Independent Statistics & Analysis
U.S. Energy Information Administration

Electric Power Monthly

with Data for March 2015

May 2015

Independent Statistics & Analysis
www.eia.gov

U.S. Department of Energy
Washington, DC 20585

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Preface

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

Background

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

Data sources

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

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	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Net Generation (Thousand Megawatthours)											
Coal	108,642	136,781	-20.6%	82,595	101,101	24,966	34,439	66	82	1,015	1,159
Petroleum Liquids	1,082	2,083	-48.1%	702	1,059	306	917	12	NM	62	74
Petroleum Coke	734	1,215	-39.6%	502	953	143	130	1	1	89	131
Natural Gas	98,889	77,950	26.9%	43,729	33,165	47,919	36,867	605	582	6,635	7,336
Other Gas	951	847	12.3%	20	7	380	258	0	0	551	582
Nuclear	64,547	62,397	3.4%	33,328	32,612	31,218	29,785	0	0	0	0
Hydroelectric Conventional	24,696	24,219	2.0%	22,434	22,169	2,007	1,833	NM	NM	252	212
Renewable Sources Excluding Hydroelectric	24,106	26,005	-7.3%	3,190	3,381	18,285	19,873	281	267	2,351	2,484
... Wind	15,361	17,753	-13.5%	2,609	2,804	12,734	14,937	12	8	NM	NM
... Solar Thermal and Photovoltaic	2,221	1,412	57.3%	143	107	2,030	1,266	46	37	2	2
... Wood and Wood-Derived Fuels	3,437	3,637	-5.5%	235	255	965	1,009	NM	7	2,232	2,366
... Other Biomass	1,641	1,802	-8.9%	111	118	1,200	1,357	219	215	111	112
... Geothermal	1,447	1,400	3.3%	91	97	1,356	1,303	0	0	0	0
Hydroelectric Pumped Storage	-358	-421	-15.1%	-266	-355	-92	-66	0	0	0	0
Other Energy Sources	959	1,036	-7.4%	20	41	497	587	95	96	347	312
All Energy Sources	324,248	332,111	-2.4%	186,254	194,132	125,629	124,624	1,064	1,066	11,302	12,290
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	58,445	72,234	-19.1%	44,011	52,897	14,026	18,876	25	27	384	435
Petroleum Liquids (1000 barrels)	1,834	3,602	-49.1%	1,270	1,931	469	1,519	30	77	65	74
Petroleum Coke (1000 tons)	279	431	-35.3%	196	332	61	57	0	0	23	42
Natural Gas (1000 Mcf)	740,011	589,375	25.6%	335,198	256,913	352,615	274,764	5,328	5,253	46,870	52,446
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,521	1,760	-13.6%	0	0	170	243	92	113	1,259	1,403
Petroleum Liquids (1000 barrels)	313	491	-36.2%	0	0	90	109	46	132	178	251
Petroleum Coke (1000 tons)	121	113	7.4%	0	0	8	8	2	2	111	103
Natural Gas (1000 Mcf)	81,551	75,879	7.5%	0	0	28,867	27,211	4,724	3,919	47,960	44,750
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	59,966	73,994	-19.0%	44,011	52,897	14,196	19,119	117	140	1,643	1,838
Petroleum Liquids (1000 barrels)	2,148	4,093	-47.5%	1,270	1,931	559	1,628	76	209	243	325
Petroleum Coke (1000 tons)	400	544	-26.5%	196	332	69	65	2	2	133	144
Natural Gas (1000 Mcf)	821,562	665,254	23.5%	335,198	256,913	381,482	301,974	10,052	9,171	94,830	97,196
Fuel Stocks (end-of-month)											
Coal (1000 tons)	158,197	120,505	31.3%	121,759	95,065	33,805	23,241	268	314	2,365	1,886
Petroleum Liquids (1000 barrels)	30,504	30,516	0.0%	19,969	20,831	8,371	7,506	344	406	1,820	1,771
Petroleum Coke (1000 tons)	988	601	64.6%	W	W	W	W	W	W	W	W

Sales, Revenue, and Average Retail Price for March									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	March 2015	March 2014	Percentage Change	March 2015	March 2014	Percentage Change	March 2015	March 2014	Percentage Change
Residential	116,698	113,968	2.4%	14,409	13,952	3.3%	12.35	12.24	0.9%
Commercial	107,999	107,173	0.8%	11,425	11,423	0.0%	10.58	10.66	-0.8%
Industrial	76,733	77,474	-1.0%	5,206	5,391	-3.4%	6.79	6.96	-2.4%
Transportation	678	649	4.4%	70	67	4.3%	10.26	10.28	-0.2%
All Sectors	302,108	299,264	1.0%	31,110	30,833	0.9%	10.30	10.30	0.0%

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

Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2015 and 2014

Net Generation and Consumption of Fuels for January through March											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
Net Generation (Thousand Megawatthours)											
Coal	368,470	437,735	-15.8%	277,448	326,806	87,836	107,193	196	275	2,989	3,461
Petroleum Liquids	8,272	9,990	-17.2%	3,923	4,676	3,996	4,885	NM	168	222	261
Petroleum Coke	2,889	3,337	-13.4%	2,175	2,608	404	364	3	2	307	363
Natural Gas	291,231	244,325	19.2%	128,026	103,427	140,666	117,372	1,742	1,799	20,797	21,727
Other Gas	3,057	2,550	19.9%	65	26	1,111	828	0	0	1,882	1,697
Nuclear	202,279	198,100	2.1%	106,183	104,297	96,096	93,803	0	0	0	0
Hydroelectric Conventional	71,745	63,304	13.3%	65,625	57,035	5,371	5,437	NM	NM	739	821
Renewable Sources Excluding Hydroelectric	70,384	72,665	-3.1%	9,202	9,498	53,247	55,147	783	752	7,152	7,267
... Wind	45,583	49,746	-8.4%	7,508	7,888	38,027	41,823	32	23	15	12
... Solar Thermal and Photovoltaic	5,028	3,125	60.9%	316	243	4,603	2,795	104	82	5	NM
... Wood and Wood-Derived Fuels	10,568	10,665	-0.9%	762	751	2,975	2,975	19	17	6,812	6,922
... Other Biomass	4,981	5,038	-1.1%	347	336	3,686	3,742	628	630	320	330
... Geothermal	4,224	4,092	3.2%	269	279	3,955	3,812	0	0	0	0
Hydroelectric Pumped Storage	-1,302	-1,156	12.6%	-1,049	-934	-253	-223	0	0	0	0
Other Energy Sources	2,938	2,922	0.6%	103	89	1,542	1,597	273	269	1,021	968
All Energy Sources	1,019,962	1,033,771	-1.3%	591,701	607,527	390,015	386,404	3,139	3,276	35,108	36,565
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	197,145	232,086	-15.1%	146,719	171,396	49,221	59,306	78	88	1,127	1,297
Petroleum Liquids (1000 barrels)	14,077	17,370	-19.0%	7,114	8,571	6,399	8,152	321	387	242	261
Petroleum Coke (1000 tons)	1,070	1,241	-13.8%	813	957	174	169	1	1	82	115
Natural Gas (1000 Mcf)	2,159,190	1,859,906	16.1%	970,181	814,459	1,026,310	873,528	15,369	16,169	147,330	155,750
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	4,491	5,081	-11.6%	0	0	512	630	286	344	3,693	4,107
Petroleum Liquids (1000 barrels)	1,888	2,090	-9.7%	0	0	395	399	529	635	964	1,056
Petroleum Coke (1000 tons)	374	334	11.9%	0	0	27	24	6	5	341	306
Natural Gas (1000 Mcf)	233,747	229,279	1.9%	0	0	82,624	82,899	14,122	13,006	137,001	133,374
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	201,636	237,167	-15.0%	146,719	171,396	49,733	59,937	363	431	4,821	5,403
Petroleum Liquids (1000 barrels)	15,965	19,461	-18.0%	7,114	8,571	6,794	8,552	850	1,022	1,206	1,317
Petroleum Coke (1000 tons)	1,444	1,575	-8.4%	813	957	201	192	7	5	423	421
Natural Gas (1000 Mcf)	2,392,937	2,089,184	14.5%	970,181	814,459	1,108,934	956,427	29,491	29,175	284,331	289,124

Sales, Revenue, and Average Retail Price for January through March									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	Percentage Change
Residential	377,437	388,336	-2.8%	46,195	46,263	-0.1%	12.24	11.91	2.8%
Commercial	324,787	325,911	-0.3%	34,085	34,392	-0.9%	10.49	10.55	-0.6%
Industrial	227,789	227,000	0.3%	15,399	15,867	-3.0%	6.76	6.99	-3.3%
Transportation	2,005	2,084	-3.7%	213	214	-0.5%	10.60	10.25	3.4%
All Sectors	932,018	943,330	-1.2%	95,892	96,735	-0.9%	10.29	10.25	0.4%

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

Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2015 and 2014

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal (1000 tons)	62,520	69,853	43.95	46.61	317	335	195,847	199,073	43.91	45.27
Petroleum Liquids (1000 barrels)	2,608	2,507	W	132.70	203	224	8,117	11,292	76.37	131.50
Petroleum Coke (1000 tons)	338	457	57.09	56.64	11	11	1,160	1,163	55.50	55.10
Natural Gas (1000 Mcf)	728,542	590,661	3.66	6.15	723	708	2,126,212	1,854,314	4.22	6.99

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal (1000 tons)	47,654	49,867	44.08	47.17	223	231	146,489	141,734	44.39	45.92
Petroleum Liquids (1000 barrels)	1,675	1,475	73.97	131.41	134	134	4,558	5,537	72.61	131.01
Petroleum Coke (1000 tons)	283	396	54.67	54.97	8	8	987	1,017	53.28	54.33
Natural Gas (1000 Mcf)	315,745	252,175	3.89	6.06	372	364	922,114	795,854	4.31	6.50

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal (1000 tons)	14,079	19,151	42.30	44.21	70	80	47,176	55,010	41.47	42.69
Petroleum Liquids (1000 barrels)	671	1,013	80.35	134.67	58	79	3,203	5,642	81.25	132.16
Petroleum Coke (1000 tons)	34	41	W	W	1	1	105	112	69.30	W
Natural Gas (1000 Mcf)	354,887	277,149	3.51	6.53	304	302	1,034,931	879,601	4.31	7.96

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal (1000 tons)	8	20	W	W	2	2	30	55	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)	424	349	W	W	2	2	1,283	1,042	W	W

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal (1000 tons)	778	816	W	W	22	22	2,151	2,274	W	W
Petroleum Liquids (1000 barrels)	262	19	W	130.19	11	11	356	113	84.09	123.74
Petroleum Coke (1000 tons)	21	21	W	W	2	2	67	34	W	W
Natural Gas (1000 Mcf)	57,486	60,988	W	W	45	40	167,883	177,817	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, 2015 and 2014

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal	1,218,280	1,374,906	2.25	2.37	317	335	3,793,583	3,865,172	2.27	2.33
Petroleum Liquids	15,791	15,155	W	21.94	203	224	49,230	68,092	12.58	21.78
Petroleum Coke	9,506	12,939	2.03	2.00	11	11	32,891	32,915	1.96	1.94
Natural Gas	752,489	606,222	3.54	6.00	723	708	2,195,561	1,902,842	4.09	6.82
Fossil Fuels	1,996,067	2,009,222	W	3.53	932	934	6,071,265	5,869,023	2.96	3.91

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal	932,468	989,078	2.25	2.38	223	231	2,860,051	2,780,065	2.27	2.34
Petroleum Liquids	10,204	9,000	12.14	21.54	134	134	27,773	33,444	11.91	21.69
Petroleum Coke	7,949	11,235	1.95	1.94	8	8	28,076	28,870	1.87	1.91
Natural Gas	325,884	257,997	3.77	5.92	372	364	951,076	814,482	4.18	6.36
Fossil Fuels	1,276,506	1,267,310	2.71	3.22	516	517	3,866,975	3,656,862	2.81	3.40

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal	267,887	366,874	2.22	2.31	70	80	883,732	1,032,423	2.21	2.27
Petroleum Liquids	3,980	6,040	13.49	22.58	58	79	19,286	33,951	13.47	21.92
Petroleum Coke	956	1,127	W	W	1	1	2,945	3,088	2.47	W
Natural Gas	366,764	284,981	3.40	6.35	304	302	1,069,681	903,923	4.17	7.74
Fossil Fuels	639,587	659,021	W	W	365	370	1,975,644	1,973,385	W	W

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal	177	452	W	W	2	2	695	1,259	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	430	354	W	W	2	2	1,302	1,054	W	W
Fossil Fuels	607	806	W	W	2	2	1,997	2,314	W	W

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
Coal	17,748	18,501	W	W	22	22	49,105	51,424	W	W
Petroleum Liquids	1,607	115	W	21.18	11	11	2,171	698	13.77	20.06
Petroleum Coke	601	577	W	W	2	2	1,870	957	W	W
Natural Gas	59,412	62,891	W	W	45	40	173,502	183,383	W	W
Fossil Fuels	79,367	82,084	W	W	49	45	226,649	236,462	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), 2005-March 2015
(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											
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	1,581,115	13,820	13,344	1,124,836	12,853	789,016	268,565	253,508	-4,681	13,588	4,065,964
2014	1,585,697	18,708	11,781	1,121,928	11,578	797,067	258,749	281,060	-6,209	12,576	4,092,935
Year 2013											
January	138,105	1,733	1,042	88,559	1,144	71,406	24,829	21,518	-465	1,098	348,967
February	123,547	1,130	867	80,283	968	61,483	20,418	20,330	-320	1,020	309,728
March	130,634	990	1,007	84,725	1,070	62,947	20,534	22,810	-462	1,143	325,399
April	111,835	995	891	78,036	1,020	56,767	25,097	23,961	-292	1,024	299,333
May	119,513	1,067	1,345	83,816	1,088	62,848	28,450	23,254	-334	1,110	322,156
June	138,283	1,035	1,307	99,615	1,048	66,430	27,384	20,954	-358	1,125	356,823
July	152,867	1,458	1,354	120,771	1,148	70,539	27,255	18,593	-340	1,201	394,846
August	149,426	1,076	1,372	121,156	1,143	71,344	21,633	17,382	-465	1,217	385,286
Sept	133,110	964	1,222	102,063	1,087	65,799	16,961	18,991	-439	1,182	340,941
October	120,996	945	1,074	88,587	1,072	63,184	17,199	21,058	-373	1,185	314,925
November	120,940	989	850	84,287	1,060	64,975	17,677	23,030	-413	1,143	314,540
December	141,860	1,438	1,013	92,936	1,006	71,294	21,128	21,626	-421	1,141	353,021
Year 2014											
January	157,316	6,041	1,181	90,926	943	73,064	21,636	25,705	-290	1,009	377,531
February	143,638	1,866	941	75,449	760	62,639	17,449	20,955	-445	877	324,128
March	136,781	2,083	1,215	77,950	847	62,397	24,219	26,005	-421	1,036	332,111
April	109,591	910	811	76,728	784	56,385	25,053	26,776	-378	993	297,653
May	119,033	976	1,056	88,514	936	62,947	26,406	23,994	-636	1,071	324,299
June	138,060	921	1,113	98,441	962	68,138	25,814	24,526	-653	1,069	358,392
July	150,007	1,024	1,028	114,582	1,069	71,940	24,260	21,059	-545	1,108	385,533
August	148,882	1,065	1,009	121,849	1,064	71,129	19,757	19,141	-840	1,136	384,192
Sept	126,484	963	951	106,295	1,104	67,535	15,933	19,994	-542	1,070	339,788
October	111,838	923	580	97,125	1,034	62,391	17,088	22,969	-448	1,059	314,560
November	119,351	988	753	83,990	1,012	65,140	18,712	27,228	-531	1,045	317,689
December	124,715	948	1,143	90,077	1,061	73,363	22,420	22,708	-480	1,103	337,059
Year 2015											
January	132,742	1,953	1,039	101,330	1,086	74,270	24,459	23,448	-528	1,063	360,863
February	127,087	5,237	1,115	91,013	1,020	63,462	22,590	22,830	-416	915	334,851
March	108,642	1,082	734	98,889	951	64,547	24,696	24,106	-358	959	324,248
Year to Date											
2013	392,285	3,853	2,916	253,567	3,182	195,837	65,781	64,659	-1,247	3,261	984,094
2014	437,735	9,990	3,337	244,325	2,550	198,100	63,304	72,665	-1,156	2,922	1,033,771
2015	368,470	8,272	2,889	291,231	3,057	202,279	71,745	70,384	-1,302	2,938	1,019,962
Rolling 12 Months Ending in March											
2014	1,626,564	19,956	13,765	1,115,593	12,222	791,280	266,088	261,514	-4,591	13,249	4,115,641
2015	1,516,432	16,990	11,333	1,168,834	12,085	801,246	267,189	278,779	-6,354	12,592	4,079,126

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 2013 and prior years are final. Values for 2014 and 2015 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), 2005-March 2015
(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										
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	167,840	8,121	915	40,028	10,658	7,186	2,986	15,775	268,565	522,073
2014	181,791	15,874	2,447	43,050	10,966	7,388	2,915	16,628	258,749	539,809
Year 2013										
January	14,739	299	11	3,400	870	579	239	1,382	24,829	46,347
February	14,076	387	45	3,083	782	507	213	1,236	20,418	40,749
March	15,756	547	72	3,300	917	601	240	1,378	20,534	43,345
April	17,476	573	93	2,863	848	576	256	1,274	25,097	49,058
May	16,239	649	104	3,174	923	620	238	1,308	28,450	51,704
June	13,748	749	122	3,330	890	617	221	1,278	27,384	48,338
July	11,094	743	85	3,536	911	640	246	1,337	27,255	45,847
August	9,634	845	99	3,634	962	628	258	1,322	21,633	39,015
Sept	11,674	874	75	3,353	884	597	235	1,299	16,961	35,952
October	13,635	875	112	3,341	863	606	262	1,363	17,199	38,256
November	15,803	775	49	3,407	888	594	283	1,230	17,677	40,707
December	13,967	804	46	3,606	920	621	296	1,366	21,128	42,754
Year 2014										
January	18,017	762	54	3,701	895	584	273	1,419	21,636	47,341
February	13,976	813	83	3,327	766	499	218	1,272	17,449	38,404
March	17,753	1,230	182	3,637	936	626	240	1,400	24,219	50,224
April	18,731	1,406	227	3,251	927	614	242	1,378	25,053	51,829
May	15,519	1,583	293	3,418	920	634	228	1,401	26,406	50,400
June	15,688	1,689	347	3,675	920	623	224	1,360	25,814	50,340
July	12,105	1,581	263	3,838	976	664	247	1,384	24,260	45,319
August	10,197	1,652	262	3,784	967	665	232	1,382	19,757	38,898
Sept	11,479	1,613	259	3,525	908	622	221	1,368	15,933	35,927
October	14,575	1,446	233	3,508	918	616	274	1,397	17,088	40,057
November	19,055	1,209	148	3,594	912	624	262	1,424	18,712	45,940
December	14,696	890	95	3,793	921	617	254	1,443	22,420	45,129
Year 2015										
January	15,258	1,114	59	3,752	935	609	274	1,448	24,459	47,907
February	14,964	1,470	163	3,379	777	512	233	1,330	22,590	45,419
March	15,361	1,934	287	3,437	841	549	251	1,447	24,696	48,802
Year to Date										
2013	44,570	1,233	129	9,783	2,569	1,687	692	3,996	65,781	130,440
2014	49,746	2,805	319	10,665	2,597	1,709	732	4,092	63,304	135,969
2015	45,583	4,518	510	10,568	2,553	1,670	759	4,224	71,745	142,128
Rolling 12-Month Ending in March										
2014	173,016	9,693	1,105	40,910	10,686	7,208	3,026	15,870	266,088	527,602
2015	177,628	17,587	2,638	42,952	10,922	7,349	2,942	16,761	267,189	545,969

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 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms..
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Table 1.2. Net Generation by Energy Source: Electric Utilities, 2005-March 2015
(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											
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	1,188,452	9,446	9,522	501,427	798	406,114	243,040	32,417	-3,773	615	2,388,058
2014	1,199,986	11,133	9,059	477,417	92	419,773	234,788	34,359	-5,179	472	2,381,901
Year 2013											
January	103,536	1,018	700	39,880	71	36,748	22,563	2,966	-404	45	207,123
February	91,384	723	616	36,248	63	31,144	18,316	2,704	-270	47	180,975
March	97,675	755	687	37,661	59	31,426	18,349	2,846	-382	54	189,129
April	84,352	744	574	33,545	38	28,991	22,654	3,053	-232	42	173,761
May	90,053	785	1,035	36,891	61	32,977	25,924	2,836	-260	52	190,354
June	104,679	751	966	45,152	68	34,504	24,686	2,446	-261	43	213,033
July	114,402	950	976	52,966	66	36,733	24,705	2,245	-238	62	232,867
August	113,917	794	952	55,077	76	37,177	19,864	2,057	-417	60	229,557
Sept	99,056	664	905	45,845	75	34,459	15,422	2,591	-347	49	198,719
October	91,694	699	759	39,850	61	31,605	15,619	2,682	-307	51	182,713
November	92,146	731	609	36,703	78	32,939	15,975	3,085	-331	56	181,991
December	105,558	832	743	41,610	81	37,412	18,964	2,907	-326	55	207,837
Year 2014											
January	118,756	2,540	949	39,048	12	38,748	19,221	3,380	-218	30	222,467
February	106,949	1,077	706	31,214	7	32,937	15,644	2,736	-361	18	190,928
March	101,101	1,059	953	33,165	7	32,612	22,169	3,381	-355	41	194,132
April	80,172	715	572	32,854	18	30,312	22,652	3,394	-301	37	170,426
May	90,887	743	825	40,037	10	33,760	23,871	2,758	-541	42	192,393
June	106,951	672	885	42,573	3	35,898	23,625	2,762	-557	49	212,861
July	115,276	747	782	48,294	4	38,031	22,294	2,384	-445	52	227,419
August	114,968	759	770	52,289	4	37,182	17,991	2,017	-740	43	225,282
Sept	96,050	760	712	44,127	3	35,296	14,524	2,342	-461	40	193,394
October	84,811	681	456	40,176	3	32,017	15,434	2,914	-351	31	176,172
November	88,975	683	572	35,311	7	34,552	17,102	3,526	-441	45	180,332
December	95,090	698	879	38,330	13	38,428	20,259	2,764	-409	43	196,094
Year 2015											
January	99,479	1,170	804	43,606	24	39,377	22,308	3,092	-436	43	209,464
February	95,374	2,051	869	40,691	22	33,478	20,883	2,921	-347	40	195,982
March	82,595	702	502	43,729	20	33,328	22,434	3,190	-266	20	186,254
Year to Date											
2013	292,595	2,496	2,003	113,788	193	99,318	59,228	8,517	-1,056	145	577,227
2014	326,806	4,676	2,608	103,427	26	104,297	57,035	9,498	-934	89	607,527
2015	277,448	3,923	2,175	128,026	65	106,183	65,625	9,202	-1,049	103	591,701
Rolling 12 Months Ending in March											
2014	1,222,663	11,626	10,127	491,066	631	411,094	240,847	33,398	-3,651	559	2,418,358
2015	1,150,629	10,380	8,626	502,016	131	421,658	243,378	34,064	-5,294	485	2,366,075

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
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Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2005-March 2015
(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											
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	379,270	3,761	1,780	527,522	3,524	382,902	22,018	189,045	-908	6,742	1,515,657
2014	371,882	6,732	1,408	551,976	3,852	377,295	21,221	213,991	-1,030	6,740	1,554,067
Year 2013											
January	33,416	635	149	40,509	313	34,658	1,938	15,836	-61	545	127,938
February	31,100	346	132	36,722	261	30,340	1,736	15,140	-50	497	116,224
March	31,794	187	151	39,104	259	31,522	1,878	17,310	-80	574	122,699
April	26,434	206	144	37,081	284	27,776	2,189	18,463	-60	528	113,045
May	28,327	228	101	39,353	306	29,871	2,194	17,795	-74	574	118,674
June	32,481	241	141	46,520	280	31,926	2,365	15,810	-97	586	130,253
July	37,252	460	167	58,993	315	33,807	2,224	13,523	-103	605	147,241
August	34,371	239	211	57,526	300	34,167	1,525	12,505	-47	587	141,386
Sept	32,990	262	141	48,349	298	31,340	1,297	13,773	-92	561	128,919
October	28,248	202	149	41,022	343	31,578	1,339	15,695	-66	558	119,069
November	27,712	212	144	39,663	289	32,037	1,494	17,275	-82	554	119,297
December	35,144	544	151	42,679	274	33,881	1,839	15,919	-95	574	130,911
Year 2014											
January	37,261	3,280	110	43,590	318	34,316	2,056	19,544	-72	538	140,941
February	35,493	689	123	36,915	252	29,702	1,547	15,730	-84	472	120,838
March	34,439	917	130	36,867	258	29,785	1,833	19,873	-66	587	124,624
April	28,382	163	142	36,595	232	26,072	2,209	20,694	-77	528	114,941
May	27,050	192	126	41,279	352	29,187	2,327	18,500	-95	575	119,493
June	29,909	199	107	48,415	320	32,240	1,983	18,999	-96	570	132,647
July	33,485	233	127	58,202	335	33,909	1,783	15,758	-100	594	144,326
August	32,728	249	121	61,449	358	33,946	1,552	14,299	-101	597	145,198
Sept	29,301	157	144	54,485	363	32,238	1,213	15,009	-81	557	133,385
October	25,997	205	51	49,653	375	30,374	1,424	17,413	-97	569	125,963
November	29,323	245	88	40,990	337	30,589	1,374	21,050	-90	578	124,483
December	28,515	203	139	43,535	352	34,935	1,919	17,122	-71	576	127,227
Year 2015											
January	32,201	682	129	49,491	350	34,893	1,881	17,545	-92	566	137,647
February	30,669	3,008	133	43,256	381	29,984	1,483	17,417	-69	479	126,739
March	24,966	306	143	47,919	380	31,218	2,007	18,285	-92	497	125,629
Year to Date											
2013	96,310	1,167	432	116,336	834	96,519	5,552	48,286	-191	1,616	366,861
2014	107,193	4,885	364	117,372	828	93,803	5,437	55,147	-223	1,597	386,404
2015	87,836	3,996	404	140,666	1,111	96,096	5,371	53,247	-253	1,542	390,015
Rolling 12 Months Ending in March											
2014	390,153	7,479	1,712	528,558	3,518	380,186	21,903	195,906	-939	6,722	1,535,200
2015	352,525	5,842	1,448	575,270	4,135	379,588	21,155	212,091	-1,061	6,686	1,557,679

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 1.4. Net Generation by Energy Source: Commerical Sector, 2005-March 2015
(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											
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	839	118	5	7,154	0	0	44	2,956	0	1,118	12,234
2014	750	248	9	7,227	0	0	42	3,218	0	1,212	12,706
Year 2013											
January	89	19	1	562	0	0	4	222	0	85	981
February	81	14	1	512	0	0	4	202	0	74	888
March	78	7	1	574	0	0	4	241	0	90	995
April	63	7	0	541	0	0	4	235	0	95	946
May	69	8	0	546	0	0	5	256	0	97	981
June	75	7	0	593	0	0	5	253	0	93	1,026
July	76	13	0	779	0	0	5	263	0	100	1,236
August	71	7	1	697	0	0	4	267	0	101	1,147
Sept	60	6	1	652	0	0	3	252	0	99	1,073
October	49	7	1	550	0	0	2	258	0	96	961
November	60	8	0	525	0	0	2	248	0	92	936
December	68	16	1	623	0	0	3	259	0	95	1,064
Year 2014											
January	97	NM	1	638	0	0	NM	263	0	94	1,202
February	95	NM	1	579	0	0	NM	222	0	79	1,009
March	82	NM	1	582	0	0	NM	267	0	96	1,066
April	60	9	1	538	0	0	NM	277	0	103	992
May	52	9	0	548	0	0	NM	273	0	102	988
June	62	8	0	584	0	0	NM	285	0	103	1,045
July	64	9	0	653	0	0	NM	297	0	112	1,139
August	50	NM	1	679	0	0	NM	293	0	115	1,150
Sept	45	8	1	634	0	0	NM	274	0	109	1,073
October	32	8	1	616	0	0	NM	264	0	102	1,027
November	51	9	1	574	0	0	NM	251	0	97	986
December	59	11	1	601	0	0	NM	253	0	101	1,030
Year 2015											
January	57	NM	1	605	0	0	NM	260	0	94	1,050
February	74	NM	1	532	0	0	NM	242	0	84	1,025
March	66	12	1	605	0	0	NM	281	0	95	1,064
Year to Date											
2013	247	40	2	1,648	0	0	12	665	0	250	2,864
2014	275	168	2	1,799	0	0	NM	752	0	269	3,276
2015	196	NM	3	1,742	0	0	NM	783	0	273	3,139
Rolling 12 Months Ending in March											
2014	867	NM	6	7,305	0	0	NM	3,043	0	1,137	12,646
2015	671	NM	10	7,170	0	0	NM	3,249	0	1,216	12,569

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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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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Table 1.5. Net Generation by Energy Source: Industrial Sector, 2005-March 2015
(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											
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	12,554	495	2,036	88,733	8,531	0	3,463	29,091	0	5,113	150,015
2014	13,078	594	1,305	85,307	7,634	0	2,698	29,492	0	4,152	144,261
Year 2013											
January	1,064	61	192	7,608	759	0	324	2,494	0	423	12,924
February	983	47	118	6,801	644	0	363	2,285	0	402	11,642
March	1,086	42	169	7,387	752	0	302	2,413	0	425	12,576
April	986	37	173	6,869	698	0	250	2,210	0	358	11,580
May	1,063	46	209	7,025	721	0	328	2,367	0	387	12,147
June	1,048	36	201	7,351	699	0	328	2,445	0	402	12,511
July	1,138	36	211	8,033	767	0	320	2,563	0	434	13,502
August	1,066	36	208	7,856	767	0	240	2,553	0	468	13,195
Sept	1,004	33	175	7,218	714	0	239	2,375	0	473	12,230
October	1,005	37	166	7,165	667	0	239	2,423	0	481	12,182
November	1,022	37	98	7,395	694	0	206	2,422	0	442	12,317
December	1,089	47	118	8,025	650	0	322	2,541	0	417	13,210
Year 2014											
January	1,202	117	122	7,650	613	0	354	2,517	0	347	12,921
February	1,101	70	110	6,741	502	0	255	2,267	0	308	11,354
March	1,159	74	131	7,336	582	0	212	2,484	0	312	12,290
April	978	NM	97	6,741	534	0	187	2,411	0	324	11,294
May	1,044	32	105	6,650	575	0	203	2,463	0	352	11,425
June	1,138	41	121	6,869	638	0	203	2,480	0	347	11,839
July	1,182	35	119	7,433	730	0	179	2,620	0	350	12,649
August	1,136	48	117	7,432	702	0	211	2,532	0	382	12,561
Sept	1,088	38	95	7,050	738	0	193	2,369	0	365	11,935
October	998	30	72	6,679	656	0	228	2,378	0	357	11,397
November	1,002	51	92	7,115	668	0	233	2,402	0	325	11,887
December	1,051	37	124	7,611	695	0	240	2,569	0	382	12,708
Year 2015											
January	1,005	71	105	7,628	713	0	266	2,552	0	361	12,702
February	970	89	112	6,534	617	0	221	2,250	0	313	11,104
March	1,015	62	89	6,635	551	0	252	2,351	0	347	11,302
Year to Date											
2013	3,133	150	478	21,795	2,154	0	989	7,192	0	1,250	37,142
2014	3,461	261	363	21,727	1,697	0	821	7,267	0	968	36,565
2015	2,989	222	307	20,797	1,882	0	739	7,152	0	1,021	35,108
Rolling 12 Months Ending in March											
2014	12,882	606	1,921	88,664	8,073	0	3,295	29,167	0	4,831	149,438
2015	12,606	NM	1,249	84,377	7,818	0	2,616	29,376	0	4,205	142,804

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 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.6.A. Net Generation
by State, by Sector, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	9,012	9,449	-4.6%	368	567	8,192	8,371	115	122	336	389
Connecticut	3,119	3,067	1.7%	NM	NM	3,030	2,981	NM	NM	NM	51
Maine	1,141	1,140	0.1%	NM	NM	858	801	NM	20	264	319
Massachusetts	2,224	2,466	-9.8%	39	63	2,118	2,331	50	55	NM	NM
New Hampshire	1,862	1,832	1.7%	234	413	1,619	1,407	NM	NM	NM	NM
Rhode Island	469	301	56.1%	1	NM	462	293	NM	NM	0	0
Vermont	197	644	-69.4%	91	86	105	558	NM	NM	0	0
Middle Atlantic	36,445	35,804	1.8%	2,718	2,940	33,123	32,269	204	196	401	399
New Jersey	5,964	5,858	1.8%	-3	-11	5,853	5,756	62	52	NM	61
New York	11,084	11,155	-0.6%	2,585	2,818	8,296	8,137	110	111	93	90
Pennsylvania	19,397	18,791	3.2%	135	133	18,974	18,377	NM	33	256	248
East North Central	50,654	53,243	-4.9%	25,648	28,436	23,986	23,792	184	159	836	856
Illinois	16,017	17,315	-7.5%	874	952	14,861	16,068	64	58	218	236
Indiana	8,771	10,333	-15.1%	7,386	9,181	1,129	902	NM	NM	238	236
Michigan	9,459	8,595	10.1%	6,855	6,851	2,408	1,555	72	62	125	126
Ohio	10,845	12,308	-11.9%	6,913	7,989	3,837	4,220	NM	NM	77	83
Wisconsin	5,561	4,692	18.5%	3,620	3,463	1,751	1,046	NM	NM	178	175
West North Central	26,448	28,682	-7.8%	22,181	24,213	3,823	4,020	53	49	392	400
Iowa	5,103	5,106	-0.1%	3,740	3,666	1,144	1,214	20	21	198	205
Kansas	3,047	3,744	-18.6%	2,275	2,710	763	1,028	0	0	NM	NM
Minnesota	4,705	4,876	-3.5%	3,728	3,905	826	824	NM	NM	133	133
Missouri	6,486	7,541	-14.0%	6,285	7,348	182	173	13	14	NM	NM
Nebraska	3,266	3,383	-3.5%	2,967	3,154	264	192	NM	NM	34	36
North Dakota	3,166	3,123	1.4%	2,722	2,726	430	383	NM	NM	13	NM
South Dakota	676	910	-25.7%	463	704	213	206	NM	NM	0	0
South Atlantic	61,068	63,519	-3.9%	49,876	51,274	9,546	10,562	122	113	1,524	1,570
Delaware	443	597	-25.8%	NM	NM	334	531	NM	NM	105	63
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	18,330	17,120	7.1%	16,952	15,677	944	1,010	NM	NM	426	428
Georgia	9,579	9,129	4.9%	8,126	8,109	1,058	610	NM	2	393	408
Maryland	2,732	3,648	-25.1%	3	NM	2,653	3,558	NM	47	30	40
North Carolina	10,068	10,745	-6.3%	8,605	9,501	1,298	1,045	21	17	145	183
South Carolina	7,215	8,012	-9.9%	7,006	7,757	73	90	NM	NM	134	165
Virginia	6,527	6,559	-0.5%	5,064	5,300	1,247	1,035	37	36	179	188
West Virginia	6,166	7,702	-19.9%	4,116	4,923	1,939	2,684	0	0	111	96
East South Central	30,198	29,612	2.0%	24,991	25,711	4,309	2,977	NM	NM	877	904
Alabama	11,653	11,698	-0.4%	8,084	8,951	3,224	2,390	0	0	345	357
Kentucky	6,851	7,620	-10.1%	6,789	7,520	8	46	0	0	54	55
Mississippi	5,458	3,125	74.7%	4,165	2,334	1,056	529	NM	NM	235	260
Tennessee	6,237	7,169	-13.0%	5,954	6,906	20	13	NM	NM	243	232
West South Central	51,122	51,578	-0.9%	17,550	18,940	28,047	26,557	81	75	5,443	6,005
Arkansas	4,832	5,432	-11.1%	3,053	4,259	1,619	1,018	NM	NM	160	154
Louisiana	7,570	7,887	-4.0%	3,991	3,931	1,600	1,603	NM	NM	1,963	2,336
Oklahoma	5,797	5,460	6.2%	4,021	3,717	1,720	1,671	NM	NM	54	72
Texas	32,923	32,798	0.4%	6,486	7,032	23,108	22,265	63	58	3,266	3,443
Mountain	28,420	28,829	-1.4%	22,494	22,674	5,678	5,854	NM	38	218	263
Arizona	7,912	7,889	0.3%	7,118	7,202	785	674	NM	13	0	0
Colorado	4,262	4,347	-2.0%	3,316	3,121	940	1,218	NM	NM	NM	NM
Idaho	1,205	1,493	-19.3%	756	1,063	417	386	0	0	32	44
Montana	2,514	2,376	5.8%	639	630	1,874	1,745	0	0	NM	NM
Nevada	2,730	2,454	11.2%	1,959	1,677	761	757	NM	9	NM	NM
New Mexico	2,379	2,710	-12.2%	1,856	2,136	520	566	NM	NM	NM	NM
Utah	3,237	3,273	-1.1%	3,038	3,022	133	157	NM	NM	61	87
Wyoming	4,182	4,286	-2.4%	3,811	3,821	249	349	0	0	121	116
Pacific Contiguous	29,577	30,036	-1.5%	19,575	18,480	8,589	9,873	199	237	1,214	1,445
California	14,064	14,155	-0.6%	5,578	4,514	7,242	8,144	189	230	1,054	1,268
Oregon	5,294	5,651	-6.3%	4,279	4,655	960	935	NM	NM	48	55
Washington	10,219	10,229	-0.1%	9,718	9,311	387	795	NM	NM	111	122
Pacific Noncontiguous	1,304	1,359	-4.0%	855	896	336	348	54	56	60	58
Alaska	528	529	-0.1%	472	475	20	21	27	26	NM	NM
Hawaii	776	830	-6.5%	383	421	315	327	27	30	51	51
U.S. Total	324,248	332,111	-2.4%	186,254	194,132	125,629	124,624	1,064	1,066	11,302	12,290

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

Table 1.6.B. Net Generation

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	28,207	28,538	-1.2%	1,521	1,750	25,338	25,317	370	388	978	1,084
Connecticut	9,861	8,890	10.9%	NM	18	9,623	8,638	NM	87	137	146
Maine	3,708	3,627	2.2%	NM	NM	2,868	2,690	55	57	785	881
Massachusetts	7,098	7,990	-11.2%	154	249	6,731	7,511	165	182	NM	48
New Hampshire	5,844	5,163	13.2%	1,100	1,219	4,707	3,902	NM	NM	NM	NM
Rhode Island	1,150	983	16.9%	3	NM	1,118	953	NM	NM	0	0
Vermont	547	1,885	-71.0%	254	261	291	1,622	NM	NM	0	0
Middle Atlantic	110,641	110,247	0.4%	8,626	8,710	100,293	99,812	563	554	1,159	1,170
New Jersey	18,103	17,376	4.2%	-18	-40	17,796	17,102	162	142	163	172
New York	34,046	34,839	-2.3%	8,410	8,431	25,060	25,818	315	326	260	264
Pennsylvania	58,492	58,031	0.8%	234	319	57,437	56,893	85	86	736	733
East North Central	161,664	165,945	-2.6%	83,328	89,773	75,255	73,158	524	532	2,557	2,481
Illinois	50,131	52,715	-4.9%	2,557	2,993	46,731	48,859	177	182	666	681
Indiana	28,784	32,636	-11.8%	24,630	29,017	3,342	2,896	56	57	757	665
Michigan	29,116	26,954	8.0%	21,459	21,337	7,069	5,008	207	215	380	394
Ohio	36,275	37,567	-3.4%	22,761	24,498	13,227	12,783	NM	46	241	240
Wisconsin	17,358	16,073	8.0%	11,921	11,928	4,887	3,611	NM	34	513	501
West North Central	85,750	89,952	-4.7%	73,243	76,781	11,184	11,764	159	167	1,165	1,240
Iowa	15,936	15,778	1.0%	11,912	11,541	3,380	3,540	63	74	580	623
Kansas	10,739	12,640	-15.0%	8,333	9,922	2,375	2,699	0	0	NM	18
Minnesota	14,905	15,046	-0.9%	12,064	12,001	2,398	2,578	54	51	389	417
Missouri	22,165	23,875	-7.2%	21,670	23,392	441	422	37	38	NM	22
Nebraska	9,726	10,230	-4.9%	8,790	9,566	828	547	NM	5	104	112
North Dakota	9,721	9,835	-1.2%	8,538	8,463	1,138	1,326	NM	NM	45	47
South Dakota	2,558	2,547	0.4%	1,936	1,895	622	652	NM	NM	0	0
South Atlantic	197,188	200,619	-1.7%	161,262	163,745	31,038	31,784	363	348	4,524	4,742
Delaware	1,632	1,724	-5.3%	NM	NM	1,346	1,534	NM	NM	276	179
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	53,276	52,069	2.3%	49,250	48,065	2,758	2,749	23	16	1,245	1,239
Georgia	30,889	30,682	0.7%	26,049	27,670	3,714	1,806	8	7	1,119	1,199
Maryland	9,396	11,200	-16.1%	NM	NM	9,146	10,926	147	149	93	112
North Carolina	33,721	34,389	-1.9%	29,461	30,713	3,675	2,991	64	59	521	627
South Carolina	24,231	25,383	-4.5%	23,494	24,646	304	220	NM	NM	430	515
Virginia	22,158	21,868	1.3%	18,223	17,715	3,311	3,495	99	99	526	559
West Virginia	21,868	23,289	-6.1%	14,768	14,914	6,785	8,063	0	0	315	312
East South Central	98,420	96,754	1.7%	82,271	84,723	13,409	9,163	NM	55	2,682	2,812
Alabama	37,351	37,268	0.2%	26,461	29,224	9,848	6,934	0	0	1,043	1,110
Kentucky	23,495	25,216	-6.8%	23,290	24,957	46	100	0	0	159	158
Mississippi	16,750	12,299	36.2%	12,531	9,461	3,462	2,089	NM	NM	751	744
Tennessee	20,824	21,970	-5.2%	19,989	21,082	53	39	NM	49	729	800
West South Central	162,360	161,630	0.5%	54,120	59,949	90,494	83,727	243	223	17,503	17,730
Arkansas	14,233	16,239	-12.4%	9,281	12,468	4,458	3,310	NM	NM	493	460
Louisiana	25,429	25,418	0.0%	13,459	12,042	5,284	6,282	48	48	6,638	7,046
Oklahoma	18,357	17,834	2.9%	12,507	13,023	5,681	4,614	NM	NM	163	196
Texas	104,341	102,138	2.2%	18,873	22,416	75,071	69,522	187	171	10,209	10,029
Mountain	84,827	88,494	-4.1%	66,717	69,218	17,405	18,436	90	116	615	724
Arizona	22,728	24,627	-7.7%	20,239	21,728	2,460	2,860	NM	39	0	0
Colorado	12,976	13,683	-5.2%	9,798	10,386	3,160	3,273	NM	NM	NM	14
Idaho	3,744	3,875	-3.4%	2,541	2,431	1,082	1,314	0	0	121	130
Montana	7,500	6,981	7.4%	1,799	1,510	5,698	5,468	0	0	NM	NM
Nevada	8,086	7,858	2.9%	5,701	5,311	2,345	2,475	NM	24	NM	46
New Mexico	7,182	7,660	-6.2%	5,714	6,109	1,455	1,528	NM	21	NM	NM
Utah	10,230	10,447	-2.1%	9,725	9,805	380	437	NM	21	107	184
Wyoming	12,383	13,363	-7.3%	11,199	11,937	825	1,080	0	0	359	346
Pacific Contiguous	86,880	87,388	-0.6%	57,855	49,995	24,635	32,266	611	723	3,778	4,404
California	40,312	43,815	-8.0%	16,007	14,260	20,420	24,975	581	691	3,304	3,889
Oregon	15,775	15,990	-1.3%	12,948	12,043	2,654	3,756	NM	25	152	166
Washington	30,792	27,583	11.6%	28,901	23,692	1,561	3,535	NM	NM	322	349
Pacific Noncontiguous	4,026	4,205	-4.3%	2,758	2,883	963	976	158	170	146	176
Alaska	1,638	1,642	-0.2%	1,484	1,470	61	63	68	80	25	28
Hawaii	2,388	2,563	-6.8%	1,274	1,413	902	913	91	89	121	148
U.S. Total	1,019,962	1,033,771	-1.3%	591,701	607,527	390,015	386,404	3,139	3,276	35,108	36,565

