0	0	0	1	0	60	0
Texas	0	0	0	16	1	0	10	0
Mountain	**0**	**4**	**0**	**3**	**1**	**0**	**6**	**1**
Arizona	0	0	0	4	4	0	0	0
Colorado	0	0	0	14	1	0	45	1
Idaho	0	32	0	0	6	0	0	5
Montana	0	0	0	0	4	0	0	4
Nevada	0	5	0	6	4	0	167	1
New Mexico	0	144	0	13	5	0	0	1
Utah	0	5	0	255	4	0	4	2
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	**0**	**2**	**0**	**3**	**1**	**0**	**9**	**1**
California	0	2	0	3	1	0	8	1
Oregon	0	0	0	79	2	0	66	2
Washington	0	0	0	0	2	0	30	1
Pacific Noncontiguous	**0**	**0**	**0**	**50**	**7**	**0**	**0**	**4**
Alaska	0	0	0	0	52	0	0	10
Hawaii	0	0	0	50	6	0	0	2
U.S. Total	**0**	**2**	**0**	**2**	**1**	**0**	**3**	**0**

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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 August 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**42**	**9**	**0**	**1**	**0**	**0**	**7**
Connecticut	0	14	0	2	0	0	38
Maine	0	7	0	6	0	0	9
Massachusetts	48	16	0	2	0	0	21
New Hampshire	0	79	0	1	0	0	16
Rhode Island	0	73	0	1	0	0	324
Vermont	0	278	0	0	0	0	21
Middle Atlantic	**2**	**9**	**102**	**1**	**8**	**0**	**2**
New Jersey	0	10	155	2	0	0	270
New York	9	14	0	2	0	0	2
Pennsylvania	2	13	121	1	8	0	11
East North Central	**0**	**2**	**5**	**2**	**4**	**0**	**21**
Illinois	0	7	0	4	22	0	45
Indiana	0	7	0	4	5	0	16
Michigan	1	4	17	6	0	0	44
Ohio	1	3	0	1	14	0	18
Wisconsin	1	12	0	5	0	0	39
West North Central	**1**	**7**	**0**	**5**	**62**	**0**	**5**
Iowa	2	11	0	17	0	0	55
Kansas	0	21	0	18	0	0	187
Minnesota	2	30	0	9	0	0	70
Missouri	1	9	0	5	0	0	8
Nebraska	2	11	0	29	0	0	43
North Dakota	3	24	0	302	62	0	0
South Dakota	0	35	0	31	0	0	1
South Atlantic	**0**	**8**	**0**	**0**	**0**	**0**	**4**
Delaware	80	16	0	2	0	0	0
District of Columbia	0	0	0	131	0	0	0
Florida	1	21	0	0	0	0	54
Georgia	0	26	0	1	0	0	6
Maryland	0	22	0	7	0	0	2
North Carolina	1	13	0	1	0	0	6
South Carolina	0	82	0	2	0	0	12
Virginia	2	5	0	1	0	0	17
West Virginia	0	0	0	0	0	0	15
East South Central	**0**	**10**	**0**	**1**	**13**	**0**	**3**
Alabama	0	34	0	1	13	0	5
Kentucky	1	5	0	15	0	0	4
Mississippi	0	75	0	1	0	0	0
Tennessee	0	13	0	2	0	0	4
West South Central	**0**	**4**	**6**	**0**	**2**	**0**	**5**
Arkansas	0	0	0	2	0	0	7
Louisiana	0	1	6	1	3	0	0
Oklahoma	1	12	0	1	0	0	10
Texas	0	10	43	0	3	0	25
Mountain	**1**	**4**	**0**	**1**	**6**	**0**	**4**
Arizona	0	4	0	0	0	0	3
Colorado	0	53	0	3	0	0	36
Idaho	58	764	0	5	0	0	9
Montana	5	15	0	85	0	0	7
Nevada	0	1	0	1	0	0	5
New Mexico	0	4	0	4	0	0	101
Utah	2	25	0	4	267	0	56
Wyoming	2	8	0	52	4	0	8
Pacific Contiguous	**1**	**14**	**188**	**1**	**5**	**0**	**2**
California	8	16	188	2	7	0	5
Oregon	0	0	0	1	0	0	4
Washington	0	34	0	3	0	0	2
Pacific Noncontiguous	**5**	**1**	**0**	**15**	**67**	**0**	**25**
Alaska	14	4	0	15	237	0	25
Hawaii	3	1	0	0	69	0	127
U.S. Total	**0**	**2**	**4**	**0**	**2**	**0**	**1**

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

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

Total (All Sectors) by Census Division and State, Year-to-Date through August 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**	**20**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	130	5	0	10	1
Maine	0	0	0	0	4	0	11	3
Massachusetts	0	0	0	21	7	0	9	2
New Hampshire	0	0	0	0	9	0	53	1
Rhode Island	0	0	0	111	10	0	0	1
Vermont	0	0	0	80	10	0	0	3
Middle Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**5**	**0**
New Jersey	0	0	0	14	7	0	10	1
New York	0	0	0	29	3	0	8	1
Pennsylvania	0	0	0	38	4	0	6	1
East North Central	**0**	**0**	**0**	**24**	**2**	**0**	**6**	**0**
Illinois	0	0	0	47	2	0	18	0
Indiana	0	0	0	35	5	0	2	0
Michigan	0	0	0	0	4	0	12	1
Ohio	0	0	0	42	8	0	0	1
Wisconsin	0	0	0	0	6	0	25	1
West North Central	**0**	**0**	**0**	**95**	**1**	**0**	**13**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	223	4	0	15	2
Missouri	0	0	0	105	5	0	0	1
Nebraska	0	0	0	0	2	0	0	2
North Dakota	0	0	0	0	1	0	57	2
South Dakota	0	0	0	0	1	0	0	3
South Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**3**	**0**
Delaware	0	0	0	48	30	0	0	2
District of Columbia	0	0	0	0	0	0	0	131
Florida	0	0	0	12	5	0	4	0
Georgia	0	0	0	29	6	0	4	0
Maryland	0	0	0	32	6	0	1	1
North Carolina	0	0	0	15	8	0	23	0
South Carolina	0	0	0	184	2	0	0	0
Virginia	0	0	0	0	3	0	4	1
West Virginia	0	0	0	0	1	0	0	0
East South Central	**0**	**0**	**0**	**72**	**6**	**0**	**0**	**0**
Alabama	0	0	0	0	9	0	0	1
Kentucky	0	0	0	0	9	0	0	1
Mississippi	0	0	0	0	7	0	0	0
Tennessee	0	0	0	72	18	0	0	0
West South Central	**0**	**0**	**0**	**16**	**1**	**0**	**7**	**0**
Arkansas	0	0	0	0	6	0	0	0
Louisiana	0	0	0	0	10	0	7	1
Oklahoma	0	0	0	0	1	0	60	0
Texas	0	0	0	16	1	0	10	0
Mountain	**0**	**4**	**0**	**3**	**1**	**0**	**6**	**1**
Arizona	0	0	0	4	4	0	0	0
Colorado	0	0	0	14	1	0	45	1
Idaho	0	32	0	0	6	0	0	5
Montana	0	0	0	0	4	0	0	4
Nevada	0	5	0	6	4	0	167	1
New Mexico	0	144	0	13	5	0	0	1
Utah	0	5	0	255	4	0	4	2
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	**0**	**2**	**0**	**3**	**1**	**0**	**9**	**1**
California	0	2	0	3	1	0	8	1
Oregon	0	0	0	79	2	0	66	2
Washington	0	0	0	0	2	0	30	1
Pacific Noncontiguous	**0**	**0**	**0**	**50**	**7**	**0**	**0**	**4**
Alaska	0	0	0	0	52	0	0	10
Hawaii	0	0	0	50	6	0	0	2
U.S. Total	**0**	**2**	**0**	**2**	**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, August 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**28**	**0**	**5**	**0**	**0**	**22**
Connecticut	0	61	0	0	0	0	131
Maine	0	231	0	0	0	0	0
Massachusetts	0	60	0	5	0	0	43
New Hampshire	0	31	0	0	0	0	24
Rhode Island	0	27	0	0	0	0	0
Vermont	0	333	0	0	0	0	37
Middle Atlantic	**339**	**27**	**0**	**5**	**0**	**0**	**1**
New Jersey	0	488	0	0	0	0	0
New York	339	27	0	5	0	0	1
Pennsylvania	0	209	0	1,089	0	0	10
East North Central	**0**	**2**	**0**	**3**	**0**	**0**	**22**
Illinois	0	25	0	17	0	0	98
Indiana	0	5	0	4	0	0	16
Michigan	1	4	0	13	0	0	46
Ohio	1	3	0	1	0	0	18
Wisconsin	1	11	0	11	0	0	42
West North Central	**1**	**7**	**0**	**6**	**0**	**0**	**5**
Iowa	2	11	0	17	0	0	55
Kansas	0	21	0	19	0	0	0
Minnesota	2	28	0	10	0	0	101
Missouri	1	9	0	7	0	0	8
Nebraska	2	11	0	29	0	0	43
North Dakota	3	20	0	10,696	0	0	0
South Dakota	0	36	0	31	0	0	1
South Atlantic	**0**	**10**	**0**	**0**	**0**	**0**	**5**
Delaware	0	572	0	568	0	0	0
Florida	1	22	0	0	0	0	54
Georgia	0	26	0	0	0	0	6
Maryland	0	60	0	0	0	0	0
North Carolina	0	11	0	1	0	0	6
South Carolina	0	103	0	2	0	0	12
Virginia	0	5	0	0	0	0	18
West Virginia	0	0	0	0	0	0	32
East South Central	**0**	**4**	**0**	**1**	**0**	**0**	**3**
Alabama	0	0	0	6	0	0	5
Kentucky	1	5	0	10	0	0	4
Mississippi	0	75	0	1	0	0	0
Tennessee	0	1	0	0	0	0	5
West South Central	**0**	**2**	**0**	**1**	**0**	**0**	**6**
Arkansas	0	0	0	11	0	0	7
Louisiana	0	2	0	1	0	0	0
Oklahoma	0	10	0	1	0	0	10
Texas	0	1	0	1	0	0	25
Mountain	**0**	**3**	**0**	**1**	**0**	**0**	**4**
Arizona	0	3	0	1	0	0	3
Colorado	0	53	0	3	0	0	36
Idaho	0	764	0	7	0	0	9
Montana	108	1,580	0	88	0	0	7
Nevada	0	1	0	0	0	0	1
New Mexico	0	4	0	5	0	0	101
Utah	1	22	0	2	0	0	56
Wyoming	2	3	0	274	0	0	8
Pacific Contiguous	**0**	**5**	**0**	**2**	**0**	**0**	**2**
California	0	3	0	3	0	0	4
Oregon	0	0	0	1	0	0	4
Washington	0	166	0	3	0	0	2
Pacific Noncontiguous	**0**	**1**	**0**	**15**	**0**	**0**	**25**
Alaska	0	4	0	15	0	0	25
Hawaii	0	1	0	0	0	0	285
U.S. Total	**0**	**2**	**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.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Electric Utilities by Census Division and State, August 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**	**80**	**5**	**0**	**0**	**8**
Connecticut	0	0	0	0	0	0	0	98
Maine	0	0	0	0	0	0	0	231
Massachusetts	0	0	0	80	61	0	0	14
New Hampshire	0	0	0	0	0	0	0	9
Rhode Island	0	0	0	0	0	0	0	27
Vermont	0	0	0	0	0	0	0	17
Middle Atlantic	**0**	**0**	**0**	**40**	**40**	**0**	**0**	**2**
New Jersey	0	0	0	40	40	0	0	4
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	12
East North Central	**0**	**0**	**0**	**109**	**4**	**0**	**0**	**0**
Illinois	0	0	0	0	173	0	0	1
Indiana	0	0	0	0	14	0	0	0
Michigan	0	0	0	0	5	0	0	1
Ohio	0	0	0	109	80	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**10**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	5	0	0	2
Missouri	0	0	0	0	40	0	0	1
Nebraska	0	0	0	0	15	0	0	2
North Dakota	0	0	0	0	3	0	57	3
South Dakota	0	0	0	0	3	0	0	3
South Atlantic	**0**	**0**	**0**	**11**	**2**	**0**	**0**	**0**
Delaware	0	0	0	145	145	0	0	300
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	124	124	0	0	81
North Carolina	0	0	0	112	112	0	0	0
South Carolina	0	0	0	0	6	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**24**	**0**	**0**	**0**
Alabama	0	0	0	0	224	0	0	1
Kentucky	0	0	0	0	24	0	0	1
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	0	2	0	0	1
Mountain	**0**	**0**	**0**	**19**	**5**	**0**	**167**	**0**
Arizona	0	0	0	22	21	0	0	0
Colorado	0	0	0	0	16	0	0	1
Idaho	0	0	0	0	0	0	0	7
Montana	0	0	0	0	0	0	0	11
Nevada	0	0	0	0	0	0	167	0
New Mexico	0	0	0	36	36	0	0	1
Utah	0	0	0	0	0	0	0	1
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**19**	**2**	**0**	**0**	**1**
California	0	0	0	19	5	0	0	2
Oregon	0	0	0	151	2	0	0	3
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**84**	**52**	**0**	**0**	**5**
Alaska	0	0	0	0	65	0	0	11
Hawaii	0	0	0	84	85	0	0	2
U.S. Total	**0**	**0**	**0**	**11**	**1**	**0**	**8**	**0**

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**28**	**0**	**5**	**0**	**0**	**22**
Connecticut	0	61	0	0	0	0	131
Maine	0	231	0	0	0	0	0
Massachusetts	0	60	0	5	0	0	43
New Hampshire	0	31	0	0	0	0	24
Rhode Island	0	27	0	0	0	0	0
Vermont	0	333	0	0	0	0	37
Middle Atlantic	**339**	**27**	**0**	**5**	**0**	**0**	**1**
New Jersey	0	488	0	0	0	0	0
New York	339	27	0	5	0	0	1
Pennsylvania	0	209	0	1,089	0	0	10
East North Central	**0**	**2**	**0**	**3**	**0**	**0**	**22**
Illinois	0	25	0	17	0	0	98
Indiana	0	5	0	4	0	0	16
Michigan	1	4	0	13	0	0	46
Ohio	1	3	0	1	0	0	18
Wisconsin	1	11	0	11	0	0	42
West North Central	**1**	**7**	**0**	**6**	**0**	**0**	**5**
Iowa	2	11	0	17	0	0	55
Kansas	0	21	0	19	0	0	0
Minnesota	2	28	0	10	0	0	101
Missouri	1	9	0	7	0	0	8
Nebraska	2	11	0	29	0	0	43
North Dakota	3	20	0	10,696	0	0	0
South Dakota	0	36	0	31	0	0	1
South Atlantic	**0**	**10**	**0**	**0**	**0**	**0**	**5**
Delaware	0	572	0	568	0	0	0
Florida	1	22	0	0	0	0	54
Georgia	0	26	0	0	0	0	6
Maryland	0	60	0	0	0	0	0
North Carolina	0	11	0	1	0	0	6
South Carolina	0	103	0	2	0	0	12
Virginia	0	5	0	0	0	0	18
West Virginia	0	0	0	0	0	0	32
East South Central	**0**	**4**	**0**	**1**	**0**	**0**	**3**
Alabama	0	0	0	6	0	0	5
Kentucky	1	5	0	10	0	0	4
Mississippi	0	75	0	1	0	0	0
Tennessee	0	1	0	0	0	0	5
West South Central	**0**	**2**	**0**	**1**	**0**	**0**	**6**
Arkansas	0	0	0	11	0	0	7
Louisiana	0	2	0	1	0	0	0
Oklahoma	0	10	0	1	0	0	10
Texas	0	1	0	1	0	0	25
Mountain	**0**	**3**	**0**	**1**	**0**	**0**	**4**
Arizona	0	3	0	1	0	0	3
Colorado	0	53	0	3	0	0	36
Idaho	0	764	0	7	0	0	9
Montana	108	1,580	0	88	0	0	7
Nevada	0	1	0	0	0	0	1
New Mexico	0	4	0	5	0	0	101
Utah	1	22	0	2	0	0	56
Wyoming	2	3	0	274	0	0	8
Pacific Contiguous	**0**	**5**	**0**	**2**	**0**	**0**	**2**
California	0	3	0	3	0	0	4
Oregon	0	0	0	1	0	0	4
Washington	0	166	0	3	0	0	2
Pacific Noncontiguous	**0**	**1**	**0**	**15**	**0**	**0**	**25**
Alaska	0	4	0	15	0	0	25
Hawaii	0	1	0	0	0	0	285
U.S. Total	**0**	**2**	**0**	**0**	**0**	**0**	**1**

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

Electric Utilities by Census Division and State, Year-to-Date through August 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**	**80**	**5**	**0**	**0**	**8**
Connecticut	0	0	0	0	0	0	0	98
Maine	0	0	0	0	0	0	0	231
Massachusetts	0	0	0	80	61	0	0	14
New Hampshire	0	0	0	0	0	0	0	9
Rhode Island	0	0	0	0	0	0	0	27
Vermont	0	0	0	0	0	0	0	17
Middle Atlantic	**0**	**0**	**0**	**40**	**40**	**0**	**0**	**2**
New Jersey	0	0	0	40	40	0	0	4
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	12
East North Central	**0**	**0**	**0**	**109**	**4**	**0**	**0**	**0**
Illinois	0	0	0	0	173	0	0	1
Indiana	0	0	0	0	14	0	0	0
Michigan	0	0	0	0	5	0	0	1
Ohio	0	0	0	109	80	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**10**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	5	0	0	2
Missouri	0	0	0	0	40	0	0	1
Nebraska	0	0	0	0	15	0	0	2
North Dakota	0	0	0	0	3	0	57	3
South Dakota	0	0	0	0	3	0	0	3
South Atlantic	**0**	**0**	**0**	**11**	**2**	**0**	**0**	**0**
Delaware	0	0	0	145	145	0	0	300
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	124	124	0	0	81
North Carolina	0	0	0	112	112	0	0	0
South Carolina	0	0	0	0	6	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**24**	**0**	**0**	**0**
Alabama	0	0	0	0	224	0	0	1
Kentucky	0	0	0	0	24	0	0	1
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	0	2	0	0	1
Mountain	**0**	**0**	**0**	**19**	**5**	**0**	**167**	**0**
Arizona	0	0	0	22	21	0	0	0
Colorado	0	0	0	0	16	0	0	1
Idaho	0	0	0	0	0	0	0	7
Montana	0	0	0	0	0	0	0	11
Nevada	0	0	0	0	0	0	167	0
New Mexico	0	0	0	36	36	0	0	1
Utah	0	0	0	0	0	0	0	1
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**19**	**2**	**0**	**0**	**1**
California	0	0	0	19	5	0	0	2
Oregon	0	0	0	151	2	0	0	3
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**84**	**52**	**0**	**0**	**5**
Alaska	0	0	0	0	65	0	0	11
Hawaii	0	0	0	84	85	0	0	2
U.S. Total	**0**	**0**	**0**	**11**	**1**	**0**	**8**	**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, August 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**49**	**5**	**0**	**1**	**0**	**0**	**8**
Connecticut	0	12	0	1	0	0	40
Maine	0	2	0	0	0	0	10
Massachusetts	51	10	0	2	0	0	24
New Hampshire	0	1,332	0	0	0	0	18
Rhode Island	0	0	0	1	0	0	324
Vermont	0	0	0	0	0	0	25
Middle Atlantic	**2**	**10**	**0**	**1**	**0**	**0**	**10**
New Jersey	0	8	0	2	0	0	270
New York	3	22	0	2	0	0	11
Pennsylvania	2	13	0	1	0	0	16
East North Central	**0**	**3**	**0**	**1**	**6**	**0**	**75**
Illinois	0	0	0	3	0	0	42
Indiana	0	224,619	0	6	0	0	0
Michigan	46	0	0	5	0	0	163
Ohio	0	2	0	1	15	0	0
Wisconsin	0	21	0	0	0	0	178
West North Central	**0**	**59**	**0**	**5**	**0**	**0**	**106**
Iowa	0	78	0	3,349	0	0	640
Kansas	0	0	0	0	0	0	187
Minnesota	0	129	0	17	0	0	116
Missouri	0	0	0	5	0	0	0
South Dakota	0	127	0	0	0	0	0
South Atlantic	**1**	**12**	**0**	**1**	**0**	**0**	**9**
Delaware	80	11	0	2	0	0	0
Florida	0	358	0	4	0	0	0
Georgia	0	6,520	0	1	0	0	220
Maryland	0	14	0	6	0	0	2
North Carolina	22	178	0	0	0	0	199
South Carolina	0	0	0	16	0	0	91
Virginia	34	32	0	1	0	0	86
West Virginia	0	0	0	0	0	0	19
East South Central	**0**	**107**	**0**	**0**	**0**	**0**	**240**
Alabama	0	107	0	0	0	0	0
Kentucky	0	0	0	0	0	0	240
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	173
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	0	0	0	0	0	0	115
Mountain	**5**	**19**	**0**	**1**	**0**	**0**	**13**
Arizona	0	0	0	0	0	0	0
Colorado	73	0	0	4	0	0	113
Idaho	0	0	0	3	0	0	28
Montana	4	14	0	326	0	0	14
Nevada	0	0	0	5	0	0	197
New Mexico	0	357	0	4	0	0	0
Utah	68	302	0	40	0	0	532
Wyoming	67	0	0	392	0	0	477
Pacific Contiguous	**1**	**37**	**188**	**1**	**0**	**0**	**26**
California	10	304	188	1	0	0	28
Oregon	0	0	0	2	0	0	72
Washington	0	7	0	0	0	0	91
Pacific Noncontiguous	**4**	**2**	**0**	**0**	**0**	**0**	**0**
Alaska	36	0	0	0	0	0	0
Hawaii	0	2	0	0	0	0	0
U.S. Total	**1**	**2**	**8**	**0**	**3**	**0**	**5**

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

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

Independent Power Producers by Census Division and State, August 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**	**20**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	130	5	0	10	1
Maine	0	0	0	0	2	0	13	3
Massachusetts	0	0	0	22	7	0	9	1
New Hampshire	0	0	0	0	10	0	53	1
Rhode Island	0	0	0	111	10	0	0	1
Vermont	0	0	0	80	26	0	0	3
Middle Atlantic	**0**	**0**	**0**	**14**	**2**	**0**	**5**	**0**
New Jersey	0	0	0	17	8	0	13	1
New York	0	0	0	29	3	0	8	1
Pennsylvania	0	0	0	42	3	0	7	1
East North Central	**0**	**0**	**0**	**24**	**2**	**0**	**27**	**0**
Illinois	0	0	0	47	2	0	0	0
Indiana	0	0	0	35	5	0	0	2
Michigan	0	0	0	0	4	0	27	2
Ohio	0	0	0	46	8	0	0	0
Wisconsin	0	0	0	0	9	0	0	1
West North Central	**0**	**0**	**0**	**95**	**1**	**0**	**37**	**1**
Iowa	0	0	0	0	2	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	223	5	0	37	6
Missouri	0	0	0	105	5	0	0	4
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**12**	**3**	**0**	**5**	**1**
Delaware	0	0	0	51	30	0	0	2
Florida	0	0	0	43	3	0	7	3
Georgia	0	0	0	29	8	0	0	1
Maryland	0	0	0	33	6	0	0	1
North Carolina	0	0	0	15	10	0	23	3
South Carolina	0	0	0	184	61	0	0	15
Virginia	0	0	0	0	6	0	0	5
West Virginia	0	0	0	0	1	0	0	0
East South Central	**0**	**0**	**0**	**78**	**10**	**0**	**0**	**0**
Alabama	0	0	0	0	3	0	0	0
Kentucky	0	0	0	0	0	0	0	28
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	78	40	0	0	40
West South Central	**0**	**0**	**0**	**16**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	32	0	0	0
Louisiana	0	0	0	0	30	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	16	0	0	0	0
Mountain	**0**	**5**	**0**	**3**	**1**	**0**	**6**	**2**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	13	1	0	145	3
Idaho	0	32	0	0	8	0	0	7
Montana	0	0	0	0	4	0	0	4
Nevada	0	5	0	6	4	0	0	3
New Mexico	0	144	0	13	5	0	0	3
Utah	0	12	0	255	5	0	132	21
Wyoming	0	0	0	0	4	0	0	27
Pacific Contiguous	**0**	**2**	**0**	**2**	**1**	**0**	**22**	**1**
California	0	3	0	2	1	0	22	1
Oregon	0	0	0	92	1	0	66	2
Washington	0	0	0	0	1	0	52	1
Pacific Noncontiguous	**0**	**0**	**0**	**63**	**7**	**0**	**0**	**2**
Alaska	0	0	0	0	88	0	0	33
Hawaii	0	0	0	63	7	0	0	2
U.S. Total	**0**	**3**	**0**	**2**	**1**	**0**	**4**	**0**

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**49**	**5**	**0**	**1**	**0**	**0**	**8**
Connecticut	0	12	0	1	0	0	40
Maine	0	2	0	0	0	0	10
Massachusetts	51	10	0	2	0	0	24
New Hampshire	0	1,332	0	0	0	0	18
Rhode Island	0	0	0	1	0	0	324
Vermont	0	0	0	0	0	0	25
Middle Atlantic	**2**	**10**	**0**	**1**	**0**	**0**	**10**
New Jersey	0	8	0	2	0	0	270
New York	3	22	0	2	0	0	11
Pennsylvania	2	13	0	1	0	0	16
East North Central	**0**	**3**	**0**	**1**	**6**	**0**	**75**
Illinois	0	0	0	3	0	0	42
Indiana	0	224,619	0	6	0	0	0
Michigan	46	0	0	5	0	0	163
Ohio	0	2	0	1	15	0	0
Wisconsin	0	21	0	0	0	0	178
West North Central	**0**	**59**	**0**	**5**	**0**	**0**	**106**
Iowa	0	78	0	3,349	0	0	640
Kansas	0	0	0	0	0	0	187
Minnesota	0	129	0	17	0	0	116
Missouri	0	0	0	5	0	0	0
South Dakota	0	127	0	0	0	0	0
South Atlantic	**1**	**12**	**0**	**1**	**0**	**0**	**9**
Delaware	80	11	0	2	0	0	0
Florida	0	358	0	4	0	0	0
Georgia	0	6,520	0	1	0	0	220
Maryland	0	14	0	6	0	0	2
North Carolina	22	178	0	0	0	0	199
South Carolina	0	0	0	16	0	0	91
Virginia	34	32	0	1	0	0	86
West Virginia	0	0	0	0	0	0	19
East South Central	**0**	**107**	**0**	**0**	**0**	**0**	**240**
Alabama	0	107	0	0	0	0	0
Kentucky	0	0	0	0	0	0	240
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	173
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	0	0	0	0	0	0	115
Mountain	**5**	**19**	**0**	**1**	**0**	**0**	**13**
Arizona	0	0	0	0	0	0	0
Colorado	73	0	0	4	0	0	113
Idaho	0	0	0	3	0	0	28
Montana	4	14	0	326	0	0	14
Nevada	0	0	0	5	0	0	197
New Mexico	0	357	0	4	0	0	0
Utah	68	302	0	40	0	0	532
Wyoming	67	0	0	392	0	0	477
Pacific Contiguous	**1**	**37**	**188**	**1**	**0**	**0**	**26**
California	10	304	188	1	0	0	28
Oregon	0	0	0	2	0	0	72
Washington	0	7	0	0	0	0	91
Pacific Noncontiguous	**4**	**2**	**0**	**0**	**0**	**0**	**0**
Alaska	36	0	0	0	0	0	0
Hawaii	0	2	0	0	0	0	0
U.S. Total	**1**	**2**	**8**	**0**	**3**	**0**	**5**