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 1.7.A. Net Generation from Coal
by State, by Sector, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	713	1,265	-43.6%	177	327	528	928	0	0	8	11
Connecticut	157	232	-32.7%	0	0	157	232	0	0	0	0
Maine	15	14	8.1%	0	0	10	6	0	0	6	8
Massachusetts	365	692	-47.3%	0	0	362	689	0	0	NM	NM
New Hampshire	177	327	-45.9%	177	327	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	6,792	9,146	-25.7%	NM	NM	6,711	9,064	NM	NM	77	77
New Jersey	115	277	-58.4%	0	0	115	277	0	0	0	0
New York	252	789	-68.0%	NM	NM	221	760	0	0	29	26
Pennsylvania	6,424	8,080	-20.5%	0	0	6,375	8,027	NM	NM	48	51
East North Central	27,151	33,220	-18.3%	19,677	24,083	7,195	8,821	18	30	262	285
Illinois	6,550	7,921	-17.3%	839	939	5,562	6,821	6	7	143	154
Indiana	6,323	8,655	-26.9%	5,911	8,237	408	410	3	5	NM	NM
Michigan	4,280	4,839	-11.6%	4,219	4,760	33	36	8	17	19	25
Ohio	7,053	8,782	-19.7%	5,840	7,205	1,192	1,553	NM	NM	20	23
Wisconsin	2,946	3,023	-2.5%	2,868	2,942	0	0	NM	NM	78	81
West North Central	16,067	18,535	-13.3%	15,758	18,202	NM	NM	17	23	289	307
Iowa	2,823	2,800	0.8%	2,629	2,595	0	0	11	14	183	191
Kansas	2,094	2,356	-11.1%	2,094	2,356	0	0	0	0	0	0
Minnesota	1,978	2,291	-13.7%	1,915	2,224	0	0	0	0	63	68
Missouri	5,025	6,247	-19.6%	5,013	6,229	NM	NM	6	10	NM	NM
Nebraska	1,878	2,151	-12.7%	1,846	2,116	0	0	0	0	32	35
North Dakota	2,269	2,406	-5.7%	2,261	2,398	0	0	0	0	NM	NM
South Dakota	0	284	-100.0%	0	284	0	0	0	0	0	0
South Atlantic	19,114	25,541	-25.2%	15,981	20,135	2,989	5,200	6	NM	137	203
Delaware	48	131	-63.6%	0	0	48	131	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,145	3,639	-13.6%	3,135	3,489	0	133	0	0	NM	NM
Georgia	2,631	3,336	-21.1%	2,615	3,291	0	0	0	0	16	44
Maryland	1,117	2,164	-48.4%	0	0	1,103	2,144	NM	NM	14	20
North Carolina	3,383	5,061	-33.2%	3,285	4,904	NM	137	6	2	NM	NM
South Carolina	1,644	2,121	-22.5%	1,631	2,101	0	0	0	0	13	20
Virginia	1,369	1,761	-22.3%	1,267	1,511	NM	201	0	NM	31	48
West Virginia	5,776	7,328	-21.2%	4,048	4,839	1,688	2,454	0	0	40	35
East South Central	11,664	14,777	-21.1%	11,292	14,624	272	34	NM	NM	99	116
Alabama	2,752	3,506	-21.5%	2,743	3,495	0	0	0	0	NM	NM
Kentucky	6,040	6,874	-12.1%	6,040	6,874	0	0	0	0	0	0
Mississippi	426	586	-27.3%	154	552	272	34	0	0	0	0
Tennessee	2,447	3,811	-35.8%	2,355	3,704	0	0	NM	NM	89	105
West South Central	12,311	18,168	-32.2%	6,555	9,719	5,733	8,406	0	0	NM	42
Arkansas	1,586	2,875	-44.8%	1,123	2,423	458	445	0	0	5	6
Louisiana	1,254	1,414	-11.3%	596	583	657	830	0	0	0	0
Oklahoma	2,068	2,393	-13.6%	1,982	2,294	68	63	0	0	NM	35
Texas	7,403	11,486	-35.6%	2,854	4,419	4,549	7,068	0	0	0	0
Mountain	14,608	15,361	-4.9%	13,135	13,786	1,388	1,493	0	0	85	82
Arizona	2,804	3,316	-15.5%	2,804	3,316	0	0	0	0	0	0
Colorado	2,670	2,389	11.8%	2,665	2,380	NM	NM	0	0	NM	NM
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	1,255	1,264	-0.8%	NM	NM	1,232	1,239	0	0	NM	NM
Nevada	167	546	-69.4%	100	389	67	157	0	0	0	0
New Mexico	1,422	1,699	-16.3%	1,422	1,699	0	0	0	0	0	0
Utah	2,594	2,486	4.4%	2,525	2,419	NM	NM	0	0	39	34
Wyoming	3,689	3,653	1.0%	3,598	3,559	NM	NM	0	0	38	38
Pacific Contiguous	34	598	-94.4%	0	203	NM	363	0	0	33	32
California	30	88	-66.2%	0	0	NM	60	0	0	29	28
Oregon	0	203	-100.0%	0	203	0	0	0	0	0	0
Washington	4	307	-98.7%	0	0	0	303	0	0	4	4
Pacific Noncontiguous	188	170	10.1%	18	17	146	128	22	22	NM	NM
Alaska	55	55	0.4%	18	17	16	16	22	22	0	0
Hawaii	132	115	14.8%	0	0	130	111	0	0	NM	NM
U.S. Total	108,642	136,781	-20.6%	82,595	101,101	24,966	34,439	66	82	1,015	1,159

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

Table 1.7.B. Net Generation from Coal

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	2,960	3,527	-16.1%	833	935	2,098	2,566	0	0	29	26
Connecticut	586	625	-6.2%	0	0	586	625	0	0	0	0
Maine	50	40	26.8%	0	0	29	22	0	0	21	18
Massachusetts	1,491	1,927	-22.6%	0	0	1,483	1,919	0	0	NM	NM
New Hampshire	833	935	-10.9%	833	935	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	23,433	28,217	-17.0%	NM	NM	23,195	27,955	NM	NM	227	245
New Jersey	864	1,173	-26.3%	0	0	864	1,173	0	0	0	0
New York	1,134	2,383	-52.4%	NM	NM	1,046	2,288	0	0	81	85
Pennsylvania	21,435	24,661	-13.1%	0	0	21,284	24,494	NM	NM	146	160
East North Central	88,920	103,414	-14.0%	64,628	75,857	23,461	26,600	45	93	786	863
Illinois	21,195	23,909	-11.4%	2,467	2,931	18,278	20,503	14	19	437	455
Indiana	21,580	27,613	-21.9%	20,262	26,260	1,302	1,315	12	32	NM	NM
Michigan	12,974	14,410	-10.0%	12,787	14,171	106	115	18	40	63	85
Ohio	23,430	26,922	-13.0%	19,590	22,182	3,776	4,667	NM	NM	63	71
Wisconsin	9,741	10,560	-7.7%	9,523	10,313	0	0	NM	NM	218	245
West North Central	53,407	58,718	-9.0%	52,474	57,669	NM	NM	58	78	868	964
Iowa	8,839	9,133	-3.2%	8,270	8,502	0	0	37	49	532	582
Kansas	6,151	7,429	-17.2%	6,151	7,429	0	0	0	0	0	0
Minnesota	7,021	7,607	-7.7%	6,824	7,382	0	0	0	0	197	224
Missouri	17,991	19,746	-8.9%	17,949	19,690	NM	NM	22	29	NM	20
Nebraska	5,607	6,638	-15.5%	5,507	6,527	0	0	0	0	100	111
North Dakota	7,275	7,418	-1.9%	7,249	7,390	0	0	0	0	25	27
South Dakota	523	748	-30.1%	523	748	0	0	0	0	0	0
South Atlantic	68,905	84,587	-18.5%	56,768	68,496	11,672	15,442	29	23	436	626
Delaware	358	509	-29.6%	0	0	358	509	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	9,376	12,766	-26.6%	9,347	12,571	1	147	0	0	NM	48
Georgia	9,315	12,905	-27.8%	9,251	12,760	0	0	0	0	64	145
Maryland	4,691	6,547	-28.3%	0	0	4,645	6,488	NM	NM	45	56
North Carolina	12,316	15,718	-21.6%	12,064	15,270	197	371	26	20	NM	58
South Carolina	6,622	7,367	-10.1%	6,585	7,310	0	0	0	0	38	57
Virginia	5,378	6,665	-19.3%	4,943	5,995	340	546	NM	NM	93	124
West Virginia	20,849	22,110	-5.7%	14,578	14,589	6,132	7,382	0	0	140	138
East South Central	40,846	48,004	-14.9%	39,701	47,091	846	555	NM	NM	292	351
Alabama	9,054	12,254	-26.1%	9,018	12,211	0	0	0	0	36	43
Kentucky	20,998	22,678	-7.4%	20,998	22,678	0	0	0	0	0	0
Mississippi	1,875	2,744	-31.7%	1,029	2,190	846	555	0	0	0	0
Tennessee	8,919	10,327	-13.6%	8,657	10,011	0	0	NM	NM	256	308
West South Central	44,463	58,384	-23.8%	23,098	31,478	21,295	26,800	0	0	NM	107
Arkansas	5,345	8,967	-40.4%	4,403	7,624	927	1,324	0	0	15	19
Louisiana	4,628	4,814	-3.9%	2,292	1,738	2,336	3,075	0	0	0	0
Oklahoma	6,522	7,695	-15.2%	6,137	7,260	330	348	0	0	NM	88
Texas	27,968	36,908	-24.2%	10,266	14,856	17,702	22,052	0	0	0	0
Mountain	44,348	49,157	-9.8%	39,863	44,261	4,305	4,716	0	0	180	180
Arizona	8,225	10,191	-19.3%	8,225	10,191	0	0	0	0	0	0
Colorado	8,234	8,507	-3.2%	8,221	8,484	NM	NM	0	0	NM	NM
Idaho	24	25	-6.9%	0	0	0	0	0	0	24	25
Montana	3,902	4,043	-3.5%	NM	NM	3,829	3,963	0	0	NM	NM
Nevada	537	1,940	-72.3%	334	1,481	203	459	0	0	0	0
New Mexico	4,385	4,863	-9.8%	4,385	4,863	0	0	0	0	0	0
Utah	8,222	8,145	1.0%	8,090	8,011	94	100	0	0	39	34
Wyoming	10,820	11,442	-5.4%	10,538	11,154	NM	172	0	0	115	116
Pacific Contiguous	683	3,224	-78.8%	26	959	564	2,174	0	0	94	90
California	95	140	-32.1%	0	0	NM	60	0	0	86	79
Oregon	26	959	-97.3%	26	959	0	0	0	0	0	0
Washington	562	2,125	-73.5%	0	0	554	2,114	0	0	8	11
Pacific Noncontiguous	504	503	0.0%	52	51	393	377	53	66	NM	NM
Alaska	152	166	-8.3%	52	51	48	49	53	66	0	0
Hawaii	351	337	4.1%	0	0	345	328	0	0	NM	NM
U.S. Total	368,470	437,735	-15.8%	277,448	326,806	87,836	107,193	196	275	2,989	3,461

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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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	63	421	-85.1%	7	53	47	339	NM	NM	NM	NM
Connecticut	3	95	-96.8%	NM	NM	2	92	NM	NM	NM	NM
Maine	23	85	-72.5%	NM	NM	21	76	NM	NM	NM	9
Massachusetts	28	177	-84.2%	1	23	23	143	NM	NM	NM	NM
New Hampshire	6	43	-86.6%	4	26	NM	13	NM	NM	NM	NM
Rhode Island	NM	19	NM	1	NM	0	14	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	137	458	-70.0%	28	167	96	271	NM	NM	12	NM
New Jersey	9	53	-83.4%	NM	NM	8	51	NM	NM	NM	NM
New York	97	341	-71.6%	28	167	57	157	NM	NM	11	11
Pennsylvania	32	64	-51.0%	NM	NM	31	63	NM	NM	NM	NM
East North Central	50	77	-35.8%	38	46	9	30	NM	NM	2	NM
Illinois	4	10	-59.1%	1	NM	3	8	NM	NM	0	0
Indiana	14	10	41.5%	13	9	0	0	NM	NM	1	1
Michigan	10	10	-2.6%	10	10	NM	0	0	NM	0	NM
Ohio	19	39	-50.6%	13	18	6	21	NM	NM	NM	NM
Wisconsin	2	8	-75.9%	1	6	1	2	NM	NM	NM	NM
West North Central	41	53	-23.1%	38	49	NM	4	NM	NM	NM	NM
Iowa	4	6	-38.1%	4	6	NM	NM	NM	NM	NM	NM
Kansas	8	6	31.4%	8	6	0	0	0	0	0	0
Minnesota	6	17	-63.9%	4	12	NM	4	NM	NM	NM	NM
Missouri	5	16	-66.1%	5	16	0	0	NM	NM	0	0
Nebraska	2	5	-57.0%	2	5	0	0	0	0	0	0
North Dakota	4	3	39.3%	4	3	0	0	NM	NM	NM	NM
South Dakota	12	NM	NM	12	NM	NM	NM	NM	NM	0	0
South Atlantic	123	335	-63.4%	96	195	19	124	NM	NM	6	NM
Delaware	4	26	-83.9%	NM	NM	4	26	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	27	54	-49.6%	26	53	NM	NM	0	0	NM	NM
Georgia	8	8	0.0%	5	4	NM	NM	NM	NM	2	NM
Maryland	15	81	-81.0%	2	NM	11	72	NM	NM	NM	NM
North Carolina	13	27	-49.8%	13	24	NM	NM	NM	NM	0	NM
South Carolina	9	20	-53.7%	8	19	NM	NM	NM	NM	1	1
Virginia	33	105	-68.8%	29	86	2	17	NM	NM	NM	NM
West Virginia	12	14	-10.3%	12	7	0	7	0	0	0	0
East South Central	25	23	5.4%	22	20	NM	NM	NM	NM	NM	NM
Alabama	8	NM	NM	6	4	NM	NM	0	0	NM	NM
Kentucky	9	11	-17.9%	9	11	0	0	0	0	0	0
Mississippi	1	NM	NM	1	NM	0	0	0	0	1	0
Tennessee	7	5	48.5%	7	4	0	0	NM	NM	NM	NM
West South Central	19	24	-23.3%	8	13	10	10	NM	NM	NM	NM
Arkansas	3	3	25.7%	3	2	0	1	0	0	0	0
Louisiana	4	7	-50.6%	2	NM	1	6	0	0	0	1
Oklahoma	1	2	-51.5%	1	2	0	0	NM	NM	NM	NM
Texas	11	12	-11.9%	2	8	8	3	NM	NM	NM	NM
Mountain	18	32	-42.3%	15	30	NM	NM	NM	NM	NM	NM
Arizona	3	16	-80.3%	3	16	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	NM	NM	NM	NM	2	1	0	0	0	0
Nevada	1	1	-42.8%	1	1	0	0	0	0	0	0
New Mexico	6	6	-6.9%	5	6	NM	NM	0	0	NM	NM
Utah	1	NM	NM	1	NM	NM	NM	0	0	NM	NM
Wyoming	3	3	13.5%	3	3	0	0	0	0	NM	NM
Pacific Contiguous	NM	7	NM	NM	5	NM	NM	NM	NM	NM	NM
California	NM	NM	NM	2	2	NM	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	0	2	0	0	NM	NM	0	0
Washington	NM	NM	NM	NM	NM	NM	1	NM	NM	NM	NM
Pacific Noncontiguous	603	652	-7.5%	448	482	119	135	1	NM	36	34
Alaska	76	66	15.5%	72	62	0	0	NM	NM	4	3
Hawaii	527	586	-10.1%	376	419	119	135	0	0	NM	31
U.S. Total	1,082	2,083	-48.1%	702	1,059	306	917	12	NM	62	74

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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 March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	1,878	2,018	-6.9%	153	239	1,614	1,646	NM	NM	NM	NM
Connecticut	394	467	-15.7%	NM	NM	389	457	NM	NM	NM	NM
Maine	489	278	75.8%	NM	NM	456	245	NM	NM	NM	30
Massachusetts	729	902	-19.3%	49	124	637	723	NM	NM	NM	NM
New Hampshire	165	281	-41.3%	97	101	52	161	NM	NM	NM	NM
Rhode Island	98	80	23.0%	3	NM	80	59	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	2,260	2,863	-21.1%	712	836	1,488	1,949	NM	NM	44	47
New Jersey	269	450	-40.1%	NM	NM	266	438	NM	NM	NM	NM
New York	1,603	1,933	-17.1%	712	835	839	1,037	NM	NM	36	31
Pennsylvania	388	480	-19.1%	NM	NM	384	474	NM	NM	NM	NM
East North Central	167	300	-44.3%	131	182	28	109	NM	NM	NM	NM
Illinois	13	27	-52.2%	NM	NM	8	20	NM	NM	0	0
Indiana	52	46	12.0%	47	42	0	0	NM	NM	4	4
Michigan	26	42	-37.5%	25	40	NM	0	0	NM	0	1
Ohio	67	163	-59.1%	46	76	19	84	NM	NM	NM	NM
Wisconsin	10	22	-55.2%	8	17	1	4	NM	NM	NM	NM
West North Central	89	144	-38.2%	84	133	NM	10	NM	NM	NM	NM
Iowa	NM	21	NM	NM	21	NM	NM	NM	NM	NM	NM
Kansas	19	NM	NM	19	NM	0	0	0	0	0	0
Minnesota	11	37	-69.3%	7	26	NM	9	NM	NM	NM	NM
Missouri	24	44	-45.6%	24	44	0	0	NM	NM	0	0
Nebraska	5	14	-62.5%	5	14	0	0	0	0	0	0
North Dakota	8	8	-4.2%	8	8	0	0	NM	NM	NM	NM
South Dakota	12	4	224.8%	12	4	NM	NM	NM	NM	0	0
South Atlantic	1,696	2,225	-23.8%	1,195	1,411	425	732	NM	NM	45	47
Delaware	126	153	-17.8%	NM	NM	125	152	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	192	131	46.5%	182	121	NM	NM	0	0	NM	NM
Georgia	97	105	-7.6%	35	57	47	30	NM	NM	NM	18
Maryland	138	408	-66.1%	NM	NM	101	363	NM	NM	NM	NM
North Carolina	273	300	-9.3%	240	268	20	23	NM	NM	NM	NM
South Carolina	135	190	-28.9%	119	175	NM	11	NM	NM	3	4
Virginia	696	878	-20.8%	582	742	108	128	NM	NM	NM	NM
West Virginia	39	59	-33.7%	30	36	10	23	0	0	0	0
East South Central	118	195	-39.2%	91	170	11	10	NM	NM	NM	NM
Alabama	47	57	-17.2%	22	34	11	10	0	0	NM	NM
Kentucky	27	32	-16.9%	27	32	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	1	0
Tennessee	39	102	-61.2%	38	101	0	0	NM	NM	NM	NM
West South Central	71	62	15.2%	36	29	32	28	NM	NM	NM	NM
Arkansas	14	8	81.8%	10	4	3	2	0	0	1	2
Louisiana	25	14	79.6%	17	NM	8	8	0	0	0	1
Oklahoma	NM	4	NM	1	3	0	0	NM	NM	NM	NM
Texas	30	36	-16.6%	8	17	NM	18	NM	NM	NM	NM
Mountain	58	70	-17.5%	53	64	5	6	NM	NM	NM	NM
Arizona	14	24	-40.8%	14	24	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	6	NM	NM	NM	3	4	0	0	0	0
Nevada	4	2	74.2%	4	2	1	0	0	0	0	0
New Mexico	18	19	-4.7%	17	17	NM	NM	0	0	NM	NM
Utah	3	5	-39.0%	3	5	NM	NM	0	0	NM	NM
Wyoming	10	9	11.1%	10	9	0	0	0	0	NM	NM
Pacific Contiguous	NM	21	NM	8	12	NM	5	NM	NM	3	NM
California	11	11	2.8%	7	7	NM	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	0	3	0	0	NM	NM	0	0
Washington	NM	7	NM	NM	NM	NM	2	NM	NM	2	2
Pacific Noncontiguous	1,919	2,093	-8.3%	1,459	1,600	385	391	2	1	73	100
Alaska	221	208	6.0%	208	197	0	0	NM	NM	12	11
Hawaii	1,698	1,884	-9.9%	1,251	1,403	385	391	1	0	61	90
U.S. Total	8,272	9,990	-17.2%	3,923	4,676	3,996	4,885	NM	168	222	261

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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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
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	0	NM	NM	0	0	0	0	0	0	0	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	180	362	-50.3%	60	239	104	93	0	0	NM	30
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	167	-100.0%	0	167	0	0	0	0	0	0
Michigan	66	76	-13.0%	56	60	3	5	0	0	NM	NM
Ohio	101	89	13.4%	0	0	101	88	0	0	NM	NM
Wisconsin	12	29	-58.0%	3	11	0	0	0	0	9	18
West North Central	NM	NM	NM	0	0	0	0	1	1	NM	NM
Iowa	NM	NM	NM	0	0	0	0	1	1	NM	NM
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	110	218	-49.9%	90	199	0	0	0	0	19	20
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	90	199	-54.7%	90	199	0	0	0	0	0	0
Georgia	19	20	-1.1%	0	0	0	0	0	0	19	20
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	121	69	74.8%	121	69	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	121	69	74.8%	121	69	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	270	502	-46.2%	231	446	0	0	0	0	39	56
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	258	484	-46.8%	231	446	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	12	18	-31.6%	0	0	0	0	0	0	12	18
Mountain	39	37	4.7%	0	0	39	37	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	39	37	4.7%	0	0	39	37	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	734	1,215	-39.6%	502	953	143	130	1	1	89	131

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

Table 1.9.B. Net Generation from Petroleum Coke

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 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	48	56	-15.1%	0	0	0	0	0	0	48	56
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	40	42	-4.7%	0	0	0	0	0	0	40	42
East North Central	771	831	-7.2%	425	495	285	259	0	0	61	77
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	244	328	-25.6%	244	328	0	0	0	0	0	0
Michigan	206	178	15.4%	171	131	9	16	0	0	NM	NM
Ohio	279	248	12.4%	0	0	276	243	0	0	NM	NM
Wisconsin	42	76	-45.2%	10	35	0	0	0	0	31	41
West North Central	NM	NM	NM	0	0	0	0	3	2	NM	NM
Iowa	NM	NM	NM	0	0	0	0	3	2	NM	NM
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	425	639	-33.5%	371	584	0	0	0	0	54	55
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	371	584	-36.5%	371	584	0	0	0	0	0	0
Georgia	54	55	-1.3%	0	0	0	0	0	0	54	55
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	338	263	28.6%	338	263	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	338	263	28.6%	338	263	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	1,172	1,425	-17.7%	1,041	1,267	0	0	0	0	131	159
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,135	1,379	-17.6%	1,041	1,267	0	0	0	0	94	112
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	37	47	-20.5%	0	0	0	0	0	0	37	47
Mountain	118	102	15.6%	0	0	118	102	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	118	102	15.6%	0	0	118	102	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	2,889	3,337	-13.4%	2,175	2,608	404	364	3	2	307	363

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

Table 1.10.A. Net Generation from Natural Gas
by State, by Sector, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	3,555	2,666	33.4%	7	14	3,341	2,422	79	73	128	158
Connecticut	1,248	1,021	22.2%	0	0	1,168	946	NM	NM	NM	50
Maine	320	302	6.0%	0	0	259	207	NM	NM	NM	92
Massachusetts	1,057	816	29.6%	7	11	994	750	42	41	NM	NM
New Hampshire	485	267	82.1%	0	1	481	261	NM	NM	NM	NM
Rhode Island	444	260	70.7%	0	0	440	257	NM	NM	0	0
Vermont	0	0	-60.2%	0	0	0	0	0	0	0	0
Middle Atlantic	12,394	10,212	21.4%	820	918	11,300	9,054	101	93	173	147
New Jersey	2,996	2,204	36.0%	NM	NM	2,934	2,151	NM	NM	NM	NM
New York	4,799	4,242	13.1%	816	915	3,885	3,235	73	68	NM	24
Pennsylvania	4,599	3,766	22.1%	NM	NM	4,481	3,668	NM	NM	NM	88
East North Central	7,939	4,770	66.4%	3,328	1,851	4,321	2,708	134	103	155	108
Illinois	815	260	213.3%	NM	NM	691	171	58	51	NM	NM
Indiana	1,775	904	96.4%	1,425	700	278	157	NM	NM	59	41
Michigan	1,600	950	68.3%	395	227	1,136	677	37	25	NM	NM
Ohio	2,539	2,190	15.9%	1,033	729	1,482	1,441	NM	NM	NM	NM
Wisconsin	1,210	466	159.7%	446	188	734	262	NM	NM	NM	NM
West North Central	1,218	463	163.3%	1,026	369	133	63	NM	NM	NM	NM
Iowa	NM	24	NM	NM	15	0	0	NM	NM	NM	NM
Kansas	119	72	65.0%	110	67	0	0	0	0	NM	NM
Minnesota	661	174	280.4%	587	138	50	22	NM	NM	NM	NM
Missouri	333	171	94.3%	243	130	84	41	6	0	NM	NM
Nebraska	16	15	9.0%	14	14	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	1	0	0	0	0	0	NM	NM
South Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Atlantic	22,653	18,757	20.8%	18,127	15,359	4,180	3,094	NM	44	296	261
Delaware	369	420	-12.2%	NM	NM	273	365	0	0	93	53
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	11,974	10,814	10.7%	11,236	10,201	619	493	NM	NM	117	118
Georgia	3,746	2,692	39.2%	2,710	2,097	989	549	0	0	47	46
Maryland	214	194	10.5%	0	0	171	154	NM	NM	NM	NM
North Carolina	2,725	2,048	33.1%	1,736	1,308	981	728	0	0	NM	NM
South Carolina	1,071	871	22.9%	1,011	797	56	72	NM	NM	NM	NM
Virginia	2,511	1,669	50.5%	1,426	920	1,062	723	NM	NM	24	26
West Virginia	36	44	-18.8%	7	34	29	10	0	0	NM	NM
East South Central	9,066	6,580	37.8%	4,790	3,417	3,999	2,915	NM	NM	258	232
Alabama	4,295	3,758	14.3%	1,007	1,296	3,208	2,377	0	0	81	86
Kentucky	314	374	-15.9%	285	311	7	45	0	0	NM	NM
Mississippi	3,873	2,260	71.4%	2,952	1,644	784	493	NM	NM	135	121
Tennessee	583	188	209.8%	545	167	0	0	NM	NM	NM	NM
West South Central	27,517	20,412	34.8%	7,900	5,179	14,856	9,898	75	71	4,686	5,263
Arkansas	1,494	792	88.6%	307	209	1,147	561	NM	NM	40	23
Louisiana	4,608	3,892	18.4%	2,270	1,299	734	596	NM	NM	1,589	1,981
Oklahoma	2,611	1,737	50.3%	1,780	1,142	820	586	NM	NM	NM	NM
Texas	18,803	13,991	34.4%	3,542	2,530	12,155	8,156	57	55	3,048	3,250
Mountain	5,260	4,400	19.5%	3,769	2,845	1,394	1,431	NM	30	76	94
Arizona	1,183	736	60.8%	688	346	488	379	NM	11	0	0
Colorado	755	1,031	-26.8%	548	540	208	490	0	0	0	NM
Idaho	118	53	123.4%	NM	18	107	31	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	1,873	1,241	51.0%	1,636	1,001	232	223	NM	NM	0	NM
New Mexico	737	694	6.3%	404	406	330	282	NM	NM	0	0
Utah	486	573	-15.1%	434	507	NM	NM	NM	NM	NM	34
Wyoming	54	47	14.4%	NM	NM	NM	NM	0	0	50	45
Pacific Contiguous	9,043	9,438	-4.2%	3,721	2,965	4,394	5,283	104	140	824	1,050
California	7,603	8,507	-10.6%	2,880	2,433	3,811	4,898	97	135	816	1,041
Oregon	835	395	111.1%	296	81	530	307	NM	NM	NM	NM
Washington	605	535	13.0%	546	451	53	78	NM	NM	4	5
Pacific Noncontiguous	245	253	-3.1%	240	249	0	0	NM	NM	NM	NM
Alaska	245	253	-3.1%	240	249	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	98,889	77,950	26.9%	43,729	33,165	47,919	36,867	605	582	6,635	7,336

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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 1.10.B. Net Generation from Natural Gas

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	9,972	8,101	23.1%	21	41	9,417	7,448	207	207	327	405
Connecticut	3,900	2,870	35.9%	0	5	3,690	2,652	NM	71	136	142
Maine	863	1,060	-18.6%	0	0	710	835	NM	NM	146	219
Massachusetts	2,904	2,917	-0.4%	21	34	2,734	2,729	111	117	NM	NM
New Hampshire	1,320	403	227.9%	0	1	1,308	390	NM	NM	NM	NM
Rhode Island	984	851	15.7%	0	0	974	841	NM	NM	0	0
Vermont	1	1	-22.1%	1	1	0	0	0	0	0	0
Middle Atlantic	33,151	29,030	14.2%	2,694	2,687	29,737	25,668	270	262	450	413
New Jersey	7,826	6,251	25.2%	NM	NM	7,665	6,100	NM	NM	NM	99
New York	12,561	12,013	4.6%	2,682	2,677	9,620	9,083	197	191	NM	63
Pennsylvania	12,763	10,766	18.5%	NM	NM	12,453	10,485	NM	NM	281	252
East North Central	23,102	15,300	51.0%	9,588	5,941	12,712	8,666	388	359	414	334
Illinois	2,364	1,099	115.0%	72	40	2,033	807	162	162	NM	90
Indiana	4,856	2,925	66.0%	3,915	2,216	749	568	NM	NM	157	126
Michigan	4,645	3,643	27.5%	1,095	837	3,351	2,622	115	110	84	74
Ohio	7,760	6,021	28.9%	3,030	2,146	4,663	3,815	NM	NM	NM	NM
Wisconsin	3,478	1,612	115.7%	1,477	701	1,917	854	NM	28	53	29
West North Central	3,414	2,188	56.0%	3,027	1,861	234	212	54	43	99	72
Iowa	476	170	180.1%	429	137	0	0	NM	NM	NM	19
Kansas	289	353	-18.3%	258	335	0	0	0	0	NM	18
Minnesota	1,475	742	98.7%	1,314	531	99	154	NM	30	NM	28
Missouri	991	832	19.1%	849	773	136	58	6	-1	NM	NM
Nebraska	43	30	40.2%	39	29	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	3	0	0	0	0	0	NM	NM
South Dakota	135	55	144.3%	135	55	0	0	0	0	0	0
South Atlantic	66,661	52,665	26.6%	53,536	42,619	12,170	9,162	136	127	819	758
Delaware	1,086	1,003	8.2%	NM	NM	838	850	0	0	241	146
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	33,842	29,679	14.0%	31,730	27,785	1,747	1,540	NM	NM	356	348
Georgia	11,860	7,890	50.3%	8,280	6,166	3,484	1,602	0	0	96	123
Maryland	538	468	15.0%	0	0	422	353	NM	102	NM	NM
North Carolina	8,733	5,757	51.7%	5,866	3,632	2,832	2,092	1	0	34	33
South Carolina	2,924	2,337	25.1%	2,670	2,171	243	157	NM	NM	NM	8
Virginia	7,557	5,311	42.3%	4,956	2,711	2,528	2,513	NM	NM	72	87
West Virginia	104	203	-49.0%	28	148	75	56	0	0	NM	NM
East South Central	28,736	20,736	38.6%	15,489	11,482	12,438	8,506	NM	46	759	701
Alabama	13,774	10,611	29.8%	3,756	3,478	9,780	6,876	0	0	238	257
Kentucky	1,052	1,201	-12.4%	951	1,049	44	98	0	0	NM	54
Mississippi	11,854	7,833	51.3%	8,824	5,928	2,614	1,532	NM	NM	410	368
Tennessee	2,056	1,090	88.6%	1,957	1,027	0	0	NM	NM	54	22
West South Central	82,418	65,575	25.7%	21,461	17,032	45,625	32,836	223	212	15,109	15,495
Arkansas	4,574	2,393	91.2%	978	362	3,491	1,950	NM	NM	104	81
Louisiana	14,360	13,065	9.9%	6,420	4,386	2,418	2,696	48	48	5,474	5,935
Oklahoma	8,343	6,613	26.2%	5,694	4,968	2,618	1,616	NM	NM	NM	26
Texas	55,141	43,505	26.7%	8,369	7,316	37,098	26,574	169	161	9,505	9,454
Mountain	15,927	15,097	5.5%	10,708	9,246	4,911	5,451	70	98	238	301
Arizona	3,532	3,512	0.6%	1,737	1,342	1,770	2,136	NM	34	0	0
Colorado	2,233	2,596	-14.0%	1,266	1,448	966	1,140	0	4	NM	NM
Idaho	504	767	-34.3%	218	398	273	358	0	0	NM	10
Montana	151	136	10.5%	141	129	NM	NM	0	0	0	0
Nevada	5,582	4,210	32.6%	4,676	3,174	876	972	NM	18	NM	46
New Mexico	2,199	1,950	12.8%	1,255	1,177	932	751	NM	20	0	NM
Utah	1,570	1,781	-11.8%	1,407	1,571	NM	NM	NM	21	67	105
Wyoming	156	146	7.2%	NM	NM	NM	NM	0	0	143	135
Pacific Contiguous	27,080	34,800	-22.2%	10,744	11,703	13,422	19,422	342	442	2,572	3,232
California	23,085	28,483	-19.0%	8,450	7,966	11,772	16,899	320	418	2,542	3,200
Oregon	2,479	3,529	-29.8%	953	1,356	1,497	2,138	NM	19	NM	15
Washington	1,517	2,788	-45.6%	1,341	2,381	153	386	NM	NM	16	16
Pacific Noncontiguous	771	833	-7.4%	758	816	0	0	NM	NM	NM	15
Alaska	771	833	-7.4%	758	816	0	0	NM	NM	NM	15
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	291,231	244,325	19.2%	128,026	103,427	140,666	117,372	1,742	1,799	20,797	21,727

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

Table 1.11.A. Net Generation from Other Gases
by State, by Sector, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	45	57	-20.7%	0	0	0	0	0	0	45	57
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	35	39	-8.6%	0	0	0	0	0	0	35	39
East North Central	336	354	-4.8%	20	7	146	132	0	0	171	215
Illinois	NM	28	NM	0	0	0	1	0	0	NM	27
Indiana	140	170	-17.7%	0	0	0	0	0	0	140	170
Michigan	129	82	58.7%	20	7	110	75	0	0	0	0
Ohio	51	74	-31.4%	0	0	36	56	0	0	NM	NM
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	15	12	21.9%	0	0	0	0	0	0	15	12
Delaware	12	9	33.3%	0	0	0	0	0	0	12	9
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-22.8%	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	2	3	-11.0%	0	0	0	0	0	0	2	3
East South Central	NM	14	NM	0	0	0	0	0	0	NM	14
Alabama	NM	13	NM	0	0	0	0	0	0	NM	13
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	-2.6%	0	0	0	0	0	0	1	1
West South Central	374	285	30.9%	0	0	205	124	0	0	169	161
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	200	149	33.7%	0	0	115	59	0	0	85	90
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	174	136	27.8%	0	0	90	65	0	0	84	71
Mountain	35	33	6.7%	0	0	0	0	0	0	35	33
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	NM	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	0	0	0	0	NM	NM
Wyoming	34	32	4.5%	0	0	0	0	0	0	34	32
Pacific Contiguous	139	87	60.0%	0	0	30	2	0	0	109	84
California	109	84	29.0%	0	0	0	0	0	0	109	84
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	30	2	NM	0	0	30	2	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	0	0	NM	NM
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	0	0	0	0	0	0	NM	NM
U.S. Total	951	847	12.3%	20	7	380	258	0	0	551	582

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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 March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 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	154	166	-7.5%	0	0	0	0	0	0	154	166
New Jersey	45	47	-4.8%	0	0	0	0	0	0	45	47
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	109	119	-8.5%	0	0	0	0	0	0	109	119
East North Central	1,120	972	15.2%	65	26	430	351	0	0	624	595
Illinois	71	74	-2.9%	0	0	0	1	0	0	71	72
Indiana	500	475	5.4%	0	0	0	0	0	0	500	475
Michigan	347	227	53.0%	65	26	282	201	0	0	0	0
Ohio	200	196	2.2%	0	0	148	148	0	0	52	48
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	10	NM	NM	0	0	0	0	0	0	10	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	10	NM	NM	0	0	0	0	0	0	10	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	45	40	10.8%	0	0	0	0	0	0	45	40
Delaware	36	32	10.5%	0	0	0	0	0	0	36	32
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1	1	-29.6%	0	0	0	0	0	0	1	1
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	8	7	17.5%	0	0	0	0	0	0	8	7
East South Central	26	49	-46.2%	0	0	0	0	0	0	26	49
Alabama	23	45	-48.0%	0	0	0	0	0	0	23	45
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	3	3	-21.8%	0	0	0	0	0	0	3	3
West South Central	1,133	864	31.0%	0	0	585	407	0	0	548	458
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	549	432	27.0%	0	0	277	193	0	0	272	239
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	584	433	35.0%	0	0	308	214	0	0	276	219
Mountain	104	96	8.4%	0	0	3	1	0	0	102	95
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	2	0	NM	0	0	2	0	0	0	0	0
Nevada	1	1	-36.1%	0	0	1	1	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	0	0	0	0	NM	NM
Wyoming	101	95	6.0%	0	0	0	0	0	0	101	95
Pacific Contiguous	459	345	33.2%	0	0	93	69	0	0	366	275
California	366	275	33.0%	0	0	0	0	0	0	366	275
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	93	69	33.7%	0	0	93	69	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	0	0	NM	NM
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	0	0	0	0	0	0	NM	NM
U.S. Total	3,057	2,550	19.9%	65	26	1,111	828	0	0	1,882	1,697

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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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	2,999	3,454	-13.2%	0	0	2,999	3,454	0	0	0	0
Connecticut	1,566	1,565	0.1%	0	0	1,566	1,565	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	506	502	0.7%	0	0	506	502	0	0	0	0
New Hampshire	927	924	0.3%	0	0	927	924	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	463	-100.0%	0	0	0	463	0	0	0	0
Middle Atlantic	13,110	12,019	9.1%	0	0	13,110	12,019	0	0	0	0
New Jersey	2,663	3,135	-15.1%	0	0	2,663	3,135	0	0	0	0
New York	3,123	3,010	3.8%	0	0	3,123	3,010	0	0	0	0
Pennsylvania	7,324	5,874	24.7%	0	0	7,324	5,874	0	0	0	0
East North Central	11,843	11,385	4.0%	1,918	1,623	9,925	9,763	0	0	0	0
Illinois	7,547	7,931	-4.8%	0	0	7,547	7,931	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,526	1,902	32.8%	1,918	1,623	608	279	0	0	0	0
Ohio	880	905	-2.7%	0	0	880	905	0	0	0	0
Wisconsin	890	648	37.4%	0	0	890	648	0	0	0	0
West North Central	3,287	3,695	-11.0%	2,833	3,241	454	454	0	0	0	0
Iowa	454	454	-0.1%	0	0	454	454	0	0	0	0
Kansas	-7	185	-103.9%	-7	185	0	0	0	0	0	0
Minnesota	964	1,263	-23.7%	964	1,263	0	0	0	0	0	0
Missouri	916	920	-0.5%	916	920	0	0	0	0	0	0
Nebraska	961	873	10.1%	961	873	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	15,595	15,135	3.0%	14,559	14,250	1,036	885	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	2,420	1,691	43.1%	2,420	1,691	0	0	0	0	0	0
Georgia	2,603	2,465	5.6%	2,603	2,465	0	0	0	0	0	0
Maryland	1,036	885	17.1%	0	0	1,036	885	0	0	0	0
North Carolina	3,200	2,869	11.5%	3,200	2,869	0	0	0	0	0	0
South Carolina	4,123	4,541	-9.2%	4,123	4,541	0	0	0	0	0	0
Virginia	2,213	2,684	-17.5%	2,213	2,684	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	6,296	5,746	9.6%	6,296	5,746	0	0	0	0	0	0
Alabama	3,193	3,256	-1.9%	3,193	3,256	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	1,058	138	665.9%	1,058	138	0	0	0	0	0	0
Tennessee	2,046	2,352	-13.0%	2,046	2,352	0	0	0	0	0	0
West South Central	5,932	6,198	-4.3%	2,238	2,988	3,694	3,210	0	0	0	0
Arkansas	1,346	1,387	-2.9%	1,346	1,387	0	0	0	0	0	0
Louisiana	891	1,602	-44.4%	891	1,602	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,694	3,210	15.1%	0	0	3,694	3,210	0	0	0	0
Mountain	2,968	2,967	0.0%	2,968	2,967	0	0	0	0	0	0
Arizona	2,968	2,967	0.0%	2,968	2,967	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	2,517	1,796	40.1%	2,517	1,796	0	0	0	0	0	0
California	1,694	960	76.4%	1,694	960	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	823	836	-1.6%	823	836	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	64,547	62,397	3.4%	33,328	32,612	31,218	29,785	0	0	0	0