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

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

Independent Power Producers by Census Division and State, Year-to-Date through August 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**	**20**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	130	5	0	10	1
Maine	0	0	0	0	2	0	13	3
Massachusetts	0	0	0	22	7	0	9	1
New Hampshire	0	0	0	0	10	0	53	1
Rhode Island	0	0	0	111	10	0	0	1
Vermont	0	0	0	80	26	0	0	3
Middle Atlantic	**0**	**0**	**0**	**14**	**2**	**0**	**5**	**0**
New Jersey	0	0	0	17	8	0	13	1
New York	0	0	0	29	3	0	8	1
Pennsylvania	0	0	0	42	3	0	7	1
East North Central	**0**	**0**	**0**	**24**	**2**	**0**	**27**	**0**
Illinois	0	0	0	47	2	0	0	0
Indiana	0	0	0	35	5	0	0	2
Michigan	0	0	0	0	4	0	27	2
Ohio	0	0	0	46	8	0	0	0
Wisconsin	0	0	0	0	9	0	0	1
West North Central	**0**	**0**	**0**	**95**	**1**	**0**	**37**	**1**
Iowa	0	0	0	0	2	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	223	5	0	37	6
Missouri	0	0	0	105	5	0	0	4
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**12**	**3**	**0**	**5**	**1**
Delaware	0	0	0	51	30	0	0	2
Florida	0	0	0	43	3	0	7	3
Georgia	0	0	0	29	8	0	0	1
Maryland	0	0	0	33	6	0	0	1
North Carolina	0	0	0	15	10	0	23	3
South Carolina	0	0	0	184	61	0	0	15
Virginia	0	0	0	0	6	0	0	5
West Virginia	0	0	0	0	1	0	0	0
East South Central	**0**	**0**	**0**	**78**	**10**	**0**	**0**	**0**
Alabama	0	0	0	0	3	0	0	0
Kentucky	0	0	0	0	0	0	0	28
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	78	40	0	0	40
West South Central	**0**	**0**	**0**	**16**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	32	0	0	0
Louisiana	0	0	0	0	30	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	16	0	0	0	0
Mountain	**0**	**5**	**0**	**3**	**1**	**0**	**6**	**2**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	13	1	0	145	3
Idaho	0	32	0	0	8	0	0	7
Montana	0	0	0	0	4	0	0	4
Nevada	0	5	0	6	4	0	0	3
New Mexico	0	144	0	13	5	0	0	3
Utah	0	12	0	255	5	0	132	21
Wyoming	0	0	0	0	4	0	0	27
Pacific Contiguous	**0**	**2**	**0**	**2**	**1**	**0**	**22**	**1**
California	0	3	0	2	1	0	22	1
Oregon	0	0	0	92	1	0	66	2
Washington	0	0	0	0	1	0	52	1
Pacific Noncontiguous	**0**	**0**	**0**	**63**	**7**	**0**	**0**	**2**
Alaska	0	0	0	0	88	0	0	33
Hawaii	0	0	0	63	7	0	0	2
U.S. Total	**0**	**3**	**0**	**2**	**1**	**0**	**4**	**0**

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**61**	**0**	**29**	**0**	**0**	**288**
Connecticut	0	747	0	53	0	0	0
Maine	0	334	0	201	0	0	0
Massachusetts	0	73	0	27	0	0	288
New Hampshire	0	134	0	241	0	0	0
Rhode Island	0	207	0	143	0	0	0
Vermont	0	502	0	0	0	0	0
Middle Atlantic	**144**	**120**	**0**	**30**	**0**	**0**	**331**
New Jersey	0	297	0	74	0	0	0
New York	0	204	0	31	0	0	331
Pennsylvania	144	143	0	92	0	0	0
East North Central	**13**	**116**	**0**	**21**	**0**	**0**	**446**
Illinois	126	89	0	24	0	0	446
Indiana	13	1,438	0	130	0	0	0
Michigan	0	15	0	31	0	0	0
Ohio	313	187	0	61	0	0	0
Wisconsin	231	1,767	0	116	0	0	0
West North Central	**28**	**138**	**0**	**48**	**0**	**0**	**0**
Iowa	40	227	0	234	0	0	0
Minnesota	0	167	0	103	0	0	0
Missouri	0	352	0	0	0	0	0
Nebraska	0	0	0	2,492	0	0	0
North Dakota	0	410	0	0	0	0	0
South Dakota	0	598	0	0	0	0	0
South Atlantic	**140**	**101**	**0**	**53**	**0**	**0**	**101**
District of Columbia	0	0	0	131	0	0	0
Florida	0	0	0	116	0	0	0
Georgia	0	80	0	0	0	0	0
Maryland	135	116	0	65	0	0	0
North Carolina	0	222	0	0	0	0	103
South Carolina	0	313	0	432	0	0	0
Virginia	232	45	0	0	0	0	0
East South Central	**112**	**299**	**0**	**76**	**0**	**0**	**0**
Mississippi	0	0	0	186	0	0	0
Tennessee	112	299	0	83	0	0	0
West South Central	**0**	**603**	**0**	**21**	**0**	**0**	**0**
Arkansas	0	0	0	1,170	0	0	0
Louisiana	0	0	0	131	0	0	0
Oklahoma	0	4,833	0	123	0	0	0
Texas	0	606	0	21	0	0	0
Mountain	**0**	**445**	**0**	**42**	**0**	**0**	**874**
Arizona	0	445	0	67	0	0	0
Colorado	0	0	0	0	0	0	874
Nevada	0	0	0	84	0	0	0
New Mexico	0	0	0	92	0	0	0
Utah	0	0	0	105	0	0	0
Pacific Contiguous	**0**	**25**	**0**	**18**	**0**	**0**	**538**
California	0	25	0	18	0	0	538
Oregon	0	0	0	207	0	0	0
Washington	0	1,046	0	273	0	0	0
Pacific Noncontiguous	**16**	**73**	**0**	**1,172**	**0**	**0**	**0**
Alaska	16	88	0	1,172	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**13**	**28**	**0**	**10**	**0**	**0**	**157**

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, August 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**	**418**	**28**	**0**	**28**	**21**
Connecticut	0	0	0	0	0	0	0	53
Maine	0	0	0	0	32	0	28	29
Massachusetts	0	0	0	418	110	0	0	25
New Hampshire	0	0	0	0	58	0	0	80
Rhode Island	0	0	0	0	0	0	0	130
Vermont	0	0	0	0	420	0	0	340
Middle Atlantic	**0**	**0**	**0**	**33**	**11**	**0**	**8**	**12**
New Jersey	0	0	0	33	16	0	0	23
New York	0	0	0	0	21	0	19	17
Pennsylvania	0	0	0	228	10	0	0	30
East North Central	**0**	**0**	**0**	**206**	**12**	**0**	**10**	**14**
Illinois	0	0	0	0	0	0	0	24
Indiana	0	0	0	0	70	0	63	36
Michigan	0	0	0	0	11	0	9	14
Ohio	0	0	0	206	206	0	0	59
Wisconsin	0	0	0	0	153	0	0	102
West North Central	**0**	**0**	**0**	**0**	**28**	**0**	**50**	**21**
Iowa	0	0	0	0	73	0	0	36
Minnesota	0	0	0	0	90	0	50	64
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	91	0	0	113
North Dakota	0	0	0	0	0	0	0	410
South Dakota	0	0	0	0	0	0	0	598
South Atlantic	**0**	**0**	**0**	**42**	**16**	**0**	**11**	**20**
Delaware	0	0	0	0	320	0	0	320
District of Columbia	0	0	0	0	0	0	0	131
Florida	0	0	0	291	77	0	0	82
Georgia	0	0	0	196	67	0	0	64
Maryland	0	0	0	165	88	0	310	53
North Carolina	0	0	0	45	45	0	0	42
South Carolina	0	0	0	0	0	0	0	388
Virginia	0	0	0	0	13	0	11	11
East South Central	**0**	**0**	**0**	**156**	**156**	**0**	**0**	**68**
Mississippi	0	0	0	0	0	0	0	186
Tennessee	0	0	0	156	156	0	0	73
West South Central	**0**	**0**	**0**	**246**	**56**	**0**	**0**	**20**
Arkansas	0	0	0	0	147	0	0	174
Louisiana	0	0	0	0	0	0	0	131
Oklahoma	0	0	0	0	0	0	0	123
Texas	0	0	0	246	60	0	0	20
Mountain	**0**	**0**	**0**	**40**	**40**	**0**	**0**	**33**
Arizona	0	0	0	96	96	0	0	57
Colorado	0	0	0	67	68	0	0	107
Nevada	0	0	0	53	53	0	0	55
New Mexico	0	0	0	0	291	0	0	89
Utah	0	0	0	0	0	0	0	105
Pacific Contiguous	**0**	**0**	**0**	**38**	**9**	**0**	**0**	**11**
California	0	0	0	38	9	0	0	11
Oregon	0	0	0	0	67	0	0	106
Washington	0	0	0	0	0	0	0	269
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**
Alaska	0	0	0	0	0	0	0	18
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**20**	**6**	**0**	**5**	**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 August 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**61**	**0**	**29**	**0**	**0**	**288**
Connecticut	0	747	0	53	0	0	0
Maine	0	334	0	201	0	0	0
Massachusetts	0	73	0	27	0	0	288
New Hampshire	0	134	0	241	0	0	0
Rhode Island	0	207	0	143	0	0	0
Vermont	0	502	0	0	0	0	0
Middle Atlantic	**144**	**120**	**0**	**30**	**0**	**0**	**331**
New Jersey	0	297	0	74	0	0	0
New York	0	204	0	31	0	0	331
Pennsylvania	144	143	0	92	0	0	0
East North Central	**13**	**116**	**0**	**21**	**0**	**0**	**446**
Illinois	126	89	0	24	0	0	446
Indiana	13	1,438	0	130	0	0	0
Michigan	0	15	0	31	0	0	0
Ohio	313	187	0	61	0	0	0
Wisconsin	231	1,767	0	116	0	0	0
West North Central	**28**	**138**	**0**	**48**	**0**	**0**	**0**
Iowa	40	227	0	234	0	0	0
Minnesota	0	167	0	103	0	0	0
Missouri	0	352	0	0	0	0	0
Nebraska	0	0	0	2,492	0	0	0
North Dakota	0	410	0	0	0	0	0
South Dakota	0	598	0	0	0	0	0
South Atlantic	**140**	**101**	**0**	**53**	**0**	**0**	**101**
District of Columbia	0	0	0	131	0	0	0
Florida	0	0	0	116	0	0	0
Georgia	0	80	0	0	0	0	0
Maryland	135	116	0	65	0	0	0
North Carolina	0	222	0	0	0	0	103
South Carolina	0	313	0	432	0	0	0
Virginia	232	45	0	0	0	0	0
East South Central	**112**	**299**	**0**	**76**	**0**	**0**	**0**
Mississippi	0	0	0	186	0	0	0
Tennessee	112	299	0	83	0	0	0
West South Central	**0**	**603**	**0**	**21**	**0**	**0**	**0**
Arkansas	0	0	0	1,170	0	0	0
Louisiana	0	0	0	131	0	0	0
Oklahoma	0	4,833	0	123	0	0	0
Texas	0	606	0	21	0	0	0
Mountain	**0**	**445**	**0**	**42**	**0**	**0**	**874**
Arizona	0	445	0	67	0	0	0
Colorado	0	0	0	0	0	0	874
Nevada	0	0	0	84	0	0	0
New Mexico	0	0	0	92	0	0	0
Utah	0	0	0	105	0	0	0
Pacific Contiguous	**0**	**25**	**0**	**18**	**0**	**0**	**538**
California	0	25	0	18	0	0	538
Oregon	0	0	0	207	0	0	0
Washington	0	1,046	0	273	0	0	0
Pacific Noncontiguous	**16**	**73**	**0**	**1,172**	**0**	**0**	**0**
Alaska	16	88	0	1,172	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**13**	**28**	**0**	**10**	**0**	**0**	**157**

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 August 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**	**418**	**28**	**0**	**28**	**21**
Connecticut	0	0	0	0	0	0	0	53
Maine	0	0	0	0	32	0	28	29
Massachusetts	0	0	0	418	110	0	0	25
New Hampshire	0	0	0	0	58	0	0	80
Rhode Island	0	0	0	0	0	0	0	130
Vermont	0	0	0	0	420	0	0	340
Middle Atlantic	**0**	**0**	**0**	**33**	**11**	**0**	**8**	**12**
New Jersey	0	0	0	33	16	0	0	23
New York	0	0	0	0	21	0	19	17
Pennsylvania	0	0	0	228	10	0	0	30
East North Central	**0**	**0**	**0**	**206**	**12**	**0**	**10**	**14**
Illinois	0	0	0	0	0	0	0	24
Indiana	0	0	0	0	70	0	63	36
Michigan	0	0	0	0	11	0	9	14
Ohio	0	0	0	206	206	0	0	59
Wisconsin	0	0	0	0	153	0	0	102
West North Central	**0**	**0**	**0**	**0**	**28**	**0**	**50**	**21**
Iowa	0	0	0	0	73	0	0	36
Minnesota	0	0	0	0	90	0	50	64
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	91	0	0	113
North Dakota	0	0	0	0	0	0	0	410
South Dakota	0	0	0	0	0	0	0	598
South Atlantic	**0**	**0**	**0**	**42**	**16**	**0**	**11**	**20**
Delaware	0	0	0	0	320	0	0	320
District of Columbia	0	0	0	0	0	0	0	131
Florida	0	0	0	291	77	0	0	82
Georgia	0	0	0	196	67	0	0	64
Maryland	0	0	0	165	88	0	310	53
North Carolina	0	0	0	45	45	0	0	42
South Carolina	0	0	0	0	0	0	0	388
Virginia	0	0	0	0	13	0	11	11
East South Central	**0**	**0**	**0**	**156**	**156**	**0**	**0**	**68**
Mississippi	0	0	0	0	0	0	0	186
Tennessee	0	0	0	156	156	0	0	73
West South Central	**0**	**0**	**0**	**246**	**56**	**0**	**0**	**20**
Arkansas	0	0	0	0	147	0	0	174
Louisiana	0	0	0	0	0	0	0	131
Oklahoma	0	0	0	0	0	0	0	123
Texas	0	0	0	246	60	0	0	20
Mountain	**0**	**0**	**0**	**40**	**40**	**0**	**0**	**33**
Arizona	0	0	0	96	96	0	0	57
Colorado	0	0	0	67	68	0	0	107
Nevada	0	0	0	53	53	0	0	55
New Mexico	0	0	0	0	291	0	0	89
Utah	0	0	0	0	0	0	0	105
Pacific Contiguous	**0**	**0**	**0**	**38**	**9**	**0**	**0**	**11**
California	0	0	0	38	9	0	0	11
Oregon	0	0	0	0	67	0	0	106
Washington	0	0	0	0	0	0	0	269
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**
Alaska	0	0	0	0	0	0	0	18
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**20**	**6**	**0**	**5**	**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, August 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**54**	**150**	**0**	**20**	**0**	**0**	**24**
Connecticut	0	283	0	54	0	0	0
Maine	0	147	0	21	0	0	22
Massachusetts	89	1,260	0	80	0	0	316
New Hampshire	0	224	0	192	0	0	691
Middle Atlantic	**11**	**14**	**102**	**29**	**8**	**0**	**89**
New Jersey	0	538	155	71	0	0	0
New York	0	1	0	57	0	0	89
Pennsylvania	18	187	121	36	8	0	0
East North Central	**5**	**50**	**44**	**26**	**5**	**0**	**126**
Illinois	6	2,416	0	52	23	0	0
Indiana	71	10	0	33	5	0	0
Michigan	30	288	138	77	0	0	298
Ohio	18	325	0	94	25	0	0
Wisconsin	8	742	0	88	0	0	139
West North Central	**8**	**164**	**0**	**62**	**62**	**0**	**162**
Iowa	8	192	0	200	0	0	0
Kansas	0	0	0	62	0	0	0
Minnesota	20	257	0	195	0	0	162
Missouri	74	0	0	447	0	0	0
Nebraska	26	0	0	616	0	0	0
North Dakota	54	250	0	296	62	0	0
South Atlantic	**11**	**38**	**0**	**9**	**0**	**0**	**9**
Delaware	0	0	0	0	0	0	0
Florida	59	72	0	15	0	0	0
Georgia	17	50	0	26	0	0	147
Maryland	0	0	0	121	0	0	0
North Carolina	55	111	0	55	0	0	12
South Carolina	22	0	0	82	0	0	0
Virginia	36	199	0	26	0	0	191
West Virginia	4	0	0	0	0	0	8
East South Central	**6**	**59**	**0**	**9**	**13**	**0**	**12**
Alabama	38	59	0	14	13	0	0
Kentucky	0	0	0	69	0	0	0
Mississippi	0	0	0	9	0	0	0
Tennessee	2	409	0	23	0	0	12
West South Central	**37**	**56**	**62**	**2**	**4**	**0**	**0**
Arkansas	0	0	0	29	0	0	0
Louisiana	0	0	87	2	5	0	0
Oklahoma	41	119	0	87	0	0	0
Texas	0	295	43	2	6	0	0
Mountain	**9**	**121**	**0**	**25**	**6**	**0**	**0**
Colorado	278	2,073	0	402	0	0	0
Idaho	58	0	0	136	0	0	0
Montana	170	0	0	0	0	0	0
Nevada	0	0	0	150	0	0	0
New Mexico	0	1,209	0	0	0	0	0
Utah	0	465	0	32	267	0	0
Wyoming	25	125	0	24	4	0	0
Pacific Contiguous	**0**	**80**	**0**	**6**	**7**	**0**	**0**
California	0	79	0	6	7	0	0
Oregon	0	0	0	92	0	0	0
Washington	0	92	0	0	0	0	0
Pacific Noncontiguous	**133**	**16**	**0**	**201**	**67**	**0**	**200**
Alaska	0	14	0	201	237	0	0
Hawaii	133	22	0	0	69	0	200
U.S. Total	**4**	**13**	**34**	**2**	**3**	**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, August 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**0**	**7**	**0**	**21**	**10**
Connecticut	0	0	0	0	0	0	0	54
Maine	0	0	0	0	7	0	21	8
Massachusetts	0	0	0	0	0	0	0	68
New Hampshire	0	0	0	0	0	0	0	195
Middle Atlantic	**0**	**0**	**0**	**88**	**14**	**0**	**0**	**12**
New Jersey	0	0	0	221	221	0	0	64
New York	0	0	0	0	4	0	0	16
Pennsylvania	0	0	0	96	20	0	0	15
East North Central	**0**	**0**	**0**	**0**	**11**	**0**	**7**	**5**
Illinois	0	0	0	0	0	0	18	8
Indiana	0	0	0	0	87	0	0	6
Michigan	0	0	0	0	18	0	0	20
Ohio	0	0	0	0	17	0	0	15
Wisconsin	0	0	0	0	19	0	46	11
West North Central	**0**	**0**	**0**	**0**	**16**	**0**	**39**	**8**
Iowa	0	0	0	0	0	0	0	8
Kansas	0	0	0	0	0	0	0	62
Minnesota	0	0	0	0	16	0	39	15
Missouri	0	0	0	0	277	0	0	71
Nebraska	0	0	0	0	0	0	0	28
North Dakota	0	0	0	0	0	0	0	46
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**4**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	12	0	4	7
Georgia	0	0	0	0	7	0	4	6
Maryland	0	0	0	0	0	0	0	24
North Carolina	0	0	0	0	12	0	0	10
South Carolina	0	0	0	0	1	0	0	3
Virginia	0	0	0	0	9	0	0	10
West Virginia	0	0	0	0	0	0	0	4
East South Central	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**4**
Alabama	0	0	0	0	10	0	0	8
Kentucky	0	0	0	0	9	0	0	28
Mississippi	0	0	0	0	7	0	0	6
Tennessee	0	0	0	0	19	0	0	7
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**7**	**2**
Arkansas	0	0	0	0	6	0	0	7
Louisiana	0	0	0	0	11	0	7	2
Oklahoma	0	0	0	0	36	0	60	26
Texas	0	0	0	0	17	0	10	2
Mountain	**0**	**0**	**0**	**189**	**3**	**0**	**10**	**8**
Colorado	0	0	0	0	291	0	43	65
Idaho	0	0	0	0	2	0	0	12
Montana	0	0	0	0	0	0	0	170
Nevada	0	0	0	189	189	0	0	142
New Mexico	0	0	0	0	0	0	0	1,209
Utah	0	0	0	0	0	0	0	9
Wyoming	0	0	0	0	0	0	0	13
Pacific Contiguous	**0**	**0**	**0**	**157**	**11**	**0**	**8**	**5**
California	0	0	0	157	30	0	8	5
Oregon	0	0	0	0	16	0	0	18
Washington	0	0	0	0	12	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**38**	**0**	**0**	**31**
Alaska	0	0	0	0	546	0	0	66
Hawaii	0	0	0	0	37	0	0	34
U.S. Total	**0**	**0**	**0**	**72**	**4**	**0**	**4**	**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.5.B. Relative Standard Error for Net Generation by Fuel Type:

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**54**	**150**	**0**	**20**	**0**	**0**	**24**
Connecticut	0	283	0	54	0	0	0
Maine	0	147	0	21	0	0	22
Massachusetts	89	1,260	0	80	0	0	316
New Hampshire	0	224	0	192	0	0	691
Middle Atlantic	**11**	**14**	**102**	**29**	**8**	**0**	**89**
New Jersey	0	538	155	71	0	0	0
New York	0	1	0	57	0	0	89
Pennsylvania	18	187	121	36	8	0	0
East North Central	**5**	**50**	**44**	**26**	**5**	**0**	**126**
Illinois	6	2,416	0	52	23	0	0
Indiana	71	10	0	33	5	0	0
Michigan	30	288	138	77	0	0	298
Ohio	18	325	0	94	25	0	0
Wisconsin	8	742	0	88	0	0	139
West North Central	**8**	**164**	**0**	**62**	**62**	**0**	**162**
Iowa	8	192	0	200	0	0	0
Kansas	0	0	0	62	0	0	0
Minnesota	20	257	0	195	0	0	162
Missouri	74	0	0	447	0	0	0
Nebraska	26	0	0	616	0	0	0
North Dakota	54	250	0	296	62	0	0
South Atlantic	**11**	**38**	**0**	**9**	**0**	**0**	**9**
Delaware	0	0	0	0	0	0	0
Florida	59	72	0	15	0	0	0
Georgia	17	50	0	26	0	0	147
Maryland	0	0	0	121	0	0	0
North Carolina	55	111	0	55	0	0	12
South Carolina	22	0	0	82	0	0	0
Virginia	36	199	0	26	0	0	191
West Virginia	4	0	0	0	0	0	8
East South Central	**6**	**59**	**0**	**9**	**13**	**0**	**12**
Alabama	38	59	0	14	13	0	0
Kentucky	0	0	0	69	0	0	0
Mississippi	0	0	0	9	0	0	0
Tennessee	2	409	0	23	0	0	12
West South Central	**37**	**56**	**62**	**2**	**4**	**0**	**0**
Arkansas	0	0	0	29	0	0	0
Louisiana	0	0	87	2	5	0	0
Oklahoma	41	119	0	87	0	0	0
Texas	0	295	43	2	6	0	0
Mountain	**9**	**121**	**0**	**25**	**6**	**0**	**0**
Colorado	278	2,073	0	402	0	0	0
Idaho	58	0	0	136	0	0	0
Montana	170	0	0	0	0	0	0
Nevada	0	0	0	150	0	0	0
New Mexico	0	1,209	0	0	0	0	0
Utah	0	465	0	32	267	0	0
Wyoming	25	125	0	24	4	0	0
Pacific Contiguous	**0**	**80**	**0**	**6**	**7**	**0**	**0**
California	0	79	0	6	7	0	0
Oregon	0	0	0	92	0	0	0
Washington	0	92	0	0	0	0	0
Pacific Noncontiguous	**133**	**16**	**0**	**201**	**67**	**0**	**200**
Alaska	0	14	0	201	237	0	0
Hawaii	133	22	0	0	69	0	200
U.S. Total	**4**	**13**	**34**	**2**	**3**	**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 August 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**0**	**7**	**0**	**21**	**10**
Connecticut	0	0	0	0	0	0	0	54
Maine	0	0	0	0	7	0	21	8
Massachusetts	0	0	0	0	0	0	0	68
New Hampshire	0	0	0	0	0	0	0	195
Middle Atlantic	**0**	**0**	**0**	**88**	**14**	**0**	**0**	**12**
New Jersey	0	0	0	221	221	0	0	64
New York	0	0	0	0	4	0	0	16
Pennsylvania	0	0	0	96	20	0	0	15
East North Central	**0**	**0**	**0**	**0**	**11**	**0**	**7**	**5**
Illinois	0	0	0	0	0	0	18	8
Indiana	0	0	0	0	87	0	0	6
Michigan	0	0	0	0	18	0	0	20
Ohio	0	0	0	0	17	0	0	15
Wisconsin	0	0	0	0	19	0	46	11
West North Central	**0**	**0**	**0**	**0**	**16**	**0**	**39**	**8**
Iowa	0	0	0	0	0	0	0	8
Kansas	0	0	0	0	0	0	0	62
Minnesota	0	0	0	0	16	0	39	15
Missouri	0	0	0	0	277	0	0	71
Nebraska	0	0	0	0	0	0	0	28
North Dakota	0	0	0	0	0	0	0	46
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**4**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	12	0	4	7
Georgia	0	0	0	0	7	0	4	6
Maryland	0	0	0	0	0	0	0	24
North Carolina	0	0	0	0	12	0	0	10
South Carolina	0	0	0	0	1	0	0	3
Virginia	0	0	0	0	9	0	0	10
West Virginia	0	0	0	0	0	0	0	4
East South Central	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**4**
Alabama	0	0	0	0	10	0	0	8
Kentucky	0	0	0	0	9	0	0	28
Mississippi	0	0	0	0	7	0	0	6
Tennessee	0	0	0	0	19	0	0	7
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**7**	**2**
Arkansas	0	0	0	0	6	0	0	7
Louisiana	0	0	0	0	11	0	7	2
Oklahoma	0	0	0	0	36	0	60	26
Texas	0	0	0	0	17	0	10	2
Mountain	**0**	**0**	**0**	**189**	**3**	**0**	**10**	**8**
Colorado	0	0	0	0	291	0	43	65
Idaho	0	0	0	0	2	0	0	12
Montana	0	0	0	0	0	0	0	170
Nevada	0	0	0	189	189	0	0	142
New Mexico	0	0	0	0	0	0	0	1,209
Utah	0	0	0	0	0	0	0	9
Wyoming	0	0	0	0	0	0	0	13
Pacific Contiguous	**0**	**0**	**0**	**157**	**11**	**0**	**8**	**5**
California	0	0	0	157	30	0	8	5
Oregon	0	0	0	0	16	0	0	18
Washington	0	0	0	0	12	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**38**	**0**	**0**	**31**
Alaska	0	0	0	0	546	0	0	66
Hawaii	0	0	0	0	37	0	0	34
U.S. Total	**0**	**0**	**0**	**72**	**4**	**0**	**4**	**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.6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, August 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**4**	**0**	**1**
Connecticut	0	1	5	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	8	0	1
New Hampshire	1	1	5	0	1
Rhode Island	0	0	0	0	0
Vermont	3	3	9	0	3
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	3	0	0
New York	0	0	3	0	0
Pennsylvania	0	0	1	0	0
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	1	2	2	0	1
Ohio	1	1	2	0	1
Wisconsin	1	3	3	0	2
West North Central	**1**	**2**	**2**	**0**	**1**
Iowa	2	7	3	0	2
Kansas	2	1	3	0	1
Minnesota	2	4	3	0	2
Missouri	1	1	6	0	1
Nebraska	2	7	4	0	3
North Dakota	3	5	7	0	3
South Dakota	4	9	6	0	4
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	1	2	10	0	2
District of Columbia	0	0	0	0	0
Florida	1	0	2	0	0
Georgia	1	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	1	1	1	0	1
Kentucky	1	2	3	0	1
Mississippi	2	1	2	0	1
Tennessee	1	2	5	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	2	1	2	0	1
Louisiana	1	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	0	1	0	0
Mountain	**1**	**2**	**1**	**0**	**1**
Arizona	0	2	3	0	1
Colorado	2	5	5	0	2
Idaho	2	5	2	0	1
Montana	3	8	4	0	3
Nevada	0	3	1	0	1
New Mexico	2	8	6	0	4
Utah	2	6	2	0	2
Wyoming	4	7	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	1	2	0	1
Oregon	2	4	4	0	2
Washington	2	4	3	0	2
Pacific Noncontiguous	**2**	**5**	**2**	**0**	**2**
Alaska	4	10	8	0	5
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**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 August 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	1	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	3	2	0	1
Kansas	1	1	2	0	1
Minnesota	1	2	2	0	1
Missouri	1	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	7	0	1
District of Columbia	0	0	0	0	0
Florida	0	0	2	0	0
Georgia	1	1	1	0	0
Maryland	0	1	3	0	0
North Carolina	0	1	1	0	0
South Carolina	1	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	1	1	1	0	0
Kentucky	1	1	2	0	1
Mississippi	1	1	2	0	1
Tennessee	0	1	4	0	1
West South Central	**0**	**0**	**0**	**0**	**0**
Arkansas	1	1	1	130	1
Louisiana	1	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	1
Utah	1	2	1	0	1
Wyoming	1	3	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, August 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**43**	**1**
Connecticut	0	1	4	0	1
Maine	1	3	3	0	1
Massachusetts	1	1	6	67	1
New Hampshire	1	1	5	0	1
Rhode Island	0	14	1	0	6
Vermont	2	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	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	3	0	1
Indiana	1	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	2	3	4	0	2
Missouri	1	1	5	0	1
Nebraska	2	6	5	0	2
North Dakota	3	5	6	0	3
South Dakota	4	7	7	0	4
South Atlantic	**1**	**0**	**1**	**20**	**0**
Delaware	1	13	11	0	5
District of Columbia	0	0	0	72	1
Florida	1	0	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	0	2	0	1
West Virginia	0	1	1	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	1	2	0	1
Kentucky	1	2	4	0	1
Mississippi	3	1	3	0	2
Tennessee	1	2	4	0	1
West South Central	**1**	**0**	**1**	**0**	**1**
Arkansas	3	1	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	0	3	4	0	1
Colorado	1	5	7	0	3
Idaho	2	4	2	0	1
Montana	4	6	7	0	3
Nevada	0	4	1	0	1
New Mexico	2	8	10	0	4
Utah	2	6	3	0	3
Wyoming	4	6	3	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**0**
California	0	1	2	0	1
Oregon	2	3	5	0	2
Washington	2	3	4	0	2
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	5	8	7	0	4
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 August 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	56	1
New Hampshire	0	0	3	0	0
Rhode Island	0	8	0	0	3
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	7	7	0	3
District of Columbia	0	4	0	49	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	1
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	1
Kentucky	1	1	3	0	1
Mississippi	1	1	3	0	1
Tennessee	1	1	4	0	1
West South Central	**0**	**0**	**1**	**1**	**0**
Arkansas	1	1	2	121	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**

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**1**	**43**	**1**
Connecticut	0	0	4	0	1
Maine	0	2	1	0	1
Massachusetts	1	0	4	67	1
New Hampshire	0	1	2	0	1
Rhode Island	0	14	1	0	6
Vermont	2	1	3	0	1
Middle Atlantic	**0**	**0**	**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**	**0**	**0**	**0**
Illinois	0	0	1	0	0
Indiana	1	0	1	0	1
Michigan	0	1	1	0	0
Ohio	0	0	1	0	0
Wisconsin	1	1	1	0	1
West North Central	**0**	**0**	**1**	**0**	**0**
Iowa	1	2	2	0	1
Kansas	1	1	2	0	1
Minnesota	1	1	2	0	1
Missouri	1	0	2	0	1
Nebraska	1	2	2	0	1
North Dakota	1	1	3	0	1
South Dakota	1	2	3	0	1
South Atlantic	**0**	**0**	**1**	**20**	**0**
Delaware	1	12	3	0	4
District of Columbia	0	0	0	72	1
Florida	0	0	2	0	0
Georgia	1	0	1	0	1
Maryland	1	0	2	0	0
North Carolina	1	0	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	**0**	**0**	**1**	**0**	**0**
Arkansas	1	1	1	0	1
Louisiana	1	1	1	0	0
Oklahoma	1	1	2	0	1
Texas	0	0	1	0	0
Mountain	**0**	**0**	**1**	**0**	**0**
Arizona	0	1	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	1	0	1
Montana	1	2	4	0	1
Nevada	0	1	0	0	0
New Mexico	1	2	5	0	1
Utah	1	1	1	0	1
Wyoming	2	1	1	0	1
Pacific Contiguous	**0**	**1**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	2	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**3**	**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.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 August 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	56	1
New Hampshire	0	1	4	0	1
Rhode Island	0	8	0	0	3
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**	**0**
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	0	5	4	0	2
South Atlantic	**0**	**0**	**1**	**15**	**0**
Delaware	0	7	8	0	3
District of Columbia	0	4	0	49	3
Florida	0	1	3	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	2	2	117	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	0
Colorado	0	2	4	0	1
Idaho	0	3	1	0	1
Montana	0	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	2	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	5	4	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**3**	**0**

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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	PJM Interconnection	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	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 8:49 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	01/18/2014 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	ongoing	ongoing	First Energy Solutions Corp.	RFC	Unknown	Electrical System Islanding	Unknown	Unknown
2014	1	01/23/2014 4:00 AM	01/24/2014 12:00 PM	32 Hours, 0 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 1:04 PM	01/24/2014 9:00 AM	19 Hours, 56 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 4:00 PM	01/24/2014 12:00 PM	20 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/24/2014 12:00 AM	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
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

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	05/14/2014 3:34 PM	ongoing	ongoing	San Diego Gas & Electric Company	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	N/A	N/A
2014	5	05/15/2014 10:43 AM	ongoing	ongoing	San Diego Gas & Electric Co	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	3300	1400000
2014	5	05/16/2014 10:43 AM	05/16/2014 9:00 PM	10 Hours, 17 Minutes	San Diego Gas & Electric Co	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	3900	1400000
2014	5	05/26/2014 12:31 PM	05/26/2014 1:18 PM	0 Hours, 47 Minutes	Peak Reliability	WECC	British Columbia & Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	6	06/03/2014 3:32 PM	06/03/2014 3:59 PM	0 Hours, 27 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Islanding	338	N/A
2014	6	06/05/2014 3:00 AM	06/07/2014 11:45 PM	68 Hours, 45 Minutes	Memphis Light Gas and Water Division	SERC	Shelby County, Tennessee	Severe Weather - Thunderstorms	494	38500
2014	6	06/05/2014 1:06 PM	06/05/2014 1:07 PM	0 Hours, 1 Minutes	Tennessee Valley Authority	SERC	West Tennessee	Severe Weather - Thunderstorms	Unknown	56475
2014	6	06/06/2014 1:00 PM	ongoing	ongoing	Luminant Energy Company, LLC	ERCOT	Texas	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	6	06/07/2014 11:00 PM	06/08/2014 5:30 AM	6 Hours, 30 Minutes	Southern Company	SERC	North and Central , Alabama	Severe Weather - Thunderstorms	217	65000
2014	6	06/09/2014 11:07 AM	06/09/2014 11:30 AM	0 Hours, 23 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Islanding	Unknown	Unknown
2014	6	06/10/2014 9:50 PM	06/11/2014 2:30 PM	16 Hours, 40 Minutes	American Electric Power	RFC	West Virginia	Severe Weather - Thunderstorms	Unknown	66383
2014	6	06/15/2014 12:00 AM	06/15/2014 1:00 AM	1 Hours, 0 Minutes	Xcel Energy	MRO	Central Minnesota	Severe Weather - Thunderstorms	Unknown	55951
2014	6	06/18/2014 5:00 PM	06/20/2014 3:00 PM	46 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	138802
2014	6	06/27/2014 1:21 PM	ongoing	ongoing	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	6	06/30/2014 5:55 PM	07/01/2014 2:53 AM	8 Hours, 58 Minutes	We Energies	MRO	Southeast Wisconsin	Severe Weather - Thunderstorms	424	120000
2014	6	06/30/2014 8:00 PM	07/02/2014 6:30 PM	46 Hours, 30 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Weather - Thunderstorms	Unknown	420000
2014	6	06/30/2014 11:20 PM	07/01/2014 5:00 PM	17 Hours, 40 Minutes	Northern Indiana Public Service Company	RFC	North Central Indiana	Severe Weather - Thunderstorms	Unknown	127000
2014	7	07/01/2014 3:30 AM	ongoing	ongoing	Consumers Energy Co	RFC	Southwest Michigan	Severe Weather - Thunderstorms	Unknown	51000
2014	7	07/01/2014 4:00 AM	07/03/2014 11:30 PM	67 Hours, 30 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	140000
2014	7	07/01/2014 5:00 AM	07/02/2014 2:00 AM	21 Hours, 0 Minutes	American Electric Power	RFC	Indiana, Michigan	Severe Weather - Thunderstorms	Unknown	57237
2014	7	07/02/2014 8:39 AM	07/28/2014 3:13 PM	630 Hours, 34 Minutes	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	7	07/03/2014 6:00 PM	07/06/2014 12:00 PM	66 Hours, 0 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Thunderstorms	Unknown	298165
2014	7	07/03/2014 10:55 PM	07/04/2014 1:50 AM	2 Hours, 55 Minutes	ISO New England	NPCC	Vermont, New Hampshire, Maine, Rhode Island, Massachusetts, Connecticut	Severe Weather - Thunderstorms	Unknown	64000
2014	7	07/08/2014 5:30 PM	07/10/2014 3:00 PM	45 Hours, 30 Minutes	PPL Electric Utilities Corp	RFC	Central and Northeastern Pennsylvania	Severe Weather - Thunderstorms	Unknown	66000
2014	7	07/08/2014 5:30 PM	07/12/2014 11:20 PM	101 Hours, 50 Minutes	FirstEnergy Corp: Potomac Edison	RFC	Maryland, West Virginia	Severe Weather - Thunderstorms	Unknown	96000
2014	7	07/08/2014 5:30 PM	07/12/2014 11:30 PM	102 Hours, 0 Minutes	FirstEnergy Corp: Mon Power	RFC	West Virginia	Severe Weather - Thunderstorms	Unknown	71000
2014	7	07/08/2014 6:00 PM	07/11/2014 5:53 PM	71 Hours, 53 Minutes	FirstEnergy Corp: Met-Ed	RFC	Eastern Pennsylvania	Severe Weather - Thunderstorms	Unknown	69000
2014	7	07/08/2014 7:21 PM	07/11/2014 7:00 AM	59 Hours, 39 Minutes	Niagara Mohawk Power Corporation (dba National Grid)	NPCC	Upstate New York	Severe Weather - Thunderstorms	Unknown	65000
2014	7	07/08/2014 8:30 PM	07/11/2014 11:00 PM	74 Hours, 30 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Thunderstorms	Unknown	260000
2014	7	07/08/2014 9:31 PM	ongoing	ongoing	Baltimore Gas & Electric Company	RFC	Maryland	Severe Weather - Thunderstorms	Unknown	56600
2014	7	07/23/2014 7:14 PM	07/24/2014 12:23 AM	5 Hours, 9 Minutes	American Electric Power	SERC	Arkansas, Louisiana	Severe Weather - Thunderstorms	Unknown	57299
2014	7	07/24/2014 4:29 PM	07/24/2014 11:32 PM	7 Hours, 3 Minutes	Southern California Edison	WECC	California	Load shedding of 100 Megawatts	126	26856
2014	7	07/27/2014 5:00 PM	07/28/2014 11:00 PM	30 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	156611
2014	7	07/27/2014 11:00 PM	07/28/2014 4:00 AM	5 Hours, 0 Minutes	California Department of Water Resources	WECC	Central California	Uncontrolled Loss of 300 Megawatts	480	1
2014	8	08/13/2014 6:08 AM	08/13/2014 6:34 AM	0 Hours, 26 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	370	Unknown
2014	8	08/20/2014 1:21 AM	08/20/2014 1:41 AM	0 Hours, 20 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	8	08/23/2014 4:39 PM	08/24/2014 1:46 AM	9 Hours, 7 Minutes	Illinois Municipal Electric Agency	RFC	City of Highland, Illinois	Operational Failure of Electrical System	31	6549
2014	8	08/24/2014 3:20 AM	08/25/2014 7:05 AM	27 Hours, 45 Minutes	PG&E	WECC	North of San Francisco, California	Earthquake	95	70000
2014	8	08/26/2014 3:30 PM	ongoing	ongoing	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	Unknown