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

Table 1.12.B. Net Generation from Nuclear Energy

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	8,432	9,964	-15.4%	0	0	8,432	9,964	0	0	0	0
Connecticut	4,552	4,483	1.5%	0	0	4,552	4,483	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	1,188	1,470	-19.2%	0	0	1,188	1,470	0	0	0	0
New Hampshire	2,692	2,690	0.1%	0	0	2,692	2,690	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	1,321	-100.0%	0	0	0	1,321	0	0	0	0
Middle Atlantic	40,575	38,810	4.5%	0	0	40,575	38,810	0	0	0	0
New Jersey	8,613	9,011	-4.4%	0	0	8,613	9,011	0	0	0	0
New York	10,640	10,409	2.2%	0	0	10,640	10,409	0	0	0	0
Pennsylvania	21,322	19,390	10.0%	0	0	21,322	19,390	0	0	0	0
East North Central	38,251	36,151	5.8%	6,685	5,710	31,566	30,442	0	0	0	0
Illinois	23,308	24,117	-3.4%	0	0	23,308	24,117	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	8,451	6,341	33.3%	6,685	5,710	1,766	632	0	0	0	0
Ohio	3,900	3,343	16.7%	0	0	3,900	3,343	0	0	0	0
Wisconsin	2,592	2,349	10.3%	0	0	2,592	2,349	0	0	0	0
West North Central	11,533	11,817	-2.4%	10,246	10,501	1,287	1,316	0	0	0	0
Iowa	1,287	1,316	-2.2%	0	0	1,287	1,316	0	0	0	0
Kansas	1,689	1,902	-11.2%	1,689	1,902	0	0	0	0	0	0
Minnesota	3,175	3,278	-3.1%	3,175	3,278	0	0	0	0	0	0
Missouri	2,579	2,678	-3.7%	2,579	2,678	0	0	0	0	0	0
Nebraska	2,803	2,643	6.0%	2,803	2,643	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	49,830	49,507	0.7%	46,547	46,570	3,283	2,937	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	7,506	6,879	9.1%	7,506	6,879	0	0	0	0	0	0
Georgia	7,926	7,705	2.9%	7,926	7,705	0	0	0	0	0	0
Maryland	3,283	2,937	11.8%	0	0	3,283	2,937	0	0	0	0
North Carolina	10,218	10,061	1.6%	10,218	10,061	0	0	0	0	0	0
South Carolina	13,539	14,035	-3.5%	13,539	14,035	0	0	0	0	0	0
Virginia	7,358	7,891	-6.8%	7,358	7,891	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	19,968	18,692	6.8%	19,968	18,692	0	0	0	0	0	0
Alabama	10,537	10,062	4.7%	10,537	10,062	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	2,673	1,339	99.7%	2,673	1,339	0	0	0	0	0	0
Tennessee	6,758	7,291	-7.3%	6,758	7,291	0	0	0	0	0	0
West South Central	17,867	18,750	-4.7%	6,914	8,417	10,953	10,334	0	0	0	0
Arkansas	3,225	3,769	-14.4%	3,225	3,769	0	0	0	0	0	0
Louisiana	3,689	4,647	-20.6%	3,689	4,647	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	10,953	10,334	6.0%	0	0	10,953	10,334	0	0	0	0
Mountain	8,624	8,630	-0.1%	8,624	8,630	0	0	0	0	0	0
Arizona	8,624	8,630	-0.1%	8,624	8,630	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	7,198	5,778	24.6%	7,198	5,778	0	0	0	0	0	0
California	4,784	3,356	42.5%	4,784	3,356	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	2,414	2,421	-0.3%	2,414	2,421	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	202,279	198,100	2.1%	106,183	104,297	96,096	93,803	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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	615	555	10.8%	86	81	492	446	NM	NM	36	27
Connecticut	NM	31	NM	NM	NM	NM	28	0	0	0	0
Maine	305	259	17.9%	0	0	269	232	0	0	36	26
Massachusetts	80	79	2.2%	NM	NM	56	57	NM	NM	NM	NM
New Hampshire	87	89	-2.2%	25	26	63	63	0	0	0	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	107	97	10.7%	NM	31	73	66	0	0	0	0
Middle Atlantic	2,483	2,425	2.4%	1,928	1,920	549	500	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,162	2,124	1.8%	1,793	1,787	363	331	NM	NM	NM	NM
Pennsylvania	319	299	6.4%	135	133	184	167	0	0	0	0
East North Central	400	424	-5.6%	355	379	NM	NM	NM	NM	NM	NM
Illinois	NM	12	NM	NM	NM	NM	8	NM	NM	0	0
Indiana	NM	28	NM	NM	28	0	0	0	0	0	0
Michigan	146	145	1.0%	133	132	NM	NM	0	0	NM	NM
Ohio	NM	33	NM	NM	33	0	0	0	0	0	0
Wisconsin	208	206	1.0%	183	183	NM	NM	0	0	NM	NM
West North Central	879	795	10.5%	851	768	NM	NM	0	0	NM	NM
Iowa	75	NM	NM	74	NM	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	50	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Missouri	73	57	28.2%	73	57	0	0	0	0	0	0
Nebraska	119	122	-2.2%	119	122	0	0	0	0	0	0
North Dakota	183	148	23.8%	183	148	0	0	0	0	0	0
South Dakota	378	349	8.1%	378	349	0	0	0	0	0	0
South Atlantic	1,424	1,485	-4.1%	1,019	1,119	284	262	NM	NM	120	102
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	NM	NM	NM	NM	0	0	0	0	0	0
Georgia	260	272	-4.4%	256	269	NM	NM	0	0	NM	NM
Maryland	222	198	12.5%	0	0	222	198	0	0	0	0
North Carolina	412	443	-7.0%	358	396	NM	NM	NM	NM	48	41
South Carolina	242	296	-18.1%	234	288	NM	NM	NM	NM	0	0
Virginia	108	111	-2.2%	101	104	NM	NM	0	0	NM	NM
West Virginia	158	146	7.8%	48	43	41	45	0	0	69	58
East South Central	2,559	1,911	34.0%	2,500	1,861	NM	NM	0	0	59	49
Alabama	1,135	901	26.0%	1,135	901	0	0	0	0	0	0
Kentucky	328	248	32.3%	327	247	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1,097	762	43.9%	1,038	713	0	0	0	0	59	49
West South Central	578	517	11.7%	485	408	93	109	0	0	0	0
Arkansas	275	233	17.8%	272	232	NM	NM	0	0	0	0
Louisiana	87	105	-17.3%	0	0	87	105	0	0	0	0
Oklahoma	158	128	23.5%	158	128	0	0	0	0	0	0
Texas	58	51	14.1%	56	49	NM	NM	0	0	0	0
Mountain	2,775	3,082	-10.0%	2,324	2,705	450	376	NM	NM	0	0
Arizona	609	527	15.5%	609	527	0	0	0	0	0	0
Colorado	132	201	-34.4%	109	180	NM	NM	NM	NM	0	0
Idaho	795	1,087	-26.9%	735	1,027	60	NM	0	0	0	0
Montana	902	847	6.4%	542	559	360	288	0	0	0	0
Nevada	226	288	-21.6%	221	283	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	58	NM	NM	57	NM	NM	NM	0	0	0	0
Wyoming	42	42	-0.6%	41	41	NM	NM	0	0	0	0
Pacific Contiguous	12,843	12,885	-0.3%	12,752	12,795	91	90	NM	NM	0	0
California	891	951	-6.3%	859	916	NM	NM	NM	NM	0	0
Oregon	3,941	4,289	-8.1%	3,913	4,263	NM	NM	0	0	0	0
Washington	8,011	7,645	4.8%	7,980	7,616	31	NM	0	0	0	0
Pacific Noncontiguous	140	140	-0.2%	135	133	1	3	0	0	NM	NM
Alaska	133	131	0.9%	133	131	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	1	3	0	0	NM	NM
U.S. Total	24,696	24,219	2.0%	22,434	22,169	2,007	1,833	NM	NM	252	212

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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.B. Net Generation from Hydroelectric (Conventional) Power

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	1,796	1,884	-4.7%	251	267	1,435	1,521	NM	NM	109	94
Connecticut	92	103	-10.4%	NM	NM	84	93	0	0	0	0
Maine	892	869	2.6%	0	0	784	778	0	0	107	91
Massachusetts	234	262	-10.9%	63	70	168	189	NM	NM	NM	NM
New Hampshire	285	327	-12.9%	85	82	199	243	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	293	322	-9.0%	94	106	198	216	0	0	0	0
Middle Atlantic	6,787	7,000	-3.0%	5,339	5,371	1,432	1,612	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	6,148	6,206	-0.9%	5,106	5,053	1,026	1,136	NM	NM	NM	NM
Pennsylvania	634	786	-19.4%	233	318	400	469	0	0	0	0
East North Central	1,249	1,015	23.0%	1,117	907	75	66	NM	NM	57	NM
Illinois	27	33	-18.7%	NM	NM	16	20	NM	NM	0	0
Indiana	69	74	-7.0%	69	74	0	0	0	0	0	0
Michigan	439	339	29.6%	400	309	NM	NM	0	0	NM	NM
Ohio	86	86	0.1%	86	86	0	0	0	0	0	0
Wisconsin	629	484	29.9%	551	427	NM	NM	0	0	48	NM
West North Central	2,564	2,107	21.7%	2,479	2,042	57	NM	0	0	NM	NM
Iowa	231	168	37.8%	229	166	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	154	120	28.4%	75	61	51	NM	0	0	NM	NM
Missouri	180	194	-6.9%	180	194	0	0	0	0	0	0
Nebraska	356	280	27.1%	356	280	0	0	0	0	0	0
North Dakota	564	451	25.2%	564	451	0	0	0	0	0	0
South Dakota	1,074	891	20.6%	1,074	891	0	0	0	0	0	0
South Atlantic	3,765	5,135	-26.7%	2,897	4,043	533	691	NM	NM	331	395
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	58	63	-7.8%	58	63	0	0	0	0	0	0
Georgia	777	1,021	-23.9%	768	1,012	NM	NM	0	0	NM	NM
Maryland	384	506	-24.2%	0	0	384	506	0	0	0	0
North Carolina	1,192	1,721	-30.7%	1,019	1,481	NM	NM	NM	NM	156	220
South Carolina	670	1,002	-33.1%	647	977	NM	25	NM	NM	0	0
Virginia	293	391	-25.2%	272	369	NM	20	0	0	NM	NM
West Virginia	390	429	-9.1%	132	141	91	121	0	0	167	167
East South Central	6,924	7,302	-5.2%	6,736	7,056	NM	NM	0	0	186	244
Alabama	3,128	3,439	-9.1%	3,128	3,439	0	0	0	0	0	0
Kentucky	940	914	2.9%	938	911	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	2,856	2,950	-3.2%	2,670	2,706	0	0	0	0	186	244
West South Central	1,396	1,519	-8.1%	1,156	1,215	241	304	0	0	0	0
Arkansas	668	695	-3.9%	662	690	NM	NM	0	0	0	0
Louisiana	228	292	-22.0%	0	0	228	292	0	0	0	0
Oklahoma	352	375	-6.2%	352	375	0	0	0	0	0	0
Texas	149	158	-5.6%	142	150	NM	NM	0	0	0	0
Mountain	7,965	6,987	14.0%	6,646	6,018	1,317	966	NM	NM	0	0
Arizona	1,539	1,468	4.9%	1,539	1,468	0	0	0	0	0	0
Colorado	407	470	-13.3%	340	423	65	NM	NM	NM	0	0
Idaho	2,434	2,103	15.7%	2,285	1,982	150	122	0	0	0	0
Montana	2,590	2,011	28.8%	1,511	1,229	1,079	782	0	0	0	0
Nevada	698	660	5.7%	681	648	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	164	147	11.8%	161	145	NM	NM	0	0	0	0
Wyoming	101	94	7.1%	98	92	NM	NM	0	0	0	0
Pacific Contiguous	38,842	29,966	29.6%	38,563	29,741	278	225	NM	NM	0	0
California	2,624	2,485	5.6%	2,520	2,388	103	96	NM	NM	0	0
Oregon	11,862	9,510	24.7%	11,779	9,447	83	63	0	0	0	0
Washington	24,356	17,972	35.5%	24,263	17,906	92	66	0	0	0	0
Pacific Noncontiguous	457	388	17.7%	442	374	1	3	0	0	NM	NM
Alaska	436	370	17.9%	436	370	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	1	3	0	0	NM	NM
U.S. Total	71,745	63,304	13.3%	65,625	57,035	5,371	5,437	NM	NM	739	821

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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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	974	952	2.3%	92	93	713	667	20	18	150	174
Connecticut	71	72	-2.3%	0	0	68	70	NM	3	0	0
Maine	447	446	0.1%	0	0	288	264	9	9	150	174
Massachusetts	170	153	11.1%	7	7	159	143	NM	NM	NM	0
New Hampshire	175	177	-1.1%	28	34	144	140	NM	3	0	0
Rhode Island	23	21	6.5%	0	0	21	21	NM	0	0	0
Vermont	89	82	8.3%	57	52	32	30	NM	NM	0	0
Middle Atlantic	1,403	1,371	2.3%	8	4	1,258	1,231	61	55	76	81
New Jersey	149	140	6.4%	8	4	109	110	31	25	NM	NM
New York	631	621	1.5%	0	0	589	577	19	19	23	25
Pennsylvania	624	610	2.2%	0	0	560	544	11	11	53	55
East North Central	2,675	2,623	2.0%	261	252	2,246	2,204	18	13	150	153
Illinois	1,053	1,129	-6.7%	NM	NM	1,052	1,128	NM	NM	0	0
Indiana	473	367	28.8%	25	28	443	334	NM	2	4	4
Michigan	683	621	9.9%	116	89	493	459	14	10	61	63
Ohio	177	194	-8.9%	NM	3	142	157	NM	NM	31	34
Wisconsin	289	311	-7.1%	116	132	117	126	NM	NM	54	52
West North Central	4,891	5,103	-4.2%	1,627	1,573	3,204	3,467	11	13	49	50
Iowa	1,665	1,747	-4.7%	971	983	690	759	NM	3	2	3
Kansas	832	1,123	-25.9%	70	97	762	1,026	0	0	0	0
Minnesota	1,021	1,049	-2.6%	222	227	750	771	NM	4	44	46
Missouri	101	137	-26.3%	NM	3	96	129	2	4	NM	NM
Nebraska	290	218	33.1%	24	24	264	192	NM	NM	0	0
North Dakota	702	557	26.0%	270	174	430	383	0	0	NM	NM
South Dakota	279	272	2.6%	66	65	213	206	0	0	0	0
South Atlantic	1,873	1,845	1.5%	142	170	879	802	44	41	808	832
Delaware	10	11	-5.0%	NM	NM	9	9	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	429	452	-5.0%	24	25	223	252	4	3	179	172
Georgia	377	346	8.8%	NM	0	67	59	NM	2	306	285
Maryland	107	100	7.4%	NM	NM	90	80	NM	NM	12	16
North Carolina	304	279	9.0%	NM	NM	214	155	14	14	76	110
South Carolina	159	187	-15.0%	38	40	NM	9	0	0	113	137
Virginia	305	303	0.7%	77	102	87	70	19	18	123	112
West Virginia	182	168	8.3%	0	0	182	168	0	0	0	0
East South Central	498	525	-5.2%	7	9	37	27	NM	NM	453	489
Alabama	266	257	3.6%	0	0	16	13	0	0	250	244
Kentucky	39	45	-12.3%	7	9	0	0	0	0	32	36
Mississippi	100	140	-28.7%	0	0	NM	NM	0	0	99	139
Tennessee	92	83	10.9%	0	0	20	13	NM	NM	72	70
West South Central	4,032	5,429	-25.7%	136	187	3,456	4,799	6	4	434	439
Arkansas	124	134	-7.6%	0	0	10	10	NM	NM	114	124
Louisiana	230	214	7.8%	0	0	6	7	0	0	225	207
Oklahoma	963	1,209	-20.4%	104	160	832	1,022	0	0	26	27
Texas	2,715	3,872	-29.9%	32	27	2,608	3,761	NM	3	69	81
Mountain	2,703	2,873	-5.9%	301	345	2,373	2,488	8	7	21	33
Arizona	347	332	4.7%	48	35	297	295	2	2	0	0
Colorado	719	720	-0.3%	11	19	705	699	NM	NM	NM	NM
Idaho	285	345	-17.3%	15	18	250	294	0	0	20	33
Montana	233	175	33.4%	26	22	208	153	0	0	0	0
Nevada	461	376	22.7%	0	0	457	373	4	3	NM	NM
New Mexico	202	293	-31.0%	12	8	190	284	NM	NM	0	0
Utah	96	124	-22.5%	21	25	75	99	0	0	0	0
Wyoming	359	508	-29.3%	167	217	192	291	0	0	0	0
Pacific Contiguous	4,943	5,160	-4.2%	601	736	4,050	4,105	95	97	196	221
California	3,710	3,512	5.6%	180	221	3,382	3,132	92	94	55	64
Oregon	516	759	-32.0%	70	107	400	599	NM	2	44	52
Washington	717	889	-19.4%	351	408	267	375	NM	NM	97	106
Pacific Noncontiguous	113	122	-6.8%	14	11	69	82	18	19	12	10
Alaska	19	20	-1.5%	10	11	NM	5	4	4	NM	NM
Hawaii	94	102	-7.8%	5	0	65	77	14	15	11	10
U.S. Total	24,106	26,005	-7.3%	3,190	3,381	18,285	19,873	281	267	2,351	2,484

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

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

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	2,843	2,687	5.8%	262	267	2,076	1,872	54	51	450	496
Connecticut	199	196	1.5%	0	0	191	188	8	8	0	0
Maine	1,329	1,288	3.2%	0	0	856	767	24	24	449	496
Massachusetts	465	407	14.3%	21	21	433	377	10	9	NM	0
New Hampshire	534	512	4.4%	85	100	441	402	8	9	0	0
Rhode Island	66	51	28.2%	0	0	63	51	NM	0	0	0
Vermont	250	233	7.3%	157	147	93	86	NM	NM	0	0
Middle Atlantic	3,979	3,894	2.2%	20	9	3,575	3,513	161	146	223	227
New Jersey	406	359	13.2%	20	9	305	285	80	65	NM	NM
New York	1,840	1,820	1.1%	0	0	1,720	1,696	53	55	67	70
Pennsylvania	1,734	1,715	1.1%	0	0	1,550	1,532	28	27	156	156
East North Central	7,908	7,903	0.1%	749	794	6,659	6,627	48	42	452	439
Illinois	3,092	3,393	-8.9%	NM	NM	3,089	3,390	NM	NM	0	0
Indiana	1,382	1,104	25.1%	75	76	1,291	1,013	5	5	11	11
Michigan	2,029	1,861	9.0%	314	276	1,486	1,362	38	32	191	190
Ohio	551	585	-5.8%	9	8	446	482	NM	NM	95	94
Wisconsin	854	960	-11.0%	347	431	348	381	5	4	154	144
West North Central	14,557	14,857	-2.0%	4,815	4,531	9,570	10,146	37	36	135	144
Iowa	5,079	4,952	2.6%	2,975	2,715	2,091	2,223	7	8	5	7
Kansas	2,587	2,936	-11.9%	215	241	2,372	2,695	0	0	0	0
Minnesota	2,994	3,183	-5.9%	638	689	2,220	2,348	15	14	122	132
Missouri	320	377	-15.1%	10	9	298	356	10	10	NM	NM
Nebraska	912	624	46.2%	79	73	828	547	5	4	0	0
North Dakota	1,850	1,935	-4.4%	705	605	1,138	1,326	0	0	6	4
South Dakota	814	850	-4.3%	192	198	622	652	0	0	0	0
South Atlantic	5,475	5,295	3.4%	465	448	2,448	2,281	118	112	2,443	2,454
Delaware	27	26	1.9%	NM	NM	24	23	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,266	1,283	-1.3%	56	62	685	714	13	9	514	498
Georgia	1,073	1,011	6.1%	NM	0	180	171	8	7	883	834
Maryland	297	264	12.4%	NM	NM	247	209	12	11	36	42
North Carolina	883	776	13.8%	NM	NM	558	434	34	34	289	306
South Carolina	506	575	-12.0%	112	114	24	25	0	0	370	435
Virginia	946	880	7.5%	289	267	254	225	51	51	352	338
West Virginia	477	480	-0.6%	0	0	477	480	0	0	0	0
East South Central	1,532	1,567	-2.2%	23	24	112	90	NM	NM	1,397	1,452
Alabama	787	800	-1.6%	0	0	56	48	0	0	731	751
Kentucky	124	128	-2.9%	23	23	0	0	0	0	102	105
Mississippi	342	378	-9.4%	0	1	NM	3	0	0	339	374
Tennessee	278	262	6.4%	0	0	53	39	NM	NM	225	222
West South Central	13,550	14,842	-8.7%	423	521	11,762	13,017	19	11	1,346	1,293
Arkansas	401	386	3.8%	0	0	31	29	NM	NM	369	356
Louisiana	682	646	5.5%	0	0	17	18	0	0	664	628
Oklahoma	3,147	3,172	-0.8%	335	443	2,734	2,649	0	0	79	79
Texas	9,321	10,638	-12.4%	88	78	8,980	10,321	18	10	234	229
Mountain	7,668	8,253	-7.1%	901	1,031	6,662	7,110	18	16	86	95
Arizona	805	810	-0.7%	111	81	690	724	4	4	0	0
Colorado	2,160	2,125	1.6%	40	58	2,114	2,062	5	NM	NM	NM
Idaho	782	980	-20.2%	38	52	658	834	0	0	85	94
Montana	652	604	8.0%	76	75	576	529	0	0	0	0
Nevada	1,257	1,038	21.1%	0	0	1,249	1,031	8	7	NM	NM
New Mexico	549	796	-31.0%	27	19	522	776	NM	NM	0	0
Utah	268	324	-17.3%	65	74	203	251	0	0	0	0
Wyoming	1,195	1,576	-24.2%	545	674	650	903	0	0	0	0
Pacific Contiguous	12,551	13,038	-3.7%	1,498	1,836	10,201	10,288	268	280	584	635
California	9,365	8,896	5.3%	454	575	8,484	7,862	260	272	167	186
Oregon	1,399	1,980	-29.3%	189	278	1,066	1,546	5	5	140	151
Washington	1,787	2,162	-17.3%	856	982	650	880	NM	2	278	297
Pacific Noncontiguous	321	328	-2.1%	45	36	183	203	58	57	35	32
Alaska	56	59	-4.4%	28	31	13	14	12	11	NM	2
Hawaii	264	269	-1.6%	17	5	170	189	46	45	32	30
U.S. Total	70,384	72,665	-3.1%	9,202	9,498	53,247	55,147	783	752	7,152	7,267

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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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	-53	-38	38.8%	0	0	-53	-38	0	0	0	0
Connecticut	-8	-5	51.0%	0	0	-8	-5	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-45	-33	36.8%	0	0	-45	-33	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	-108	-102	5.9%	-69	-74	-39	-28	0	0	0	0
New Jersey	-15	-18	-18.3%	-15	-18	0	0	0	0	0	0
New York	-54	-56	-3.5%	-54	-56	0	0	0	0	0	0
Pennsylvania	-39	-28	40.3%	0	0	-39	-28	0	0	0	0
East North Central	-11	-59	-81.9%	-11	-59	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	-11	-59	-81.9%	-11	-59	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	30	-8	-460.5%	30	-8	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	30	-8	-460.5%	30	-8	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	-137	-153	-10.3%	-137	-153	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	-64	-17	278.7%	-64	-17	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	13	0	--	13	0	0	0	0	0	0	0
South Carolina	-38	-29	27.4%	-38	-29	0	0	0	0	0	0
Virginia	-48	-107	-54.7%	-48	-107	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-37	-34	8.8%	-37	-34	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	-37	-34	8.8%	-37	-34	0	0	0	0	0	0
West South Central	-3	-2	62.6%	-3	-2	0	0	0	0	0	0
Arkansas	1	7	-82.9%	1	7	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-4	-9	-55.9%	-4	-9	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-21	-6	244.1%	-21	-6	0	0	0	0	0	0
Arizona	-2	-6	-59.6%	-2	-6	0	0	0	0	0	0
Colorado	-19	0	NM	-19	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	-19	-19	-2.4%	-19	-19	0	0	0	0	0	0
California	-36	-19	95.5%	-36	-19	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	18	-1	NM	18	-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	-358	-421	-15.1%	-266	-355	-92	-66	0	0	0	0

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

Table 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	-120	-111	8.4%	0	0	-120	-111	0	0	0	0
Connecticut	-6	-3	81.1%	0	0	-6	-3	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-114	-107	6.1%	0	0	-114	-107	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	-279	-316	-11.6%	-146	-204	-133	-112	0	0	0	0
New Jersey	-49	-59	-17.2%	-49	-59	0	0	0	0	0	0
New York	-97	-145	-33.1%	-97	-145	0	0	0	0	0	0
Pennsylvania	-133	-112	19.0%	0	0	-133	-112	0	0	0	0
East North Central	-85	-166	-48.9%	-85	-166	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	-85	-166	-48.9%	-85	-166	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	63	-2	NM	63	-2	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	63	-2	NM	63	-2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-517	-426	21.4%	-517	-426	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	-214	-30	608.2%	-214	-30	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	52	0	--	52	0	0	0	0	0	0	0
South Carolina	-177	-136	30.8%	-177	-136	0	0	0	0	0	0
Virginia	-178	-260	-31.5%	-178	-260	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-90	-54	65.6%	-90	-54	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	-90	-54	65.6%	-90	-54	0	0	0	0	0	0
West South Central	-9	-8	4.6%	-9	-8	0	0	0	0	0	0
Arkansas	3	18	-86.2%	3	18	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-11	-27	-57.3%	-11	-27	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-83	-38	117.5%	-83	-38	0	0	0	0	0	0
Arizona	-11	-8	41.1%	-11	-8	0	0	0	0	0	0
Colorado	-72	-30	137.9%	-72	-30	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	-182	-35	420.9%	-182	-35	0	0	0	0	0	0
California	-208	-33	525.8%	-208	-33	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	26	-2	NM	26	-2	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-1,302	-1,156	12.6%	-1,049	-934	-253	-223	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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	146	173	-16.0%	0	0	124	153	10	11	12	9
Connecticut	48	55	-12.7%	0	0	46	53	NM	NM	0	0
Maine	30	33	-9.6%	0	0	11	16	7	9	12	9
Massachusetts	62	79	-21.4%	0	0	62	79	0	0	0	0
New Hampshire	5	5	-11.4%	0	0	5	5	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	176	199	-11.4%	0	0	137	159	39	40	0	0
New Jersey	35	42	-17.5%	0	0	22	30	13	12	0	0
New York	73	85	-13.4%	0	0	57	67	16	18	0	0
Pennsylvania	68	72	-5.5%	0	0	59	62	9	10	0	0
East North Central	91	87	4.3%	2	15	14	14	14	12	60	46
Illinois	21	23	-10.9%	0	0	0	0	0	0	21	23
Indiana	34	32	5.4%	0	12	0	0	NM	NM	33	19
Michigan	30	28	5.1%	NM	2	14	14	13	10	2	2
Ohio	1	1	79.8%	0	0	0	0	0	0	1	1
Wisconsin	5	2	122.4%	2	1	0	0	0	0	NM	NM
West North Central	30	36	-17.1%	16	19	8	10	NM	NM	NM	4
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	24	31	-20.5%	10	14	8	10	NM	NM	NM	4
Missouri	3	2	27.7%	3	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	3	NM	NM	3	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	299	343	-12.8%	0	0	159	195	17	17	123	132
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	221	252	-12.2%	0	0	102	131	0	0	119	121
Georgia	0	7	-98.3%	0	0	0	0	0	0	0	7
Maryland	19	26	-26.0%	0	0	19	26	NM	0	0	0
North Carolina	18	18	-4.5%	0	0	18	18	0	0	0	0
South Carolina	5	4	14.9%	0	0	NM	NM	0	0	4	4
Virginia	36	35	3.4%	0	0	19	18	17	17	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	2	NM	NM	0	0	0	0	0	0	2	NM
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	2	0	NM	0	0	0	0	0	0	2	0
West South Central	93	43	115.5%	0	0	NM	NM	0	0	93	43
Arkansas	1	1	-2.8%	0	0	0	0	0	0	1	1
Louisiana	38	20	93.2%	0	0	0	0	0	0	38	20
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	53	22	138.3%	0	0	NM	NM	0	0	53	22
Mountain	36	50	-28.3%	NM	NM	31	27	0	0	NM	21
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	NM	4	NM	0	0	NM	NM	0	0	NM	NM
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	30	25	20.5%	0	0	30	25	0	0	0	0
Nevada	NM	NM	NM	NM	NM	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	18	NM	0	0	NM	NM	0	0	0	18
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	74	84	-12.5%	0	0	23	28	0	0	51	56
California	60	68	-11.6%	0	0	15	18	0	0	45	49
Oregon	NM	3	NM	0	0	NM	3	0	0	0	0
Washington	11	13	-16.3%	0	0	5	7	0	0	6	7
Pacific Noncontiguous	14	20	-32.2%	0	NM	0	1	13	15	0	0
Alaska	0	NM	NM	0	NM	0	0	0	0	0	0
Hawaii	14	16	-14.8%	0	0	0	1	13	15	0	0
U.S. Total	959	1,036	-7.4%	20	41	497	587	95	96	347	312

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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 1.16.B. Net Generation from Other Energy Sources

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	445	468	-4.9%	0	0	386	410	28	30	31	28
Connecticut	144	150	-4.3%	0	0	138	144	6	7	0	0
Maine	86	92	-7.3%	0	0	33	41	22	23	31	28
Massachusetts	201	210	-4.5%	0	0	201	210	0	0	0	0
New Hampshire	15	15	-1.3%	0	0	15	15	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	532	525	1.4%	0	0	424	417	108	107	0	0
New Jersey	114	122	-7.0%	0	0	77	87	37	35	0	0
New York	218	220	-0.8%	0	0	170	170	48	50	0	0
Pennsylvania	200	182	9.6%	0	0	177	160	23	23	0	0
East North Central	261	226	15.6%	25	30	40	37	40	36	156	123
Illinois	61	63	-4.2%	0	0	0	0	0	0	61	63
Indiana	101	70	45.5%	18	22	0	0	NM	4	79	43
Michigan	83	79	5.7%	NM	3	40	37	36	32	6	7
Ohio	3	3	-12.3%	0	0	0	0	0	0	3	3
Wisconsin	13	11	19.5%	5	4	0	0	0	0	8	7
West North Central	98	92	5.8%	54	47	25	27	6	6	12	13
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	74	79	-6.1%	31	33	25	27	6	6	12	13
Missouri	15	5	212.4%	15	5	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	8	9	-2.8%	8	9	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	903	951	-5.0%	0	0	506	538	46	46	351	366
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	664	684	-2.9%	0	0	324	347	0	0	340	337
Georgia	0	19	-97.5%	0	0	0	0	0	0	0	19
Maryland	64	70	-8.4%	0	0	64	70	NM	NM	0	0
North Carolina	54	55	-2.2%	0	0	54	55	0	0	0	0
South Carolina	12	13	-4.7%	0	0	NM	NM	0	0	10	11
Virginia	109	111	-1.7%	0	0	63	65	46	46	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	22	NM	NM	16	0	0	0	0	0	6	NM
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	16	0	--	16	0	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	5	0	NM	0	0	0	0	0	0	5	0
West South Central	298	216	37.7%	0	0	NM	NM	0	0	296	215
Arkansas	3	3	11.6%	0	0	0	0	0	0	3	3
Louisiana	134	130	2.8%	0	0	0	0	0	0	134	130
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	158	81	95.5%	0	0	NM	NM	0	0	156	79
Mountain	99	142	-30.3%	6	6	85	83	0	0	8	52
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	10	11	-9.3%	0	0	NM	NM	0	0	8	9
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	82	79	2.7%	0	0	82	79	0	0	0	0
Nevada	6	6	-0.8%	6	6	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	45	NM	0	0	NM	NM	0	0	0	44
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	233	249	-6.5%	0	0	73	79	0	0	160	169
California	190	200	-5.3%	0	0	47	53	0	0	142	147
Oregon	8	9	-3.9%	0	0	8	9	0	0	0	0
Washington	34	40	-13.2%	0	0	17	18	0	0	17	22
Pacific Noncontiguous	47	52	-9.2%	NM	NM	2	2	44	44	0	0
Alaska	NM	NM	NM	NM	NM	0	0	0	0	0	0
Hawaii	46	46	-0.4%	0	0	2	2	44	44	0	0
U.S. Total	2,938	2,922	0.6%	103	89	1,542	1,597	273	269	1,021	968

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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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	231	218	5.9%	27	25	199	191	NM	NM	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	128	119	7.0%	0	0	128	119	0	0	0	0
Massachusetts	22	23	-3.3%	NM	7	13	14	NM	NM	NM	0
New Hampshire	46	45	2.0%	0	0	46	45	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	33	30	10.6%	22	18	12	12	0	0	0	0
Middle Atlantic	851	803	6.1%	0	0	851	802	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	435	399	9.0%	0	0	435	399	0	0	NM	NM
Pennsylvania	415	403	3.0%	0	0	415	403	0	0	0	0
East North Central	2,167	2,053	5.5%	222	195	1,940	1,855	NM	NM	NM	NM
Illinois	1,000	1,068	-6.3%	NM	NM	999	1,066	NM	0	0	0
Indiana	424	323	31.3%	0	0	424	323	NM	NM	0	0
Michigan	472	381	24.0%	116	89	357	292	0	0	0	0
Ohio	107	118	-9.3%	NM	NM	103	114	0	0	NM	NM
Wisconsin	162	163	-0.4%	104	103	58	60	0	0	NM	0
West North Central	4,726	4,921	-4.0%	1,591	1,529	3,132	3,389	NM	NM	0	0
Iowa	1,653	1,733	-4.6%	969	981	683	752	NM	NM	0	0
Kansas	827	1,118	-26.0%	70	97	758	1,021	0	0	0	0
Minnesota	890	903	-1.5%	196	193	692	707	NM	NM	0	0
Missouri	92	127	-27.1%	0	0	92	127	0	0	0	0
Nebraska	284	212	34.2%	21	20	264	192	0	0	0	0
North Dakota	701	557	25.8%	270	174	430	383	0	0	0	0
South Dakota	279	272	2.6%	66	65	213	206	0	0	0	0
South Atlantic	237	205	15.7%	0	0	237	204	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	55	37	49.6%	0	0	55	37	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	181	167	8.3%	0	0	181	167	0	0	0	0
East South Central	5	5	11.5%	0	0	5	5	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	5	5	11.5%	0	0	5	5	0	0	0	0
West South Central	3,485	4,884	-28.6%	122	187	3,361	4,697	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	936	1,182	-20.8%	104	160	832	1,022	0	0	0	0
Texas	2,549	3,702	-31.1%	17	27	2,530	3,675	NM	0	0	0
Mountain	1,760	2,062	-14.6%	218	275	1,541	1,786	NM	NM	NM	NM
Arizona	31	44	-28.8%	0	0	31	44	0	0	0	0
Colorado	685	688	-0.4%	11	18	673	669	NM	NM	NM	NM
Idaho	243	291	-16.5%	14	17	228	273	0	0	0	0
Montana	233	175	33.4%	26	22	208	153	0	0	0	0
Nevada	21	32	-35.3%	0	0	21	32	0	0	0	0
New Mexico	142	251	-43.6%	0	0	141	250	NM	NM	0	0
Utah	46	74	-37.1%	0	0	46	74	0	0	0	0
Wyoming	359	508	-29.3%	167	217	192	291	0	0	0	0
Pacific Contiguous	1,841	2,539	-27.5%	419	583	1,421	1,955	NM	NM	NM	NM
California	853	1,140	-25.2%	42	95	810	1,045	NM	NM	NM	NM
Oregon	415	645	-35.7%	64	101	351	544	0	0	0	0
Washington	573	753	-23.9%	313	387	260	367	0	0	0	0
Pacific Noncontiguous	56	63	-11.2%	10	11	46	53	0	0	0	0
Alaska	14	15	-6.5%	10	11	NM	5	0	0	0	0
Hawaii	42	48	-12.7%	0	0	42	48	0	0	0	0
U.S. Total	15,361	17,753	-13.5%	2,609	2,804	12,734	14,937	12	8	NM	NM

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

Table 1.17.B. Net Generation from Wind

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	674	630	7.1%	81	69	580	551	12	NM	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	370	340	8.8%	0	0	370	340	0	0	0	0
Massachusetts	64	70	-9.0%	17	20	37	42	NM	NM	NM	0
New Hampshire	136	131	3.1%	0	0	136	131	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	99	86	15.4%	64	50	36	36	0	0	0	0
Middle Atlantic	2,381	2,366	0.6%	0	0	2,380	2,365	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	1,259	1,223	2.9%	0	0	1,258	1,222	0	0	NM	NM
Pennsylvania	1,118	1,140	-1.9%	0	0	1,118	1,140	0	0	0	0
East North Central	6,363	6,284	1.2%	615	624	5,736	5,651	NM	NM	11	10
Illinois	2,930	3,226	-9.2%	NM	NM	2,927	3,223	NM	0	0	0
Indiana	1,248	990	26.1%	0	0	1,248	990	NM	NM	0	0
Michigan	1,381	1,157	19.4%	314	276	1,066	880	0	0	0	0
Ohio	343	380	-9.8%	NM	NM	330	366	0	0	NM	10
Wisconsin	461	532	-13.4%	293	340	165	192	0	0	NM	0
West North Central	14,054	14,346	-2.0%	4,697	4,413	9,348	9,923	NM	10	0	0
Iowa	5,041	4,913	2.6%	2,969	2,709	2,071	2,203	NM	NM	0	0
Kansas	2,574	2,922	-11.9%	215	241	2,358	2,681	0	0	0	0
Minnesota	2,596	2,772	-6.3%	548	599	2,041	2,164	NM	9	0	0
Missouri	290	351	-17.4%	0	0	290	351	0	0	0	0
Nebraska	896	608	47.5%	68	61	828	547	0	0	0	0
North Dakota	1,844	1,931	-4.5%	705	605	1,138	1,326	0	0	0	0
South Dakota	814	850	-4.3%	192	198	622	652	0	0	0	0
South Atlantic	618	578	6.9%	0	0	617	577	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	140	98	44.0%	0	0	140	98	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	476	479	-0.7%	0	0	476	479	0	0	0	0
East South Central	14	17	-16.1%	0	0	14	17	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	14	17	-16.1%	0	0	14	17	0	0	0	0
West South Central	11,869	13,260	-10.5%	392	521	11,470	12,739	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	3,068	3,093	-0.8%	335	443	2,734	2,649	0	0	0	0
Texas	8,800	10,168	-13.4%	57	78	8,736	10,090	NM	0	0	0
Mountain	5,242	6,095	-14.0%	696	853	4,543	5,239	NM	NM	NM	NM
Arizona	82	109	-24.7%	0	0	82	109	0	0	0	0
Colorado	2,081	2,045	1.7%	40	56	2,039	1,987	NM	NM	NM	NM
Idaho	632	823	-23.1%	35	49	597	774	0	0	0	0
Montana	652	604	8.0%	76	75	576	529	0	0	0	0
Nevada	72	72	0.5%	0	0	72	72	0	0	0	0
New Mexico	409	694	-41.1%	0	0	408	693	NM	NM	0	0
Utah	118	172	-31.4%	0	0	118	172	0	0	0	0
Wyoming	1,195	1,576	-24.2%	545	674	650	903	0	0	0	0
Pacific Contiguous	4,221	6,018	-29.9%	999	1,377	3,220	4,640	NM	NM	NM	NM
California	1,764	2,628	-32.9%	83	230	1,679	2,397	NM	NM	NM	NM
Oregon	1,087	1,649	-34.1%	173	262	914	1,387	0	0	0	0
Washington	1,370	1,741	-21.3%	742	884	628	857	0	0	0	0
Pacific Noncontiguous	148	152	-2.5%	28	31	120	121	0	0	0	0
Alaska	41	45	-8.8%	28	31	13	14	0	0	0	0
Hawaii	107	107	0.1%	0	0	107	107	0	0	0	0
U.S. Total	45,583	49,746	-8.4%	7,508	7,888	38,027	41,823	32	23	15	12

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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, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	669	704	-4.9%	63	68	442	447	15	15	150	174
Connecticut	68	71	-4.0%	0	0	66	69	NM	3	0	0
Maine	319	327	-2.5%	0	0	161	144	9	9	150	174
Massachusetts	84	105	-19.7%	0	0	84	105	NM	NM	0	0
New Hampshire	129	132	-2.2%	28	34	98	95	NM	3	0	0
Rhode Island	19	19	0.5%	0	0	19	19	0	0	0	0
Vermont	49	50	-0.7%	35	35	14	15	NM	NM	0	0
Middle Atlantic	461	498	-7.5%	0	0	342	375	44	43	75	80
New Jersey	71	82	-12.8%	0	0	57	69	15	13	0	0
New York	188	215	-12.6%	0	0	147	171	18	19	23	25
Pennsylvania	201	201	0.2%	0	0	139	135	10	11	52	54
East North Central	477	548	-13.1%	37	57	276	329	17	13	146	150
Illinois	48	56	-15.6%	0	0	48	56	0	NM	0	0
Indiana	29	33	-11.0%	24	28	0	0	NM	2	4	4
Michigan	211	240	-12.4%	0	0	136	167	14	10	61	63
Ohio	63	71	-11.1%	NM	NM	34	39	0	0	28	31
Wisconsin	126	148	-14.6%	13	29	59	66	NM	NM	53	52
West North Central	162	181	-10.4%	36	44	70	77	8	9	49	50
Iowa	13	15	-12.7%	NM	NM	6	7	NM	2	2	3
Kansas	4	5	-13.4%	0	0	4	5	0	0	0	0
Minnesota	131	145	-9.8%	27	35	57	63	NM	NM	44	46
Missouri	7	10	-29.0%	NM	3	NM	NM	2	4	NM	NM
Nebraska	5	6	-8.1%	4	4	0	0	NM	NM	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,443	1,524	-5.3%	123	151	478	511	33	31	808	832
Delaware	4	5	-13.8%	0	0	4	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	408	431	-5.3%	9	9	217	247	4	3	179	172
Georgia	364	335	8.8%	0	0	56	48	NM	2	306	285
Maryland	42	53	-21.1%	0	0	27	35	NM	NM	12	16
North Carolina	161	211	-23.8%	0	0	80	96	5	5	76	110
South Carolina	158	186	-15.1%	38	40	NM	8	0	0	113	137
Virginia	305	303	0.7%	77	102	87	70	19	18	123	112
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	484	519	-6.7%	7	9	23	21	0	0	453	489
Alabama	266	257	3.6%	0	0	16	13	0	0	250	244
Kentucky	39	45	-12.3%	7	9	0	0	0	0	32	36
Mississippi	100	140	-28.7%	0	0	NM	NM	0	0	99	139
Tennessee	78	77	1.9%	0	0	6	7	0	0	72	70
West South Central	516	521	-0.9%	15	0	64	78	4	3	434	439
Arkansas	124	134	-7.6%	0	0	10	10	NM	NM	114	124
Louisiana	230	214	7.8%	0	0	6	7	0	0	225	207
Oklahoma	26	27	-1.8%	0	0	0	0	0	0	26	27
Texas	135	145	-7.1%	15	0	48	62	3	3	69	81
Mountain	74	87	-14.3%	NM	4	51	49	0	0	20	33
Arizona	21	18	14.8%	NM	2	19	16	0	0	0	0
Colorado	7	8	-14.1%	0	1	7	7	0	0	0	0
Idaho	37	50	-25.7%	NM	NM	16	16	0	0	20	33
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	NM	2	NM	0	0	NM	2	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	5	6	-12.5%	0	0	5	6	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	760	828	-8.2%	61	40	419	479	85	88	195	220
California	536	599	-10.5%	18	13	382	437	83	86	54	63
Oregon	80	93	-13.4%	5	5	30	34	NM	2	44	52
Washington	144	136	5.6%	38	21	7	8	NM	NM	97	106
Pacific Noncontiguous	32	30	7.0%	2	0	0	0	18	19	12	10
Alaska	5	4	16.5%	0	0	0	0	4	4	NM	NM
Hawaii	27	25	5.4%	2	0	0	0	14	15	11	10
U.S. Total	5,078	5,439	-6.6%	346	373	2,165	2,366	223	222	2,343	2,478

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

Table 1.18.B. Net Generation from Biomass

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	2,014	1,990	1.2%	178	197	1,345	1,255	41	43	449	496
Connecticut	194	193	0.3%	0	0	186	186	8	8	0	0
Maine	958	948	1.1%	0	0	486	427	24	24	449	496
Massachusetts	268	281	-4.6%	0	0	267	281	NM	NM	0	0
New Hampshire	398	380	4.8%	85	100	305	271	8	9	0	0
Rhode Island	57	46	23.7%	0	0	57	46	0	0	0	0
Vermont	138	142	-3.1%	93	97	44	45	NM	NM	0	0
Middle Atlantic	1,383	1,377	0.4%	0	0	1,042	1,034	121	119	219	224
New Jersey	224	234	-4.0%	0	0	182	195	42	38	0	0
New York	562	583	-3.6%	0	0	444	459	52	55	66	69
Pennsylvania	596	560	6.4%	0	0	416	379	27	26	153	155
East North Central	1,472	1,573	-6.4%	130	169	854	933	47	41	440	430
Illinois	149	155	-4.2%	0	0	149	155	0	NM	0	0
Indiana	89	91	-2.4%	73	76	0	0	4	5	11	11
Michigan	648	704	-8.0%	0	0	419	482	38	32	191	190
Ohio	193	194	-0.7%	NM	NM	104	107	0	0	86	85
Wisconsin	393	428	-8.2%	54	91	182	189	5	4	152	144
West North Central	498	510	-2.4%	118	118	217	222	28	26	135	144
Iowa	38	40	-4.8%	6	6	20	20	7	7	5	7
Kansas	13	14	-2.9%	0	0	13	14	0	0	0	0
Minnesota	398	411	-3.2%	90	91	179	182	7	5	122	132
Missouri	27	26	2.5%	10	9	5	5	10	10	NM	NM
Nebraska	16	16	-1.0%	11	12	0	0	5	4	0	0
North Dakota	6	4	72.2%	0	0	0	0	0	0	6	4
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	4,414	4,460	-1.0%	427	405	1,450	1,512	94	90	2,443	2,454
Delaware	13	14	-3.4%	0	0	13	14	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,222	1,236	-1.1%	26	24	670	705	12	8	514	498
Georgia	1,043	984	6.0%	0	0	153	144	7	6	883	834
Maryland	133	145	-8.5%	0	0	87	93	10	9	36	42
North Carolina	551	626	-12.0%	0	0	248	305	14	15	289	306
South Carolina	504	573	-12.0%	112	114	23	24	0	0	370	435
Virginia	946	880	7.5%	289	267	254	225	51	51	352	338
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	1,497	1,546	-3.2%	23	24	77	70	0	0	1,397	1,452
Alabama	787	800	-1.6%	0	0	56	48	0	0	731	751
Kentucky	124	128	-2.9%	23	23	0	0	0	0	102	105
Mississippi	342	378	-9.4%	0	1	NM	3	0	0	339	374
Tennessee	243	241	0.8%	0	0	18	19	0	0	225	222
West South Central	1,606	1,529	5.1%	31	0	218	225	12	11	1,346	1,293
Arkansas	401	386	3.8%	0	0	31	29	NM	NM	369	356
Louisiana	682	646	5.5%	0	0	17	18	0	0	664	628
Oklahoma	79	79	-0.6%	0	0	0	0	0	0	79	79
Texas	445	417	6.8%	31	0	170	178	10	10	234	229
Mountain	244	252	-3.2%	9	11	150	147	0	0	85	94
Arizona	60	57	5.8%	6	6	54	51	0	0	0	0
Colorado	21	23	-5.8%	0	2	21	21	0	0	0	0
Idaho	136	145	-6.5%	NM	3	48	49	0	0	85	94
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	6	6	-3.6%	0	0	6	6	0	0	0	0
New Mexico	4	4	0.2%	0	0	4	4	0	0	0	0
Utah	16	17	-2.7%	0	0	16	17	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,319	2,372	-2.2%	184	159	1,308	1,319	245	261	582	633
California	1,649	1,682	-2.0%	56	47	1,191	1,197	237	253	164	185
Oregon	252	269	-6.0%	14	15	94	98	5	5	140	151
Washington	417	421	-0.8%	113	97	23	23	NM	2	278	297
Pacific Noncontiguous	104	94	10.4%	11	5	0	0	58	57	35	32
Alaska	15	14	10.1%	0	0	0	0	12	11	NM	2
Hawaii	89	80	10.4%	11	5	0	0	46	45	32	30
U.S. Total	15,549	15,703	-1.0%	1,110	1,087	6,661	6,716	647	647	7,131	7,252

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

Table 1.19.A. Net Generation from Geothermal by State, by Sector, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
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	349	313	11.4%	21	25	328	288	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	NM	4	NM	0	0	NM	4	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	298	263	13.3%	0	0	298	263	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	44	44	-1.2%	21	25	23	19	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,078	1,061	1.6%	70	72	1,009	989	0	0	0	0
California	1,061	1,043	1.7%	70	72	991	971	0	0	0	0
Oregon	18	18	-3.3%	0	0	18	18	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	20	26	-23.7%	0	0	20	26	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	20	26	-23.7%	0	0	20	26	0	0	0	0
U.S. Total	1,447	1,400	3.3%	91	97	1,356	1,303	0	0	0	0

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

Table 1.19.B. Net Generation from Geothermal

by State, by Sector, Year-to-Date through March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 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	995	927	7.2%	65	74	930	854	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	14	12	15.7%	0	0	14	12	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	844	776	8.7%	0	0	844	776	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	133	135	-1.8%	65	74	68	62	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	3,175	3,089	2.8%	204	206	2,971	2,884	0	0	0	0
California	3,122	3,033	2.9%	204	206	2,917	2,827	0	0	0	0
Oregon	54	56	-4.3%	0	0	54	56	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	54	75	-27.3%	0	0	54	75	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	54	75	-27.3%	0	0	54	75	0	0	0	0
U.S. Total	4,224	4,092	3.2%	269	279	3,955	3,812	0	0	0	0

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

Table 1.20.A. Net Generation from Solar
by State, by Sector, March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	74	30	145.6%	NM	NM	72	29	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	64	25	151.9%	NM	NM	62	25	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	6	NM	NM	0	0	6	NM	0	0	0	0
Middle Atlantic	91	71	29.1%	8	4	64	53	17	12	NM	NM
New Jersey	76	57	33.2%	8	4	51	40	17	12	NM	NM
New York	8	7	12.9%	0	0	7	7	NM	0	0	0
Pennsylvania	8	7	12.2%	0	0	6	6	NM	NM	NM	NM
East North Central	32	22	47.2%	NM	NM	30	21	NM	NM	NM	0
Illinois	6	5	5.8%	NM	0	6	5	0	0	0	0
Indiana	19	11	72.2%	NM	0	19	11	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	7	5	30.2%	NM	NM	5	4	NM	NM	NM	0
Wisconsin	NM	0	--	0	0	NM	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	NM	0	--	0	0	NM	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	0	0	0	0
Missouri	NM	NM	NM	0	0	NM	NM	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	193	116	66.7%	19	19	164	87	10	9	0	0
Delaware	5	5	3.9%	NM	NM	4	4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	21	21	1.1%	15	17	6	4	NM	NM	0	0
Georgia	12	11	8.8%	NM	0	11	11	NM	NM	0	0
Maryland	10	10	3.6%	NM	NM	8	8	NM	NM	0	0
North Carolina	143	68	110.7%	NM	NM	134	59	9	8	0	0
South Carolina	NM	NM	NM	0	0	NM	NM	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	9	2	317.6%	0	0	9	2	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	9	2	317.6%	0	0	9	2	NM	NM	0	0
West South Central	31	24	26.7%	0	0	31	24	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	31	24	26.7%	0	0	31	24	NM	NM	0	0
Mountain	519	411	26.3%	59	41	453	364	7	6	NM	NM
Arizona	295	269	9.4%	46	32	247	235	2	2	0	0
Colorado	26	24	8.9%	0	0	24	22	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	140	78	78.9%	0	0	136	75	4	3	NM	NM
New Mexico	58	39	46.4%	12	8	45	31	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,263	732	72.5%	51	41	1,202	682	9	8	NM	NM
California	1,260	729	72.7%	51	41	1,199	680	9	8	NM	NM
Oregon	3	3	10.8%	NM	NM	NM	2	0	0	0	0
Washington	0	0	2.9%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	6	3	90.8%	NM	0	3	3	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	6	3	90.8%	NM	0	3	3	0	0	0	0
U.S. Total	2,221	1,412	57.3%	143	107	2,030	1,266	46	37	2	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.
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 March 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	155	67	132.2%	NM	NM	150	66	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	134	56	137.9%	NM	NM	129	55	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	13	5	160.4%	0	0	13	5	0	0	0	0
Middle Atlantic	216	151	43.1%	20	9	153	114	40	26	NM	NM
New Jersey	178	122	46.0%	20	9	119	87	38	26	NM	NM
New York	19	15	28.3%	0	0	18	15	NM	0	0	0
Pennsylvania	19	14	33.7%	0	0	16	13	NM	NM	NM	NM
East North Central	74	46	61.4%	NM	NM	68	43	NM	NM	NM	0
Illinois	13	11	16.4%	NM	0	13	11	0	0	0	0
Indiana	45	23	90.3%	NM	0	43	23	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	16	11	44.3%	NM	NM	12	9	NM	NM	NM	0
Wisconsin	NM	0	--	0	0	NM	0	0	0	0	0
West North Central	5	NM	NM	0	0	5	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	NM	0	--	0	0	NM	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	0	0	0	0
Missouri	NM	NM	NM	0	0	NM	NM	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	443	257	72.1%	38	43	382	193	23	21	0	0
Delaware	12	11	9.4%	NM	NM	10	9	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	44	47	-6.2%	30	38	14	9	NM	NM	0	0
Georgia	31	27	11.8%	NM	0	27	27	NM	NM	0	0
Maryland	23	21	10.0%	NM	NM	20	18	NM	NM	0	0
North Carolina	332	150	121.7%	NM	NM	310	129	20	19	0	0
South Carolina	NM	NM	NM	0	0	NM	NM	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	22	NM	NM	0	0	21	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	22	NM	NM	0	0	21	NM	NM	NM	0	0
West South Central	75	53	41.1%	0	0	75	53	NM	NM	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	75	53	41.1%	0	0	75	53	NM	NM	0	0
Mountain	1,188	979	21.4%	132	94	1,039	870	16	14	NM	NM
Arizona	662	644	2.8%	105	75	553	564	4	4	0	0
Colorado	58	57	1.0%	0	0	54	54	4	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	336	184	82.4%	0	0	327	177	8	7	NM	NM
New Mexico	131	93	41.1%	27	19	104	74	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,836	1,559	81.9%	111	94	2,701	1,445	22	19	NM	NM
California	2,829	1,553	82.2%	110	92	2,697	1,441	22	19	NM	NM
Oregon	6	6	1.7%	NM	NM	5	5	0	0	0	0
Washington	0	0	12.2%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	14	7	110.5%	6	0	8	7	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	14	7	110.5%	6	0	8	7	0	0	0	0
U.S. Total	5,028	3,125	60.9%	316	243	4,603	2,795	104	82	5	NM

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

Table 2.1.A. Coal: Consumption for Electricity Generation, by Sector, 2005-March 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	860,729	638,327	217,219	513	4,670
2014	854,416	636,173	212,998	269	4,976
Year 2013					
January	75,049	55,688	18,919	55	386
February	67,129	49,022	17,700	50	358
March	70,469	52,038	17,979	49	404
April	60,807	45,540	14,852	40	374
May	64,688	48,328	15,922	40	399
June	75,054	56,015	18,605	38	395
July	83,213	61,387	21,360	38	429
August	81,970	61,396	20,127	38	408
Sept	72,723	53,126	19,179	38	380
October	66,348	49,423	16,521	37	367
November	65,959	49,621	15,930	42	366
December	77,319	56,743	20,125	47	404
Year 2014					
January	83,600	62,364	20,755	31	449
February	76,252	56,134	19,675	30	413
March	72,234	52,897	18,876	27	435
April	58,151	42,217	15,546	20	369
May	64,018	47,901	15,694	18	405
June	74,488	56,639	17,393	21	435
July	81,580	61,315	19,793	21	450
August	81,164	61,258	19,444	20	442
Sept	69,242	51,465	17,335	19	422
October	61,323	45,819	15,103	16	385
November	64,633	47,394	16,841	21	376
December	67,730	50,769	16,543	24	394
Year 2015					
January	71,518	52,825	18,288	26	379
February	67,181	49,883	16,907	26	365
March	58,445	44,011	14,026	25	384
Year to Date					
2013	212,647	156,748	54,598	154	1,148
2014	232,086	171,396	59,306	88	1,297
2015	197,145	146,719	49,221	78	1,127
Rolling 12 Months Ending in March					
2014	880,168	652,974	221,928	447	4,819
2015	819,475	611,496	202,913	259	4,806

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 2013 and prior years are final. Values for 2014 and 2015 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, 2005-March 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	18,350	0	2,416	843	15,090
2014	18,218	0	2,257	1,054	14,907
Year 2013					
January	1,699	0	225	94	1,381
February	1,527	0	198	88	1,242
March	1,631	0	203	83	1,345
April	1,442	0	192	59	1,191
May	1,479	0	194	66	1,219
June	1,428	0	197	63	1,168
July	1,527	0	219	63	1,245
August	1,496	0	215	63	1,218
Sept	1,404	0	196	58	1,150
October	1,470	0	164	53	1,253
November	1,599	0	212	70	1,318
December	1,647	0	203	83	1,362
Year 2014					
January	1,721	0	193	115	1,413
February	1,600	0	195	115	1,290
March	1,760	0	243	113	1,403
April	1,498	0	207	90	1,202
May	1,492	0	195	74	1,222
June	1,394	0	191	67	1,136
July	1,490	0	200	77	1,213
August	1,474	0	183	70	1,221
Sept	1,413	0	168	71	1,174
October	1,406	0	153	71	1,181
November	1,480	0	178	93	1,209
December	1,491	0	152	97	1,242
Year 2015					
January	1,583	0	176	102	1,306
February	1,387	0	166	92	1,129
March	1,521	0	170	92	1,259
Year to Date					
2013	4,857	0	625	265	3,967
2014	5,081	0	630	344	4,107
2015	4,491	0	512	286	3,693
Rolling 12 Months Ending in March					
2014	18,573	0	2,421	922	15,230
2015	17,628	0	2,138	996	14,494

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 2013 and prior years are final. Values for 2014 and 2015 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, 2005-March 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	879,078	638,327	219,635	1,356	19,761
2014	872,634	636,173	215,255	1,323	19,883
Year 2013					
January	76,748	55,688	19,144	149	1,767
February	68,656	49,022	17,897	137	1,600
March	72,100	52,038	18,182	132	1,748
April	62,249	45,540	15,044	100	1,565
May	66,168	48,328	16,116	105	1,618
June	76,482	56,015	18,802	102	1,563
July	84,740	61,387	21,580	100	1,674
August	83,466	61,396	20,342	102	1,626
Sept	74,127	53,126	19,375	96	1,530
October	67,818	49,423	16,685	91	1,620
November	67,559	49,621	16,142	112	1,683
December	78,966	56,743	20,327	130	1,765
Year 2014					
January	85,321	62,364	20,948	146	1,862
February	77,852	56,134	19,870	145	1,703
March	73,994	52,897	19,119	140	1,838
April	59,650	42,217	15,752	109	1,571
May	65,510	47,901	15,889	92	1,627
June	75,882	56,639	17,584	88	1,571
July	83,070	61,315	19,992	98	1,664
August	82,638	61,258	19,627	90	1,663
Sept	70,655	51,465	17,503	91	1,596
October	62,729	45,819	15,256	88	1,566
November	66,112	47,394	17,019	114	1,585
December	69,221	50,769	16,695	121	1,636
Year 2015					
January	73,101	52,825	18,463	128	1,684
February	68,569	49,883	17,073	119	1,494
March	59,966	44,011	14,196	117	1,643
Year to Date					
2013	217,504	156,748	55,223	418	5,115
2014	237,167	171,396	59,937	431	5,403
2015	201,636	146,719	49,733	363	4,821
Rolling 12 Months Ending in March					
2014	898,741	652,974	224,349	1,369	20,049
2015	837,103	611,496	205,051	1,255	19,301

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 2013 and prior years are final. Values for 2014 and 2015 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, 2005-March 2015 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	23,231	16,827	5,494	328	582
2014	32,084	20,197	10,682	565	640
Year 2013					
January	2,962	1,809	1,036	47	69
February	1,890	1,279	526	35	51
March	1,639	1,334	232	24	50
April	1,685	1,335	282	24	43
May	1,789	1,419	294	20	55
June	1,699	1,321	319	18	41
July	2,546	1,732	740	31	43
August	1,776	1,402	306	26	41
Sept	1,591	1,170	361	19	40
October	1,581	1,247	270	21	44
November	1,657	1,305	282	24	46
December	2,416	1,473	848	38	57
Year 2014					
January	10,637	4,743	5,543	235	117
February	3,131	1,896	1,090	75	70
March	3,602	1,931	1,519	77	74
April	1,498	1,245	205	19	NM
May	1,629	1,318	251	20	40
June	1,522	1,203	255	19	44
July	1,710	1,344	306	20	40
August	1,812	1,380	360	20	52
Sept	1,678	1,358	259	18	43
October	1,523	1,224	246	18	36
November	1,673	1,274	323	21	55
December	1,669	1,280	324	23	41
Year 2015					
January	3,395	2,128	1,119	72	76
February	8,847	3,716	4,811	219	102
March	1,834	1,270	469	30	65
Year to Date					
2013	6,492	4,422	1,793	106	170
2014	17,370	8,571	8,152	387	261
2015	14,077	7,114	6,399	321	242
Rolling 12 Months Ending in March					
2014	34,110	20,976	11,853	608	673
2015	28,791	18,741	8,929	499	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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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, 2005-March 2015 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	3,456	0	1,050	498	1,908
2014	4,289	0	1,197	869	2,223
Year 2013					
January	473	0	63	214	196
February	311	0	79	55	178
March	235	0	89	3	143
April	245	0	89	3	153
May	248	0	92	7	149
June	230	0	86	6	139
July	220	0	90	13	117
August	209	0	90	5	114
Sept	203	0	94	3	106
October	229	0	99	10	120
November	234	0	88	12	134
December	619	0	92	167	360
Year 2014					
January	1,113	0	193	381	539
February	486	0	98	123	266
March	491	0	109	132	251
April	225	0	88	21	NM
May	248	0	92	28	128
June	268	0	90	28	150
July	253	0	98	28	127
August	266	0	96	31	138
Sept	203	0	65	22	116
October	217	0	98	18	101
November	283	0	95	26	162
December	235	0	75	30	130
Year 2015					
January	570	0	107	121	341
February	1,005	0	198	362	444
March	313	0	90	46	178
Year to Date					
2013	1,019	0	231	272	517
2014	2,090	0	399	635	1,056
2015	1,888	0	395	529	964
Rolling 12 Months Ending in March					
2014	4,527	0	1,218	862	2,447
2015	4,086	0	1,193	763	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 2013 and prior years are final. Values for 2014 and 2015 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, 2005-March 2015 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	26,687	16,827	6,544	826	2,490
2014	36,373	20,197	11,879	1,433	2,863
Year 2013					
January	3,435	1,809	1,099	261	265
February	2,202	1,279	604	90	229
March	1,874	1,334	321	27	193
April	1,930	1,335	371	27	196
May	2,037	1,419	386	27	204
June	1,929	1,321	405	24	179
July	2,766	1,732	829	44	160
August	1,985	1,402	396	32	155
Sept	1,794	1,170	455	22	146
October	1,810	1,247	369	31	164
November	1,891	1,305	369	36	181
December	3,035	1,473	940	205	417
Year 2014					
January	11,750	4,743	5,736	616	655
February	3,618	1,896	1,188	197	337
March	4,093	1,931	1,628	209	325
April	1,722	1,245	293	41	NM
May	1,876	1,318	342	48	168
June	1,790	1,203	345	48	194
July	1,964	1,344	405	48	167
August	2,078	1,380	456	51	191
Sept	1,881	1,358	324	40	159
October	1,740	1,224	343	36	136
November	1,957	1,274	419	47	217
December	1,904	1,280	399	53	172
Year 2015					
January	3,965	2,128	1,226	193	417
February	9,852	3,716	5,009	582	546
March	2,148	1,270	559	76	243
Year to Date					
2013	7,510	4,422	2,024	378	687
2014	19,461	8,571	8,552	1,022	1,317
2015	15,965	7,114	6,794	850	1,206
Rolling 12 Months Ending in March					
2014	38,638	20,976	13,071	1,470	3,120
2015	32,877	18,741	10,122	1,262	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 2013 and prior years are final. Values for 2014 and 2015 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, 2005-March 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	4,852	3,409	779	1	662
2014	4,325	3,356	598	2	369
Year 2013					
January	385	253	67	0	65
February	314	220	62	0	32
March	364	236	67	0	60
April	342	217	62	0	63
May	469	361	41	0	68
June	476	348	63	0	66
July	474	337	72	0	65
August	491	332	93	0	66
Sept	442	326	60	0	57
October	404	289	64	0	51
November	308	217	60	0	30
December	381	272	69	0	39
Year 2014					
January	443	349	55	0	39
February	367	276	57	0	35
March	431	332	57	0	42
April	298	212	55	0	30
May	383	301	49	0	33
June	407	326	46	0	35
July	366	285	53	0	29
August	364	286	50	0	28
Sept	352	268	61	0	23
October	222	177	23	0	21
November	278	221	33	0	24
December	414	322	60	0	31
Year 2015					
January	386	300	57	0	30
February	404	317	57	0	30
March	279	196	61	0	23
Year to Date					
2013	1,063	710	196	1	157
2014	1,241	957	169	1	115
2015	1,070	813	174	1	82
Rolling 12 Months Ending in March					
2014	5,030	3,657	752	1	620
2015	4,154	3,211	603	2	337

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 2013 and prior years are final. Values for 2014 and 2015 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, 2005-March 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	1,486	0	96	11	1,379
2014	1,495	0	90	16	1,389
Year 2013					
January	137	0	9	2	127
February	103	0	7	1	94
March	129	0	9	1	119
April	114	0	9	0	105
May	130	0	8	0	123
June	130	0	5	0	125
July	140	0	9	0	132
August	162	0	8	1	152
Sept	115	0	7	1	107
October	118	0	9	1	108
November	92	0	8	1	83
December	115	0	9	1	105
Year 2014					
January	118	0	9	2	108
February	103	0	7	1	95
March	113	0	8	2	103
April	104	0	9	2	93
May	72	0	8	1	63
June	80	0	0	0	79
July	166	0	5	0	161
August	177	0	9	2	167
Sept	158	0	9	2	147
October	121	0	9	1	110
November	139	0	9	2	128
December	145	0	9	2	134
Year 2015					
January	129	0	10	2	117
February	123	0	9	2	112
March	121	0	8	2	111
Year to Date					
2013	369	0	25	4	340
2014	334	0	24	5	306
2015	374	0	27	6	341
Rolling 12 Months Ending in March					
2014	1,451	0	95	11	1,345
2015	1,535	0	93	18	1,424

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
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Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-March 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	6,338	3,409	875	12	2,041
2014	5,820	3,356	688	18	1,758
Year 2013					
January	522	253	76	2	191
February	416	220	69	2	126
March	493	236	76	2	180
April	456	217	71	0	168
May	600	361	48	0	191
June	606	348	68	0	191
July	614	337	80	0	197
August	653	332	101	2	218
Sept	558	326	67	1	164
October	522	289	73	1	158
November	400	217	68	1	114
December	496	272	78	2	144
Year 2014					
January	561	349	64	2	146
February	471	276	63	2	130
March	544	332	65	2	144
April	401	212	64	2	124
May	455	301	57	1	97
June	487	326	46	0	115
July	532	285	57	0	190
August	541	286	59	2	194
Sept	510	268	70	2	170
October	342	177	32	2	131
November	417	221	42	2	152
December	559	322	69	2	165
Year 2015					
January	516	300	67	3	147
February	528	317	65	2	143
March	400	196	69	2	133
Year to Date					
2013	1,432	710	221	5	497
2014	1,575	957	192	5	421
2015	1,444	813	201	7	423
Rolling 12 Months Ending in March					
2014	6,482	3,657	847	13	1,965
2015	5,688	3,211	696	20	1,761

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Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
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Table 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	8,596,299	3,970,447	3,917,131	66,570	642,152
2014	8,502,964	3,723,837	4,106,823	63,797	608,507
Year 2013					
January	666,650	310,174	296,071	5,247	55,159
February	599,100	278,139	266,731	4,807	49,424
March	637,349	293,545	285,259	5,365	53,180
April	595,667	268,467	272,544	5,095	49,562
May	646,296	295,973	294,795	5,160	50,369
June	771,868	363,204	349,597	5,582	53,485
July	949,141	432,493	451,078	7,169	58,401
August	937,197	442,939	430,139	6,449	57,671
Sept	784,619	365,005	361,481	6,005	52,128
October	669,764	312,216	300,858	4,993	51,697
November	633,885	284,526	291,241	4,881	53,237
December	704,762	323,768	317,338	5,817	57,840
Year 2014					
January	693,701	309,154	323,905	5,723	54,919
February	576,829	248,391	274,859	5,194	48,385
March	589,375	256,913	274,764	5,253	52,446
April	578,188	255,080	270,394	4,837	47,877
May	675,243	314,387	307,894	4,812	48,150
June	752,363	335,439	362,926	5,099	48,899
July	875,603	379,006	438,296	5,690	52,612
August	929,599	410,371	460,830	5,902	52,497
Sept	803,586	341,201	406,533	5,543	50,309
October	730,714	308,587	369,739	5,340	47,048
November	630,894	274,273	300,545	5,079	50,997
December	666,868	291,034	316,139	5,327	54,369
Year 2015					
January	744,386	327,173	357,433	5,408	54,372
February	674,793	307,810	316,262	4,633	46,088
March	740,011	335,198	352,615	5,328	46,870
Year to Date					
2013	1,903,100	881,858	848,061	15,419	157,763
2014	1,859,906	814,459	873,528	16,169	155,750
2015	2,159,190	970,181	1,026,310	15,369	147,330
Rolling 12 Months Ending in March					
2014	8,553,105	3,903,048	3,942,599	67,319	640,139
2015	8,802,248	3,879,559	4,259,605	62,997	600,087

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
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Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output, by Sector, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	882,385	0	303,177	51,057	528,151
2014	877,106	0	318,451	48,004	510,651
Year 2013					
January	74,638	0	25,440	4,277	44,920
February	67,391	0	23,519	3,883	39,989
March	73,151	0	25,107	4,051	43,993
April	70,245	0	23,817	3,571	42,857
May	70,784	0	24,040	3,703	43,041
June	70,610	0	24,349	4,045	42,216
July	78,649	0	27,553	4,968	46,128
August	78,207	0	27,452	4,811	45,943
Sept	72,884	0	24,996	4,358	43,529
October	72,095	0	23,964	4,137	43,993
November	73,889	0	25,253	4,336	44,300
December	79,843	0	27,687	4,915	47,241
Year 2014					
January	83,146	0	29,951	4,988	48,208
February	70,254	0	25,737	4,099	40,417
March	75,879	0	27,211	3,919	44,750
April	69,916	0	24,871	3,722	41,322
May	67,839	0	25,369	3,659	38,810
June	69,467	0	25,670	3,583	40,213
July	71,858	0	26,661	3,663	41,534
August	74,509	0	27,513	4,010	42,986
Sept	70,872	0	25,097	3,789	41,986
October	72,080	0	25,339	4,068	42,674
November	73,467	0	26,525	4,155	42,788
December	77,820	0	28,508	4,348	44,964
Year 2015					
January	79,631	0	28,268	4,862	46,501
February	72,565	0	25,489	4,536	42,540
March	81,551	0	28,867	4,724	47,960
Year to Date					
2013	215,180	0	74,066	12,212	128,903
2014	229,279	0	82,899	13,006	133,374
2015	233,747	0	82,624	14,122	137,001
Rolling 12 Months Ending in March					
2014	896,484	0	312,010	51,851	532,622
2015	881,574	0	318,176	49,120	514,278

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 2.4.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	9,478,685	3,970,447	4,220,309	117,626	1,170,303
2014	9,380,070	3,723,837	4,425,274	111,801	1,119,158
Year 2013					
January	741,288	310,174	321,512	9,524	100,079
February	666,492	278,139	290,249	8,690	89,413
March	710,500	293,545	310,365	9,417	97,174
April	665,912	268,467	296,361	8,666	92,419
May	717,080	295,973	318,835	8,863	93,410
June	842,478	363,204	373,946	9,627	95,701
July	1,027,790	432,493	478,631	12,137	104,529
August	1,015,404	442,939	457,592	11,260	103,614
Sept	857,503	365,005	386,477	10,363	95,657
October	741,859	312,216	324,822	9,130	95,691
November	707,774	284,526	316,494	9,218	97,537
December	784,605	323,768	345,024	10,732	105,081
Year 2014					
January	776,847	309,154	353,856	10,711	103,127
February	647,083	248,391	300,597	9,293	88,802
March	665,254	256,913	301,974	9,171	97,196
April	648,104	255,080	295,265	8,560	89,199
May	743,082	314,387	333,263	8,472	86,960
June	821,830	335,439	388,596	8,683	89,112
July	947,462	379,006	464,957	9,353	94,146
August	1,004,108	410,371	488,342	9,912	95,483
Sept	874,458	341,201	431,630	9,332	92,295
October	802,794	308,587	395,078	9,408	89,722
November	704,361	274,273	327,069	9,233	93,785
December	744,688	291,034	344,647	9,674	99,333
Year 2015					
January	824,017	327,173	385,701	10,270	100,873
February	747,358	307,810	341,750	9,169	88,628
March	821,562	335,198	381,482	10,052	94,830
Year to Date					
2013	2,118,280	881,858	922,126	27,630	286,666
2014	2,089,184	814,459	956,427	29,175	289,124
2015	2,392,937	970,181	1,108,934	29,491	284,331
Rolling 12 Months Ending in March					
2014	9,449,589	3,903,048	4,254,609	119,171	1,172,761
2015	9,683,823	3,879,559	4,577,781	112,118	1,114,365

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

Table 2.5.A. Landfill Gas: Consumption for Electricity Generation, by Sector, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	271,967	27,259	211,942	28,143	4,623
2014	313,570	33,312	247,487	27,676	5,096
Year 2013					
January	22,446	2,169	17,413	2,494	371
February	20,061	1,962	15,670	2,098	331
March	23,296	2,302	18,243	2,384	366
April	21,467	2,261	16,911	1,942	353
May	23,275	2,317	18,229	2,343	387
June	22,614	2,168	17,652	2,407	387
July	23,199	2,109	18,232	2,469	389
August	24,445	2,964	18,590	2,515	377
Sept	22,680	2,272	17,654	2,366	388
October	22,199	2,286	17,082	2,432	400
November	22,709	2,210	17,825	2,252	422
December	23,576	2,241	18,441	2,441	453
Year 2014					
January	27,091	2,832	21,015	2,743	501
February	23,537	2,481	18,251	2,398	408
March	26,931	2,849	21,125	2,511	446
April	26,222	2,788	20,736	2,280	418
May	26,175	2,785	20,799	2,205	385
June	26,101	2,787	20,855	2,083	376
July	27,329	2,917	21,786	2,228	398
August	26,616	2,829	21,057	2,320	411
Sept	25,348	2,717	20,111	2,131	389
October	26,154	2,799	20,625	2,295	434
November	25,486	2,731	20,286	2,016	453
December	26,580	2,798	20,841	2,466	476
Year 2015					
January	27,317	2,852	21,195	2,764	505
February	23,447	2,442	18,227	2,349	430
March	25,450	2,633	19,699	2,640	479
Year to Date					
2013	65,803	6,433	51,327	6,976	1,068
2014	77,559	8,162	60,391	7,651	1,355
2015	76,214	7,926	59,121	7,753	1,414
Rolling 12 Months Ending in March					
2014	283,723	28,988	221,006	28,819	4,910
2015	312,225	33,076	246,217	27,777	5,155

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.5.B. Landfill Gas: Consumption for Useful Thermal Output, by Sector, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	831	0	261	423	147
2014	1,803	0	1,016	596	191
Year 2013					
January	64	0	18	33	12
February	64	0	22	30	11
March	60	0	23	24	13
April	76	0	28	37	11
May	86	0	35	40	11
June	79	0	30	37	12
July	87	0	35	39	13
August	77	0	27	37	13
Sept	65	0	17	35	12
October	62	0	15	35	12
November	54	0	4	38	12
December	59	0	8	38	13
Year 2014					
January	230	0	127	72	31
February	211	0	114	59	37
March	152	0	82	51	19
April	83	0	49	34	0
May	88	0	49	35	4
June	65	0	37	28	0
July	73	0	42	31	0
August	80	0	46	34	0
Sept	75	0	44	31	0
October	234	0	134	72	28
November	264	0	153	75	36
December	247	0	139	73	35
Year 2015					
January	355	0	207	96	53
February	320	0	182	83	54
March	268	0	150	79	39
Year to Date					
2013	187	0	64	88	36
2014	593	0	323	182	88
2015	943	0	539	258	146
Rolling 12 Months Ending in March					
2014	1,237	0	521	518	198
2015	2,152	0	1,231	672	249

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

Table 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	272,798	27,259	212,203	28,566	4,770
2014	315,373	33,312	248,503	28,272	5,287
Year 2013					
January	22,510	2,169	17,431	2,527	383
February	20,125	1,962	15,692	2,128	342
March	23,355	2,302	18,267	2,408	378
April	21,542	2,261	16,939	1,979	364
May	23,361	2,317	18,263	2,383	398
June	22,693	2,168	17,682	2,443	400
July	23,286	2,109	18,267	2,508	402
August	24,522	2,964	18,617	2,552	390
Sept	22,744	2,272	17,671	2,402	400
October	22,261	2,286	17,096	2,467	413
November	22,764	2,210	17,829	2,290	434
December	23,635	2,241	18,448	2,479	466
Year 2014					
January	27,321	2,832	21,142	2,814	532
February	23,748	2,481	18,365	2,457	445
March	27,083	2,849	21,207	2,562	465
April	26,305	2,788	20,785	2,314	418
May	26,263	2,785	20,848	2,240	389
June	26,166	2,787	20,892	2,111	376
July	27,402	2,917	21,828	2,259	398
August	26,695	2,829	21,102	2,354	411
Sept	25,423	2,717	20,155	2,162	389
October	26,388	2,799	20,759	2,367	463
November	25,750	2,731	20,439	2,092	489
December	26,827	2,798	20,980	2,539	511
Year 2015					
January	27,672	2,852	21,402	2,860	558
February	23,767	2,442	18,409	2,432	484
March	25,718	2,633	19,848	2,719	517
Year to Date					
2013	65,990	6,433	51,390	7,063	1,104
2014	78,153	8,162	60,714	7,834	1,443
2015	77,156	7,926	59,660	8,011	1,559
Rolling 12 Months Ending in March					
2014	284,960	28,988	221,527	29,337	5,109
2015	314,377	33,076	247,448	28,449	5,404

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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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, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	17,007	456	14,057	2,485	8
2014	15,755	444	13,069	2,234	8
Year 2013					
January	1,328	32	1,115	181	0
February	1,199	30	1,000	169	0
March	1,411	31	1,175	205	1
April	1,371	43	1,121	206	1
May	1,480	43	1,218	218	1
June	1,503	40	1,242	220	1
July	1,549	44	1,278	226	1
August	1,478	40	1,213	224	1
Sept	1,408	38	1,154	216	1
October	1,403	41	1,155	206	0
November	1,350	40	1,107	203	0
December	1,528	35	1,280	213	1
Year 2014					
January	1,288	28	1,064	194	1
February	1,126	24	944	157	1
March	1,344	38	1,121	185	1
April	1,305	44	1,077	183	0
May	1,341	42	1,120	179	0
June	1,328	40	1,105	183	0
July	1,409	44	1,166	198	0
August	1,388	38	1,152	198	0
Sept	1,312	38	1,090	185	0
October	1,300	40	1,074	185	1
November	1,304	32	1,080	191	1
December	1,310	36	1,076	197	1
Year 2015					
January	1,287	31	1,064	192	1
February	1,132	24	943	165	1
March	1,225	28	1,006	190	1
Year to Date					
2013	3,939	93	3,290	554	2
2014	3,758	91	3,129	536	2
2015	3,644	82	3,012	546	3
Rolling 12 Months Ending in March					
2014	16,826	455	13,896	2,467	9
2015	15,641	435	12,953	2,245	8

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, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	1,865	0	517	1,160	187
2014	1,819	0	594	1,077	148
Year 2013					
January	156	0	42	98	17
February	143	0	40	91	12
March	167	0	47	104	16
April	164	0	40	109	15
May	153	0	32	105	16
June	167	0	47	103	17
July	158	0	45	95	18
August	155	0	44	93	17
Sept	152	0	39	97	16
October	150	0	46	91	13
November	141	0	46	82	14
December	159	0	48	94	16
Year 2014					
January	155	0	55	87	13
February	128	0	46	72	10
March	153	0	47	93	13
April	154	0	52	88	13
May	150	0	49	89	12
June	153	0	52	89	13
July	159	0	50	96	14
August	143	0	41	90	12
Sept	147	0	43	91	12
October	152	0	53	88	11
November	156	0	50	93	12
December	170	0	56	101	13
Year 2015					
January	173	0	66	94	13
February	129	0	46	74	9
March	163	0	58	93	12
Year to Date					
2013	467	0	129	292	45
2014	435	0	148	252	35
2015	465	0	171	261	33
Rolling 12 Months Ending in March					
2014	1,833	0	536	1,120	177
2015	1,849	0	616	1,087	147

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.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and

Useful Thermal Output, by Sector, 2005-March 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
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	18,871	456	14,574	3,646	195
2014	17,574	444	13,663	3,311	156
Year 2013					
January	1,484	32	1,157	278	17
February	1,342	30	1,040	259	13
March	1,579	31	1,222	309	17
April	1,535	43	1,161	315	16
May	1,633	43	1,250	323	17
June	1,669	40	1,289	322	18
July	1,707	44	1,323	322	18
August	1,633	40	1,257	317	18
Sept	1,559	38	1,193	312	17
October	1,552	41	1,201	297	13
November	1,491	40	1,152	284	14
December	1,687	35	1,328	307	17
Year 2014					
January	1,442	28	1,119	281	14
February	1,253	24	990	229	10
March	1,497	38	1,168	278	13
April	1,459	44	1,130	272	14
May	1,491	42	1,169	268	12
June	1,481	40	1,156	271	13
July	1,568	44	1,216	294	14
August	1,531	38	1,193	288	13
Sept	1,459	38	1,132	276	13
October	1,452	40	1,127	273	13
November	1,460	32	1,131	284	14
December	1,480	36	1,132	298	14
Year 2015					
January	1,460	31	1,130	286	14
February	1,262	24	989	238	10
March	1,388	28	1,064	283	13
Year to Date					
2013	4,405	93	3,419	847	46
2014	4,193	91	3,277	788	37
2015	4,109	82	3,183	807	36
Rolling 12 Months Ending in March					
2014	18,659	455	14,432	3,586	186
2015	17,490	435	13,569	3,331	155