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

Table B.2 Major Disturbances and Unusual Occurrences, 2013

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

Table B.2 Major Disturbances and Unusual Occurrences, 2013

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

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

Appendix C

Technical notes

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

Data quality

The EPM is prepared by the Office of Electricity, Renewables & Uranium Statistics (ERUS), Energy Information Administration (EIA), U. S. Department of Energy. Quality statistics begin with the collection of the correct data. To assure this, ERUS performs routine reviews of the data collected and the forms on which it is collected. Additionally, to assure that the data are collected from the correct parties, ERUS routinely reviews the frames for each data collection.

Automatic, computerized verification of keyed input, review by subject matter specialists, and follow-up with nonrespondents assure quality statistics. To ensure the quality standards established by the EIA, formulas that use the past history of data values in the database have been designed and implemented to check data input for errors automatically. Data values that fall outside the ranges prescribed in the formulas are verified by telephoning respondents to resolve any discrepancies. All survey nonrespondents are identified and contacted.

Reliability of data

There are two types of errors possible in an estimate based on a sample survey: sampling and non-sampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Non-sampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results is determined by the joint effects of sampling and non-sampling errors. Monthly sample survey data have both sampling and non-sampling error. Annual survey data are collected by a census and are not subject to sampling error.

Non-sampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse); (2) response errors; (3) definitional difficulties; (4) differences in the interpretation of questions; (5) mistakes in recording or coding the data obtained; and (6) other errors of collection, response, coverage, and estimation for missing data. Note that for the cutoff sampling and model-based regression (ratio) estimation that we use, data 'missing' due to nonresponse, and data 'missing' due to being out-of-sample are treated in the same manner. Therefore missing data may be considered to result in sampling error, and variance estimates reflect all missing data.

Although no direct measurement of the biases due to non-sampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. See the Data Processing and Data System Editing section for each EIA form for an in-depth discussion of how the sampling and non-sampling errors are handled in each case.

Relative Standard Error: The relative standard error (RSE) statistic, usually given as a percentage, describes the magnitude of sampling error that might reasonably be incurred. The RSE is the square root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables, or a single variable.

The sampling error may be less than the non-sampling error. In fact, large RSE estimates found in preliminary work with these data have often indicated non-sampling errors, which were then identified and corrected. Non-sampling errors may be attributed to many sources, including the response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, or coverage. These non-sampling errors also occur in complete censuses.

Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approxi-mately a 68 percent chance that the true total or mean is within one RSE of the estimated total or mean. Note that reported RSEs are always estimates themselves, and are usually, as here, reported as percentages. As an example, suppose that a net generation from coal value is estimated to be 1,507 million kilowatthours with an estimated RSE of 4.9 percent. This means that, ignoring any non-sampling error, there is approximately a 68 percent chance that the true million kilowatthour value is within approximately 4.9 percent of 1,507 million kilowatthours (that is, between 1,433 and 1,581 million kilowatthours). Also under the Central Limit Theorem, there is approxi-mately a 95 percent chance that the true mean or total is within 2 RSEs of the estimated mean or total.

Note that there are times when a model may not apply, such as in the case of a substantial reclassification of sales, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information may represent only itself, and such numbers are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed. Experiments were done to see if nonresponse should be treated differently, but it was decided to treat those cases the same as out-of-sample cases.

Relative Standard Error With Respect to a Superpopulation: The RSESP statistic is similar to the RSE (described above). Like the RSE, it is a statistic designed to estimate the variability of data and is usually given as a percentage. However, where the RSE is only designed to estimate the magnitude of sampling error, the RSESP more fully reflects the impact of variability from sampling and non-sampling errors. This is a more complete measure than RSE in that it can measure statistical variability in a complete census in addition to a sample21,24. In addition to being a measure of data variability, the RSESP can also be useful in comparing different models that are applied to the same set of data22. This capability is used to test different regression models for imputation and prediction. This testing may include considerations such as comparing different regressors, the comparative reliability of different monthly samples, or the use of different geographical strata or groupings for a given model. For testing purposes, ERUS typically uses recent historical data that have been finalized. Typically, time-series graphics showing two or more models or samples are generated showing the RSESP values over time. In selecting models, consideration is given to total survey error as well as any apparent differences in robustness.

Imputation: For monthly data, if the reported values appeared to be in error and the data issue could not be resolved with the respondent, or if the facility was a nonrespondent, a regression methodology is used to impute for the facility. The same procedure is used to estimate ("predict") data for facilities not in the monthly sample. The regression methodology relies on other data to make estimates for erroneous or missing responses.

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

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

Data revision procedure

ERUS has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

- Annual survey data are disseminated either as preliminary or final when first appearing in a data product. Data initially released as preliminary will be so noted in the data product. These data are typically released as final by the next dissemination of the same product; however, if final data are available at an earlier interval they may be released in another product.
- All monthly survey data are first disseminated as preliminary. These data are revised after the prior year's data are finalized and are disseminated as revised preliminary. No revisions are made to the published data before this or subsequent to these data being finalized unless significant errors are discovered.
- After data are disseminated as final, further revisions will be considered if they make a difference of 1 percent or greater at the national level. Revisions for differences that do not meet the 1 percent or greater threshold will be determined by the Office Director. In either case, the proposed revision will be subject to the EIA revision policy concerning how it affects other EIA products.
- The magnitudes of changes due to revisions experienced in the past will be included periodically in the data products, so that the reader can assess the accuracy of the data.

Data sources for Electric Power Monthly

Data published in the EPM are compiled from the following sources:

- Form EIA-923, "Power Plant Operations Report,"
- Form EIA 826, "Monthly Electric Utility Sales and Revenues with State Distributions Report,"
- Form EIA 860, "Annual Electric Generator Report,"
- Form EIA-860M, "Monthly Update to the Annual Electric Generator Report," and

- Form EIA 861, "Annual Electric Power Industry Report."

For access to these forms and their instructions, please see:
http://www.eia.gov/cneaf/electricity/page/forms.html.

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

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

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

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

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

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

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

Meanings of symbols appearing in tables: The following symbols have the meaning described below:

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

Form EIA-826

The Form EIA 826, "Monthly Electric Utility Sales and Revenues with State Distributions Report," is a monthly collection of data from a sample of approximately 500 of the largest electric utilities (primarily investor owned and publicly owned) as well as a census of energy service providers with retail sales in deregulated States. Form EIA-861, with approximately 3,300 respondents, serves as a frame from which the Form 826 sample is drawn. Based on this sample, a model is used to estimate for the entire universe of U.S. electric utilities.

Instrument and design history: The collection of elec-tric power sales data and related information began in the early 1940's and was established as FPC Form 5 by FPC Order 141 in 1947. In 1980, the report was revised with only selected income items remaining and became the FERC Form 5. The Form EIA 826, "Electric Utility Company Monthly Statement," replaced the FERC Form 5 in January 1983. In January 1987, the "Electric Utility Company Monthly Statement" was changed to the "Monthly Electric Utility Sales and Revenue Report with State Distributions." The title was changed again in January 2002 to "Monthly Electric Utility Sales and Revenues with State Distributions Report" to become consistent with other EIA report titles. The Form EIA 826 was revised in January 1990, and some data elements were eliminated.

In 1993, EIA for the first time used a model sample for the Form EIA 826. A stratified random sample, employing auxiliary data, was used for each of the four previous years. The sample for the Form EIA 826 was designed to obtain estimates of electricity sales and average retail price of electricity at the State level by end use sector.

Starting with data for January 2001, the restructuring of the electric power industry was taken into account by forming three schedules on the Form EIA-826. Schedule 1, Part A is for full service utilities that operate as in the past. Schedule 1, Part B is for electric service providers only, and Schedule 1, Part C is for those utilities providing distribution service for those on Schedule 1, Part B. In addition, Schedule 1 Part D is for those retail energy providers or power marketers that provide bundled service. Also, the Form EIA-826 frame was modified to include all investor-owned electric utilities and a sample of companies from other ownership classes. A new method of estimation was implemented at this same time. (See EPM April 2001, p.1.)

With the October 2004 issue of the EPM, EIA published for the first time preliminary electricity sales data for the Transportation Sector. These data are for electricity delivered to and consumed by local, regional, and metropolitan transportation systems. The data being published for the first time in the October EPM included July 2004 data as well as year-to-date. EIA's efforts to develop these new data have identified anomalies in several States and the District of Columbia. Some of these anomalies are caused by issues such as: 1) Some respondents have classified themselves as outside the realm of the survey. The Form EIA-826 collects retail data from those respondents providing electricity and other services to the ultimate end users. EIA has experienced specific situations where, although the respondents' customers are the ultimate end users, particular end users qualify under wholesale rate schedules. 2) The Form EIA-826 is a cutoff sample and not intended to be a census.

Beginning with 2008 data and some annual 2007 data, the Form EIA-923 replaced Forms EIA-906, EIA-920, EIA-423, and FERC 423. In addition, several sections of the discontinued Form EIA-767 have been included in either the Form EIA-860 or Form EIA-923. See the following link for a detailed explanation. http://www.eia.gov/cneaf/electricity/2008forms/consolidate.html

The legislative authority to collect these data is defined in the Federal Energy Administration Act of 1974 (Public Law 93-275, Sec. 13(b), 5(a), 5(b), 52).

Data processing and data system editing: Monthly Form EIA-826 submission is available via an Internet Data Collection (IDC) system. The completed data are due to EIA by the last calendar day of the month following the reporting month. Nonrespondents are contacted to obtain the data. The data are edited and additional checks are completed. Following verification, imputation is run, and tables and text of the aggregated data are produced for inclusion in the EPM.

Imputation: Regression prediction, or imputation, is done for entities not in the monthly sample and for any nonrespondents. Regressor data for Schedule 1, Part A is the average monthly sales or revenue from the most recent finalized data from survey Form EIA-861. Beginning with January 2008 data and the finalized 2007 data, the regressor data for Schedule 1 Parts B and C is the prior month's data.

Formulas and methodologies: The Form EIA 826 data are collected by end-use sector (residential, commercial, industrial, and transportation) and State. Form EIA 861 data are used as the frame from which the sample is selected and in some instances also as regressor data. Updates are made to the frame to reflect mergers that affect data processing.

With the revised definitions for the commercial and industrial sectors to include all data previously reported as 'other' data except transportation, and a separate transportation sector, all responses that would formerly have been reported under the "other" sector are now to be reported under one of the sectors that currently exist. This means there is probably a lower correlation, in general, between, say, commercial Form EIA-826 data for 2004 and commercial Form EIA-861 data for 2003 than there was between commercial Form EIA-826 data for 2003 and commercial Form EIA-861 data for 2002 or earlier years, although commercial and industrial definitions have always been somewhat nebulous due to power companies not having complete information on all customers.

Data submitted for January 2004 represent the first time respondents were to provide data specifically for the transportation end-use sector.

During 2003 transportation data were collected annually through Form EIA-861. Beginning in 2004 the transportation data were collected on a monthly basis via Form EIA-826. In order to develop an estimate of the monthly transportation data for 2003, values for both retail sales of electricity to ultimate customers and revenue from retail sales of electricity to ultimate customers were estimated using the 2004 monthly profile for the sales and revenues from the data collected via Form EIA-826. All monthly non-transportation data for 2003 (i.e. street lighting, etc.), which were previously reported in the "other" end-use sector on the Form EIA-826 have been prorated into the Commercial and Industrial end-use sectors based on the 2003 Form EIA-861 profile.

A monthly distribution factor was developed for the monthly data collected in 2004 (for the months of January through November). The transportation sales and revenues for December 2004 were assumed to be equivalent to the transportation sales and revenues for November 2004. The monthly distribution factors for January through November were applied to the annual values for transportation sales and revenues collected via Form EIA-861 to develop corresponding 2003 monthly values. The eleven month estimated totals from January through November 2003 were subtracted from the annual values obtained from Form EIA-861 in order to obtain the December 2003 values.

Data from the Form EIA-826 are used to determine estimates by sector at the State, Census division, and national level. State level sales and revenues estimates are first calculated. Then the ratio of revenue divided by sales is calculated to estimate retail price of electricity at the State level. The estimates are accumulated separately to produce the Census division and U.S. level estimates[1].

Some electric utilities provide service in more than one State. To facilitate the estimation, the State service area is actually used as the sampling unit. For each State served by each utility, there is a utility State part, or "State service area." This approach allows for an explicit calculation of estimates for sales, revenue, and average retail price of electricity by end use sector at State, Census division, and national level. Estimation procedures include imputation to account for nonresponse. Non-sampling error must also be considered. The non-sampling error is not estimated directly, although attempts are made to minimize the non-sampling error.

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

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

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

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

Sensitive data: Most of the data collected on the Form EIA-826 are not considered business sensitive. However, revenue, sales, and customer data collected from energy service providers (Schedule 1, Part B), which do not also provide energy delivery, are considered business sensitive and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

Form EIA-860

The Form EIA 860, "Annual Electric Generator Report," is a mandatory annual census of all existing and planned electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts. The survey is used to collect data on existing power plants and 10 year plans for constructing new plants, as well as generating unit additions, modifications, and retirements in existing plants. Data on the survey are collected at the generator level. Certain power plant environmental-related data are collected at the boiler level. These data include environmental equipment design parameters, boiler air emission standards, and boiler emission controls The Form EIA-860 is made available in January to collect data related to the previous year.

Instrument and design history: The Form EIA-860 was originally implemented in January 1985 to collect data as of year-end 1984. It was preceded by several Federal Power Commission (FPC) forms including the FPC Form 4, Form 12 and 12E, Form 67, and Form EIA-411. In January 1999, the Form EIA-860 was renamed the Form EIA-860A, "Annual Electric Generator Report – Utility" and was implemented to collect data from electric utilities as of January 1, 1999.

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

Beginning with data collected for the year 2001, the infrastructure data collected on the Form EIA-860A and the Form EIA-860B were combined into the new Form EIA-860 and the monthly and annual versions of the Form EIA-906.

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

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

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

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

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

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

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

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

Form EIA-860M

The Form EIA 860M, "Monthly Update to the Annual Electric Generator Report," is a mandatory monthly survey that collects data on the status of proposed new generators or changes to existing generators for plants that report on Form EIA-860.

The Form EIA-860M has a rolling frame based upon planned changes to capacity as reported on the previous Form EIA-860. Respondents are added to the frame 12 months prior to the expected effective date for all new units or expected retirement date for existing units. For all other types of capacity changes (including retirements, uprates, derates, repowering, or other modifications), respondents are added 1 month prior to the anticipated modification change date. Respondents are removed from the frame at the completion of the changes or if the change date is moved back so that the plant no longer qualifies to be in the frame. Typically, 150 to 200 utilities per month are required to report for 175 to 250 plants (including 250 to 400 generating units) on this form. The unit characteristics of interest are changes to the previously reported planned operating month and year, prime mover type, capacity, and energy sources.

Instrument and design history: The data collected on Form EIA-860M was originally collected via phone calls at the end of each month. During 2005, the Form EIA-860M was introduced as a mandatory form using the Internet Data Collection (IDC) system.

The legislative authority to collect these data is defined in the Federal Energy Administration Act of 1974 (Public Law 93-275, Sec. 13(b), 5(a), 5(b), 52).

Data processing and data system editing: Approximately 150 to 200 utilities are requested to provide data each month on the Form EIA 860M. These data are collected via the IDC system and automatically checked for certain errors. Most of the quality assurance issues are addressed by the respondents as part of the automatic edit check process. In some cases, respondents are subsequently contacted about their explanatory overrides to the edit checks.

Sensitive data: Data collected on the Form EIA-860M are not considered to be sensitive.

Form EIA-861

The Form EIA 861, "Annual Electric Power Industry Report," is a mandatory census of electric power industry participants in the United States. The survey is used to collect information on power sales and revenue data from approximately 3,300 respondents. About 3,200 are electric utilities and the remainder are nontraditional utilities such as energy service providers or the unregulated subsidiaries of electric utilities and power marketers.

Instrument and design history: The Form EIA 861 was implemented in January 1985 for collection of data as of year end 1984. The Federal Energy Administration Act of 1974 (Public Law 93 275) defines the legislative authority to collect these data.

Data processing and data system editing: The Form EIA 861 is made available to the respondents in January of each year to collect data as of the end of the preceding calendar year. The data are edited when entered into the interactive on line system. Internal edit checks are per-formed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA 861 and similar data reported on the Form EIA 826. Respondents are telephoned to obtain clarification of reported data and to obtain missing data.

Data for the Form EIA 861 are collected at the owner level from all electric utilities including energy service providers in the United States, its territories, and Puerto Rico. Form EIA 861 data in this report are for the United States only.

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

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

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales, and does not equal the per kWh rate charged by the electric power industry participant to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric power industry participant for providing electrical service.

Sensitive data: Data collected on the Form EIA-861 are not considered to be sensitive.

Form EIA-923

Form EIA-923, "Power Plant Operations Report," is a monthly collection of data on receipts and cost of fossil fuels, fuel stocks, generation, consumption of fuel for generation, and environmental data (e.g. emission controls and cooling systems). Data are collected from a monthly sample of approximately 1,900 plants, which includes a census of nuclear and pumped-storage hydroelectric plants. In addition approximately 4,050 plants, representing all other generators 1 MW or greater, are collected annually. In addition to electric power generating plants, respondents include fuel storage terminals without

generating capacity that receive shipments of fossil fuels for eventual use in electric power generation. The monthly data are due by the last day of the month following the reporting period.

Receipts of fossil fuels, fuel cost and quality information, and fuel stocks at the end of the reporting period are all reported at the plant level. Plants that burn organic fuels and have a steam turbine capacity of at least 10 megawatts report consumption at the boiler level and generation at the generator level. For all other plants, consumption is reported at the prime-mover level. For these plants, generation is reported either at the prime-mover level or, for noncombustible sources (e.g. wind, nuclear), at the prime-mover and energy source level. The source and disposition of electricity is reported annually for nonutilities at the plant level as is revenue from sales for resale. Environmental data are collected annually from facilities that have a steam turbine capacity of at least 10 megawatts.

Instrument and design history:

Receipts and cost and quality of fossil fuels
On July 7, 1972, the Federal Power Commission (FPC) issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, legally creating the FPC Form 423. Originally, the form was used to collect data only on fossil steam plants, but was amended in 1974 to include data on internal-combustion and combustion-turbine units. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated peaking units, for which data were previously collected on the FPC Form 423. In addition, the generator nameplate capacity threshold was changed from 25 megawatts to 50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. All historical FPC Form 423 data in this publication were revised to reflect the new generator-nameplate- capacity threshold of 50 or more megawatts reported on the FERC Form 423. In January 1991, the collection of data on the FERC Form 423 was extended to include combined cycle units. Historical data have not been revised to include these units. Starting with the January 1993 data, the FERC began to collect the data directly from the respondents.

The Form EIA-423 was originally implemented in January 2002 to collect monthly cost and quality data for fossil fuel receipts from owners or operators of nonutility electricity generating plants. Due to the restructuring of the electric power industry, many plants which had historically submitted this information for utility plants on the FERC Form 423 (see above) were being transferred to the nonutility sector. As a result, a large percentage of fossil fuel receipts were no longer being reported. The Form EIA-423 was implemented to fill this void and to capture the data associated with existing non-regulated power producers. Its design closely followed that of the FERC Form 423.

Both the Form EIA-423 and FERC Form 423 were superseded by Schedule 2 of the Form EIA-923 in January of 2008. At the time, the Form EIA-923 maintained the 50-megawatt threshold for these data. In January 2013, the threshold was changed to 200 megawatts for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. The requirement to report self-produced and minor fuels, i.e., blast furnace gas, other manufactured gases, kerosene, jet fuel, propane, and waste oils was eliminated. The threshold for coal plants remained at 50 megawatts.

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

Generation, consumption, and stocks

The Bureau of Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 defined the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities14. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data15. In 2000, the form was modified to include the production of useful thermal output data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Forms EIA-906 and EIA-920 were superseded by survey Form EIA-923 beginning in January 2008 with the collection of annual 2007 data and monthly 2008 data.

Data processing and data system editing: Respondents are encouraged to enter data directly into a computerized database via the Internet Data Collection (IDC) system. A variety of automated quality control mechanisms are run during this process, such as range checks and comparisons with historical data. These edit checks are performed as the data are provided, and many problems that are encountered are resolved during the reporting process. Those plants that are unable to use the electronic reporting medium provide the data in hard copy, typically via fax. These data are manually entered into the computerized database. The data are subjected to the same edits as those that are electronically submitted.

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

Imputation: For select survey data elements collected monthly, regression prediction, or imputation, is done for missing data, including non-sampled units and any non-respondents. For data collected annually, imputation is performed for non-respondents. For gross generation and total fuel

consumption, multiple regression is used for imputation (see discussion, above). Only approximately 0.02 percent of the national total generation for 2010 is imputed, although this will vary by State and energy source.

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

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

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

Receipts of fossil fuels: Receipts data, including cost and quality of fuels, are collected at the plant level from selected electric generating plants and fossil-fuel storage terminals in the United States. These plants include independent power producers, electric utilities, and commercial and industrial combined heat and power producers. All plants with a total fossil-fueled nameplate capacity of 50 megawatts or more (excluding storage terminals, which do not produce electricity) were required to report receipts of fossil fuels. In January 2013, the threshold was changed to 200 megawatts for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. The requirement to report self-produced and minor fuels, i.e., blast furnace gas, other manufactured gases, kerosene, jet fuel, propane, and waste oils was eliminated. The threshold for coal plants remained at 50 megawatts. The data on cost and quality of fuel shipments are used to produce aggregates and weighted averages for each fuel type at the state, Census division, and U.S. levels.

For coal, units for receipts are in tons and units for average heat contents (A) are in million Btu per ton. For petroleum, units for receipts are in barrels and units for average heat contents (A) are in million Btu per barrel.

For gas, units for receipts are in thousand cubic feet (Mcf) and units for average heat contents (A) are in million Btu per thousand cubic foot.

Power production, fuel stocks, and fuel consumption data: The Bureau of Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 defined the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data. In 2000, the form was modified to include the production of useful thermal output data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93 275) defines the legislative authority to collect these data.

In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906.

In January 2008, Form EIA-923 superseded both the Forms EIA-906 and EIA-920 for the collection of these data.

Methodology to estimate biogenic and non-biogenic municipal solid waste[2]: Municipal solid waste (MSW) consumption for generation of electric power is split into its biogenic and non-biogenic components beginning with 2001 data by the following methodology:

The tonnage of MSW consumed is reported on the Form EIA-923. The composition of MSW and categorization of the components were obtained from the Environmental Protection Agency publication, *Municipal Solid Waste in the United States: 2005 Facts and Figures*. The Btu contents of the components of MSW were obtained from various sources.

The potential quantities of combustible MSW discards (which include all MSW material available for combustion with energy recovery, discards to landfill, and other disposal) were multiplied by their respective Btu contents. The EPA-based categories of MSW were then classified into renewable and non-renewable groupings. From this, EIA calculated how much of the energy potentially consumed from MSW was attributed to biogenic components and how much to non-biogenic components (see Tables 1 and 2, below). [3]

These values are used to allocate net generation published in the Electric Power Monthly generation tables. The tons of biogenic and non-biogenic components were estimated with the assumption that glass and metals were removed prior to combustion. The average Btu/ton for the biogenic and non-

biogenic components is estimated by dividing the total Btu consumption by the total tons. Published net generation attributed to biogenic MSW and non-biogenic MSW is classified under Other Renewables and Other, respectively.

Table 1. Btu consumption for biogenic and non-biogenic municipal solid waste (percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Biogenic	57	56	55	55	56	57	55	54	51	50
Non-biogenic	43	44	45	45	44	43	46	46	49	50

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

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

Useful thermal output: With the implementation of the Form EIA-923, "Power Plant Operations Report," in 2008, combined heat and power (CHP) plants are required to report total fuel consumed and electric power generation. Beginning with the January 2008 data, EIA will estimate the allocation of the total fuel consumed at CHP plants between electric power generation and useful thermal output.

First, an efficiency factor is determined for each plant and prime mover type. Based on data for electric power generation and useful thermal output collected in 2003 (on Form EIA-906, "Power Plant Report") efficiency was calculated for each prime mover type at a plant. The efficiency factor is the total output in Btu, including electric power and useful thermal output (UTO), divided by the total input in Btu. Electric power is converted to Btu at 3,412 Btu per kilowatthour.

Second, to calculate the amount of fuel for electric power, the gross generation in Btu is multiplied by the efficiency factor. The fuel for UTO is the difference between the total fuel reported and the fuel for electric power generation. UTO is calculated by multiplying the fuel for UTO by the efficiency factor.