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 2013 and prior years are final. Values for 2014 and 2015 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, March 2015 and March 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	330	570	-42.0%	75	134	253	434	0	0	2	3
Connecticut	91	132	-32.0%	0	0	91	132	0	0	0	0
Maine	4	3	4.6%	0	0	2	1	0	0	2	2
Massachusetts	161	301	-47.0%	0	0	160	300	0	0	0	NM
New Hampshire	75	134	-44.0%	75	134	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	3,047	4,168	-27.0%	NM	NM	3,017	4,141	4	NM	25	25
New Jersey	52	117	-56.0%	0	0	52	117	0	0	0	0
New York	122	335	-64.0%	NM	NM	115	329	0	0	7	6
Pennsylvania	2,873	3,715	-23.0%	0	0	2,851	3,695	4	NM	18	19
East North Central	14,120	17,095	-17.0%	9,878	11,952	4,141	5,028	5	8	96	107
Illinois	3,926	4,695	-16.0%	488	536	3,384	4,100	2	2	52	56
Indiana	3,128	4,247	-26.0%	2,913	4,035	214	210	1	1	0	NM
Michigan	2,371	2,660	-11.0%	2,330	2,613	21	21	2	4	19	22
Ohio	2,973	3,740	-21.0%	2,445	3,035	522	697	NM	NM	6	9
Wisconsin	1,721	1,753	-1.8%	1,701	1,733	0	0	NM	NM	20	20
West North Central	10,114	11,766	-14.0%	9,963	11,601	1	1	5	7	144	157
Iowa	1,643	1,716	-4.3%	1,566	1,635	0	0	3	4	74	78
Kansas	1,355	1,497	-9.5%	1,355	1,497	0	0	0	0	0	0
Minnesota	1,186	1,386	-14.0%	1,155	1,350	0	0	0	0	31	36
Missouri	2,898	3,686	-21.0%	2,893	3,678	1	1	2	3	2	3
Nebraska	1,160	1,321	-12.0%	1,129	1,289	0	0	0	0	31	32
North Dakota	1,871	1,974	-5.2%	1,865	1,967	0	0	0	0	6	8
South Dakota	0	186	-100.0%	0	186	0	0	0	0	0	0
South Atlantic	8,396	10,849	-23.0%	7,064	8,632	1,290	2,161	3	2	39	54
Delaware	23	57	-59.0%	0	0	23	57	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,404	1,589	-12.0%	1,402	1,533	0	52	0	0	NM	3
Georgia	1,410	1,627	-13.0%	1,406	1,617	0	0	0	0	4	10
Maryland	498	910	-45.0%	0	0	493	904	NM	NM	3	5
North Carolina	1,327	2,029	-35.0%	1,292	1,969	NM	55	2	1	NM	4
South Carolina	684	875	-22.0%	679	869	0	0	0	0	5	6
Virginia	629	774	-19.0%	592	680	31	84	NM	NM	6	10
West Virginia	2,422	2,990	-19.0%	1,693	1,964	712	1,010	0	0	17	16
East South Central	5,754	7,028	-18.0%	5,454	6,957	279	45	0	NM	21	25
Alabama	1,396	1,679	-17.0%	1,393	1,676	0	0	0	0	NM	3
Kentucky	2,850	3,197	-11.0%	2,850	3,197	0	0	0	0	0	0
Mississippi	351	310	13.0%	73	265	279	45	0	0	0	0
Tennessee	1,156	1,841	-37.0%	1,138	1,819	0	0	0	NM	18	22
West South Central	8,318	11,726	-29.0%	4,250	5,935	4,060	5,775	0	0	NM	16
Arkansas	916	1,674	-45.0%	661	1,409	253	263	0	0	1	2
Louisiana	893	869	2.8%	454	349	439	520	0	0	0	0
Oklahoma	1,311	1,510	-13.0%	1,255	1,450	49	45	0	0	NM	15
Texas	5,198	7,673	-32.0%	1,879	2,727	3,320	4,946	0	0	0	0
Mountain	8,251	8,565	-3.7%	7,309	7,545	903	981	0	0	39	39
Arizona	1,550	1,771	-12.0%	1,550	1,771	0	0	0	0	0	0
Colorado	1,460	1,292	13.0%	1,459	1,289	NM	NM	0	0	NM	NM
Idaho	2	2	-5.5%	0	0	0	0	0	0	2	2
Montana	826	847	-2.5%	NM	NM	804	824	0	0	NM	NM
Nevada	101	287	-65.0%	61	199	40	88	0	0	0	0
New Mexico	852	1,006	-15.0%	852	1,006	0	0	0	0	0	0
Utah	1,217	1,149	5.9%	1,176	1,100	NM	NM	0	0	19	18
Wyoming	2,244	2,211	1.5%	2,190	2,157	NM	NM	0	0	18	18
Pacific Contiguous	7	367	-98.0%	0	124	NM	236	0	0	7	7
California	6	32	-81.0%	0	0	NM	26	0	0	6	6
Oregon	0	124	-100.0%	0	124	0	0	0	0	0	0
Washington	1	211	-100.0%	0	0	0	210	0	0	1	1
Pacific Noncontiguous	108	99	8.8%	18	17	81	73	9	8	NM	NM
Alaska	43	42	2.2%	18	17	17	17	9	8	0	0
Hawaii	65	57	14.0%	0	0	64	55	0	0	NM	NM
U.S. Total	58,445	72,234	-19.0%	44,011	52,897	14,026	18,876	25	27	384	435

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 March 2015 and March 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	1,344	1,609	-16.0%	352	383	985	1,219	0	0	7	6
Connecticut	336	361	-6.9%	0	0	336	361	0	0	0	0
Maine	11	9	26.0%	0	0	6	4	0	0	6	5
Massachusetts	644	856	-25.0%	0	0	643	854	0	0	1	2
New Hampshire	352	383	-8.0%	352	383	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	10,551	12,886	-18.0%	NM	NM	10,466	12,802	10	2	73	78
New Jersey	369	496	-26.0%	0	0	369	496	0	0	0	0
New York	530	1,106	-52.0%	NM	NM	510	1,084	0	0	18	19
Pennsylvania	9,652	11,284	-14.0%	0	0	9,586	11,222	10	2	55	59
East North Central	45,935	53,276	-14.0%	32,223	37,792	13,408	15,137	13	26	291	322
Illinois	12,606	14,148	-11.0%	1,423	1,665	11,021	12,310	5	6	158	166
Indiana	10,695	13,588	-21.0%	10,016	12,901	674	676	3	9	1	2
Michigan	7,131	7,946	-10.0%	7,005	7,803	64	67	4	10	58	67
Ohio	9,867	11,526	-14.0%	8,198	9,416	1,649	2,083	NM	NM	20	26
Wisconsin	5,637	6,068	-7.1%	5,582	6,007	0	0	NM	NM	55	61
West North Central	33,607	37,176	-9.6%	33,149	36,648	4	4	17	23	437	501
Iowa	5,236	5,562	-5.9%	5,006	5,308	0	0	11	14	219	240
Kansas	3,988	4,713	-15.0%	3,988	4,713	0	0	0	0	0	0
Minnesota	4,192	4,589	-8.6%	4,095	4,462	0	0	0	0	98	126
Missouri	10,436	11,643	-10.0%	10,417	11,618	4	4	7	9	8	11
Nebraska	3,484	4,070	-14.0%	3,391	3,972	0	0	0	0	93	99
North Dakota	5,937	6,105	-2.7%	5,918	6,080	0	0	0	0	19	24
South Dakota	335	495	-32.0%	335	495	0	0	0	0	0	0
South Atlantic	29,857	36,225	-18.0%	24,783	29,671	4,941	6,380	10	9	124	166
Delaware	158	221	-29.0%	0	0	158	221	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,166	5,609	-26.0%	4,160	5,542	0	57	0	0	6	10
Georgia	4,924	6,385	-23.0%	4,909	6,353	0	0	0	0	15	32
Maryland	2,037	2,757	-26.0%	0	0	2,023	2,740	NM	NM	11	14
North Carolina	4,841	6,233	-22.0%	4,757	6,070	71	146	6	5	6	12
South Carolina	2,724	3,031	-10.0%	2,710	3,012	0	0	0	0	14	19
Virginia	2,403	2,940	-18.0%	2,243	2,686	141	228	NM	NM	18	25
West Virginia	8,604	9,049	-4.9%	6,003	6,008	2,547	2,988	0	0	54	54
East South Central	19,962	23,379	-15.0%	19,034	22,703	863	598	1	2	63	76
Alabama	4,543	6,047	-25.0%	4,532	6,034	0	0	0	0	11	13
Kentucky	9,813	10,563	-7.1%	9,813	10,563	0	0	0	0	0	0
Mississippi	1,339	1,606	-17.0%	475	1,008	863	598	0	0	0	0
Tennessee	4,268	5,163	-17.0%	4,214	5,098	0	0	1	2	52	63
West South Central	30,178	37,920	-20.0%	14,977	19,386	15,174	18,493	0	0	27	41
Arkansas	3,101	5,197	-40.0%	2,585	4,413	512	779	0	0	4	5
Louisiana	3,285	2,969	11.0%	1,707	1,047	1,577	1,922	0	0	0	0
Oklahoma	4,088	4,839	-16.0%	3,842	4,576	223	227	0	0	23	37
Texas	19,704	24,914	-21.0%	6,842	9,350	12,862	15,565	0	0	0	0
Mountain	24,986	27,296	-8.5%	22,134	24,205	2,770	3,008	0	0	82	83
Arizona	4,558	5,471	-17.0%	4,558	5,471	0	0	0	0	0	0
Colorado	4,522	4,663	-3.0%	4,518	4,656	NM	6	0	0	NM	NM
Idaho	5	6	-7.4%	0	0	0	0	0	0	5	6
Montana	2,532	2,629	-3.7%	NM	NM	2,463	2,556	0	0	2	3
Nevada	322	1,020	-68.0%	201	771	121	249	0	0	0	0
New Mexico	2,617	2,863	-8.6%	2,617	2,863	0	0	0	0	0	0
Utah	3,819	3,744	2.0%	3,725	3,638	75	88	0	0	19	18
Wyoming	6,610	6,901	-4.2%	6,448	6,736	NM	109	0	0	55	56
Pacific Contiguous	420	2,025	-79.0%	14	556	386	1,449	0	0	20	19
California	19	43	-55.0%	0	0	NM	27	0	0	18	16
Oregon	14	556	-97.0%	14	556	0	0	0	0	0	0
Washington	387	1,426	-73.0%	0	0	385	1,423	0	0	2	3
Pacific Noncontiguous	304	295	3.1%	51	49	224	215	26	26	NM	NM
Alaska	128	127	0.8%	51	49	52	52	26	26	0	0
Hawaii	176	168	4.9%	0	0	173	163	0	0	NM	NM
U.S. Total	197,145	232,086	-15.0%	146,719	171,396	49,221	59,306	78	88	1,127	1,297

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

Table 2.8.A. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, March 2015 and March 2014 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	124	705	-82.0%	17	102	96	571	8	23	2	9
Connecticut	12	157	-92.0%	NM	NM	10	151	NM	NM	NM	NM
Maine	45	140	-68.0%	NM	NM	42	131	NM	NM	2	8
Massachusetts	48	299	-84.0%	1	39	43	250	NM	NM	NM	NM
New Hampshire	13	74	-82.0%	12	53	NM	19	NM	NM	NM	NM
Rhode Island	4	26	-87.0%	2	NM	0	20	1	4	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	250	805	-69.0%	55	289	179	495	NM	NM	13	NM
New Jersey	17	98	-83.0%	NM	NM	17	95	NM	NM	NM	NM
New York	164	580	-72.0%	55	289	98	276	NM	NM	10	10
Pennsylvania	68	127	-46.0%	NM	NM	65	124	NM	NM	NM	NM
East North Central	98	155	-37.0%	77	95	18	58	NM	NM	3	NM
Illinois	8	19	-60.0%	2	NM	5	15	NM	NM	0	0
Indiana	25	18	37.0%	24	17	0	0	NM	NM	2	1
Michigan	20	22	-9.7%	19	22	0	0	0	0	0	NM
Ohio	37	78	-52.0%	25	37	11	41	NM	NM	1	NM
Wisconsin	8	17	-56.0%	6	15	1	2	NM	NM	0	NM
West North Central	89	111	-20.0%	83	103	NM	8	NM	NM	NM	NM
Iowa	8	13	-42.0%	7	13	NM	NM	NM	NM	NM	NM
Kansas	15	12	26.0%	15	12	0	0	0	0	0	0
Minnesota	15	30	-49.0%	10	22	NM	7	NM	NM	NM	NM
Missouri	12	33	-64.0%	12	33	NM	NM	NM	NM	0	0
Nebraska	5	13	-62.0%	5	13	0	0	0	0	0	0
North Dakota	9	6	49.0%	9	6	0	0	NM	NM	NM	NM
South Dakota	25	NM	NM	25	NM	NM	NM	NM	NM	0	0
South Atlantic	226	670	-66.0%	164	377	38	236	NM	NM	7	9
Delaware	6	43	-87.0%	NM	NM	6	43	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	42	105	-60.0%	40	102	NM	NM	0	0	NM	NM
Georgia	13	12	7.6%	10	NM	NM	NM	NM	NM	2	3
Maryland	46	198	-77.0%	4	NM	26	147	NM	NM	NM	NM
North Carolina	25	55	-55.0%	22	52	NM	NM	NM	NM	2	NM
South Carolina	18	46	-59.0%	16	42	NM	NM	NM	NM	1	2
Virginia	55	187	-71.0%	49	156	4	29	NM	NM	1	NM
West Virginia	22	24	-11.0%	21	11	0	13	0	0	0	0
East South Central	44	44	-0.4%	41	40	NM	1	NM	NM	3	NM
Alabama	13	NM	NM	11	7	NM	1	0	0	2	NM
Kentucky	18	22	-21.0%	18	22	0	0	0	0	0	0
Mississippi	2	NM	NM	NM	NM	0	0	0	0	0	0
Tennessee	12	9	31.0%	11	9	0	0	NM	NM	NM	NM
West South Central	39	47	-17.0%	20	27	19	19	NM	NM	1	NM
Arkansas	9	4	100.0%	8	3	0	2	0	0	1	0
Louisiana	8	13	-43.0%	5	NM	3	11	0	0	0	1
Oklahoma	2	NM	NM	2	4	0	0	NM	NM	NM	NM
Texas	21	25	-18.0%	5	19	16	6	NM	NM	NM	NM
Mountain	36	61	-41.0%	30	58	NM	NM	NM	NM	NM	NM
Arizona	6	32	-81.0%	6	32	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	NM	NM	NM	NM	NM	4	3	0	0	0	0
Nevada	1	3	-49.0%	1	3	0	0	0	0	0	0
New Mexico	NM	12	NM	11	11	NM	NM	0	0	NM	NM
Utah	NM	NM	NM	2	NM	NM	NM	0	0	NM	NM
Wyoming	6	5	16.0%	6	5	0	0	0	0	NM	NM
Pacific Contiguous	13	15	-12.0%	NM	9	NM	NM	NM	NM	1	2
California	NM	NM	NM	5	5	NM	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	0	3	0	0	NM	NM	0	0
Washington	2	5	-63.0%	NM	NM	NM	2	NM	NM	1	1
Pacific Noncontiguous	916	989	-7.4%	778	831	102	125	1	NM	34	32
Alaska	137	115	20.0%	129	108	0	0	NM	NM	7	6
Hawaii	779	874	-11.0%	649	723	102	125	1	0	27	26
U.S. Total	1,834	3,602	-49.0%	1,270	1,931	469	1,519	30	77	65	74

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 March 2015 and March 2014 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	3,025	3,314	-8.7%	280	457	2,613	2,708	91	116	41	33
Connecticut	640	811	-21.0%	NM	NM	630	791	NM	NM	NM	NM
Maine	801	454	77.0%	NM	NM	756	419	NM	NM	39	26
Massachusetts	1,165	1,471	-21.0%	79	223	1,050	1,196	NM	NM	NM	NM
New Hampshire	263	430	-39.0%	185	196	67	219	NM	NM	NM	NM
Rhode Island	134	108	24.0%	6	5	110	82	17	20	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	3,807	4,912	-22.0%	1,252	1,477	2,485	3,353	NM	NM	46	47
New Jersey	420	742	-43.0%	NM	NM	417	731	NM	NM	NM	NM
New York	2,658	3,261	-18.0%	1,251	1,476	1,351	1,726	NM	NM	33	NM
Pennsylvania	728	909	-20.0%	NM	NM	717	896	NM	NM	NM	NM
East North Central	328	600	-45.0%	262	367	55	220	NM	NM	9	12
Illinois	24	53	-54.0%	NM	NM	14	38	NM	NM	0	0
Indiana	93	84	11.0%	87	78	0	0	NM	NM	6	5
Michigan	53	82	-36.0%	51	79	0	0	1	0	1	3
Ohio	132	327	-60.0%	90	149	39	175	NM	NM	NM	NM
Wisconsin	26	53	-51.0%	24	46	1	6	NM	NM	0	NM
West North Central	193	314	-39.0%	182	292	NM	21	NM	NM	1	1
Iowa	NM	46	NM	NM	45	NM	NM	NM	NM	NM	NM
Kansas	40	NM	NM	40	NM	0	0	0	0	0	0
Minnesota	28	77	-63.0%	19	55	NM	20	NM	NM	NM	1
Missouri	50	100	-50.0%	50	100	NM	NM	NM	NM	0	0
Nebraska	13	32	-61.0%	13	32	0	0	0	0	0	0
North Dakota	17	17	2.3%	17	16	0	0	NM	NM	NM	NM
South Dakota	27	12	135.0%	27	11	NM	NM	NM	NM	0	0
South Atlantic	3,189	4,289	-26.0%	2,210	2,678	737	1,336	NM	230	43	45
Delaware	197	235	-16.0%	NM	NM	196	234	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	354	269	32.0%	342	258	NM	NM	0	0	NM	NM
Georgia	173	205	-16.0%	75	129	84	60	NM	NM	13	15
Maryland	415	964	-57.0%	NM	NM	204	716	NM	229	NM	NM
North Carolina	530	594	-11.0%	480	542	36	42	NM	NM	13	9
South Carolina	275	390	-29.0%	252	361	NM	NM	NM	NM	6	7
Virginia	1,176	1,528	-23.0%	995	1,306	176	215	NM	NM	NM	6
West Virginia	70	106	-34.0%	52	64	18	42	0	0	0	0
East South Central	216	362	-40.0%	171	323	26	22	NM	NM	NM	17
Alabama	85	106	-20.0%	42	68	26	22	0	0	NM	16
Kentucky	52	65	-20.0%	52	65	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	1	0
Tennessee	69	183	-63.0%	68	182	0	0	NM	NM	NM	NM
West South Central	125	121	3.6%	60	59	61	55	NM	NM	NM	NM
Arkansas	28	13	123.0%	21	7	6	3	0	0	1	2
Louisiana	37	26	38.0%	21	NM	16	15	0	0	0	2
Oklahoma	NM	NM	NM	2	6	0	0	NM	NM	NM	NM
Texas	NM	75	NM	16	37	NM	36	NM	NM	NM	NM
Mountain	115	135	-15.0%	104	122	NM	NM	NM	NM	NM	NM
Arizona	27	46	-41.0%	27	46	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	13	NM	NM	NM	7	10	0	0	0	0
Nevada	NM	5	NM	7	5	NM	0	0	0	0	0
New Mexico	37	36	1.3%	34	33	NM	NM	0	0	NM	NM
Utah	6	NM	NM	5	9	NM	NM	0	0	NM	NM
Wyoming	19	17	16.0%	19	17	0	0	0	0	NM	NM
Pacific Contiguous	37	44	-15.0%	NM	24	NM	13	NM	NM	7	5
California	NM	NM	NM	14	13	NM	9	NM	NM	NM	NM
Oregon	NM	NM	NM	0	5	0	0	NM	NM	0	0
Washington	9	14	-40.0%	NM	NM	NM	4	NM	NM	6	4
Pacific Noncontiguous	3,043	3,279	-7.2%	2,577	2,772	389	410	3	2	74	95
Alaska	397	365	8.7%	374	345	0	0	1	1	22	19
Hawaii	2,646	2,914	-9.2%	2,203	2,428	389	410	2	1	52	75
U.S. Total	14,077	17,370	-19.0%	7,114	8,571	6,399	8,152	321	387	242	261

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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, March 2015 and March 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
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	0	NM	NM	0	0	0	0	0	0	0	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	79	124	-36.0%	30	75	46	43	0	0	4	7
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	40	-100.0%	0	40	0	0	0	0	0	0
Michigan	31	34	-10.0%	28	29	2	2	0	0	2	3
Ohio	44	41	8.8%	0	0	44	40	0	0	0	NM
Wisconsin	4	9	-54.0%	2	6	0	0	0	0	2	4
West North Central	2	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	2	NM	NM	0	0	0	0	0	0	NM	NM
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	32	75	-57.0%	29	71	0	0	0	0	3	4
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	29	71	-59.0%	29	71	0	0	0	0	0	0
Georgia	3	4	-7.4%	0	0	0	0	0	0	3	4
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	46	28	65.0%	46	28	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	46	28	65.0%	46	28	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	102	183	-44.0%	91	158	0	0	0	0	12	25
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	95	169	-44.0%	91	158	0	0	0	0	4	10
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	7	14	-49.0%	0	0	0	0	0	0	7	14
Mountain	15	14	4.3%	0	0	15	14	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	15	14	4.3%	0	0	15	14	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	279	431	-35.0%	196	332	61	57	0	0	23	42

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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 March 2015 and March 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 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	10	13	-18.0%	0	0	0	0	0	0	10	13
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	10	10	-4.9%	0	0	0	0	0	0	10	10
East North Central	295	308	-4.2%	153	163	129	128	0	0	14	17
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	61	79	-23.0%	61	79	0	0	0	0	0	0
Michigan	97	82	18.0%	85	67	5	7	0	0	7	8
Ohio	125	122	2.3%	0	0	124	121	0	0	1	1
Wisconsin	13	26	-48.0%	7	17	0	0	0	0	6	8
West North Central	6	8	-21.0%	0	0	0	0	1	1	5	7
Iowa	6	8	-21.0%	0	0	0	0	1	1	5	7
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	143	223	-36.0%	134	213	0	0	0	0	9	10
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	134	213	-37.0%	134	213	0	0	0	0	0	0
Georgia	9	10	-8.3%	0	0	0	0	0	0	9	10
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	128	106	21.0%	128	106	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	128	106	21.0%	128	106	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	442	543	-19.0%	398	475	0	0	0	0	44	68
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	415	505	-18.0%	398	475	0	0	0	0	17	30
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	26	38	-31.0%	0	0	0	0	0	0	26	38
Mountain	45	40	13.0%	0	0	45	40	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	45	40	13.0%	0	0	45	40	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	1,070	1,241	-14.0%	813	957	174	169	1	1	82	115

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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, March 2015 and March 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	26,090	20,153	29.0%	NM	140	24,302	18,102	720	672	984	1,239
Connecticut	9,140	7,675	19.0%	0	5	8,305	6,921	NM	255	NM	494
Maine	2,138	2,151	-0.6%	0	0	1,787	1,491	NM	NM	318	635
Massachusetts	8,174	6,387	28.0%	NM	114	7,642	5,831	343	343	NM	99
New Hampshire	3,427	1,988	72.0%	0	17	3,393	1,944	NM	NM	NM	NM
Rhode Island	3,209	1,949	65.0%	0	0	3,175	1,915	NM	NM	0	0
Vermont	1	4	-60.0%	1	4	0	0	0	0	0	0
Middle Atlantic	94,235	79,225	19.0%	8,120	8,716	84,013	68,678	960	879	1,143	952
New Jersey	21,685	17,009	27.0%	NM	NM	21,113	16,525	NM	NM	NM	325
New York	38,319	34,639	11.0%	8,078	8,686	29,402	25,143	663	645	NM	165
Pennsylvania	34,231	27,577	24.0%	NM	NM	33,497	27,009	NM	NM	NM	462
East North Central	61,315	36,353	69.0%	24,852	14,018	34,108	20,562	979	802	1,376	970
Illinois	6,088	2,157	182.0%	NM	NM	5,094	1,442	446	411	NM	212
Indiana	13,392	7,153	87.0%	10,368	5,302	2,519	1,531	NM	NM	431	291
Michigan	13,038	7,728	69.0%	3,486	1,931	8,770	5,271	213	151	568	374
Ohio	20,022	15,801	27.0%	7,017	5,116	12,762	10,470	NM	NM	NM	NM
Wisconsin	8,777	3,514	150.0%	3,688	1,576	4,962	1,849	NM	NM	65	50
West North Central	10,125	4,812	110.0%	8,651	3,773	952	704	277	149	245	186
Iowa	867	327	165.0%	NM	244	0	0	NM	NM	NM	NM
Kansas	1,398	926	51.0%	1,313	861	0	0	0	0	85	65
Minnesota	4,859	1,506	223.0%	4,225	1,160	386	181	NM	NM	71	NM
Missouri	2,742	1,846	49.0%	2,108	1,318	566	523	60	0	NM	NM
Nebraska	160	160	0.1%	149	148	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	15	0	0	0	0	0	NM	NM
South Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Atlantic	164,600	138,144	19.0%	131,090	112,042	30,607	23,563	NM	441	2,402	2,098
Delaware	3,150	3,783	-17.0%	NM	NM	1,993	3,110	0	0	1,130	654
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	87,449	79,314	10.0%	81,965	74,628	4,713	3,862	NM	NM	754	810
Georgia	25,981	18,600	40.0%	18,617	14,389	7,071	3,913	0	0	293	299
Maryland	1,841	1,700	8.3%	0	0	1,431	1,335	NM	NM	NM	NM
North Carolina	19,258	14,944	29.0%	12,434	9,664	6,760	5,103	2	0	62	177
South Carolina	8,266	6,563	26.0%	7,723	5,896	517	647	NM	NM	20	14
Virginia	18,190	12,682	43.0%	10,245	7,062	7,833	5,499	NM	NM	110	119
West Virginia	377	480	-21.0%	79	385	289	94	0	0	NM	NM
East South Central	67,480	50,278	34.0%	36,943	26,783	27,945	20,923	NM	NM	2,430	2,438
Alabama	31,017	27,177	14.0%	7,737	9,546	22,535	16,903	0	0	745	728
Kentucky	3,295	4,259	-23.0%	3,056	3,657	77	470	0	0	NM	132
Mississippi	28,695	17,217	67.0%	21,930	12,115	5,333	3,550	NM	NM	1,423	1,543
Tennessee	4,473	1,625	175.0%	4,220	1,464	0	0	NM	NM	101	35
West South Central	202,968	155,305	31.0%	64,101	43,967	105,404	73,281	688	649	32,776	37,408
Arkansas	10,218	5,591	83.0%	2,287	1,620	7,679	3,832	NM	NM	251	138
Louisiana	37,671	31,569	19.0%	19,067	11,397	5,706	4,842	NM	NM	12,743	15,171
Oklahoma	19,004	13,436	41.0%	13,217	9,235	5,690	4,147	NM	NM	49	50
Texas	136,075	104,709	30.0%	29,529	21,715	86,329	60,461	485	484	19,732	22,049
Mountain	41,591	34,193	22.0%	29,826	22,277	11,026	10,782	NM	330	537	804
Arizona	9,494	5,941	60.0%	5,664	2,974	3,754	2,849	NM	117	0	0
Colorado	7,038	8,180	-14.0%	4,884	4,326	2,154	3,842	0	0	NM	NM
Idaho	844	390	117.0%	NM	150	730	209	0	0	43	31
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	13,375	9,044	48.0%	11,668	7,211	1,664	1,599	NM	NM	0	174
New Mexico	6,102	5,660	7.8%	3,685	3,547	2,390	2,035	NM	NM	0	0
Utah	3,790	4,375	-13.0%	3,298	3,779	NM	NM	NM	NM	NM	321
Wyoming	344	291	18.0%	NM	NM	NM	NM	0	0	300	266
Pacific Contiguous	69,164	68,473	1.0%	29,155	22,808	34,258	38,169	836	1,191	4,915	6,304
California	58,772	61,570	-4.5%	22,939	18,747	30,194	35,430	769	1,140	4,871	6,253
Oregon	5,903	2,929	102.0%	2,070	583	3,753	2,278	NM	NM	20	23
Washington	4,488	3,973	13.0%	4,146	3,478	311	461	NM	NM	24	28
Pacific Noncontiguous	2,443	2,439	0.1%	2,376	2,389	0	0	NM	NM	NM	NM
Alaska	2,443	2,439	0.1%	2,376	2,389	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	740,011	589,375	26.0%	335,198	256,913	352,615	274,764	5,328	5,253	46,870	52,446

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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 2.10.B. Consumption of Nautral Gas for Electricity Generation by State, by Sector, Year-to-Date through March 2015 and March 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	73,179	60,847	20.0%	244	400	68,566	55,419	1,904	1,892	2,465	3,135
Connecticut	28,529	21,554	32.0%	0	49	26,364	19,375	NM	727	1,406	1,403
Maine	5,776	7,532	-23.0%	0	0	4,953	6,040	NM	NM	738	1,419
Massachusetts	22,392	22,321	0.3%	233	323	20,960	20,766	911	950	NM	282
New Hampshire	9,337	3,025	209.0%	2	18	9,250	2,932	NM	NM	NM	NM
Rhode Island	7,137	6,405	11.0%	0	0	7,040	6,308	NM	NM	0	0
Vermont	8	10	-22.0%	8	10	0	0	0	0	0	0
Middle Atlantic	252,065	226,330	11.0%	26,067	25,560	220,394	195,597	2,645	2,492	2,959	2,681
New Jersey	57,729	48,607	19.0%	NM	NM	56,251	47,234	NM	373	NM	913
New York	101,890	98,480	3.5%	25,950	25,462	73,628	70,747	1,858	1,824	454	446
Pennsylvania	92,445	79,243	17.0%	NM	NM	90,515	77,616	NM	295	1,519	1,321
East North Central	176,754	120,986	46.0%	71,404	48,080	98,792	67,064	2,834	2,736	3,724	3,107
Illinois	18,163	9,020	101.0%	NM	457	15,472	6,619	1,281	1,333	NM	610
Indiana	36,987	24,299	52.0%	28,838	17,946	6,805	5,374	206	85	1,139	894
Michigan	37,178	30,353	22.0%	9,147	8,036	25,820	20,333	666	667	1,545	1,317
Ohio	59,172	44,840	32.0%	20,880	15,532	37,627	28,682	NM	491	NM	135
Wisconsin	25,255	12,475	102.0%	11,803	6,109	13,068	6,055	183	160	200	151
West North Central	28,013	20,682	35.0%	24,867	17,560	1,730	1,860	683	639	734	624
Iowa	3,827	1,765	117.0%	3,520	1,442	0	0	NM	114	199	209
Kansas	3,368	4,349	-23.0%	3,108	4,142	0	0	0	0	260	206
Minnesota	11,108	6,429	73.0%	9,598	4,541	786	1,205	511	524	213	159
Missouri	8,240	7,360	12.0%	7,214	6,688	945	655	62	1	NM	NM
Nebraska	419	345	22.0%	392	333	0	0	NM	NM	NM	NM
North Dakota	NM	22	NM	57	0	0	0	0	0	NM	22
South Dakota	979	413	137.0%	979	413	0	0	0	0	0	0
South Atlantic	481,751	390,464	23.0%	383,879	312,894	89,999	70,232	NM	1,273	6,564	6,066
Delaware	9,543	8,973	6.3%	NM	NM	6,455	7,116	0	0	3,011	1,793
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	246,364	220,423	12.0%	230,654	205,849	13,362	12,132	NM	NM	2,300	2,397
Georgia	81,432	55,068	48.0%	56,443	42,526	24,413	11,729	0	0	576	813
Maryland	5,002	4,104	22.0%	0	0	3,936	3,054	NM	977	NM	72
North Carolina	61,480	41,860	47.0%	41,812	26,358	19,481	14,971	4	2	185	530
South Carolina	22,422	17,780	26.0%	19,982	16,205	2,371	1,503	NM	NM	52	54
Virginia	54,178	39,777	36.0%	34,595	20,196	19,228	19,171	NM	NM	346	403
West Virginia	1,097	2,256	-51.0%	317	1,696	754	556	0	0	NM	NM
East South Central	213,066	161,103	32.0%	118,241	92,442	87,249	61,338	NM	386	7,158	6,937
Alabama	99,224	77,990	27.0%	28,287	26,446	68,720	49,321	0	0	2,217	2,223
Kentucky	11,393	13,914	-18.0%	10,521	12,502	458	1,026	0	0	NM	386
Mississippi	85,908	59,308	45.0%	63,557	44,071	18,072	10,992	NM	NM	4,253	4,219
Tennessee	16,541	9,892	67.0%	15,876	9,423	0	0	NM	360	274	110
West South Central	605,989	504,682	20.0%	174,411	149,617	323,144	241,780	2,051	1,918	106,382	111,367
Arkansas	31,529	16,880	87.0%	7,170	2,871	23,685	13,515	NM	NM	671	490
Louisiana	115,881	107,796	7.5%	53,421	39,622	18,732	21,240	474	479	43,254	46,455
Oklahoma	60,649	54,392	12.0%	42,205	42,591	18,158	11,644	147	15	139	142
Texas	397,929	325,614	22.0%	71,615	64,533	262,570	195,380	1,426	1,421	62,319	64,280
Mountain	121,415	116,096	4.6%	81,744	71,989	37,192	40,537	715	1,060	1,765	2,510
Arizona	27,306	27,382	-0.3%	13,719	11,314	13,326	15,699	NM	369	0	0
Colorado	18,777	20,865	-10.0%	10,706	11,754	8,057	9,035	NM	31	NM	NM
Idaho	3,516	5,310	-34.0%	1,531	2,756	1,862	2,449	0	0	123	104
Montana	1,733	1,621	6.9%	1,510	1,415	NM	NM	0	0	0	0
Nevada	39,523	30,393	30.0%	32,918	22,631	6,302	7,030	NM	186	NM	546
New Mexico	17,841	15,881	12.0%	10,984	10,226	6,731	5,408	NM	240	0	NM
Utah	11,742	13,710	-14.0%	10,299	11,814	NM	NM	NM	234	613	990
Wyoming	978	934	4.7%	NM	NM	NM	NM	0	0	859	817
Pacific Contiguous	199,243	250,553	-20.0%	81,796	87,963	99,243	139,701	2,798	3,761	15,407	19,128
California	170,399	204,816	-17.0%	64,869	60,445	87,699	121,902	2,604	3,536	15,228	18,932
Oregon	17,531	25,073	-30.0%	6,639	9,481	10,644	15,295	NM	203	75	93
Washington	11,314	20,664	-45.0%	10,289	18,036	900	2,503	NM	22	104	103
Pacific Noncontiguous	7,715	8,162	-5.5%	7,528	7,954	0	0	NM	NM	NM	196
Alaska	7,715	8,162	-5.5%	7,528	7,954	0	0	NM	NM	NM	196
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	2,159,190	1,859,906	16.0%	970,181	814,459	1,026,310	873,528	15,369	16,169	147,330	155,750

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.A. Consumption of Landfill Gas for Electricity Generation by State, by Sector, March 2015 and March 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	1,113	1,161	-4.1%	0	0	1,029	1,067	NM	94	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	NM	84	NM	0	0	NM	84	0	0	0	0
Massachusetts	348	386	-9.8%	0	0	348	386	0	0	0	0
New Hampshire	192	209	-8.1%	0	0	NM	115	NM	94	0	0
Rhode Island	390	364	7.1%	0	0	390	364	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,977	5,043	-1.3%	0	0	4,829	4,896	NM	NM	121	124
New Jersey	893	967	-7.6%	0	0	893	967	0	0	0	0
New York	1,617	1,791	-9.7%	0	0	1,617	1,791	0	0	0	0
Pennsylvania	2,467	2,285	8.0%	0	0	2,318	2,138	NM	NM	121	124
East North Central	6,256	6,934	-9.8%	751	826	5,447	6,068	NM	NM	NM	NM
Illinois	1,448	1,646	-12.0%	0	0	1,448	1,646	0	0	0	0
Indiana	764	826	-7.5%	715	791	0	0	0	0	NM	NM
Michigan	1,924	2,142	-10.0%	0	0	1,924	2,142	0	0	0	0
Ohio	987	1,089	-9.4%	NM	NM	964	1,067	0	0	0	0
Wisconsin	1,133	1,231	-8.0%	NM	NM	1,111	1,214	NM	NM	0	0
West North Central	945	1,026	-7.9%	289	300	655	725	0	0	0	0
Iowa	193	212	-8.7%	0	0	193	212	0	0	0	0
Kansas	160	179	-11.0%	0	0	160	179	0	0	0	0
Minnesota	340	368	-7.8%	NM	78	262	290	0	0	0	0
Missouri	136	137	-0.7%	NM	93	NM	NM	0	0	0	0
Nebraska	NM	130	NM	NM	130	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	3,941	4,181	-5.7%	506	537	2,758	3,030	368	327	308	287
Delaware	NM	133	NM	0	0	NM	133	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	622	698	-11.0%	171	175	451	523	0	0	0	0
Georgia	356	364	-2.3%	0	0	223	247	NM	NM	NM	72
Maryland	339	351	-3.3%	0	0	174	188	166	163	0	0
North Carolina	810	855	-5.3%	0	0	689	762	NM	93	0	0
South Carolina	583	598	-2.6%	326	352	NM	NM	0	0	227	215
Virginia	1,103	1,174	-6.1%	NM	NM	1,064	1,139	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	432	478	-9.5%	230	256	202	222	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	230	256	-10.0%	230	256	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	NM	NM	0	0	0	0
Tennessee	158	173	-8.9%	0	0	158	173	0	0	0	0
West South Central	1,512	1,646	-8.1%	0	0	1,436	1,582	NM	64	0	0
Arkansas	142	159	-10.0%	0	0	142	159	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,370	1,487	-7.9%	0	0	1,293	1,423	NM	64	0	0
Mountain	501	555	-9.7%	NM	111	400	444	0	0	0	0
Arizona	160	178	-9.8%	NM	88	NM	90	0	0	0	0
Colorado	NM	118	NM	0	0	NM	118	0	0	0	0
Idaho	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	NM	NM	NM	0	0	NM	NM	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	136	NM	0	0	NM	136	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,645	5,812	-2.9%	756	820	2,943	3,090	1,947	1,902	0	0
California	4,768	4,845	-1.6%	269	276	2,605	2,716	1,893	1,854	0	0
Oregon	474	515	-8.1%	NM	134	299	334	NM	NM	0	0
Washington	404	451	-10.0%	366	410	NM	NM	0	0	0	0
Pacific Noncontiguous	NM	97	NM	0	0	0	0	NM	97	0	0
Alaska	NM	97	NM	0	0	0	0	NM	97	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	25,450	26,931	-5.5%	2,633	2,849	19,699	21,125	2,640	2,511	479	446

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

Table 2.11.B. Consumption of Landfill Gas for Electricity Generation by State, by Sector, Year-to-Date through March 2015 and March 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	3,269	3,151	3.7%	0	0	3,034	2,888	235	263	0	0
Connecticut	161	167	-3.7%	0	0	161	167	0	0	0	0
Maine	232	240	-3.3%	0	0	232	240	0	0	0	0
Massachusetts	1,046	1,092	-4.2%	0	0	1,046	1,092	0	0	0	0
New Hampshire	563	597	-5.8%	0	0	328	335	235	263	0	0
Rhode Island	1,108	888	25.0%	0	0	1,108	888	0	0	0	0
Vermont	158	166	-4.7%	0	0	158	166	0	0	0	0
Middle Atlantic	14,838	14,868	-0.2%	0	0	14,404	14,426	NM	75	347	366
New Jersey	2,671	2,771	-3.6%	0	0	2,671	2,771	0	0	0	0
New York	4,858	5,071	-4.2%	0	0	4,858	5,071	0	0	0	0
Pennsylvania	7,309	7,026	4.0%	0	0	6,876	6,584	NM	75	347	366
East North Central	18,842	19,695	-4.3%	2,264	2,350	16,400	17,203	NM	NM	NM	121
Illinois	4,425	4,688	-5.6%	0	0	4,425	4,688	0	0	0	0
Indiana	2,300	2,361	-2.6%	2,147	2,240	0	0	0	0	NM	121
Michigan	5,765	6,041	-4.6%	0	0	5,765	6,041	0	0	0	0
Ohio	2,969	3,091	-3.9%	NM	70	2,897	3,021	0	0	0	0
Wisconsin	3,383	3,513	-3.7%	NM	NM	3,314	3,452	NM	NM	0	0
West North Central	2,862	2,945	-2.8%	893	892	1,970	2,053	0	0	0	0
Iowa	584	602	-3.1%	0	0	584	602	0	0	0	0
Kansas	477	502	-4.9%	0	0	477	502	0	0	0	0
Minnesota	1,030	1,059	-2.8%	243	238	787	822	0	0	0	0
Missouri	426	417	2.1%	304	291	122	127	0	0	0	0
Nebraska	345	364	-5.0%	345	364	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	11,919	12,063	-1.2%	1,527	1,522	8,369	8,658	1,108	1,015	914	868
Delaware	359	375	-4.3%	0	0	359	375	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,885	1,935	-2.6%	508	477	1,377	1,457	0	0	0	0
Georgia	1,072	1,065	0.6%	0	0	671	700	NM	142	245	224
Maryland	1,008	1,018	-1.0%	0	0	527	541	481	478	0	0
North Carolina	2,447	2,475	-1.1%	0	0	2,065	2,160	382	315	0	0
South Carolina	1,750	1,751	-0.1%	991	1,016	NM	92	0	0	669	644
Virginia	3,370	3,418	-1.4%	NM	NM	3,252	3,309	NM	80	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	1,299	1,354	-4.1%	690	722	609	633	0	0	0	0
Alabama	NM	69	NM	0	0	NM	69	0	0	0	0
Kentucky	690	722	-4.4%	690	722	0	0	0	0	0	0
Mississippi	NM	70	NM	0	0	NM	70	0	0	0	0
Tennessee	476	493	-3.6%	0	0	476	493	0	0	0	0
West South Central	4,558	4,701	-3.0%	0	0	4,322	4,495	236	206	0	0
Arkansas	426	447	-4.7%	0	0	426	447	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	4,132	4,254	-2.9%	0	0	3,896	4,048	236	206	0	0
Mountain	1,504	1,570	-4.2%	304	315	1,199	1,254	0	0	0	0
Arizona	482	503	-4.3%	236	247	245	256	0	0	0	0
Colorado	317	333	-4.7%	0	0	317	333	0	0	0	0
Idaho	190	194	-2.4%	NM	68	121	126	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	149	156	-4.5%	0	0	149	156	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	367	384	-4.4%	0	0	367	384	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	16,716	16,881	-1.0%	2,248	2,360	8,813	8,781	5,656	5,740	0	0
California	14,079	14,146	-0.5%	792	831	7,792	7,723	5,495	5,592	0	0
Oregon	1,427	1,466	-2.6%	364	379	903	939	NM	148	0	0
Washington	1,210	1,269	-4.7%	1,092	1,151	118	119	0	0	0	0
Pacific Noncontiguous	406	332	22.0%	0	0	0	0	406	332	0	0
Alaska	406	332	22.0%	0	0	0	0	406	332	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	76,214	77,559	-1.7%	7,926	8,162	59,121	60,391	7,753	7,651	1,414	1,355

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Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
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, March 2015 and March 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	288	326	-12.0%	0	0	267	306	21	21	0	0
Connecticut	109	118	-8.3%	0	0	103	113	NM	6	0	0
Maine	23	23	-2.2%	0	0	7	8	15	15	0	0
Massachusetts	147	173	-15.0%	0	0	147	173	0	0	0	0
New Hampshire	10	12	-12.0%	0	0	10	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	407	408	-0.4%	0	0	315	321	91	87	0	0
New Jersey	98	104	-5.8%	0	0	66	76	32	28	0	0
New York	158	152	3.6%	0	0	122	118	36	35	0	0
Pennsylvania	151	152	-0.7%	0	0	127	127	24	25	0	0
East North Central	19	16	20.0%	3	3	0	0	16	13	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-5.4%	0	0	0	0	1	1	0	0
Michigan	15	12	24.0%	0	0	0	0	15	12	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	3	13.0%	3	3	0	0	0	0	0	0
West North Central	41	53	-23.0%	24	36	14	16	NM	2	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	41	53	-23.0%	24	36	14	16	NM	2	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	384	444	-13.0%	0	0	352	413	32	30	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	251	299	-16.0%	0	0	251	299	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	55	68	-19.0%	0	0	55	68	NM	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	78	76	2.3%	0	0	46	46	32	30	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	1	60.0%	0	0	0	0	0	0	1	1
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	1	60.0%	0	0	0	0	0	0	1	1
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	NM	0	NM	0	0	NM	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	0	NM	0	0	NM	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	57	64	-12.0%	0	0	57	64	0	0	0	0
California	39	44	-12.0%	0	0	39	44	0	0	0	0
Oregon	7	8	-12.0%	0	0	7	8	0	0	0	0
Washington	11	13	-11.0%	0	0	11	13	0	0	0	0
Pacific Noncontiguous	28	32	-13.0%	0	0	0	0	28	32	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	28	32	-13.0%	0	0	0	0	28	32	0	0
U.S. Total	1,225	1,344	-8.9%	28	38	1,006	1,121	190	185	1	1

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

Table 2.12.B. Consumption of Biogenic Municipal Solid Waste Gas for Electricity Generation by State, by Sector, Year-to-Date through March 2015 and March 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	873	905	-3.5%	0	0	812	846	62	60	0	0
Connecticut	314	332	-5.4%	0	0	297	316	17	17	0	0
Maine	67	66	0.8%	0	0	22	23	45	43	0	0
Massachusetts	461	474	-2.7%	0	0	461	474	0	0	0	0
New Hampshire	31	33	-4.5%	0	0	31	33	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	1,173	1,137	3.2%	0	0	918	891	256	246	0	0
New Jersey	297	310	-4.3%	0	0	208	227	88	83	0	0
New York	446	424	5.1%	0	0	340	323	106	102	0	0
Pennsylvania	431	403	6.9%	0	0	370	341	61	62	0	0
East North Central	54	48	11.0%	9	7	0	0	45	41	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	2	2	-5.7%	0	0	0	0	2	2	0	0
Michigan	43	39	12.0%	0	0	0	0	43	39	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	9	7	16.0%	9	7	0	0	0	0	0	0
West North Central	123	133	-7.8%	74	84	42	44	6	5	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	123	133	-7.8%	74	84	42	44	6	5	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	1,163	1,253	-7.2%	0	0	1,075	1,167	88	87	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	757	837	-9.6%	0	0	757	837	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	170	181	-6.1%	0	0	170	181	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	236	236	0.1%	0	0	148	149	88	87	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	3	2	34.0%	0	0	0	0	0	0	3	2
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	3	2	34.0%	0	0	0	0	0	0	3	2
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	1	1	-4.6%	0	0	1	1	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	1	1	-4.6%	0	0	1	1	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	165	181	-8.8%	0	0	165	181	0	0	0	0
California	111	124	-11.0%	0	0	111	124	0	0	0	0
Oregon	20	21	-4.3%	0	0	20	21	0	0	0	0
Washington	34	36	-3.8%	0	0	34	36	0	0	0	0
Pacific Noncontiguous	89	97	-7.6%	0	0	0	0	89	97	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	89	97	-7.6%	0	0	0	0	89	97	0	0
U.S. Total	3,644	3,758	-3.0%	82	91	3,012	3,129	546	536	3	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.
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, 2005 - March 2015

	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									
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	147,884	31,673	390	120,792	22,494	303	27,092	9,179	86
2014	151,362	32,139	847	116,774	21,396	705	34,588	10,743	142
Year 2013, End of Month Stocks									
January	178,859	31,314	442	145,550	23,442	358	33,309	7,872	84
February	175,565	31,205	442	144,081	23,182	362	31,484	8,023	81
March	171,736	32,199	407	141,891	23,917	323	29,845	8,281	84
April	173,014	31,569	456	143,082	23,399	387	29,933	8,169	69
May	177,174	31,494	443	144,824	23,305	348	32,350	8,189	96
June	171,124	31,313	408	139,705	23,148	303	31,418	8,165	105
July	160,019	30,804	394	131,967	22,770	279	28,053	8,034	115
August	154,567	31,436	260	127,153	23,070	183	27,414	8,366	77
Sept	152,694	31,428	309	125,579	22,618	191	27,115	8,811	118
October	154,194	31,771	291	125,616	22,696	214	28,578	9,075	77
November	156,249	32,620	338	126,611	22,827	250	29,638	9,793	88
December	147,884	31,673	390	120,792	22,494	303	27,092	9,179	86
Year 2014, End of Month Stocks									
January	133,647	27,141	298	107,614	20,386	216	26,033	6,756	82
February	119,885	28,477	276	96,427	20,573	202	23,458	7,904	74
March	118,305	28,338	349	95,065	20,831	282	23,241	7,506	67
April	128,883	28,596	514	102,826	20,971	451	26,057	7,625	63
May	136,474	28,233	457	107,267	20,687	374	29,207	7,545	83
June	132,879	28,470	410	103,168	20,707	356	29,711	7,763	54
July	125,240	27,813	381	97,031	20,080	300	28,209	7,734	81
August	120,709	27,900	388	92,607	20,192	289	28,103	7,708	99
Sept	123,814	28,176	389	95,465	20,180	297	28,349	7,995	92
October	135,709	29,148	510	104,699	20,515	394	31,010	8,633	116
November	141,309	30,857	640	109,757	20,759	510	31,552	10,098	130
December	151,362	32,139	847	116,774	21,396	705	34,588	10,743	142
Year 2015, End of Month Stocks									
January	155,115	31,575	924	119,871	21,098	774	35,244	10,477	150
February	150,322	27,287	897	116,664	19,197	770	33,658	8,091	127
March	155,564	28,339	818	121,759	19,969	698	33,805	8,371	120

Notes: See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 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, March 2015 and 2014

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	March 2015	March 2014	Percentage Change	March 2015	March 2014	Percentage Change	March 2015	March 2014	Percentage Change
New England	W	709	W	3,004	2,250	34.0%	0	0	--
Connecticut	W	W	W	997	648	54.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	W	W	1,159	985	18.0%	0	0	--
New Hampshire	W	W	W	W	W	W	0	0	--
Rhode Island	0	W	W	W	W	W	0	0	--
Vermont	0	0	--	28	35	-22.0%	0	0	--
Middle Atlantic	6,550	4,568	43.0%	4,452	3,975	12.0%	W	W	W
New Jersey	899	840	6.9%	694	570	22.0%	0	0	--
New York	466	342	36.0%	2,784	2,505	11.0%	0	0	--
Pennsylvania	5,185	3,386	53.0%	974	900	8.2%	W	W	W
East North Central	32,014	20,555	56.0%	1,148	1,188	-3.3%	131	137	-4.8%
Illinois	8,045	5,383	49.0%	99	124	-21.0%	0	0	--
Indiana	9,602	6,740	42.0%	108	114	-5.4%	0	W	W
Michigan	4,930	2,779	77.0%	339	392	-13.0%	W	W	W
Ohio	5,395	3,742	44.0%	368	327	12.0%	W	W	W
Wisconsin	4,042	1,912	111.0%	233	230	1.6%	W	W	W
West North Central	23,351	20,777	12.0%	1,076	1,065	1.0%	0	0	--
Iowa	3,436	5,709	-40.0%	147	158	-6.9%	0	0	--
Kansas	3,698	3,256	14.0%	106	119	-11.0%	0	0	--
Minnesota	3,535	1,433	147.0%	129	146	-12.0%	0	0	--
Missouri	7,829	6,304	24.0%	411	273	50.0%	0	0	--
Nebraska	W	2,552	W	206	259	-20.0%	0	0	--
North Dakota	1,575	W	W	40	42	-5.1%	0	0	--
South Dakota	W	W	W	37	67	-44.0%	0	0	--
South Atlantic	27,778	22,475	24.0%	11,000	11,788	-6.7%	W	W	W
Delaware	W	W	W	199	251	-21.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	W	W	5,665	6,227	-9.0%	W	W	W
Georgia	5,471	5,233	4.6%	880	874	0.6%	0	0	--
Maryland	1,268	634	100.0%	668	625	7.0%	0	0	--
North Carolina	6,244	3,071	103.0%	1,145	1,137	0.7%	0	0	--
South Carolina	4,299	4,070	5.6%	654	645	1.4%	0	0	--
Virginia	1,251	1,060	18.0%	1,636	1,880	-13.0%	0	0	--
West Virginia	3,111	3,881	-20.0%	152	150	1.3%	W	W	W
East South Central	W	12,434	W	2,074	1,956	6.0%	W	W	W
Alabama	4,740	3,295	44.0%	409	283	44.0%	0	0	--
Kentucky	7,712	5,614	37.0%	249	257	-3.1%	W	W	W
Mississippi	W	775	W	580	582	-0.3%	0	0	--
Tennessee	3,152	2,751	15.0%	836	834	0.3%	0	0	--
West South Central	27,186	20,422	33.0%	2,015	2,150	-6.3%	W	W	W
Arkansas	4,110	2,699	52.0%	W	W	W	0	0	--
Louisiana	3,303	3,209	2.9%	501	548	-8.6%	W	W	W
Oklahoma	4,194	3,064	37.0%	W	W	W	0	0	--
Texas	15,579	11,450	36.0%	1,235	1,291	-4.4%	0	0	--
Mountain	18,825	14,875	27.0%	665	902	-26.0%	W	W	W
Arizona	3,870	2,645	46.0%	151	183	-18.0%	0	0	--
Colorado	5,013	3,703	35.0%	227	240	-5.5%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	16	W	W	W	W
Nevada	1,253	699	79.0%	W	178	W	0	0	--
New Mexico	W	W	W	W	W	W	0	0	--
Utah	3,189	3,581	-11.0%	W	W	W	0	0	--
Wyoming	3,396	2,380	43.0%	36	36	-0.8%	0	0	--
Pacific Contiguous	W	W	W	347	383	-9.5%	0	W	W
California	0	W	W	168	213	-21.0%	0	W	W
Oregon	W	W	W	W	W	W	0	0	--
Washington	W	W	W	W	W	W	0	0	--
Pacific Noncontiguous	W	W	W	2,560	2,682	-4.6%	0	0	--
Alaska	0	W	W	26	208	-88.0%	0	0	--
Hawaii	W	W	W	2,534	2,474	2.4%	0	0	--
U.S. Total	155,564	118,305	31.0%	28,339	28,338	0.0%	818	349	134.0%

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, March 2015 and 2014

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**March 2015**	**March 2014**	**Percentage Change**	**March 2015**	**March 2014**	**March 2015**	**March 2014**
Coal (Thousand Tons)							
New England	W	709	W	W	W	W	W
Middle Atlantic	6,550	4,568	43.4%	0	0	6,550	4,568
East North Central	32,014	20,555	55.7%	23,204	15,146	8,810	5,409
West North Central	23,351	20,777	12.4%	23,351	20,777	0	0
South Atlantic	27,778	22,475	23.6%	23,905	19,728	3,873	2,747
East South Central	W	12,434	W	W	12,434	W	0
West South Central	27,186	20,422	33.1%	16,135	12,116	11,051	8,305
Mountain	18,825	14,875	26.6%	17,452	W	1,374	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	0	W	W	W
U.S. Total	**155,564**	**118,305**	**31.5%**	**121,759**	**95,065**	**33,805**	**23,241**
Petroleum Liquids (Thousand Barrels)							
New England	3,004	2,250	33.5%	610	W	2,394	W
Middle Atlantic	4,452	3,975	12.0%	1,580	1,363	2,872	2,612
East North Central	1,148	1,188	-3.3%	896	938	252	250
West North Central	1,076	1,065	1.0%	1,051	1,039	25	26
South Atlantic	11,000	11,788	-6.7%	9,080	9,886	1,919	1,902
East South Central	2,074	1,956	6.0%	W	W	W	W
West South Central	2,015	2,150	-6.3%	1,470	1,594	544	556
Mountain	665	902	-26.2%	W	864	W	38
Pacific Contiguous	347	383	-9.5%	W	285	W	97
Pacific Noncontiguous	2,560	2,682	-4.6%	W	W	W	W
U.S. Total	**28,339**	**28,338**	**0.0%**	**19,969**	**20,831**	**8,371**	**7,506**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	131	137	-4.8%	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	0
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	0	W	W	0	0	0	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	**818**	**349**	**134.3%**	**W**	**W**	**W**	**W**

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, 2005 - March 2015

	Electric Power Sector			
Period	Bituminous Coal	Subbituminous Coal	Lignite Coal	Total
End of Year Stocks				
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	73,113	69,720	5,051	147,884
2014	72,580	72,699	6,083	151,362
Year 2013, End of Month Stocks				
January	83,501	90,693	4,664	178,859
February	81,835	89,227	4,504	175,565
March	80,528	86,416	4,792	171,736
April	82,756	85,182	5,076	173,014
May	84,487	86,439	6,248	177,174
June	82,016	82,922	6,186	171,124
July	75,887	78,372	5,760	160,019
August	73,002	75,970	5,595	154,567
Sept	72,121	75,001	5,571	152,694
October	74,079	74,620	5,496	154,194
November	75,232	75,683	5,334	156,249
December	73,113	69,720	5,051	147,884
Year 2014, End of Month Stocks				
January	63,026	65,238	5,382	133,647
February	55,476	58,960	5,449	119,885
March	54,643	58,201	5,462	118,305
April	59,931	62,873	6,079	128,883
May	63,227	66,882	6,365	136,474
June	62,063	64,339	6,477	132,879
July	59,524	59,438	6,278	125,240
August	59,489	54,719	6,501	120,709
Sept	62,310	55,377	6,127	123,814
October	68,285	61,269	6,155	135,709
November	69,703	65,965	5,641	141,309
December	72,580	72,699	6,083	151,362
Year 2015, End of Month Stocks				
January	70,361	79,167	5,587	155,115
February	64,699	80,337	5,286	150,322
March	65,743	84,785	5,036	155,564

Notes: See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 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), 2005 - March 2015

	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												
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	15,906,809	823,222	2.34	45.33	1.29	93.7	123,964	20,413	20.56	124.90	0.46	76.5
2014	16,295,085	836,196	2.37	46.11	1.32	95.8	171,500	28,355	19.88	120.32	0.46	78.0
Year 2013												
January	1,342,301	69,783	2.34	45.09	1.27	90.9	10,766	1,787	21.00	126.64	0.50	52.0
February	1,229,209	63,662	2.34	45.28	1.34	92.7	10,780	1,756	21.02	129.19	0.46	79.8
March	1,291,446	66,546	2.35	45.68	1.34	92.3	14,263	2,321	20.15	123.86	0.46	123.8
April	1,229,373	62,822	2.37	46.51	1.36	100.9	6,131	1,025	21.53	128.84	0.52	53.1
May	1,328,111	68,190	2.37	46.23	1.31	103.1	8,658	1,428	20.70	125.53	0.50	70.1
June	1,319,801	68,294	2.36	45.62	1.26	89.3	7,007	1,170	20.96	125.57	0.50	60.6
July	1,392,487	72,998	2.31	44.14	1.19	86.1	10,748	1,782	20.51	123.69	0.48	64.4
August	1,465,659	76,277	2.33	44.76	1.26	91.4	11,993	1,962	19.70	120.41	0.44	98.8
Sept	1,359,392	70,489	2.35	45.29	1.29	95.1	9,904	1,630	20.17	122.66	0.38	90.9
October	1,318,098	67,874	2.34	45.49	1.33	100.1	10,145	1,675	20.86	126.37	0.43	92.5
November	1,311,392	67,740	2.33	45.11	1.29	100.3	12,818	2,105	20.10	122.51	0.46	111.3
December	1,319,540	68,548	2.34	45.06	1.29	86.8	10,751	1,775	20.95	126.83	0.45	58.5
Year 2014												
January	1,295,172	67,779	2.30	43.90	1.26	79.4	26,893	4,499	21.87	130.83	0.43	38.3
February	1,195,094	61,440	2.33	45.27	1.35	78.9	26,044	4,286	21.60	131.47	0.44	118.5
March	1,374,906	69,853	2.37	46.61	1.35	94.4	15,155	2,507	21.94	132.70	0.44	61.3
April	1,316,053	66,626	2.39	47.21	1.34	111.7	8,946	1,480	21.71	131.19	0.41	86.0
May	1,359,265	69,106	2.40	47.17	1.38	105.5	8,613	1,430	21.19	127.61	0.46	76.2
June	1,342,560	68,561	2.38	46.61	1.36	90.4	9,308	1,541	21.41	129.32	0.45	86.1
July	1,404,470	72,363	2.37	46.03	1.28	87.1	8,413	1,392	21.29	128.63	0.50	70.9
August	1,460,347	74,999	2.37	46.10	1.33	90.8	9,143	1,503	20.63	125.49	0.51	72.3
Sept	1,377,308	70,587	2.37	46.25	1.34	99.9	10,201	1,683	19.67	119.52	0.51	89.4
October	1,390,364	71,389	2.30	44.86	1.30	113.8	12,820	2,128	18.49	111.48	0.48	122.3
November	1,347,066	69,471	2.30	44.61	1.30	105.1	17,738	2,951	16.52	99.39	0.43	150.8
December	1,432,479	74,020	2.51	48.54	1.30	106.9	18,225	2,955	13.91	85.81	0.48	155.2
Year 2015												
January	1,405,183	72,721	2.28	44.12	1.30	99.5	13,249	2,190	12.76	77.20	0.57	55.2
February	1,170,120	60,606	2.26	43.63	1.32	88.4	20,190	3,319	12.47	75.96	0.51	33.7
March	1,218,280	62,520	2.25	43.95	1.29	104.3	15,791	2,608	W	W	0.70	121.5
Year to Date												
2013	3,862,956	199,991	2.35	45.34	1.31	92.0	35,809	5,863	20.66	126.28	0.47	78.1
2014	3,865,172	199,073	2.33	45.27	1.32	83.9	68,092	11,292	21.78	131.50	0.44	58.0
2015	3,793,583	195,847	2.27	43.91	1.30	97.1	49,230	8,117	12.58	76.37	0.58	50.8
Rolling 12 Months Ending in March												
2014	15,909,026	822,304	2.34	45.32	1.29	91.5	156,247	25,842	21.07	127.47	0.45	66.9
2015	16,223,495	832,970	2.35	45.80	1.32	99.5	152,638	25,180	W	W	0.51	76.6

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.
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.
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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 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2005 - March 2015 (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												
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	132,474	4,660	2.18	61.95	5.41	73.5	8,721,114	8,503,424	4.33	4.44	89.7	3.09
2014	144,694	5,091	1.96	55.81	5.55	87.5	8,671,674	8,423,883	5.00	5.14	89.8	3.32
Year 2013												
January	10,103	355	2.04	58.21	5.61	68.1	676,695	660,645	4.38	4.49	89.1	3.08
February	9,754	343	2.09	59.50	5.40	82.5	607,094	592,786	4.39	4.50	88.9	3.09
March	8,239	290	2.08	59.25	5.47	58.8	649,452	633,519	4.30	4.40	89.2	3.09
April	11,240	396	2.28	64.98	5.35	86.8	609,479	594,620	4.67	4.79	89.3	3.15
May	11,758	412	2.34	66.64	5.37	68.8	665,433	648,152	4.62	4.75	90.4	3.15
June	11,528	407	2.42	68.49	5.07	67.1	782,722	762,845	4.42	4.54	90.6	3.14
July	12,215	428	2.29	65.47	5.44	69.6	949,493	924,645	4.20	4.31	90.0	3.11
August	10,902	381	2.25	64.57	5.38	58.3	940,629	917,829	3.91	4.00	90.4	2.99
Sept	12,370	433	2.17	61.88	5.36	77.7	794,084	774,415	4.08	4.18	90.3	3.02
October	12,201	432	2.13	60.26	5.37	82.8	683,580	666,361	4.11	4.21	89.8	2.99
November	9,653	339	1.91	54.26	5.43	84.7	647,943	631,751	4.19	4.30	89.3	3.01
December	12,511	444	2.02	57.05	5.66	89.4	714,509	695,857	4.91	5.04	88.7	3.26
Year 2014												
January	9,894	350	1.80	50.87	5.25	62.5	709,245	691,475	7.04	7.22	89.0	4.10
February	10,083	356	W	W	5.46	75.6	587,376	572,177	7.40	7.59	88.4	W
March	12,939	457	2.00	56.64	5.81	84.1	606,222	590,661	6.00	6.15	88.8	3.53
April	12,734	449	2.11	59.89	5.95	111.9	593,040	577,655	5.07	5.20	89.1	3.24
May	12,593	446	2.18	61.41	5.55	98.1	691,105	672,102	4.93	5.07	90.5	3.25
June	11,435	400	2.05	58.67	5.77	82.2	766,138	744,633	4.83	4.97	90.6	3.28
July	11,392	399	1.88	53.73	5.69	74.9	886,181	860,304	4.43	4.57	90.8	3.17
August	12,517	439	1.95	55.68	5.51	81.1	943,735	915,459	4.12	4.24	91.2	3.07
Sept	11,559	406	1.90	54.12	5.43	79.6	811,708	786,977	4.20	4.33	90.0	3.06
October	10,797	381	1.77	50.25	5.31	111.4	743,322	720,648	4.10	4.23	89.8	2.96
November	11,980	421	1.84	52.32	5.45	100.9	646,732	626,919	4.48	4.62	89.0	3.07
December	16,770	587	1.98	56.64	5.40	105.0	686,870	664,873	4.35	4.49	89.3	3.14
Year 2015												
January	13,724	484	2.03	57.48	5.23	93.8	754,341	730,694	4.10	4.23	88.7	2.92
February	9,660	338	1.79	51.07	5.30	64.0	688,731	666,976	4.68	4.83	89.2	3.19
March	9,506	338	2.03	57.09	5.17	84.5	752,489	728,542	3.54	3.66	88.7	W
Year to Date												
2013	28,096	989	2.07	58.96	5.50	69.1	1,933,242	1,886,950	4.36	4.46	89.1	3.08
2014	32,915	1,163	1.94	55.10	5.54	73.9	1,902,842	1,854,314	6.82	6.99	88.8	3.91
2015	32,891	1,160	1.96	55.50	5.24	80.3	2,195,561	2,126,212	4.09	4.22	88.9	2.96
Rolling 12 Months Ending in March												
2014	137,293	4,835	W	W	5.42	74.6	8,690,715	8,470,788	4.87	4.99	89.6	W
2015	144,670	5,088	1.97	55.90	5.48	89.4	8,964,392	8,695,781	4.38	4.51	89.8	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 the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 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, 2005 - March 2015

	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												
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	11,595,328	592,772	2.38	46.51	1.23	92.9	78,101	12,814	21.09	128.57	0.43	76.2
2014	11,991,691	607,877	2.40	47.31	1.26	95.6	99,044	16,281	19.91	121.16	0.44	80.6
Year 2013												
January	966,431	49,719	2.37	46.15	1.18	89.3	7,473	1,239	21.08	127.15	0.41	68.5
February	899,054	45,989	2.38	46.62	1.26	93.8	6,220	1,009	21.34	131.57	0.40	78.9
March	948,352	48,339	2.37	46.58	1.27	92.9	9,929	1,608	20.43	126.13	0.45	120.6
April	904,409	45,784	2.41	47.65	1.28	100.5	3,831	638	21.99	131.94	0.45	47.8
May	958,782	48,775	2.40	47.27	1.23	100.9	6,010	987	20.90	127.33	0.47	69.5
June	965,951	49,292	2.39	46.90	1.21	88.0	4,713	786	21.31	127.71	0.43	59.5
July	1,031,429	53,206	2.34	45.37	1.16	86.7	7,153	1,184	20.82	125.77	0.44	68.4
August	1,071,201	54,959	2.37	46.16	1.21	89.5	8,382	1,353	19.78	122.55	0.45	96.5
Sept	974,613	49,808	2.38	46.62	1.22	93.8	4,882	795	21.67	132.98	0.34	68.0
October	956,973	48,754	2.37	46.45	1.27	98.7	6,139	1,011	21.98	133.43	0.40	81.1
November	958,575	49,043	2.36	46.21	1.22	98.8	6,313	1,037	21.61	131.57	0.41	79.5
December	959,557	49,103	2.37	46.32	1.23	86.5	7,055	1,166	21.58	130.56	0.43	79.2
Year 2014												
January	926,991	47,962	2.31	44.60	1.18	76.9	12,038	2,017	21.73	129.71	0.32	42.5
February	863,997	43,905	2.33	45.93	1.28	78.2	12,405	2,045	21.75	132.02	0.49	107.8
March	989,078	49,867	2.38	47.17	1.30	94.3	9,000	1,475	21.54	131.41	0.39	76.4
April	953,528	47,782	2.41	48.20	1.28	113.2	6,706	1,101	21.74	132.38	0.36	88.4
May	996,345	50,122	2.42	48.21	1.32	104.6	5,373	895	21.89	131.40	0.34	67.9
June	992,039	49,981	2.40	47.74	1.29	88.2	6,342	1,050	21.67	130.93	0.34	87.2
July	1,048,298	53,172	2.40	47.43	1.22	86.7	5,999	988	21.28	129.22	0.47	73.5
August	1,090,914	55,193	2.41	47.56	1.27	90.1	6,888	1,124	20.62	126.42	0.50	81.4
Sept	1,034,229	52,306	2.41	47.59	1.27	101.6	6,927	1,138	19.90	121.14	0.48	83.9
October	1,040,271	52,787	2.33	45.87	1.26	115.2	6,948	1,150	19.34	117.04	0.48	94.0
November	1,000,204	50,949	2.33	45.73	1.24	107.5	7,528	1,240	17.71	107.59	0.50	97.3
December	1,055,798	53,851	2.61	51.19	1.25	106.1	12,890	2,058	13.23	82.89	0.46	160.7
Year 2015												
January	1,047,181	53,698	2.30	44.93	1.25	101.7	8,876	1,461	11.83	71.88	0.57	68.7
February	880,402	45,136	2.26	44.08	1.27	90.5	8,693	1,422	11.74	71.78	0.47	38.3
March	932,468	47,654	2.25	44.08	1.23	108.3	10,204	1,675	12.14	73.97	0.52	131.9
Year to Date												
2013	2,813,838	144,047	2.38	46.44	1.23	91.9	23,622	3,856	20.87	127.88	0.43	87.2
2014	2,780,065	141,734	2.34	45.92	1.25	82.7	33,444	5,537	21.69	131.01	0.42	64.6
2015	2,860,051	146,489	2.27	44.39	1.25	99.8	27,773	4,558	11.91	72.61	0.52	64.1
Rolling 12 Months Ending in March												
2014	11,561,556	590,459	2.37	46.38	1.23	90.4	87,923	14,496	21.38	129.69	0.42	69.1
2015	12,071,677	612,632	2.38	46.93	1.26	100.2	93,373	15,302	16.89	103.13	0.47	81.7

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Totals may not equal sum of components because of independent rounding.
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Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2005 - March 2015 (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												
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	2.11	60.30	5.34	101.6	3,939,408	3,851,241	4.49	4.59	97.0	2.99
2014	123,793	4,349	1.89	53.77	5.56	129.6	3,714,733	3,614,573	5.16	5.30	97.1	3.14
Year 2013												
January	6,816	237	1.97	56.67	5.52	93.7	308,726	302,282	4.35	4.44	97.5	2.95
February	7,272	254	2.05	58.54	5.32	115.4	276,355	270,729	4.29	4.38	97.3	2.92
March	5,449	190	2.00	57.27	5.37	80.5	292,291	285,901	4.44	4.54	97.4	2.99
April	8,309	291	2.23	63.79	5.23	133.8	267,830	262,122	4.88	4.99	97.6	3.03
May	8,610	301	2.28	65.22	5.28	83.5	298,278	291,130	4.84	4.96	98.4	3.06
June	8,302	291	2.36	67.19	4.88	83.7	360,943	352,719	4.65	4.75	97.1	3.06
July	9,006	314	2.25	64.47	5.35	93.2	427,831	417,585	4.38	4.48	96.6	3.01
August	7,910	274	2.15	62.01	5.24	82.6	436,060	426,576	4.15	4.24	96.3	2.97
Sept	10,687	373	2.09	59.92	5.32	114.6	360,603	352,812	4.35	4.44	96.7	2.97
October	9,457	333	2.06	58.58	5.37	114.9	309,544	302,556	4.40	4.50	96.9	2.95
November	7,486	262	1.87	53.23	5.41	120.6	281,343	274,910	4.44	4.55	96.6	2.92
December	9,784	343	1.93	54.95	5.75	125.9	319,604	311,919	4.93	5.05	96.3	3.10
Year 2014												
January	8,753	309	1.79	50.66	5.22	88.7	308,967	301,902	6.20	6.34	97.7	3.44
February	8,883	312	2.01	57.15	5.47	113.1	247,518	241,777	7.01	7.18	97.3	3.55
March	11,235	396	1.94	54.97	5.85	119.1	257,997	252,175	5.92	6.06	98.2	3.22
April	11,184	394	2.07	58.69	5.98	186.0	256,911	250,788	5.33	5.46	98.3	3.12
May	10,813	383	2.13	60.11	5.57	127.3	315,637	307,499	5.26	5.40	97.8	3.17
June	9,321	325	1.97	56.35	5.85	99.7	333,374	324,743	5.16	5.30	96.8	3.17
July	9,697	339	1.79	51.25	5.70	119.2	374,870	364,240	4.83	4.97	96.1	3.11
August	10,451	365	1.85	52.89	5.51	127.9	407,404	395,736	4.46	4.59	96.4	3.03
Sept	9,844	345	1.81	51.54	5.40	128.7	336,865	326,815	4.63	4.77	95.8	3.02
October	9,240	326	1.65	46.75	5.25	183.7	306,705	297,593	4.56	4.71	96.4	2.90
November	10,079	354	1.70	48.51	5.43	159.9	274,868	266,620	4.75	4.90	97.2	2.93
December	14,294	499	1.90	54.38	5.40	154.9	293,615	284,687	4.60	4.74	97.8	3.12
Year 2015												
January	11,509	404	1.94	55.36	5.21	134.7	324,270	314,575	4.25	4.38	96.2	2.81
February	8,617	301	1.72	49.17	5.31	94.8	300,921	291,795	4.56	4.70	94.8	2.90
March	7,949	283	1.95	54.67	5.16	144.7	325,884	315,745	3.77	3.89	94.2	2.71
Year to Date												
2013	19,537	681	2.01	57.53	5.40	96.0	877,372	858,913	4.36	4.45	97.4	2.95
2014	28,870	1,017	1.91	54.33	5.54	106.3	814,482	795,854	6.36	6.50	97.7	3.40
2015	28,076	987	1.87	53.28	5.22	121.5	951,076	922,114	4.18	4.31	95.1	2.81
Rolling 12 Months Ending in March												
2014	108,422	3,799	2.08	59.19	5.38	103.9	3,876,518	3,788,182	4.91	5.03	97.1	3.10
2015	122,998	4,319	1.88	53.52	5.49	134.5	3,851,326	3,740,834	4.67	4.80	96.4	3.00

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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, 2005 - March 2015

	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												
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	4,032,431	217,572	2.20	40.95	1.48	99.1	43,432	7,205	19.71	118.88	0.45	110.1
2014	4,096,609	219,181	2.24	41.84	1.49	101.8	70,520	11,760	19.88	119.39	0.45	99.0
Year 2013												
January	352,557	18,976	2.21	41.20	1.51	99.1	2,963	495	21.11	126.80	0.54	45.0
February	308,971	16,694	2.18	40.44	1.56	93.3	4,345	712	20.68	126.61	0.51	117.8
March	319,485	17,108	2.24	41.93	1.57	94.1	4,016	661	19.63	119.32	0.41	206.0
April	303,157	16,041	2.21	41.98	1.60	106.6	2,074	350	W	W	0.44	94.2
May	345,413	18,316	2.23	42.25	1.53	113.7	2,404	402	20.48	122.55	0.43	104.1
June	331,183	17,955	2.22	40.98	1.41	95.5	2,048	344	20.51	122.17	0.43	84.9
July	336,772	18,662	2.18	39.50	1.28	86.5	3,386	564	20.03	120.23	0.46	68.0
August	369,852	20,185	2.16	39.71	1.41	99.2	3,449	582	19.54	115.78	0.39	147.1
Sept	361,593	19,609	2.20	40.72	1.48	101.2	4,942	821	18.64	112.29	0.40	180.6
October	338,484	18,086	2.22	41.67	1.47	108.4	3,904	647	19.14	115.55	0.47	175.5
November	328,769	17,596	2.18	40.82	1.50	109.0	6,401	1,051	18.52	113.07	0.49	284.8
December	336,195	18,343	2.20	40.48	1.44	90.2	3,498	576	19.73	119.40	0.43	61.3
Year 2014												
January	350,905	19,050	2.24	41.28	1.46	90.9	14,545	2,432	22.04	132.11	0.46	42.4
February	314,645	16,810	2.27	42.55	1.53	84.6	13,366	2,197	21.48	131.02	0.39	185.0
March	366,874	19,151	2.31	44.21	1.49	100.2	6,040	1,013	22.58	134.67	0.52	62.3
April	345,380	18,077	2.28	43.56	1.48	114.8	2,123	360	21.86	128.91	0.48	122.7
May	346,525	18,254	2.29	43.49	1.55	114.9	3,114	515	20.13	121.81	0.52	150.3
June	334,501	17,873	2.28	42.65	1.53	101.6	2,781	462	21.06	126.86	0.51	133.8
July	338,433	18,407	2.23	40.92	1.45	92.1	2,293	385	21.58	128.67	0.50	95.1
August	351,259	19,006	2.20	40.73	1.49	96.8	2,146	361	W	W	0.49	79.2
Sept	326,150	17,536	2.21	41.14	1.55	100.2	3,143	523	19.18	115.94	0.50	161.2
October	332,719	17,836	2.18	40.69	1.41	116.9	5,736	956	17.56	105.37	0.44	278.5
November	329,754	17,767	2.18	40.50	1.46	104.4	10,062	1,687	15.60	93.15	0.38	403.0
December	359,464	19,414	2.18	40.43	1.44	116.3	5,171	870	15.56	92.53	0.53	217.9
Year 2015												
January	339,916	18,235	2.19	40.87	1.42	98.8	4,214	703	15.13	90.58	0.49	57.3
February	275,928	14,862	2.23	41.41	1.44	87.1	11,092	1,829	12.91	78.44	0.51	36.5
March	267,887	14,079	2.22	42.30	1.47	99.2	3,980	671	13.49	80.35	0.49	120.0
Year to Date												
2013	981,013	52,778	2.21	41.20	1.54	95.6	11,325	1,867	20.40	123.96	0.47	92.3
2014	1,032,423	55,010	2.27	42.69	1.49	91.8	33,951	5,642	21.92	132.16	0.44	66.0
2015	883,732	47,176	2.21	41.47	1.44	94.9	19,286	3,203	13.47	81.25	0.50	47.1
Rolling 12 Months Ending in March												
2014	4,083,842	219,803	2.22	41.32	1.46	98.0	66,057	10,980	W	W	0.44	84.0
2015	3,947,917	211,347	2.22	41.54	1.47	103.1	55,855	9,321	W	W	0.48	92.1

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

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2005 - March 2015 (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												
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	65.6	4,025,263	3,917,898	4.25	4.36	92.8	W
2014	13,781	488	W	W	5.33	70.9	4,236,618	4,111,996	4.92	5.07	92.9	W
Year 2013												
January	1,444	52	0.00	0.00	5.37	67.8	305,859	297,827	4.59	4.72	92.6	3.29
February	1,424	51	0.00	0.00	5.39	74.3	271,071	264,155	4.73	4.85	91.0	3.39
March	1,474	53	0.00	0.00	5.36	69.9	293,315	285,996	4.36	4.47	92.2	3.27
April	1,507	54	W	W	5.44	76.0	282,900	275,394	4.56	4.68	92.9	W
May	1,628	57	W	W	5.43	118.1	304,542	296,100	4.45	4.58	92.9	W
June	1,541	54	W	W	5.43	80.3	357,118	347,375	4.20	4.32	92.9	W
July	1,543	54	W	W	5.37	67.4	457,359	444,633	4.06	4.17	92.9	W
August	951	34	W	W	5.36	33.2	439,538	428,028	3.67	3.77	93.5	W
Sept	118	4	W	W	5.22	6.1	372,893	362,795	3.83	3.94	93.9	W
October	1,492	53	W	W	5.33	73.4	311,285	302,936	3.86	3.96	93.3	W
November	1,490	52	0.00	0.00	5.43	77.3	301,695	293,861	4.03	4.14	92.9	3.11
December	1,538	55	W	W	5.42	70.9	327,686	318,797	5.05	5.19	92.4	W
Year 2014												
January	922	33	W	W	5.35	52.1	336,380	327,589	8.51	8.74	92.6	W
February	1,039	38	0.00	0.00	5.27	60.5	282,563	274,863	8.22	8.45	91.4	5.15
March	1,127	41	W	W	5.47	62.2	284,981	277,149	6.35	6.53	91.8	W
April	1,047	37	W	W	5.53	57.7	279,495	271,880	4.86	5.00	92.1	W
May	1,419	50	W	W	5.35	88.2	317,301	308,271	4.54	4.68	92.5	W
June	1,349	47	W	W	5.24	103.8	374,148	363,114	4.47	4.61	93.4	W
July	1,124	39	W	W	5.55	68.7	448,710	435,451	4.03	4.15	93.7	W
August	1,401	49	W	W	5.39	84.4	473,204	458,695	3.76	3.88	93.9	W
Sept	946	33	W	W	5.29	47.9	417,116	404,366	3.77	3.88	93.7	W
October	821	29	W	W	5.26	91.0	380,154	368,467	3.63	3.74	93.3	W
November	1,066	36	W	W	5.29	87.7	311,963	302,414	4.30	4.43	92.5	W
December	1,520	53	W	W	5.10	76.6	330,603	319,737	4.08	4.22	92.8	W
Year 2015												
January	1,427	52	W	W	5.10	77.4	371,200	359,180	4.07	4.20	93.1	W
February	562	20	W	W	4.53	30.2	331,718	320,864	5.15	5.32	93.9	W
March	956	34	W	W	4.81	48.7	366,764	354,887	3.40	3.51	93.0	W
Year to Date												
2013	4,341	156	0.00	0.00	5.37	70.6	870,246	847,979	4.56	4.67	92.0	3.31
2014	3,088	112	W	W	5.37	58.3	903,923	879,601	7.74	7.96	92.0	W
2015	2,945	105	2.47	69.30	4.90	52.2	1,069,681	1,034,931	4.17	4.31	93.3	W
Rolling 12 Months Ending in March												
2014	14,896	531	W	W	5.39	62.7	4,058,940	3,949,521	4.95	5.09	92.8	W
2015	13,638	481	W	W	5.23	69.0	4,402,376	4,267,327	4.13	4.26	93.2	W

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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, 2005 - March 2015

	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												
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	11.2	0	0	--	--	--	0.0
2014	3,746	163	W	W	2.70	12.3	0	0	--	--	--	0.0
Year 2013												
January	390	17	W	W	2.99	11.2	0	0	--	--	--	0.0
February	394	17	W	W	3.07	12.2	0	0	--	--	--	0.0
March	489	21	W	W	2.74	16.0	0	0	--	--	--	0.0
April	241	10	W	W	3.04	10.4	0	0	--	--	--	0.0
May	383	17	W	W	2.96	15.8	0	0	--	--	--	0.0
June	355	16	W	W	2.91	15.2	0	0	--	--	--	0.0
July	209	9	W	W	3.41	8.9	0	0	--	--	--	0.0
August	386	17	W	W	2.82	16.3	0	0	--	--	--	0.0
Sept	143	6	W	W	3.37	6.4	0	0	--	--	--	0.0
October	61	3	W	W	3.34	2.9	0	0	--	--	--	0.0
November	202	9	W	W	3.52	7.9	0	0	--	--	--	0.0
December	254	11	W	W	3.45	8.6	0	0	--	--	--	0.0
Year 2014												
January	400	18	W	W	3.06	12.0	0	0	--	--	--	0.0
February	407	18	W	W	2.91	12.4	0	0	--	--	--	0.0
March	452	20	W	W	2.72	14.1	0	0	--	--	--	0.0
April	364	15	W	W	1.91	13.5	0	0	--	--	--	0.0
May	475	21	W	W	2.54	22.5	0	0	--	--	--	0.0
June	116	5	W	W	2.88	5.7	0	0	--	--	--	0.0
July	261	11	W	W	2.52	11.4	0	0	--	--	--	0.0
August	159	7	W	W	2.96	7.5	0	0	--	--	--	0.0
Sept	306	13	W	W	2.56	14.9	0	0	--	--	--	0.0
October	313	14	W	W	2.72	15.7	0	0	--	--	--	0.0
November	229	10	W	W	3.00	8.8	0	0	--	--	--	0.0
December	264	12	W	W	2.96	9.6	0	0	--	--	--	0.0
Year 2015												
January	272	12	W	W	2.97	9.3	0	0	--	--	--	0.0
February	245	11	W	W	3.01	9.0	0	0	--	--	--	0.0
March	177	8	W	W	2.93	6.7	0	0	--	--	--	0.0
Year to Date												
2013	1,273	55	W	W	2.92	13.0	0	0	--	--	--	0.0
2014	1,259	55	W	W	2.89	12.8	0	0	--	--	--	0.0
2015	695	30	W	W	2.97	8.4	0	0	--	--	--	0.0
Rolling 12 Months Ending in March												
2014	3,493	152	W	W	3.04	11.1	0	0	--	--	--	0.0
2015	3,181	138	W	W	2.69	11.0	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.