In addition, if the total fuel reported is less than the estimated fuel for electric power generation, then the fuel for electric power generation is equal to the total fuel consumed, and the UTO will be zero.

Conversion of petroleum coke to liquid petroleum: The quantity conversion is 5 barrels (of 42 U.S. gallons each) per short ton (2,000 pounds).

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

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

Conversion of synthesis gas from petroleum coke to petroleum coke: The quantity conversion is 107.42 Mcf (thousand cubic feet) per short ton (2,000 pounds).

Issues within historical data series:

Receipts and cost and quality of fossil fuels
Values for receipts of natural gas for 2001 forward do not include blast furnace gas or other gas.

Historical data collected on FERC Form 423 and published by EIA have been reviewed for consistency between volumes and prices and for their consistency over time. However, these data were collected by FERC for regulatory rather than statistical and publication purposes. EIA did not attempt to resolve any late filing issues in the FERC Form 423 data. In 2003, EIA introduced a procedure to estimate for late or non-responding entities due to report on the FERC Form 423. Due to the introduction of this procedure, 2003 and later data cannot be directly compared to previous years' data. In January 2013, this estimation procedure was dropped.

Prior to 2008, regulated plants reported receipts data on the FERC Form 423. These plants, along with unregulated plants, now report receipts data on Schedule 2 of Form EIA-923. Because FERC issued waivers to the FERC Form 423 filing requirements to some plants who met certain criteria, and because not all types of generators were required to report (only steam turbines and combined-cycle units reported), a significant number of plants either did not submit fossil fuel receipts data or submitted only a portion of their fossil fuel receipts. Since Form EIA-923 does not have exemptions based on generator type or reporting waivers, receipts data from 2008 and later cannot be directly compared to previous years' data for the regulated sector. Furthermore, there may be a notable increase in fuel receipts beginning with January 2008 data.

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

Generation and consumption
Beginning in 2008, a new method of allocating fuel consumption between electric power generation and useful thermal output (UTO) was implemented. This new methodology evenly distributes a combined heat and power (CHP) plant's losses between the two output products (electric power and UTO). In the historical data, UTO was consistently assumed to be 80 percent efficient and all other losses at the plant were allocated to electric power. This change causes the fuel for electric power to be decreased while the fuel for UTO is increased as both are given the same efficiency. This results in the appearance of an increase in efficiency of production of electric power between periods.

Sensitive data: Most of the data collected on the Form EIA-923 are not considered business sensitive. However, the cost of fuel delivered to nonutilities, commodity cost of fossil fuels, and reported fuel stocks at the end of the reporting period are considered business sensitive and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

Average Capacity Factors

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

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

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

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

NERC classification

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

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

The new NERC Regional Council names are as follows:

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

Business classification

Nonutility power producers consist of corporations, persons, agencies, authorities, or other legal entities that own or operate facilities for electric generation but are not electric utilities. This includes qualifying cogenerators, small power producer, and independent power producers. Furthermore, nonutility power producers do not have a designated franchised service area. In addition to entities whose primary business is the production and sale of electric power, entities with other primary business classifications can and do sell electric power. These can consist of manufacturing, agricultural, forestry, transportation, finance, service and administrative industries, based on the Office of Management and Budget's Standard Industrial Classification (SIC) Manual. In 1997, the SIC Manual name was changed to North American Industry Classification System (NAICS). The following is a list of the main classifications and the category of primary business activity within each classification.

Agriculture, Forestry, and Fishing

111 Agriculture production-crops
112 Agriculture production, livestock and animal specialties
113 Forestry
114 Fishing, hunting, and trapping
115 Agricultural services

Mining

211 Oil and gas extraction
2121 Coal mining
2122 Metal mining

2123 Mining and quarrying of nonmetallic minerals except fuels

Construction

23

Manufacturing

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

Transportation and Public Utilities

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

Wholesale Trade

421 to 422

Retail Trade

441 to 454

Finance, Insurance, and Real Estate

521 to 533

Services

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

Public Administration

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[1] The basic technique employed is described in the paper "Model-Based Sampling and Inference," on the EIA website. Additional references can be found on the InterStat website (http://interstat.statjournals.net/). See the following sources: Knaub, J.R., Jr. (1999a), "Using Prediction-Oriented Software for Survey Estimation," InterStat, August 1999, http://interstat.statjournals.net/; Knaub, J.R. Jr. (1999b), "Model-Based Sampling, Inference and Imputation," EIA web site: http://www.eia.gov/cneaf/electricity/forms/eiawebme.pdf; Knaub, J.R., Jr. (2005), "Classical Ratio Estimator," InterStat, October 2005, http://interstat.statjournals.net/; Knaub, J.R., Jr. (2007a), "Cutoff Sampling and Inference," InterStat, April 2007, http://interstat.statjournals.net/; Knaub, J.R., Jr. (2008), "Cutoff Sampling." Definition in Encyclopedia of Survey Research Methods, Editor: Paul J. Lavrakas, Sage, to appear; Knaub, J.R., Jr. (2000), "Using Prediction-Oriented Software for Survey Estimation - Part II: Ratios of Totals," InterStat, June 2000, http://interstat.statjournals.net/; Knaub, J.R., Jr. (2001), "Using Prediction-Oriented Software for Survey Estimation - Part III: Full-Scale Study of Variance and Bias," InterStat, June 2001, http://interstat.statjournals.net/.

[2] See the following sources: Bahillo, A. et al. Journal of Energy Resources Technology, "NOx and N2O Emissions During Fluidized Bed Combustion of Leather Wastes." Volume 128, Issue 2, June 2006. pp. 99-103; U.S. Energy Information Administration. *Renewable Energy Annual 2004*. "Average Heat Content of Selected Biomass Fuels." Washington, DC, 2005; Penn State Agricultural College Agricultural and Biological Engineering and Council for Solid Waste Solutions. Garth, J. and Kowal, P. Resource Recovery, Turning Waste into Energy, University Park, PA, 1993; Utah State University Recycling Center Frequently Asked Questions. Published at http://www.usu.edu/recycle/faq.htm. Accessed December 2006.

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

Table C.1 Average Heat Content of Fossil-Fuel Receipts, August 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	23.10	6.33	--	1.03
Connecticut	--	5.82	--	1.03
Maine	24.87	6.17	--	1.04
Massachusetts	22.73	5.83	--	1.03
New Hampshire	26.30	6.40	--	1.03
Rhode Island	--	--	--	1.03
Vermont	--	--	--	--
Middle Atlantic	23.53	6.19	--	1.03
New Jersey	25.31	5.82	--	1.03
New York	21.70	6.23	--	1.03
Pennsylvania	23.63	5.81	--	1.04
East North Central	20.17	5.78	28.56	1.04
Illinois	17.71	5.80	--	1.02
Indiana	22.15	5.75	29.70	1.05
Michigan	18.79	5.82	27.60	1.02
Ohio	23.99	5.77	28.31	1.04
Wisconsin	18.47	5.81	27.95	1.04
West North Central	16.70	5.76	--	1.04
Iowa	17.29	5.71	--	1.06
Kansas	17.43	5.76	--	1.03
Minnesota	17.66	5.78	--	1.06
Missouri	17.76	5.77	--	1.02
Nebraska	16.92	--	--	1.04
North Dakota	13.04	5.75	--	0.97
South Dakota	16.77	--	--	1.06
South Atlantic	23.60	5.87	28.75	1.03
Delaware	25.99	--	--	1.06
District of Columbia	--	--	--	--
Florida	23.62	5.81	29.21	1.02
Georgia	20.43	6.01	27.69	1.02
Maryland	25.16	5.79	--	1.04
North Carolina	24.70	5.84	--	1.02
South Carolina	25.05	6.05	--	1.03
Virginia	23.09	5.88	--	1.03
West Virginia	24.56	5.81	--	1.04
East South Central	21.40	5.78	28.47	1.03
Alabama	20.76	5.62	--	1.03
Kentucky	22.85	5.81	28.47	1.03
Mississippi	16.57	--	--	1.03
Tennessee	21.45	5.76	--	1.01
West South Central	15.91	5.88	28.49	1.03
Arkansas	17.66	5.80	--	1.04
Louisiana	16.32	5.89	28.49	1.03
Oklahoma	17.27	--	--	1.04
Texas	15.31	5.85	--	1.03
Mountain	18.91	5.74	--	1.04
Arizona	19.34	5.63	--	1.03
Colorado	19.46	--	--	1.05
Idaho	--	--	--	1.01
Montana	16.85	5.92	--	--
Nevada	20.56	5.83	--	1.04
New Mexico	17.97	5.66	--	1.05
Utah	22.29	5.85	--	1.04
Wyoming	17.54	5.81	--	1.04
Pacific Contiguous	18.03	6.00	--	1.03
California	23.53	--	--	1.03
Oregon	17.25	--	--	1.04
Washington	17.30	6.00	--	1.05
Pacific Noncontiguous	20.16	6.15	--	1.00
Alaska	--	--	--	1.00
Hawaii	20.16	6.15	--	--
U.S. Total	19.47	6.08	28.53	1.03

'Coal' includes anthracite, bituminous, subbituminous, lignite, waste coal, synthetic coal, and coal-derived synthesis gas.
'Petroleum Liquids' include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
'Petroleum Coke' includes petroleum coke and synthesis gas derived from petroleum coke.
'Natural Gas' includes a small amount of supplemental gaseous fuels.
Notes: See Glossary for definitions. Values are preliminary. Data represents weighted values.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table C.2. Comparison of Preliminary Monthly Data Versus Final Monthly Data at the U.S. Level, 2010 through 2012

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

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.
Hydroelectric includes conventional hydroelectric and hydroelectric pumped storage facilities.
Other generation includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.
Fuel Stocks are end-of-month values.
See technical notes (http://www.eia.gov/cneaf/electricity/epm/appenc.pdf) for additional information on the Commercial, Industrial and Transportation sectors.
Cost of Fossil Fuels represent weighted values.
Notes: Mean absolute value of percent change is the unweighted average of the absolute percent cahnges.
Sources: U.S. Energy Information Administration, Form EIA-923 'Power Plant Operations Report'; Form EIA-423, 'Monthly Cost and Quality of Fuels for Electric Plants Report'; Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report'; Form EIA-906, 'Power Plant Report;' Form EIA-920 'Combined Heat and Power Plant Report'; and Federal Energy Regulatory Commission, FERC Form 423, 'Monthly Report of Cost and Quality of Fuels for Electric Plants.'

Table C.3. Comparison of Preliminary Annual Data Versus Final Annual Data at the U.S. Level, 2010 through 2012

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

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.
Hydroelectric includes conventional hydroelectric and hydroelectric pumped storage facilities.
Other generation includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.
Fuel Stocks are end-of-year values.
See technical notes (http://www.eia.gov/cneaf/electricity/epm/appenc.pdf) for additional information on the Commercial, Industrial and Transportation sectors.
Cost of Fossil Fuels represent weighted values.
Notes: The average revenue per kilowatthour is calculated by dividing revenue by sales. Totals may not equal sum of components because of independent rounding.
Percent changes refer to the difference between the preliminary data published in the Electric Power Monthly (EPM) and the final data published in the EPM. Values for 2012 are Final.
Sources: U.S. Energy Information Administration, Form EIA-923 'Power Plant Operations Report'; Form EIA-423, 'Monthly Cost and Quality of Fuels for Electric Plants Report';
Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report'; Form EIA-906, 'Power Plant Report;' Form EIA-920 'Combined Heat and Power Plant Report';
and Federal Energy Regulatory Commission, FERC Form 423, 'Monthly Report of Cost and Quality of Fuels for Electric Plants.'

Table C.4. Unit of Measure Equivalents for Electricity

Unit	Equivalent
Kilowatt (kW)	1,000 (One Thousand) Watts
Megawatt (MW)	1,000,000 (One Million) Watts
Gigawatt (GW)	1,000,000,000 (One Billion) Watts
Terawatt (TW)	1,000,000,000,000 (One Trillion) Watts
Gigawatt	1,000,000 (One Million) Kilowatts
Thousand Gigawatts	1,000,000,000 (One Billion) Kilowatts
Kilowatthours (kWh)	1,000 (One Thousand) Watthours
Megawatthours (MWh)	1,000,000 (One Million) Watthours
Gigawatthours (GWh)	1,000,000,000 (One Billion) Watthours
Terawatthours (TWh)	1,000,000,000,000 (One Trillion) Watthours
Gigawatthours	1,000,000 (One Million) Kilowatthours
Thousand Gigawatthours	1,000,000,000(One Billion Kilowatthours

Source: U.S. Energy Information Administration

Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Geothermal: Pertaining to heat within the Earth.

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

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

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

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

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

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

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

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

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

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

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

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

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

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

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

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

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

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

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

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts of electricity.

Megawatthour (MWh): One million watthours.

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

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

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

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

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

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

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

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

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

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

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

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

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

Other generation: Electricity originating from these sources: manufactured, supplemental gaseous fuel, propane, and waste gasses, excluding natural gas; biomass; geothermal; wind; solar thermal; photovoltaic; synthetic fuel; purchased steam; and waste oil energy sources.

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

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

Petroleum coke: See Coke (petroleum).

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

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

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

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

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

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

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

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

Receipts: Purchases of fuel.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Terrawatt: One trillion watts.

Terrawatthour: One trillion kilowatthours.

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

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

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

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

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

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

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

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

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

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

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