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Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commerical Sector, 2005 - March 2015 (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												
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	4.6	W
2014	0	0	--	--	--	0.0	5,765	5,712	W	W	5.1	W
Year 2013												
January	0	0	--	--	--	0.0	330	327	W	W	3.4	W
February	0	0	--	--	--	0.0	361	357	W	W	4.1	W
March	0	0	--	--	--	0.0	382	378	W	W	4.0	W
April	0	0	--	--	--	0.0	375	371	W	W	4.3	W
May	0	0	--	--	--	0.0	467	464	W	W	5.2	W
June	0	0	--	--	--	0.0	404	401	W	W	4.2	W
July	0	0	--	--	--	0.0	445	440	W	W	3.6	W
August	0	0	--	--	--	0.0	414	411	W	W	3.7	W
Sept	0	0	--	--	--	0.0	560	554	W	W	5.4	W
October	0	0	--	--	--	0.0	633	629	W	W	6.9	W
November	0	0	--	--	--	0.0	529	524	W	W	5.7	W
December	0	0	--	--	--	0.0	599	592	W	W	5.5	W
Year 2014												
January	0	0	--	--	--	0.0	405	400	W	W	3.7	W
February	0	0	--	--	--	0.0	296	292	W	W	3.2	W
March	0	0	--	--	--	0.0	354	349	W	W	3.8	W
April	0	0	--	--	--	0.0	439	435	W	W	5.1	W
May	0	0	--	--	--	0.0	490	486	W	W	5.7	W
June	0	0	--	--	--	0.0	438	435	W	W	5.0	W
July	0	0	--	--	--	0.0	475	471	W	W	5.0	W
August	0	0	--	--	--	0.0	624	619	W	W	6.3	W
Sept	0	0	--	--	--	0.0	553	548	W	W	5.9	W
October	0	0	--	--	--	0.0	578	573	W	W	6.1	W
November	0	0	--	--	--	0.0	476	471	W	W	5.1	W
December	0	0	--	--	--	0.0	638	632	W	W	6.5	W
Year 2015												
January	0	0	--	--	--	0.0	499	491	W	W	4.8	W
February	0	0	--	--	--	0.0	373	368	W	W	4.0	W
March	0	0	--	--	--	0.0	430	424	W	W	4.2	W
Year to Date												
2013	0	0	--	--	--	0.0	1,072	1,062	W	W	3.8	W
2014	0	0	--	--	--	0.0	1,054	1,042	W	W	3.6	W
2015	0	0	--	--	--	0.0	1,302	1,283	W	W	4.4	W
Rolling 12 Months Ending in March												
2014	0	0	--	--	--	0.0	5,479	5,430	W	W	4.6	W
2015	0	0	--	--	--	0.0	6,013	5,953	W	W	5.3	W

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Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2005 - March 2015

	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												
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	275,543	12,727	W	W	1.32	64.4	2,431	394	18.20	112.29	1.43	15.8
2014	203,039	8,976	W	W	1.54	45.1	1,937	315	18.03	110.83	1.52	11.0
Year 2013												
January	22,923	1,071	W	W	1.23	60.6	330	53	18.32	113.35	1.58	20.1
February	20,789	962	W	W	1.31	60.2	214	35	18.09	110.29	1.33	15.3
March	23,120	1,078	W	W	1.24	61.7	318	52	18.11	111.18	1.25	26.9
April	21,566	986	W	W	1.35	63.0	226	36	W	W	1.63	18.6
May	23,533	1,082	W	W	1.31	66.8	244	39	17.85	110.67	1.41	19.2
June	22,312	1,032	W	W	1.18	66.0	246	40	18.19	112.54	1.69	22.2
July	24,077	1,120	W	W	1.29	67.0	208	33	17.37	108.22	1.66	20.8
August	24,220	1,116	W	W	1.30	68.6	161	26	18.55	113.24	1.38	17.0
Sept	23,042	1,066	W	W	1.37	69.7	80	13	18.61	114.88	1.32	8.8
October	22,581	1,031	W	W	1.38	63.7	102	17	19.09	118.20	0.80	10.1
November	23,845	1,092	W	W	1.42	64.9	104	17	19.02	115.77	1.00	9.5
December	23,534	1,091	W	W	1.40	61.8	198	32	18.35	113.33	1.25	7.7
Year 2014												
January	16,877	750	W	W	1.49	40.3	310	50	19.16	117.73	1.34	7.7
February	16,046	707	W	W	1.53	41.5	274	44	20.61	127.88	1.01	13.1
March	18,501	816	W	W	1.62	44.4	115	19	21.18	130.19	1.11	5.8
April	16,782	751	W	W	1.46	47.8	118	19	16.98	105.64	1.78	13.3
May	15,920	709	W	W	1.47	43.6	126	20	17.42	107.63	1.81	12.1
June	15,904	703	W	W	1.61	44.8	185	30	18.05	111.09	1.86	15.5
July	17,479	773	W	W	1.49	46.5	121	20	15.79	98.08	1.72	11.7
August	18,015	794	W	W	1.58	47.7	110	18	W	W	1.64	9.4
Sept	16,624	732	W	W	1.47	45.8	132	22	17.63	107.87	1.95	13.5
October	17,061	752	W	W	1.59	48.0	135	22	16.12	98.52	1.65	16.2
November	16,880	745	W	W	1.61	47.0	148	25	17.58	105.86	1.47	11.3
December	16,952	743	W	W	1.52	45.4	164	27	15.14	92.18	1.47	15.7
Year 2015												
January	17,813	775	W	W	1.59	46.0	159	26	12.53	76.07	2.04	6.3
February	13,545	597	W	W	1.65	40.0	405	67	16.55	99.49	1.65	12.3
March	17,748	778	W	W	1.48	47.4	1,607	262	W	W	1.99	108.0
Year to Date												
2013	66,832	3,111	W	W	1.26	60.8	862	140	18.18	111.78	1.40	20.4
2014	51,424	2,274	W	W	1.55	42.1	698	113	20.06	123.74	1.17	8.6
2015	49,105	2,151	W	W	1.57	44.6	2,171	356	13.77	84.09	1.95	29.5
Rolling 12 Months Ending in March												
2014	260,135	11,890	W	W	1.37	59.3	2,267	367	W	W	1.35	11.8
2015	200,720	8,854	W	W	1.54	45.9	3,410	557	W	W	1.85	20.3

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Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2005 - March 2015 (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												
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	17,236	623	W	W	5.82	30.5	750,946	728,835	W	W	62.3	W
2014	7,120	255	W	W	5.89	14.5	714,558	691,601	W	W	61.8	W
Year 2013												
January	1,844	67	2.30	63.72	6.13	34.8	61,781	60,209	W	W	60.2	W
February	1,058	38	2.38	65.94	6.03	30.4	59,307	57,544	W	W	64.4	W
March	1,317	47	2.40	67.24	6.03	26.2	63,464	61,243	W	W	63.0	W
April	1,424	51	W	W	5.96	30.6	58,374	56,733	W	W	61.4	W
May	1,520	54	W	W	5.82	28.5	62,146	60,458	W	W	64.7	W
June	1,686	61	W	W	5.70	32.1	64,256	62,350	W	W	65.2	W
July	1,666	59	W	W	5.99	30.2	63,859	61,986	W	W	59.3	W
August	2,041	72	W	W	5.94	33.2	64,617	62,815	W	W	60.6	W
Sept	1,565	56	W	W	5.68	34.3	60,028	58,253	W	W	60.9	W
October	1,252	46	W	W	5.36	29.1	62,118	60,239	W	W	63.0	W
November	677	25	2.36	65.25	5.58	21.5	64,376	62,456	W	W	64.0	W
December	1,189	45	W	W	5.28	31.4	66,621	64,548	W	W	61.4	W
Year 2014												
January	219	8	W	W	6.07	5.3	63,493	61,584	W	W	59.7	W
February	161	6	W	W	6.30	4.4	56,999	55,245	W	W	62.2	W
March	577	21	W	W	5.82	14.5	62,891	60,988	W	W	62.8	W
April	503	18	W	W	6.00	14.4	56,195	54,553	W	W	61.2	W
May	361	13	W	W	5.57	13.7	57,677	55,846	W	W	64.2	W
June	766	27	W	W	5.67	23.7	58,178	56,342	W	W	63.2	W
July	571	20	W	W	5.85	10.5	62,126	60,142	W	W	63.9	W
August	666	24	W	W	5.86	12.3	62,503	60,408	W	W	63.3	W
Sept	769	27	W	W	6.00	16.1	57,174	55,248	W	W	59.9	W
October	736	26	W	W	6.00	19.8	55,885	54,016	W	W	60.2	W
November	835	31	W	W	5.89	20.1	59,425	57,413	W	W	61.2	W
December	956	35	W	W	5.94	20.9	62,014	59,817	W	W	60.2	W
Year 2015												
January	788	29	W	W	5.74	19.4	58,372	56,448	W	W	56.0	W
February	481	17	W	W	6.17	12.2	55,718	53,949	W	W	60.9	W
March	601	21	W	W	5.99	16.1	59,412	57,486	W	W	60.6	W
Year to Date												
2013	4,218	152	2.35	65.37	6.07	30.6	184,552	178,996	W	W	62.4	W
2014	957	34	W	W	5.96	8.2	183,383	177,817	W	W	61.5	W
2015	1,870	67	W	W	5.93	15.9	173,502	167,883	W	W	59.1	W
Rolling 12 Months Ending in March												
2014	13,975	505	W	W	5.75	25.7	749,777	727,655	W	W	62.0	W
2015	8,033	288	W	W	5.89	16.3	704,677	681,668	W	W	61.2	W

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See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 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 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, March 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	320	416	-23.0%	32	42	283	366	0	0	5	8
Connecticut	85	166	-49.0%	0	0	85	166	0	0	0	0
Maine	17	14	16.0%	0	0	12	7	0	0	5	8
Massachusetts	186	194	-4.0%	0	0	186	194	0	0	0	0
New Hampshire	32	42	-24.0%	32	42	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,183	3,697	-41.0%	0	0	2,146	3,653	0	0	37	44
New Jersey	125	114	9.4%	0	0	125	114	0	0	0	0
New York	84	476	-82.0%	0	0	60	444	0	0	24	31
Pennsylvania	1,974	3,107	-36.0%	0	0	1,961	3,094	0	0	13	13
East North Central	14,388	16,931	-15.0%	9,462	10,722	4,692	5,949	1	9	233	251
Illinois	4,684	5,662	-17.0%	481	541	4,032	4,944	0	0	172	178
Indiana	3,237	3,801	-15.0%	3,012	3,520	225	281	0	0	0	0
Michigan	1,698	1,726	-1.6%	1,693	1,707	0	0	1	9	4	10
Ohio	2,605	4,123	-37.0%	2,147	3,373	435	723	0	0	23	26
Wisconsin	2,164	1,619	34.0%	2,129	1,581	0	0	0	0	34	37
West North Central	11,848	11,600	2.1%	11,728	11,476	0	0	7	11	113	113
Iowa	1,739	1,479	18.0%	1,625	1,370	0	0	0	0	113	109
Kansas	1,797	1,646	9.2%	1,797	1,646	0	0	0	0	0	0
Minnesota	1,674	1,322	27.0%	1,674	1,318	0	0	0	0	0	4
Missouri	3,684	3,678	0.2%	3,678	3,667	0	0	7	11	0	0
Nebraska	1,171	1,368	-14.0%	1,171	1,368	0	0	0	0	0	0
North Dakota	1,783	1,933	-7.7%	1,783	1,933	0	0	0	0	0	0
South Dakota	0	175	-100.0%	0	175	0	0	0	0	0	0
South Atlantic	8,858	9,876	-10.0%	7,304	7,474	1,417	2,225	0	0	136	177
Delaware	35	92	-62.0%	0	0	35	92	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,570	1,645	-4.5%	1,544	1,596	26	49	0	0	0	0
Georgia	1,539	1,513	1.7%	1,528	1,454	0	0	0	0	11	59
Maryland	514	805	-36.0%	0	0	482	767	0	0	32	38
North Carolina	1,219	1,237	-1.5%	1,219	1,237	0	0	0	0	0	0
South Carolina	998	739	35.0%	974	719	0	0	0	0	24	20
Virginia	699	969	-28.0%	597	820	66	118	0	0	36	31
West Virginia	2,284	2,876	-21.0%	1,442	1,648	808	1,198	0	0	34	29
East South Central	6,298	6,717	-6.2%	5,807	6,502	344	66	0	0	146	149
Alabama	1,636	1,544	5.9%	1,636	1,544	0	0	0	0	0	0
Kentucky	3,462	3,045	14.0%	3,433	3,045	30	0	0	0	0	0
Mississippi	351	211	67.0%	36	145	315	66	0	0	0	0
Tennessee	849	1,917	-56.0%	702	1,769	0	0	0	0	146	149
West South Central	9,504	11,118	-15.0%	5,277	5,577	4,222	5,541	0	0	5	0
Arkansas	1,334	1,277	4.5%	1,020	1,112	310	164	0	0	5	0
Louisiana	791	760	4.0%	480	302	311	458	0	0	0	0
Oklahoma	1,744	1,481	18.0%	1,631	1,389	113	93	0	0	0	0
Texas	5,635	7,599	-26.0%	2,146	2,773	3,489	4,826	0	0	0	0
Mountain	8,752	8,661	1.0%	7,947	7,879	779	751	0	0	26	30
Arizona	1,875	1,863	0.6%	1,875	1,863	0	0	0	0	0	0
Colorado	1,795	1,520	18.0%	1,795	1,520	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	762	676	13.0%	0	0	762	676	0	0	0	0
Nevada	73	476	-85.0%	56	400	17	76	0	0	0	0
New Mexico	857	986	-13.0%	857	986	0	0	0	0	0	0
Utah	1,343	1,092	23.0%	1,317	1,062	0	0	0	0	26	30
Wyoming	2,048	2,049	0.0%	2,048	2,049	0	0	0	0	0	0
Pacific Contiguous	312	778	-60.0%	97	195	139	540	0	0	76	44
California	76	98	-22.0%	0	0	0	54	0	0	76	44
Oregon	97	195	-50.0%	97	195	0	0	0	0	0	0
Washington	139	486	-71.0%	0	0	139	486	0	0	0	0
Pacific Noncontiguous	58	60	-3.7%	0	0	58	60	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	58	60	-3.7%	0	0	58	60	0	0	0	0
U.S. Total	62,520	69,853	-10.0%	47,654	49,867	14,079	19,151	8	20	778	816

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See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

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

Table 4.6.B. Receipts of Coal Delivered for Electricity Generation by State, (Year-to-Date) March 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	922	949	-2.9%	141	115	763	817	0	0	18	17
Connecticut	251	322	-22.0%	0	0	251	322	0	0	0	0
Maine	51	41	25.0%	0	0	33	24	0	0	18	17
Massachusetts	479	463	3.4%	0	0	479	463	0	0	0	0
New Hampshire	141	115	22.0%	141	115	0	0	0	0	0	0
Rhode Island	0	8	-100.0%	0	0	0	8	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	7,331	9,753	-25.0%	0	0	7,220	9,643	0	0	111	110
New Jersey	313	329	-4.9%	0	0	313	329	0	0	0	0
New York	213	1,067	-80.0%	0	0	140	996	0	0	73	71
Pennsylvania	6,805	8,357	-19.0%	0	0	6,767	8,318	0	0	38	39
East North Central	43,796	45,341	-3.4%	27,957	28,262	15,153	16,346	3	19	683	714
Illinois	15,074	15,776	-4.5%	1,373	1,435	13,204	13,850	0	0	497	492
Indiana	9,697	9,857	-1.6%	9,039	9,187	658	671	0	0	0	0
Michigan	4,652	4,588	1.4%	4,602	4,504	29	32	3	19	18	33
Ohio	8,483	10,507	-19.0%	7,152	8,637	1,261	1,793	0	0	69	77
Wisconsin	5,890	4,613	28.0%	5,790	4,500	0	0	0	0	100	113
West North Central	35,949	34,343	4.7%	35,606	33,961	0	0	27	37	315	345
Iowa	4,852	4,586	5.8%	4,551	4,245	0	0	0	0	301	341
Kansas	4,704	4,823	-2.5%	4,704	4,823	0	0	0	0	0	0
Minnesota	5,066	3,601	41.0%	5,051	3,597	0	0	0	0	14	4
Missouri	11,793	10,761	9.6%	11,765	10,724	0	0	27	37	0	0
Nebraska	3,323	3,909	-15.0%	3,323	3,909	0	0	0	0	0	0
North Dakota	5,837	6,170	-5.4%	5,837	6,170	0	0	0	0	0	0
South Dakota	374	492	-24.0%	374	492	0	0	0	0	0	0
South Atlantic	27,281	25,952	5.1%	22,383	19,526	4,488	5,927	0	0	410	499
Delaware	93	187	-50.0%	0	0	93	187	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,558	4,511	1.0%	4,506	4,436	52	75	0	0	0	0
Georgia	4,601	3,754	23.0%	4,539	3,634	0	0	0	0	62	120
Maryland	1,534	2,156	-29.0%	0	0	1,436	2,043	0	0	99	113
North Carolina	3,897	3,010	29.0%	3,897	3,010	0	0	0	0	0	0
South Carolina	2,929	2,025	45.0%	2,880	1,965	0	0	0	0	49	60
Virginia	2,112	2,715	-22.0%	1,824	2,359	189	257	0	0	99	99
West Virginia	7,556	7,595	-0.5%	4,737	4,122	2,719	3,366	0	0	100	107
East South Central	19,600	19,876	-1.4%	18,249	18,836	962	618	0	0	388	421
Alabama	4,858	4,968	-2.2%	4,858	4,968	0	0	0	0	0	0
Kentucky	10,864	8,812	23.0%	10,820	8,812	44	0	0	0	0	0
Mississippi	1,336	976	37.0%	419	358	918	618	0	0	0	0
Tennessee	2,541	5,119	-50.0%	2,153	4,699	0	0	0	0	388	421
West South Central	33,613	34,947	-3.8%	18,490	17,627	15,101	17,320	0	0	22	0
Arkansas	4,229	4,457	-5.1%	3,542	3,953	665	504	0	0	22	0
Louisiana	3,063	2,227	38.0%	1,654	859	1,409	1,367	0	0	0	0
Oklahoma	5,210	4,748	9.7%	4,889	4,486	321	262	0	0	0	0
Texas	21,111	23,516	-10.0%	8,405	8,329	12,706	15,187	0	0	0	0
Mountain	25,621	25,365	1.0%	23,309	22,881	2,281	2,448	0	0	31	36
Arizona	5,736	5,473	4.8%	5,736	5,473	0	0	0	0	0	0
Colorado	4,928	4,660	5.8%	4,928	4,660	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	2,176	2,205	-1.3%	0	0	2,176	2,205	0	0	0	0
Nevada	334	1,080	-69.0%	229	837	105	243	0	0	0	0
New Mexico	2,672	2,843	-6.0%	2,672	2,843	0	0	0	0	0	0
Utah	3,636	3,078	18.0%	3,605	3,042	0	0	0	0	31	36
Wyoming	6,139	6,026	1.9%	6,139	6,026	0	0	0	0	0	0
Pacific Contiguous	1,558	2,363	-34.0%	355	525	1,030	1,707	0	0	172	132
California	172	185	-7.1%	0	0	0	54	0	0	172	132
Oregon	355	525	-32.0%	355	525	0	0	0	0	0	0
Washington	1,030	1,653	-38.0%	0	0	1,030	1,653	0	0	0	0
Pacific Noncontiguous	177	183	-3.2%	0	0	177	183	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	177	183	-3.2%	0	0	177	183	0	0	0	0
U.S. Total	195,847	199,073	-1.6%	146,489	141,734	47,176	55,010	30	55	2,151	2,274

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

Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, March 2015 and 2014
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	188	203	-7.2%	2	21	186	176	0	0	0	6
Connecticut	52	22	141.0%	0	0	52	22	0	0	0	0
Maine	60	12	384.0%	0	0	60	7	0	0	0	6
Massachusetts	51	120	-58.0%	0	20	50	100	0	0	0	0
New Hampshire	25	21	18.0%	2	1	23	20	0	0	0	0
Rhode Island	0	27	-100.0%	0	0	0	27	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	535	662	-19.0%	332	243	202	416	0	0	0	3
New Jersey	1	24	-95.0%	0	0	1	24	0	0	0	0
New York	423	431	-2.0%	332	243	90	185	0	0	0	3
Pennsylvania	111	206	-46.0%	0	0	111	206	0	0	0	0
East North Central	94	98	-3.6%	75	60	14	37	0	0	5	1
Illinois	7	7	7.0%	2	3	6	4	0	0	0	0
Indiana	22	12	89.0%	22	12	0	0	0	0	0	0
Michigan	25	27	-6.8%	24	26	0	0	0	0	1	0
Ohio	38	43	-12.0%	27	11	8	31	0	0	3	1
Wisconsin	2	10	-78.0%	1	8	0	1	0	0	1	0
West North Central	29	61	-52.0%	29	61	0	0	0	0	0	0
Iowa	7	6	9.5%	7	6	0	0	0	0	0	0
Kansas	6	6	-12.0%	6	6	0	0	0	0	0	0
Minnesota	1	19	-93.0%	1	19	0	0	0	0	0	0
Missouri	9	20	-58.0%	9	20	0	0	0	0	0	0
Nebraska	0	6	-100.0%	0	6	0	0	0	0	0	0
North Dakota	7	3	101.0%	7	3	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	766	395	94.0%	426	191	84	196	0	0	257	8
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	20	15	33.0%	20	14	0	1	0	0	0	0
Georgia	12	16	-26.0%	8	11	0	0	0	0	4	4
Maryland	11	138	-92.0%	0	0	11	138	0	0	0	0
North Carolina	142	31	364.0%	137	31	4	0	0	0	0	0
South Carolina	108	23	358.0%	99	22	0	0	0	0	8	2
Virginia	456	156	192.0%	143	106	69	49	0	0	244	2
West Virginia	18	14	27.0%	18	7	0	7	0	0	0	0
East South Central	33	75	-56.0%	33	74	0	1	0	0	0	0
Alabama	8	7	14.0%	8	6	0	1	0	0	0	0
Kentucky	12	15	-21.0%	12	15	0	0	0	0	0	0
Mississippi	1	4	-66.0%	1	4	0	0	0	0	0	0
Tennessee	12	50	-76.0%	12	50	0	0	0	0	0	0
West South Central	34	31	10.0%	25	5	9	25	0	0	0	0
Arkansas	14	1	883.0%	13	0	1	1	0	0	0	0
Louisiana	7	11	-35.0%	5	0	2	11	0	0	0	0
Oklahoma	1	1	-3.6%	1	1	0	0	0	0	0	0
Texas	12	18	-30.0%	6	4	6	13	0	0	0	0
Mountain	45	26	72.0%	42	25	3	2	0	0	0	0
Arizona	14	10	40.0%	14	10	0	0	0	0	0	0
Colorado	0	1	-100.0%	0	1	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	3	1	120.0%	0	0	3	1	0	0	0	0
Nevada	2	2	32.0%	2	2	1	0	0	0	0	0
New Mexico	10	8	20.0%	10	8	0	0	0	0	0	0
Utah	13	2	767.0%	13	2	0	0	0	0	0	0
Wyoming	2	3	-8.3%	2	3	0	0	0	0	0	0
Pacific Contiguous	0	2	-92.0%	0	0	0	2	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	2	-92.0%	0	0	0	2	0	0	0	0
Pacific Noncontiguous	883	954	-7.4%	711	795	172	159	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	883	954	-7.4%	711	795	172	159	0	0	0	0
U.S. Total	2,608	2,507	4.0%	1,675	1,475	671	1,013	0	0	262	19

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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) March 2015 and 2014
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	871	1,681	-48.0%	12	146	828	1,504	0	0	31	31
Connecticut	75	264	-72.0%	0	0	75	264	0	0	0	0
Maine	478	226	111.0%	0	0	447	195	0	0	31	31
Massachusetts	278	807	-66.0%	5	20	272	787	0	0	0	0
New Hampshire	29	305	-90.0%	6	126	23	179	0	0	0	0
Rhode Island	11	79	-86.0%	0	0	11	79	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,227	3,042	-27.0%	865	597	1,359	2,439	0	0	3	6
New Jersey	47	213	-78.0%	0	0	47	213	0	0	0	0
New York	1,844	2,048	-10.0%	865	597	976	1,446	0	0	3	5
Pennsylvania	336	781	-57.0%	0	0	336	780	0	0	0	1
East North Central	344	588	-41.0%	256	314	74	253	0	0	14	20
Illinois	23	57	-60.0%	7	9	16	48	0	0	0	0
Indiana	87	83	4.5%	87	83	0	0	0	0	0	0
Michigan	53	81	-35.0%	51	75	0	0	0	0	2	7
Ohio	158	321	-51.0%	89	103	58	204	0	0	10	13
Wisconsin	25	46	-47.0%	23	44	0	1	0	0	1	1
West North Central	108	174	-38.0%	108	174	0	0	0	0	0	0
Iowa	13	21	-35.0%	13	21	0	0	0	0	0	0
Kansas	26	18	43.0%	26	18	0	0	0	0	0	0
Minnesota	5	47	-89.0%	5	47	0	0	0	0	0	0
Missouri	45	58	-23.0%	45	58	0	0	0	0	0	0
Nebraska	0	16	-100.0%	0	16	0	0	0	0	0	0
North Dakota	13	13	0.6%	13	13	0	0	0	0	0	0
South Dakota	6	1	509.0%	6	1	0	0	0	0	0	0
South Atlantic	1,749	2,962	-41.0%	1,028	1,975	415	932	0	0	307	56
Delaware	54	11	389.0%	0	0	54	11	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	53	73	-27.0%	53	69	0	4	0	0	0	0
Georgia	148	186	-21.0%	49	111	75	47	0	0	23	29
Maryland	85	625	-86.0%	0	0	85	625	0	0	0	0
North Carolina	330	486	-32.0%	297	475	33	11	0	0	0	0
South Carolina	208	364	-43.0%	175	355	7	0	0	0	26	9
Virginia	825	1,133	-27.0%	406	909	161	205	0	0	258	18
West Virginia	47	84	-44.0%	47	56	0	29	0	0	0	0
East South Central	188	210	-11.0%	160	187	27	23	0	0	1	0
Alabama	62	73	-15.0%	36	50	27	23	0	0	0	0
Kentucky	36	47	-22.0%	36	47	0	0	0	0	0	0
Mississippi	5	6	-9.3%	5	6	0	0	0	0	0	0
Tennessee	84	85	-1.1%	83	85	0	0	0	0	1	0
West South Central	104	85	22.0%	70	27	34	58	0	0	0	0
Arkansas	24	6	324.0%	17	2	8	4	0	0	0	0
Louisiana	55	27	102.0%	39	10	15	17	0	0	0	0
Oklahoma	1	1	-2.6%	1	1	0	0	0	0	0	0
Texas	24	51	-53.0%	13	15	11	36	0	0	0	0
Mountain	129	102	27.0%	125	97	4	4	0	0	0	0
Arizona	46	32	41.0%	46	32	0	0	0	0	0	0
Colorado	5	1	519.0%	5	1	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	3	4	-20.0%	0	0	3	4	0	0	0	0
Nevada	8	4	127.0%	7	3	1	0	0	0	0	0
New Mexico	33	28	17.0%	33	28	0	0	0	0	0	0
Utah	16	11	44.0%	16	11	0	0	0	0	0	0
Wyoming	18	21	-17.0%	18	21	0	0	0	0	0	0
Pacific Contiguous	1	4	-85.0%	0	0	1	4	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	1	4	-85.0%	0	0	1	4	0	0	0	0
Pacific Noncontiguous	2,396	2,445	-2.0%	1,934	2,019	462	426	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	2,396	2,445	-2.0%	1,934	2,019	462	426	0	0	0	0
U.S. Total	8,117	11,292	-28.0%	4,558	5,537	3,203	5,642	0	0	356	113

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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, March 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
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	74	145	-49.0%	35	92	34	41	0	0	6	13
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	57	-100.0%	0	57	0	0	0	0	0	0
Michigan	32	29	7.6%	32	29	0	0	0	0	0	0
Ohio	34	41	-17.0%	0	0	34	41	0	0	0	0
Wisconsin	9	18	-50.0%	3	5	0	0	0	0	6	13
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	66	139	-52.0%	51	131	0	0	0	0	15	8
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	51	131	-61.0%	51	131	0	0	0	0	0	0
Georgia	15	8	99.0%	0	0	0	0	0	0	15	8
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	32	23	44.0%	32	23	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	32	23	44.0%	32	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	165	151	9.5%	165	151	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	165	151	9.5%	165	151	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	338	457	-26.0%	283	396	34	41	0	0	21	21

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

Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) March 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 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	295	351	-16.0%	169	213	105	112	0	0	22	26
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	89	117	-24.0%	89	117	0	0	0	0	0	0
Michigan	77	86	-9.5%	75	84	2	2	0	0	0	0
Ohio	102	110	-7.1%	0	0	102	110	0	0	0	0
Wisconsin	26	38	-32.0%	5	12	0	0	0	0	22	26
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	266	335	-21.0%	220	327	0	0	0	0	46	8
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	220	327	-33.0%	220	327	0	0	0	0	0	0
Georgia	46	8	470.0%	0	0	0	0	0	0	46	8
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	86	64	34.0%	86	64	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	86	64	34.0%	86	64	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	513	414	24.0%	513	414	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	513	414	24.0%	513	414	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,160	1,163	-0.3%	987	1,017	105	112	0	0	67	34

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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, March 2015 and 2014
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	23,967	18,224	32.0%	20	71	23,848	17,614	0	0	99	539
Connecticut	8,168	6,701	22.0%	0	0	8,168	6,701	0	0	0	0
Maine	1,940	2,049	-5.3%	0	0	1,842	1,510	0	0	99	539
Massachusetts	7,291	5,601	30.0%	20	53	7,270	5,547	0	0	0	0
New Hampshire	3,398	1,961	73.0%	0	17	3,398	1,944	0	0	0	0
Rhode Island	3,170	1,913	66.0%	0	0	3,170	1,913	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	88,211	74,475	18.0%	6,350	7,312	81,647	66,930	0	0	213	233
New Jersey	21,149	16,573	28.0%	0	0	21,149	16,573	0	0	0	0
New York	34,443	31,108	11.0%	6,350	7,312	28,022	23,696	0	0	70	100
Pennsylvania	32,620	26,794	22.0%	0	0	32,476	26,661	0	0	144	133
East North Central	57,814	34,792	66.0%	22,390	13,520	34,430	20,556	337	349	657	367
Illinois	4,888	1,169	318.0%	213	51	4,673	1,112	0	0	2	5
Indiana	11,849	7,141	66.0%	9,071	5,194	2,778	1,947	0	0	0	0
Michigan	13,554	8,379	62.0%	3,417	1,952	9,414	5,842	337	349	386	237
Ohio	18,811	14,654	28.0%	6,328	4,948	12,422	9,692	0	0	60	14
Wisconsin	8,712	3,449	153.0%	3,361	1,375	5,142	1,963	0	0	209	111
West North Central	8,195	3,800	116.0%	7,032	3,065	1,067	729	88	1	8	6
Iowa	259	215	21.0%	259	215	0	0	0	0	0	0
Kansas	751	581	29.0%	751	581	0	0	0	0	0	0
Minnesota	4,437	1,367	225.0%	3,962	1,077	467	284	0	0	8	6
Missouri	2,538	1,486	71.0%	1,851	1,041	600	445	88	1	0	0
Nebraska	136	115	18.0%	136	115	0	0	0	0	0	0
North Dakota	15	0	--	15	0	0	0	0	0	0	0
South Dakota	59	36	64.0%	59	36	0	0	0	0	0	0
South Atlantic	161,715	135,661	19.0%	130,453	112,045	28,113	21,564	0	0	3,150	2,053
Delaware	3,218	3,991	-19.0%	0	0	1,840	2,966	0	0	1,378	1,025
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	84,115	76,591	9.8%	81,278	74,535	2,837	2,056	0	0	0	0
Georgia	26,767	19,055	40.0%	18,640	14,427	7,023	3,855	0	0	1,104	774
Maryland	1,258	1,232	2.1%	0	0	1,231	1,202	0	0	27	30
North Carolina	19,125	14,734	30.0%	12,365	9,630	6,760	5,103	0	0	0	0
South Carolina	8,126	6,504	25.0%	7,666	5,942	369	545	0	0	91	18
Virginia	18,790	13,075	44.0%	10,468	7,126	7,772	5,743	0	0	549	206
West Virginia	317	480	-34.0%	35	385	283	95	0	0	0	0
East South Central	63,508	49,433	28.0%	34,691	28,584	28,187	20,820	0	0	630	29
Alabama	29,249	25,281	16.0%	6,478	8,486	22,772	16,795	0	0	0	0
Kentucky	3,137	4,192	-25.0%	3,060	3,722	77	470	0	0	0	0
Mississippi	26,272	18,451	42.0%	20,933	14,896	5,338	3,555	0	0	0	0
Tennessee	4,850	1,509	221.0%	4,220	1,480	0	0	0	0	630	29
West South Central	229,417	182,723	26.0%	61,574	43,114	118,345	85,742	0	0	49,497	53,867
Arkansas	10,883	6,040	80.0%	2,277	1,564	8,201	4,477	0	0	405	0
Louisiana	38,200	33,758	13.0%	18,488	11,205	6,241	5,415	0	0	13,471	17,138
Oklahoma	18,799	13,368	41.0%	13,248	9,283	5,550	4,085	0	0	0	0
Texas	161,536	129,557	25.0%	27,562	21,062	98,353	71,765	0	0	35,621	36,729
Mountain	36,776	30,356	21.0%	27,570	21,379	9,121	8,904	0	0	85	72
Arizona	9,097	5,677	60.0%	5,351	2,968	3,746	2,709	0	0	0	0
Colorado	5,936	7,888	-25.0%	4,237	4,251	1,698	3,636	0	0	0	0
Idaho	726	322	126.0%	26	139	700	182	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	12,397	7,653	62.0%	11,733	7,215	664	437	0	0	0	0
New Mexico	5,550	5,022	11.0%	3,246	3,091	2,305	1,931	0	0	0	0
Utah	3,062	3,788	-19.0%	2,969	3,708	8	8	0	0	85	72
Wyoming	9	7	27.0%	9	7	0	0	0	0	0	0
Pacific Contiguous	57,695	59,342	-2.8%	24,420	21,229	30,129	34,291	0	0	3,146	3,822
California	48,194	53,380	-9.7%	18,851	17,544	26,197	32,014	0	0	3,146	3,822
Oregon	6,079	2,905	109.0%	2,147	628	3,932	2,277	0	0	0	0
Washington	3,422	3,057	12.0%	3,422	3,057	0	0	0	0	0	0
Pacific Noncontiguous	1,244	1,855	-33.0%	1,244	1,855	0	0	0	0	0	0
Alaska	1,244	1,855	-33.0%	1,244	1,855	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	728,542	590,661	23.0%	315,745	252,175	354,887	277,149	424	349	57,486	60,988

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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) March 2015 and 2014
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	67,530	55,219	22.0%	131	195	67,271	54,083	0	0	128	941
Connecticut	25,946	18,876	37.0%	0	0	25,946	18,876	0	0	0	0
Maine	5,179	6,952	-26.0%	0	0	5,050	6,011	0	0	128	941
Massachusetts	20,026	20,144	-0.6%	128	177	19,898	19,967	0	0	0	0
New Hampshire	9,275	2,950	214.0%	2	18	9,273	2,932	0	0	0	0
Rhode Island	7,105	6,297	13.0%	0	0	7,105	6,297	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	236,021	212,206	11.0%	21,174	21,382	214,236	190,194	0	0	611	630
New Jersey	55,808	46,692	20.0%	0	0	55,808	46,692	0	0	0	0
New York	91,979	89,671	2.6%	21,174	21,382	70,591	68,037	0	0	214	251
Pennsylvania	88,234	75,843	16.0%	0	0	87,837	75,465	0	0	397	378
East North Central	165,736	118,344	40.0%	63,145	47,624	99,719	68,772	1,190	1,037	1,683	911
Illinois	14,781	6,029	145.0%	533	278	14,238	5,737	0	0	10	13
Indiana	33,152	26,037	27.0%	25,287	18,976	7,864	7,061	0	0	0	0
Michigan	36,190	30,833	17.0%	7,016	7,945	27,098	21,456	1,190	1,037	886	395
Ohio	56,570	43,783	29.0%	19,203	15,484	37,179	28,205	0	0	188	94
Wisconsin	25,044	11,662	115.0%	11,106	4,941	13,339	6,313	0	0	599	408
West North Central	23,145	17,695	31.0%	20,972	15,346	2,010	2,301	93	5	70	43
Iowa	2,345	2,276	3.1%	2,341	2,274	0	0	0	0	4	2
Kansas	1,988	2,393	-17.0%	1,988	2,393	0	0	0	0	0	0
Minnesota	10,132	5,890	72.0%	9,014	4,061	1,053	1,787	0	0	66	41
Missouri	7,339	6,455	14.0%	6,290	5,937	957	513	93	5	0	0
Nebraska	340	281	21.0%	340	281	0	0	0	0	0	0
North Dakota	57	0	--	57	0	0	0	0	0	0	0
South Dakota	943	400	136.0%	943	400	0	0	0	0	0	0
South Atlantic	469,075	383,354	22.0%	378,992	313,328	81,818	64,343	0	0	8,265	5,683
Delaware	9,548	9,470	0.8%	0	0	6,004	6,670	0	0	3,544	2,800
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	232,454	212,372	9.5%	225,705	205,596	6,749	6,776	0	0	0	0
Georgia	83,467	56,386	48.0%	56,630	42,753	24,314	11,648	0	0	2,522	1,985
Maryland	3,469	2,723	27.0%	0	0	3,404	2,623	0	0	65	99
North Carolina	60,810	41,184	48.0%	41,329	26,213	19,481	14,971	0	0	0	0
South Carolina	22,256	17,726	26.0%	20,133	16,500	1,904	1,121	0	0	220	104
Virginia	56,146	41,211	36.0%	35,004	20,550	19,229	19,967	0	0	1,913	694
West Virginia	925	2,282	-59.0%	191	1,716	734	567	0	0	0	0
East South Central	205,310	157,775	30.0%	116,264	96,503	87,245	61,144	0	0	1,801	127
Alabama	92,924	71,952	29.0%	24,230	22,848	68,694	49,104	0	0	0	0
Kentucky	11,450	13,853	-17.0%	10,992	12,827	458	1,026	0	0	0	0
Mississippi	83,251	62,359	34.0%	65,158	51,344	18,093	11,015	0	0	0	0
Tennessee	17,684	9,611	84.0%	15,884	9,484	0	0	0	0	1,801	127
West South Central	676,309	582,175	16.0%	168,618	147,278	361,215	277,063	0	0	146,476	157,834
Arkansas	33,437	17,845	87.0%	7,074	2,629	25,171	15,216	0	0	1,192	0
Louisiana	114,999	114,756	0.2%	51,979	39,141	20,339	22,933	0	0	42,681	52,682
Oklahoma	59,873	54,294	10.0%	42,114	42,817	17,759	11,477	0	0	0	0
Texas	467,999	395,279	18.0%	67,451	62,691	297,946	227,436	0	0	102,603	105,152
Mountain	109,398	103,402	5.8%	77,792	69,085	31,468	34,146	0	0	138	171
Arizona	26,444	26,258	0.7%	13,355	11,089	13,088	15,170	0	0	0	0
Colorado	17,364	20,038	-13.0%	10,022	11,514	7,342	8,523	0	0	0	0
Idaho	3,216	4,981	-35.0%	1,438	2,659	1,778	2,321	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	35,804	25,972	38.0%	33,082	22,955	2,722	3,017	0	0	0	0
New Mexico	16,540	14,398	15.0%	10,035	9,322	6,506	5,076	0	0	0	0
Utah	10,007	11,723	-15.0%	9,837	11,514	33	39	0	0	138	171
Wyoming	23	32	-28.0%	23	32	0	0	0	0	0	0
Pacific Contiguous	169,457	218,717	-23.0%	70,795	79,684	89,950	127,555	0	0	8,712	11,477
California	143,190	176,564	-19.0%	55,522	53,912	78,956	111,175	0	0	8,712	11,477
Oregon	17,930	24,528	-27.0%	6,936	9,507	10,994	15,020	0	0	0	0
Washington	8,337	17,625	-53.0%	8,337	16,265	0	1,360	0	0	0	0
Pacific Noncontiguous	4,231	5,429	-22.0%	4,231	5,429	0	0	0	0	0	0
Alaska	4,231	5,429	-22.0%	4,231	5,429	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	2,126,212	1,854,314	15.0%	922,114	795,854	1,034,931	879,601	1,283	1,042	167,883	177,817

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

Table 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, March 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014
New England	3.42	W	W	3.84	4.38	3.36	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	3.84	4.38	-12.0%	3.84	4.38	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.57	2.77	-7.2%	--	--	2.57	2.77
New Jersey	3.93	3.85	2.1%	--	--	3.93	3.85
New York	3.19	3.03	5.3%	--	--	3.19	3.03
Pennsylvania	2.46	2.69	-8.6%	--	--	2.46	2.69
East North Central	2.22	2.34	-5.1%	2.30	2.48	2.03	2.04
Illinois	1.98	1.98	0.0%	2.03	2.10	1.97	1.96
Indiana	W	W	W	2.34	2.72	W	W
Michigan	2.50	2.73	-8.4%	2.50	2.73	--	--
Ohio	W	W	W	2.19	2.28	W	W
Wisconsin	2.29	2.27	0.9%	2.29	2.27	--	--
West North Central	1.77	1.75	1.1%	1.77	1.75	--	--
Iowa	1.63	1.62	0.6%	1.63	1.62	--	--
Kansas	1.70	1.78	-4.5%	1.70	1.78	--	--
Minnesota	1.94	1.88	3.2%	1.94	1.88	--	--
Missouri	1.95	2.01	-3.0%	1.95	2.01	--	--
Nebraska	1.37	1.38	-0.7%	1.37	1.38	--	--
North Dakota	1.70	1.40	21.0%	1.70	1.40	--	--
South Dakota	--	2.08	--	--	2.08	--	--
South Atlantic	2.98	3.12	-4.5%	3.07	3.25	2.57	2.73
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.02	3.32	W	W
Georgia	2.95	3.21	-8.1%	2.95	3.21	--	--
Maryland	3.00	3.18	-5.7%	--	--	3.00	3.18
North Carolina	3.56	3.59	-0.8%	3.56	3.59	--	--
South Carolina	3.56	3.76	-5.3%	3.56	3.76	--	--
Virginia	W	W	W	3.05	3.26	W	W
West Virginia	2.35	2.50	-6.0%	2.46	2.71	2.15	2.21
East South Central	2.35	W	W	2.35	2.49	2.37	W
Alabama	2.45	2.68	-8.6%	2.45	2.68	--	--
Kentucky	W	2.39	W	2.28	2.39	W	--
Mississippi	W	W	W	3.48	3.05	W	W
Tennessee	2.45	2.47	-0.8%	2.45	2.47	--	--
West South Central	2.06	2.07	-0.5%	2.09	2.20	2.02	1.92
Arkansas	W	W	W	2.20	2.43	W	W
Louisiana	W	W	W	2.26	2.60	W	W
Oklahoma	W	W	W	1.96	1.97	W	W
Texas	2.05	2.01	2.0%	2.09	2.17	2.02	1.90
Mountain	W	W	W	1.89	1.99	W	W
Arizona	2.01	2.10	-4.3%	2.01	2.10	--	--
Colorado	1.79	1.87	-4.3%	1.79	1.87	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.76	2.32	W	W
New Mexico	2.37	2.28	3.9%	2.37	2.28	--	--
Utah	1.95	2.17	-10.0%	1.95	2.17	--	--
Wyoming	1.59	1.61	-1.2%	1.59	1.61	--	--
Pacific Contiguous	W	W	W	2.36	2.49	W	W
California	--	W	W	--	--	--	W
Oregon	2.36	2.49	-5.2%	2.36	2.49	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.25	2.36	-4.7%	2.25	2.38	2.22	2.31

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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) March 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	3.60	W	W	3.74	4.54	3.57	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	3.74	4.54	-18.0%	3.74	4.54	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.62	2.83	-7.4%	--	--	2.62	2.83
New Jersey	4.01	3.82	5.0%	--	--	4.01	3.82
New York	3.15	3.05	3.3%	--	--	3.15	3.05
Pennsylvania	2.54	2.76	-8.0%	--	--	2.54	2.76
East North Central	2.23	2.31	-3.5%	2.33	2.45	2.03	2.02
Illinois	1.98	1.95	1.5%	2.05	2.09	1.97	1.94
Indiana	W	W	W	2.37	2.62	W	W
Michigan	W	W	W	2.54	2.72	W	W
Ohio	W	W	W	2.21	2.30	W	W
Wisconsin	2.33	2.25	3.6%	2.33	2.25	--	--
West North Central	1.79	1.75	2.3%	1.79	1.75	--	--
Iowa	1.67	1.63	2.5%	1.67	1.63	--	--
Kansas	1.74	1.76	-1.1%	1.74	1.76	--	--
Minnesota	1.97	1.91	3.1%	1.97	1.91	--	--
Missouri	1.96	1.99	-1.5%	1.96	1.99	--	--
Nebraska	1.37	1.38	-0.7%	1.37	1.38	--	--
North Dakota	1.56	1.44	8.3%	1.56	1.44	--	--
South Dakota	2.17	2.14	1.4%	2.17	2.14	--	--
South Atlantic	2.99	3.08	-2.9%	3.09	3.23	2.56	2.62
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.10	3.33	W	W
Georgia	2.98	3.13	-4.8%	2.98	3.13	--	--
Maryland	2.97	3.08	-3.6%	--	--	2.97	3.08
North Carolina	3.56	3.65	-2.5%	3.56	3.65	--	--
South Carolina	3.60	3.69	-2.4%	3.60	3.69	--	--
Virginia	W	W	W	3.05	3.25	W	W
West Virginia	2.36	2.44	-3.3%	2.44	2.66	2.21	2.16
East South Central	W	W	W	2.36	2.48	W	W
Alabama	2.42	2.65	-8.7%	2.42	2.65	--	--
Kentucky	W	2.38	W	2.28	2.38	W	--
Mississippi	W	W	W	3.33	3.49	W	W
Tennessee	2.43	2.44	-0.4%	2.43	2.44	--	--
West South Central	2.06	2.06	0.0%	2.14	2.19	1.96	1.92
Arkansas	W	W	W	2.22	2.36	W	W
Louisiana	W	W	W	2.22	2.64	W	W
Oklahoma	W	W	W	2.00	1.95	W	W
Texas	2.04	2.01	1.5%	2.17	2.19	1.94	1.90
Mountain	W	W	W	1.90	1.97	W	W
Arizona	2.02	2.11	-4.3%	2.02	2.11	--	--
Colorado	1.81	1.88	-3.7%	1.81	1.88	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.69	2.43	W	W
New Mexico	2.42	2.35	3.0%	2.42	2.35	--	--
Utah	1.95	2.09	-6.7%	1.95	2.09	--	--
Wyoming	1.55	1.58	-1.9%	1.55	1.58	--	--
Pacific Contiguous	W	W	W	2.43	2.47	W	W
California	--	W	W	--	--	--	W
Oregon	2.43	2.47	-1.6%	2.43	2.47	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.26	2.32	-2.6%	2.27	2.34	2.21	2.27

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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, March 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014
New England	W	W	W	15.20	22.79	W	W
Connecticut	16.52	27.14	-39.0%	--	--	16.52	27.14
Maine	W	W	W	--	--	W	W
Massachusetts	W	20.69	W	21.39	22.78	W	20.30
New Hampshire	W	W	W	13.87	22.88	W	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	10.99	22.02	-50.0%	9.82	20.71	13.20	22.83
New Jersey	W	W	W	--	--	W	W
New York	10.53	W	W	9.82	20.71	13.21	W
Pennsylvania	W	24.19	W	--	--	W	24.19
East North Central	15.03	24.95	-40.0%	15.03	23.60	14.99	27.14
Illinois	15.05	W	W	18.66	23.62	14.09	W
Indiana	14.56	24.30	-40.0%	14.56	24.30	--	--
Michigan	13.33	22.76	-41.0%	13.33	22.76	--	--
Ohio	16.02	26.72	-40.0%	16.15	24.54	15.62	27.45
Wisconsin	26.12	W	W	26.12	24.04	--	W
West North Central	13.41	23.05	-42.0%	13.41	23.05	--	--
Iowa	13.98	22.66	-38.0%	13.98	22.66	--	--
Kansas	12.76	22.66	-44.0%	12.76	22.66	--	--
Minnesota	13.57	23.76	-43.0%	13.57	23.76	--	--
Missouri	13.75	22.50	-39.0%	13.75	22.50	--	--
Nebraska	--	22.92	--	--	22.92	--	--
North Dakota	12.89	24.11	-47.0%	12.89	24.11	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	16.62	23.03	-28.0%	15.78	23.39	20.77	22.70
Delaware	--	W	W	--	--	--	W
District of Columbia	--	--	--	--	--	--	--
Florida	16.54	W	W	16.54	23.25	--	W
Georgia	13.88	24.21	-43.0%	13.88	24.21	--	--
Maryland	W	21.51	W	--	--	W	21.51
North Carolina	W	23.01	W	14.71	23.01	W	--
South Carolina	15.33	24.90	-38.0%	15.33	24.90	--	--
Virginia	W	W	W	17.04	22.93	W	W
West Virginia	14.69	W	W	14.69	25.92	--	W
East South Central	14.00	W	W	14.00	23.06	--	W
Alabama	13.87	W	W	13.87	22.71	--	W
Kentucky	14.55	24.06	-40.0%	14.55	24.06	--	--
Mississippi	13.04	23.14	-44.0%	13.04	23.14	--	--
Tennessee	13.65	22.79	-40.0%	13.65	22.79	--	--
West South Central	15.08	W	W	15.28	22.05	14.51	W
Arkansas	W	W	W	14.46	--	W	W
Louisiana	W	W	W	14.39	--	W	W
Oklahoma	13.77	22.97	-40.0%	13.77	22.97	--	--
Texas	W	22.18	W	17.88	21.91	W	22.28
Mountain	W	W	W	15.89	23.61	W	W
Arizona	14.68	22.66	-35.0%	14.68	22.66	--	--
Colorado	--	26.63	--	--	26.63	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	18.29	24.55	W	W
New Mexico	15.64	24.33	-36.0%	15.64	24.33	--	--
Utah	16.20	24.12	-33.0%	16.20	24.12	--	--
Wyoming	20.28	23.41	-13.0%	20.28	23.41	--	--
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	10.60	20.90	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	10.60	20.90	W	W
U.S. Total	12.49	21.95	-43.0%	12.14	21.54	13.49	22.58

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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) March 2015 and 2014 (Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	W	20.59	W	17.62	19.67	W	20.69
Connecticut	16.02	W	W	--	--	16.02	W
Maine	W	W	W	--	--	W	W
Massachusetts	16.01	19.94	-20.0%	22.01	22.78	15.89	19.88
New Hampshire	W	W	W	13.68	19.21	W	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	12.67	21.65	-41.0%	9.93	20.76	14.68	21.91
New Jersey	18.30	23.80	-23.0%	--	--	18.30	23.80
New York	12.48	20.81	-40.0%	9.93	20.76	14.77	20.84
Pennsylvania	13.54	23.43	-42.0%	--	--	13.54	23.43
East North Central	14.05	24.52	-43.0%	14.08	23.43	13.96	26.03
Illinois	14.34	W	W	14.84	23.52	14.14	W
Indiana	14.12	24.09	-41.0%	14.12	24.09	--	--
Michigan	13.14	22.86	-43.0%	13.14	22.86	--	--
Ohio	13.92	25.42	-45.0%	13.92	23.83	13.91	26.22
Wisconsin	16.30	W	W	16.30	22.22	--	W
West North Central	12.89	22.46	-43.0%	12.89	22.46	--	--
Iowa	12.92	22.37	-42.0%	12.92	22.37	--	--
Kansas	12.98	22.18	-41.0%	12.98	22.18	--	--
Minnesota	13.63	22.51	-39.0%	13.63	22.51	--	--
Missouri	12.72	22.48	-43.0%	12.72	22.48	--	--
Nebraska	--	22.31	--	--	22.31	--	--
North Dakota	13.18	22.89	-42.0%	13.18	22.89	--	--
South Dakota	12.44	23.34	-47.0%	12.44	23.34	--	--
South Atlantic	14.91	22.54	-34.0%	14.88	22.47	15.03	22.69
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	15.56	W	W	15.56	21.83	--	W
Georgia	18.88	W	W	24.88	23.53	14.11	W
Maryland	W	22.08	W	--	--	W	22.08
North Carolina	W	W	W	14.44	22.86	W	W
South Carolina	15.11	23.21	-35.0%	15.11	23.21	--	--
Virginia	14.94	22.16	-33.0%	13.81	21.77	17.98	24.00
West Virginia	14.68	W	W	14.68	25.05	--	W
East South Central	W	W	W	12.95	22.63	W	W
Alabama	W	W	W	13.01	21.95	W	W
Kentucky	14.18	23.54	-40.0%	14.18	23.54	--	--
Mississippi	12.48	22.75	-45.0%	12.48	22.75	--	--
Tennessee	12.41	22.53	-45.0%	12.41	22.53	--	--
West South Central	13.21	W	W	13.28	21.76	13.05	W
Arkansas	W	W	W	14.61	22.20	W	W
Louisiana	W	W	W	11.79	21.36	W	W
Oklahoma	15.98	23.24	-31.0%	15.98	23.24	--	--
Texas	W	21.92	W	15.87	21.87	W	21.95
Mountain	W	W	W	15.05	23.37	W	W
Arizona	14.26	22.79	-37.0%	14.26	22.79	--	--
Colorado	15.38	26.39	-42.0%	15.38	26.39	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	17.66	24.34	W	W
New Mexico	15.52	23.98	-35.0%	15.52	23.98	--	--
Utah	15.29	22.20	-31.0%	15.29	22.20	--	--
Wyoming	14.76	23.82	-38.0%	14.76	23.82	--	--
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	10.72	20.93	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	10.72	20.93	W	W
U.S. Total	12.52	21.80	-43.0%	11.91	21.69	13.47	21.92

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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, March 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.61	1.22	W	W
Illinois	--	--	--	--	--	--	--
Indiana	--	1.05	--	--	1.05	--	--
Michigan	1.63	1.43	14.0%	1.63	1.43	--	--
Ohio	W	W	W	--	--	W	W
Wisconsin	1.48	1.85	-20.0%	1.48	1.85	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.45	2.40	2.1%	2.45	2.40	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.45	2.40	2.1%	2.45	2.40	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.73	1.71	1.2%	1.73	1.71	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.73	1.71	1.2%	1.73	1.71	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.90	2.00	-5.0%	1.90	2.00	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.90	2.00	-5.0%	1.90	2.00	--	--
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	1.95	1.94	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) March 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.19	1.25	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.92	1.06	-13.0%	0.92	1.06	--	--
Michigan	W	W	W	1.52	1.44	W	W
Ohio	W	W	W	--	--	W	W
Wisconsin	1.52	1.87	-19.0%	1.52	1.87	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.35	2.37	-0.8%	2.35	2.37	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.35	2.37	-0.8%	2.35	2.37	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.77	1.74	1.7%	1.77	1.74	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.77	1.74	1.7%	1.77	1.74	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.91	1.92	-0.5%	1.91	1.92	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.91	1.92	-0.5%	1.91	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	1.93	W	W	1.87	1.91	2.47	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, March 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2015	March 2014	Percentage Change	March 2015	March 2014	March 2015	March 2014
New England	7.38	11.88	-38.0%	13.84	14.40	7.37	11.87
Connecticut	6.73	11.28	-40.0%	--	--	6.73	11.28
Maine	W	W	W	--	--	W	W
Massachusetts	8.39	12.52	-33.0%	13.89	16.06	8.36	12.48
New Hampshire	W	W	W	5.45	9.30	W	W
Rhode Island	W	12.79	W	--	--	W	12.79
Vermont	--	--	--	--	--	--	--
Middle Atlantic	3.64	6.94	-48.0%	5.17	7.68	3.51	6.84
New Jersey	3.50	5.93	-41.0%	--	--	3.50	5.93
New York	4.35	8.21	-47.0%	5.17	7.68	4.14	8.40
Pennsylvania	2.96	5.96	-50.0%	--	--	2.96	5.96
East North Central	3.14	7.48	-58.0%	3.14	6.92	3.13	7.86
Illinois	W	W	W	4.20	10.77	W	W
Indiana	W	W	W	3.21	5.88	W	W
Michigan	3.47	12.01	-71.0%	3.44	13.44	3.49	11.52
Ohio	2.62	5.33	-51.0%	2.40	5.12	2.74	5.44
Wisconsin	3.52	6.76	-48.0%	4.02	7.99	3.18	5.86
West North Central	W	8.18	W	3.89	8.66	W	6.21
Iowa	7.84	20.46	-62.0%	7.84	20.46	--	--
Kansas	3.90	7.49	-48.0%	3.90	7.49	--	--
Minnesota	W	W	W	3.91	7.75	W	W
Missouri	W	W	W	3.33	7.45	W	W
Nebraska	3.80	11.37	-67.0%	3.80	11.37	--	--
North Dakota	2.73	--	--	2.73	--	--	--
South Dakota	2.63	9.18	-71.0%	2.63	9.18	--	--
South Atlantic	4.24	5.85	-28.0%	4.32	5.85	3.70	5.83
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	4.40	5.76	W	W
Georgia	3.33	W	W	3.32	5.58	3.35	W
Maryland	W	6.42	W	--	--	W	6.42
North Carolina	W	W	W	5.13	6.31	W	W
South Carolina	W	W	W	3.68	5.50	W	W
Virginia	W	6.33	W	5.03	6.98	W	5.52
West Virginia	2.56	6.53	-61.0%	3.70	6.34	2.42	7.27
East South Central	3.17	5.34	-41.0%	3.25	5.21	3.07	5.56
Alabama	W	5.35	W	3.21	5.00	W	5.59
Kentucky	W	W	W	3.74	5.58	W	W
Mississippi	W	W	W	3.17	5.21	W	W
Tennessee	3.33	5.52	-40.0%	3.33	5.52	--	--
West South Central	2.96	5.29	-44.0%	3.07	5.63	2.89	5.09
Arkansas	W	W	W	3.64	6.14	W	W
Louisiana	3.04	5.31	-43.0%	3.05	5.54	2.99	4.82
Oklahoma	W	W	W	3.05	6.17	W	W
Texas	2.93	5.13	-43.0%	3.06	5.39	2.89	5.03
Mountain	W	6.09	W	3.58	6.23	W	5.58
Arizona	3.65	6.15	-41.0%	3.82	7.31	2.96	4.58
Colorado	W	5.99	W	4.46	6.08	W	5.88
Idaho	16.18	W	W	16.18	10.77	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.33	6.71	W	W
New Mexico	2.98	5.04	-41.0%	2.98	5.04	--	--
Utah	W	W	W	3.36	5.44	W	W
Wyoming	5.31	9.12	-42.0%	5.31	9.12	--	--
Pacific Contiguous	3.36	5.70	-41.0%	3.64	5.96	3.02	5.48
California	3.39	5.67	-40.0%	3.62	5.98	3.13	5.44
Oregon	2.76	5.79	-52.0%	2.97	5.77	2.65	5.79
Washington	4.14	5.94	-30.0%	4.14	5.94	--	--
Pacific Noncontiguous	5.39	4.47	21.0%	5.39	4.47	--	--
Alaska	5.39	4.47	21.0%	5.39	4.47	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	3.59	6.12	-41.0%	3.77	5.92	3.40	6.35

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

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

Table 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) March 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2015 YTD	March 2014 YTD	Percentage Change	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	10.13	16.60	-39.0%	14.34	16.51	10.12	16.60
Connecticut	9.11	14.29	-36.0%	--	--	9.11	14.29
Maine	W	W	W	--	--	W	W
Massachusetts	11.41	17.58	-35.0%	14.51	17.25	11.39	17.59
New Hampshire	W	W	W	5.62	9.24	W	W
Rhode Island	9.91	18.88	-48.0%	--	--	9.91	18.88
Vermont	--	--	--	--	--	--	--
Middle Atlantic	5.72	10.62	-46.0%	7.77	10.13	5.49	10.68
New Jersey	5.96	9.38	-36.0%	--	--	5.96	9.38
New York	6.44	10.12	-36.0%	7.77	10.13	5.98	10.12
Pennsylvania	4.83	11.90	-59.0%	--	--	4.83	11.90
East North Central	3.37	7.63	-56.0%	3.33	7.12	3.39	8.00
Illinois	W	W	W	4.30	12.07	W	W
Indiana	W	W	W	3.44	6.41	W	W
Michigan	3.69	10.47	-65.0%	3.56	10.96	3.72	10.28
Ohio	2.86	5.64	-49.0%	2.70	5.84	2.94	5.52
Wisconsin	3.72	7.30	-49.0%	4.02	7.52	3.46	7.11
West North Central	W	8.26	W	4.18	8.47	W	6.87
Iowa	4.91	14.54	-66.0%	4.91	14.54	--	--
Kansas	4.34	7.69	-44.0%	4.34	7.69	--	--
Minnesota	W	W	W	4.60	7.49	W	W
Missouri	W	W	W	3.45	6.79	W	W
Nebraska	4.12	11.35	-64.0%	4.12	11.35	--	--
North Dakota	2.88	--	--	2.88	--	--	--
South Dakota	2.82	11.00	-74.0%	2.82	11.00	--	--
South Atlantic	4.88	6.76	-28.0%	4.94	6.66	4.49	7.37
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.61	5.97	-23.0%	4.62	5.98	3.15	4.92
Georgia	W	W	W	3.50	5.86	W	W
Maryland	W	W	W	--	--	W	W
North Carolina	W	W	W	6.78	8.74	W	W
South Carolina	W	W	W	4.09	5.88	W	W
Virginia	W	10.50	W	7.63	12.91	W	8.00
West Virginia	3.05	W	W	3.42	6.35	2.95	W
East South Central	3.29	5.49	-40.0%	3.34	5.45	3.21	5.55
Alabama	W	5.39	W	3.24	5.14	W	5.55
Kentucky	W	W	W	4.22	6.13	W	W
Mississippi	W	W	W	3.23	5.36	W	W
Tennessee	3.36	5.79	-42.0%	3.36	5.79	--	--
West South Central	3.06	5.48	-44.0%	3.22	5.73	2.98	5.32
Arkansas	W	W	W	3.67	7.32	W	W
Louisiana	3.14	5.35	-41.0%	3.17	5.56	3.05	4.95
Oklahoma	W	W	W	3.20	5.97	W	W
Texas	3.03	5.37	-44.0%	3.21	5.60	2.98	5.30
Mountain	W	5.96	W	3.73	6.02	W	5.74
Arizona	W	6.42	W	4.15	7.24	W	5.33
Colorado	4.52	W	W	4.56	6.27	4.45	W
Idaho	3.26	W	W	3.26	6.44	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.57	5.80	W	W
New Mexico	3.21	5.49	-42.0%	3.21	5.49	--	--
Utah	W	W	W	3.42	5.40	W	W
Wyoming	5.93	7.47	-21.0%	5.93	7.47	--	--
Pacific Contiguous	3.55	5.75	-38.0%	3.87	5.86	3.19	5.65
California	3.61	5.81	-38.0%	3.90	6.07	3.29	5.63
Oregon	3.01	W	W	3.30	4.92	2.83	W
Washington	4.10	W	W	4.10	5.84	--	W
Pacific Noncontiguous	5.65	4.53	25.0%	5.65	4.53	--	--
Alaska	5.65	4.53	25.0%	5.65	4.53	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	4.18	7.01	-40.0%	4.18	6.36	4.17	7.74

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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, March 2015

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	235	1.01	11.6	85	0.09	2.0	0	--	--
Connecticut	0	--	--	85	0.09	2.0	0	--	--
Maine	17	0.68	8.0	0	--	--	0	--	--
Massachusetts	186	0.73	12.7	0	--	--	0	--	--
New Hampshire	32	2.60	8.1	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,128	2.85	10.6	48	0.23	5.4	0	--	--
New Jersey	125	1.29	7.4	0	--	--	0	--	--
New York	36	1.46	11.2	48	0.23	5.4	0	--	--
Pennsylvania	1,967	2.98	10.8	0	--	--	0	--	--
East North Central	6,890	3.03	9.8	7,498	0.23	4.9	0	--	--
Illinois	840	3.52	18.9	3,844	0.21	4.7	0	--	--
Indiana	3,060	2.87	8.6	178	0.26	4.8	0	--	--
Michigan	270	1.58	7.5	1,428	0.25	5.2	0	--	--
Ohio	2,605	3.26	9.3	0	--	--	0	--	--
Wisconsin	116	2.72	7.8	2,048	0.26	5.1	0	--	--
West North Central	123	3.47	9.0	10,024	0.29	5.2	1,701	0.89	10.8
Iowa	34	3.50	8.0	1,705	0.25	5.0	0	--	--
Kansas	25	3.72	14.1	1,771	0.37	5.5	0	--	--
Minnesota	0	--	--	1,674	0.37	6.3	0	--	--
Missouri	64	3.35	7.5	3,620	0.22	4.8	0	--	--
Nebraska	0	--	--	1,171	0.30	5.3	0	--	--
North Dakota	0	--	--	82	0.35	4.4	1,701	0.89	10.8
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	7,731	2.11	9.7	900	0.32	5.0	0	--	--
Delaware	35	2.52	7.5	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,570	2.31	8.4	0	--	--	0	--	--
Georgia	639	1.95	9.5	900	0.32	5.0	0	--	--
Maryland	511	2.30	9.9	0	--	--	0	--	--
North Carolina	1,219	1.80	9.9	0	--	--	0	--	--
South Carolina	998	1.61	9.2	0	--	--	0	--	--
Virginia	522	1.35	9.4	0	--	--	0	--	--
West Virginia	2,237	2.55	10.9	0	--	--	0	--	--
East South Central	4,095	2.55	8.9	1,924	0.24	5.2	279	0.50	12.8
Alabama	712	2.00	9.9	924	0.23	5.3	0	--	--
Kentucky	2,691	2.87	8.7	771	0.27	5.3	0	--	--
Mississippi	72	1.61	7.1	0	--	--	279	0.50	12.8
Tennessee	620	1.96	8.9	229	0.23	5.0	0	--	--
West South Central	99	2.14	18.4	7,345	0.27	5.2	2,061	0.87	16.1
Arkansas	5	0.62	9.1	1,329	0.25	5.2	0	--	--
Louisiana	37	3.22	8.9	556	0.29	5.3	199	0.77	14.8
Oklahoma	57	1.54	26.1	1,687	0.25	4.8	0	--	--
Texas	0	--	--	3,773	0.29	5.3	1,862	0.89	16.2
Mountain	2,508	0.64	13.4	6,244	0.53	9.0	0	--	--
Arizona	511	0.60	10.6	1,363	0.68	10.9	0	--	--
Colorado	324	0.52	10.6	1,471	0.31	5.4	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	762	0.76	10.4	0	--	--
Nevada	0	--	--	73	0.30	6.4	0	--	--
New Mexico	372	0.89	25.5	485	0.75	21.0	0	--	--
Utah	1,301	0.62	12.3	42	0.90	8.7	0	--	--
Wyoming	0	--	--	2,048	0.46	7.0	0	--	--
Pacific Contiguous	76	0.49	10.3	227	0.30	6.9	0	--	--
California	76	0.49	10.3	0	--	--	0	--	--
Oregon	0	--	--	97	0.25	4.4	0	--	--
Washington	0	--	--	130	0.34	8.7	0	--	--
Pacific Noncontiguous	58	1.38	4.9	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	58	1.38	4.9	0	--	--	0	--	--
U.S. Total	23,943	2.36	10.1	34,294	0.32	5.8	4,040	0.86	13.7

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

Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilties by State, March 2015

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	32	2.60	8.1	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	32	2.60	8.1	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	5,565	2.99	8.7	3,897	0.25	5.1	0	--	--
Illinois	213	3.24	9.8	268	0.22	4.9	0	--	--
Indiana	2,835	2.84	8.4	178	0.26	4.8	0	--	--
Michigan	264	1.58	7.5	1,428	0.25	5.2	0	--	--
Ohio	2,147	3.36	9.3	0	--	--	0	--	--
Wisconsin	106	2.72	7.7	2,023	0.26	5.1	0	--	--
West North Central	83	3.49	9.4	9,944	0.29	5.3	1,701	0.89	10.8
Iowa	0	--	--	1,625	0.26	5.0	0	--	--
Kansas	25	3.72	14.1	1,771	0.37	5.5	0	--	--
Minnesota	0	--	--	1,674	0.37	6.3	0	--	--
Missouri	58	3.39	7.4	3,620	0.22	4.8	0	--	--
Nebraska	0	--	--	1,171	0.30	5.3	0	--	--
North Dakota	0	--	--	82	0.35	4.4	1,701	0.89	10.8
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	6,227	1.96	9.9	900	0.32	5.0	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,544	2.33	8.3	0	--	--	0	--	--
Georgia	628	1.96	9.5	900	0.32	5.0	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,219	1.80	9.9	0	--	--	0	--	--
South Carolina	974	1.63	9.2	0	--	--	0	--	--
Virginia	420	1.40	9.7	0	--	--	0	--	--
West Virginia	1,442	2.12	12.2	0	--	--	0	--	--
East South Central	3,913	2.62	9.0	1,895	0.24	5.2	0	--	--
Alabama	712	2.00	9.9	924	0.23	5.3	0	--	--
Kentucky	2,691	2.87	8.7	742	0.27	5.2	0	--	--
Mississippi	36	0.46	5.5	0	--	--	0	--	--
Tennessee	473	2.33	9.2	229	0.23	5.0	0	--	--
West South Central	37	3.22	8.9	4,630	0.25	5.0	610	0.78	15.2
Arkansas	0	--	--	1,020	0.24	5.0	0	--	--
Louisiana	37	3.22	8.9	245	0.27	5.6	199	0.77	14.8
Oklahoma	0	--	--	1,631	0.25	4.8	0	--	--
Texas	0	--	--	1,734	0.25	5.1	412	0.78	15.4
Mountain	2,482	0.64	13.5	5,465	0.51	8.8	0	--	--
Arizona	511	0.60	10.6	1,363	0.68	10.9	0	--	--
Colorado	324	0.52	10.6	1,471	0.31	5.4	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	56	0.28	6.4	0	--	--
New Mexico	372	0.89	25.5	485	0.75	21.0	0	--	--
Utah	1,274	0.62	12.4	42	0.90	8.7	0	--	--
Wyoming	0	--	--	2,048	0.46	7.0	0	--	--
Pacific Contiguous	0	--	--	97	0.25	4.4	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	97	0.25	4.4	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	18,338	2.26	9.8	26,828	0.32	5.9	2,311	0.86	12.0

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

Table 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, March 2015

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	198	0.73	12.4	85	0.09	2.0	0	--	--
Connecticut	0	--	--	85	0.09	2.0	0	--	--
Maine	12	0.68	8.0	0	--	--	0	--	--
Massachusetts	186	0.73	12.7	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,092	2.87	10.6	48	0.23	5.4	0	--	--
New Jersey	125	1.29	7.4	0	--	--	0	--	--
New York	12	1.66	18.2	48	0.23	5.4	0	--	--
Pennsylvania	1,954	2.98	10.8	0	--	--	0	--	--
East North Central	1,163	3.17	15.8	3,529	0.21	4.7	0	--	--
Illinois	503	3.69	27.3	3,529	0.21	4.7	0	--	--
Indiana	225	3.19	10.4	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	435	2.75	9.3	0	--	--	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	1,367	2.82	8.9	0	--	--	0	--	--
Delaware	35	2.52	7.5	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	26	0.95	10.9	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	479	2.30	9.2	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	66	0.83	9.0	0	--	--	0	--	--
West Virginia	761	3.41	8.6	0	--	--	0	--	--
East South Central	36	2.80	8.7	30	0.38	6.0	279	0.50	12.8
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	30	0.38	6.0	0	--	--
Mississippi	36	2.80	8.7	0	--	--	279	0.50	12.8
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	57	1.54	26.1	2,715	0.31	5.4	1,450	0.91	16.5
Arkansas	0	--	--	310	0.27	5.6	0	--	--
Louisiana	0	--	--	311	0.30	5.0	0	--	--
Oklahoma	57	1.54	26.1	56	0.24	4.7	0	--	--
Texas	0	--	--	2,039	0.32	5.4	1,450	0.91	16.5
Mountain	0	--	--	779	0.75	10.3	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	762	0.76	10.4	0	--	--
Nevada	0	--	--	17	0.36	6.5	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	130	0.34	8.7	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	130	0.34	8.7	0	--	--
Pacific Noncontiguous	58	1.38	4.9	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	58	1.38	4.9	0	--	--	0	--	--
U.S. Total	4,970	2.81	11.3	7,315	0.31	5.6	1,729	0.86	16.0

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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, March 2015

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	1	2.45	8.7	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	1	2.45	8.7	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	7	3.02	8.6	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	7	3.02	8.6	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	0	--	--	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	0	--	--	0	--	--	0	--	--
West Virginia	0	--	--	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	0	--	--	0	--	--	0	--	--
Arkansas	0	--	--	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	0	--	--	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	0	--	--	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	8	2.93	8.6	0	--	--	0	--	--

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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See Glossary for definitions. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Sector by State, March 2015

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	5	0.68	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	5	0.68	8.0	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	37	1.69	9.6	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	24	1.36	7.8	0	--	--	0	--	--
Pennsylvania	13	2.30	12.9	0	--	--	0	--	--
East North Central	161	3.37	8.3	72	0.37	5.5	0	--	--
Illinois	124	3.50	8.0	47	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	4	0.86	9.8	0	--	--	0	--	--
Ohio	23	3.41	9.8	0	--	--	0	--	--
Wisconsin	9	2.72	8.2	25	0.28	5.5	0	--	--
West North Central	34	3.50	8.0	80	0.22	4.4	0	--	--
Iowa	34	3.50	8.0	80	0.22	4.4	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	136	1.42	11.5	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	11	1.36	9.4	0	--	--	0	--	--
Maryland	32	2.28	21.1	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	24	0.74	7.6	0	--	--	0	--	--
Virginia	36	1.69	7.4	0	--	--	0	--	--
West Virginia	34	0.93	11.6	0	--	--	0	--	--
East South Central	146	0.86	8.0	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	146	0.86	8.0	0	--	--	0	--	--
West South Central	5	0.62	9.1	0	--	--	0	--	--
Arkansas	5	0.62	9.1	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	26	0.49	9.9	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	26	0.49	9.9	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	76	0.49	10.3	0	--	--	0	--	--
California	76	0.49	10.3	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	627	1.70	9.3	152	0.29	4.9	0	--	--

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See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 2014 and 2015 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, 2005 - March 2015 (Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
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	1,394,890	1,344,192	978,356	7,625	3,725,064
2014	1,402,911	1,357,505	955,488	7,776	3,723,681
Year 2013					
January	131,793	107,981	80,264	664	320,702
February	113,122	101,278	76,441	659	291,499
March	112,103	104,390	80,107	644	297,243
April	95,546	101,885	79,737	630	277,798
May	95,198	109,405	84,187	627	289,418
June	117,991	118,244	83,351	638	320,223
July	143,877	128,322	85,907	649	358,755
August	138,073	128,001	86,870	645	353,589
Sept	121,427	119,168	82,276	626	323,497
October	98,899	112,547	82,351	591	294,388
November	97,909	103,821	79,204	574	281,509
December	128,952	109,150	77,662	679	316,442
Year 2014					
January	146,177	114,169	77,028	735	338,108
February	128,190	104,570	72,498	700	305,959
March	113,968	107,173	77,474	649	299,264
April	92,186	102,833	77,227	641	272,887
May	95,516	110,375	81,756	649	288,296
June	117,630	119,153	81,784	608	319,174
July	136,278	126,282	84,208	643	347,411
August	135,383	126,413	85,600	640	348,036
Sept	120,303	120,489	81,714	626	323,133
October	97,701	113,475	81,306	623	293,106
November	99,166	104,391	77,897	637	282,092
December	120,411	108,183	76,995	626	306,215
Year 2015					
January	136,798	111,284	76,946	653	325,682
February	123,940	105,504	74,110	675	304,229
March	116,698	107,999	76,733	678	302,108
Year to Date					
2013	357,018	313,649	236,812	1,966	909,445
2014	388,336	325,911	227,000	2,084	943,330
2015	377,437	324,787	227,789	2,005	932,018
Rolling 12 Months Ending in March					
2014	1,426,208	1,356,455	968,544	7,742	3,758,950
2015	1,392,012	1,356,381	956,277	7,698	3,712,368

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
Values for 2013 and prior years are final. Values for 2015 and 2014 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2005 - March 2015 (Million Dollars)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
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	170,466	138,679	66,934	805	376,884
2014	175,404	145,889	67,019	798	389,111
Year 2013					
January	15,219	10,588	5,206	70	31,083
February	13,269	10,225	5,080	70	28,644
March	13,123	10,493	5,306	66	28,988
April	11,490	10,180	5,229	65	26,964
May	11,903	11,251	5,644	66	28,864
June	14,911	12,679	5,974	69	33,632
July	18,349	13,835	6,323	71	38,579
August	17,422	13,760	6,328	69	37,580
Sept	15,306	12,625	5,875	68	33,874
October	12,310	11,642	5,589	62	29,603
November	11,927	10,498	5,228	60	27,713
December	15,236	10,903	5,152	69	31,360
Year 2014					
January	17,032	11,808	5,347	76	34,263
February	15,279	11,160	5,129	71	31,639
March	13,952	11,423	5,391	67	30,833
April	11,342	10,778	5,206	64	27,390
May	12,263	11,642	5,511	64	29,480
June	15,266	13,079	5,944	63	34,353
July	17,790	14,112	6,304	68	38,274
August	17,625	13,991	6,316	66	37,999
Sept	15,566	13,368	5,898	68	34,901
October	12,297	12,330	5,650	63	30,341
November	12,356	11,009	5,199	64	28,628
December	14,636	11,188	5,122	64	31,010
Year 2015					
January	16,555	11,461	5,091	70	33,177
February	15,231	11,199	5,101	73	31,605
March	14,409	11,425	5,206	70	31,110
Year to Date					
2013	41,612	31,306	15,593	205	88,715
2014	46,263	34,392	15,867	214	96,735
2015	46,195	34,085	15,399	213	95,892
Rolling 12 Months Ending in March					
2014	175,117	141,765	67,209	813	384,904
2015	175,336	145,583	66,551	797	388,268

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
Values for 2013 and prior years are final. Values for 2015 and 2014 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2005 - March 2015 (Cents per Kilowatthour)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
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	12.22	10.32	6.84	10.55	10.12
2014	12.50	10.75	7.01	10.27	10.45
Year 2013					
January	11.55	9.81	6.49	10.53	9.69
February	11.73	10.10	6.65	10.56	9.83
March	11.71	10.05	6.62	10.25	9.75
April	12.03	9.99	6.56	10.28	9.71
May	12.50	10.28	6.70	10.50	9.97
June	12.64	10.72	7.17	10.76	10.50
July	12.75	10.78	7.36	10.97	10.75
August	12.62	10.75	7.28	10.77	10.63
Sept	12.60	10.59	7.14	10.88	10.47
October	12.45	10.34	6.79	10.46	10.06
November	12.18	10.11	6.60	10.49	9.84
December	11.82	9.99	6.63	10.20	9.91
Year 2014					
January	11.65	10.34	6.94	10.29	10.13
February	11.92	10.67	7.07	10.18	10.34
March	12.24	10.66	6.96	10.28	10.30
April	12.30	10.48	6.74	10.02	10.04
May	12.84	10.55	6.74	9.83	10.23
June	12.98	10.98	7.27	10.45	10.76
July	13.05	11.17	7.49	10.51	11.02
August	13.02	11.07	7.38	10.32	10.92
Sept	12.94	11.09	7.22	10.85	10.80
October	12.59	10.87	6.95	10.17	10.35
November	12.46	10.55	6.67	10.10	10.15
December	12.15	10.34	6.65	10.25	10.13
Year 2015					
January	12.10	10.30	6.62	10.67	10.19
February	12.29	10.62	6.88	10.87	10.39
March	12.35	10.58	6.79	10.26	10.30
Year to Date					
2013	11.66	9.98	6.58	10.45	9.75
2014	11.91	10.55	6.99	10.25	10.25
2015	12.24	10.49	6.76	10.60	10.29
Rolling 12 Months Ending in March					
2014	12.28	10.45	6.94	10.50	10.24
2015	12.60	10.73	6.96	10.36	10.46

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
Values for 2013 and prior years are final. Values for 2015 and 2014 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, March 2015 and 2014 (Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	4,237	4,275	4,363	4,350	1,552	1,493	52	49	10,204	10,167
Connecticut	1,176	1,158	1,088	1,039	274	264	14	13	2,552	2,474
Maine	377	436	299	330	354	280	0	0	1,030	1,045
Massachusetts	1,786	1,798	2,141	2,140	590	606	34	34	4,552	4,578
New Hampshire	433	403	371	358	154	152	0	0	958	912
Rhode Island	263	282	297	312	68	79	3	2	631	674
Vermont	203	199	166	172	112	113	0	0	481	484
Middle Atlantic	12,113	11,888	13,284	13,135	6,090	5,966	379	341	31,867	31,330
New Jersey	2,291	2,282	3,154	3,250	584	626	28	29	6,057	6,188
New York	4,404	4,285	6,354	6,199	1,363	1,329	256	243	12,377	12,057
Pennsylvania	5,419	5,320	3,776	3,685	4,142	4,011	96	69	13,433	13,084
East North Central	16,033	16,613	15,102	15,164	15,980	16,166	50	51	47,164	47,995
Illinois	3,728	3,862	4,127	4,243	3,757	3,623	43	44	11,656	11,773
Indiana	3,010	2,959	2,043	1,975	3,790	3,925	2	2	8,845	8,861
Michigan	2,869	3,041	3,144	3,110	2,451	2,627	0	1	8,464	8,779
Ohio	4,680	4,828	3,850	3,842	4,009	4,056	4	5	12,543	12,730
Wisconsin	1,746	1,923	1,937	1,994	1,973	1,935	0	0	5,656	5,852
West North Central	8,620	9,240	8,206	8,368	7,194	7,059	5	5	24,024	24,671
Iowa	1,174	1,257	980	1,023	1,701	1,611	0	0	3,854	3,891
Kansas	961	1,055	1,180	1,193	884	903	0	0	3,025	3,152
Minnesota	1,845	2,026	1,957	2,002	1,794	1,772	2	2	5,598	5,801
Missouri	2,933	2,989	2,421	2,451	1,295	1,322	2	3	6,652	6,765
Nebraska	814	914	734	765	769	787	0	0	2,317	2,466
North Dakota	472	533	536	529	548	454	0	0	1,557	1,516
South Dakota	421	468	398	404	203	209	0	0	1,021	1,080
South Atlantic	30,008	28,303	23,626	24,036	11,005	11,727	94	111	64,733	64,177
Delaware	520	447	293	346	180	176	0	0	993	969
District of Columbia	215	189	666	690	25	20	14	26	919	925
Florida	9,142	8,086	7,239	6,968	1,348	1,358	8	7	17,737	16,419
Georgia	4,309	4,241	3,577	3,539	2,567	2,589	15	13	10,468	10,382
Maryland	2,530	2,547	2,444	2,471	285	307	39	47	5,298	5,372
North Carolina	5,201	4,970	3,572	3,714	1,940	2,272	1	1	10,714	10,957
South Carolina	2,510	2,393	1,567	1,681	2,291	2,468	0	0	6,368	6,542
Virginia	4,457	4,226	3,664	3,967	1,275	1,447	18	17	9,413	9,657
West Virginia	1,125	1,205	603	660	1,094	1,089	0	0	2,822	2,954
East South Central	10,674	9,876	6,898	6,757	8,442	8,635	0	0	26,013	25,269
Alabama	2,486	2,431	1,705	1,693	2,809	2,949	0	0	7,000	7,073
Kentucky	2,437	2,408	1,487	1,505	2,533	2,516	0	0	6,457	6,430
Mississippi	1,606	1,462	1,041	1,018	1,282	1,373	0	0	3,929	3,853
Tennessee	4,145	3,575	2,664	2,541	1,819	1,797	0	0	8,628	7,913
West South Central	17,065	15,530	15,182	14,358	12,876	13,281	15	14	45,137	43,183
Arkansas	1,790	1,602	936	914	1,235	1,350	0	NM	3,961	3,867
Louisiana	2,530	2,293	1,895	1,824	2,371	2,382	1	1	6,798	6,501
Oklahoma	1,792	1,816	1,420	1,526	1,368	1,347	0	0	4,580	4,688
Texas	10,953	9,819	10,930	10,094	7,903	8,202	14	13	29,799	28,127
Mountain	6,562	6,464	7,285	7,283	6,533	6,337	11	11	20,392	20,095
Arizona	1,953	1,782	2,212	2,204	1,134	1,074	1	0	5,300	5,060
Colorado	1,403	1,426	1,623	1,612	1,245	1,204	5	5	4,276	4,247
Idaho	649	696	487	488	531	526	0	0	1,667	1,710
Montana	423	504	396	424	321	308	0	0	1,139	1,236
Nevada	686	660	684	662	1,156	1,049	1	1	2,526	2,371
New Mexico	501	474	688	680	584	582	0	0	1,774	1,736
Utah	684	655	852	866	737	784	5	5	2,278	2,310
Wyoming	263	267	344	348	826	810	0	0	1,433	1,425
Pacific Contiguous	11,007	11,375	13,567	13,227	6,660	6,397	72	67	31,306	31,066
California	6,317	6,116	9,803	9,348	3,417	3,182	69	64	19,606	18,710
Oregon	1,560	1,649	1,305	1,315	995	930	2	2	3,862	3,895
Washington	3,131	3,611	2,459	2,565	2,248	2,285	0	0	7,838	8,461
Pacific Noncontiguous	378	403	487	494	402	413	0	0	1,267	1,311
Alaska	184	198	240	242	113	119	0	0	537	559
Hawaii	194	205	247	253	289	294	0	0	730	752
U.S. Total	116,698	113,968	107,999	107,173	76,733	77,474	678	649	302,108	299,264

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 March 2015 and 2014 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	13,672	13,754	13,276	13,332	4,371	4,395	157	157	31,476	31,638
Connecticut	3,811	3,808	3,253	3,249	803	801	46	45	7,913	7,903
Maine	1,321	1,365	965	1,000	822	771	0	0	3,109	3,137
Massachusetts	5,735	5,779	6,506	6,511	1,740	1,769	103	104	14,084	14,164
New Hampshire	1,330	1,337	1,136	1,151	463	481	0	0	2,928	2,970
Rhode Island	842	836	908	907	197	223	8	8	1,955	1,974
Vermont	633	628	509	514	345	349	0	0	1,487	1,491
Middle Atlantic	38,114	38,043	39,951	39,804	17,855	18,074	1,048	1,091	96,968	97,012
New Jersey	7,374	7,191	9,598	9,545	1,776	1,812	79	87	18,827	18,634
New York	13,520	13,666	18,994	18,957	4,213	4,183	779	783	37,506	37,589
Pennsylvania	17,219	17,186	11,359	11,302	11,866	12,078	190	222	40,635	40,788
East North Central	52,926	55,467	45,883	45,977	46,773	47,248	177	198	145,760	148,890
Illinois	12,238	12,951	12,689	12,914	10,649	10,808	156	175	35,731	36,848
Indiana	10,022	10,468	6,039	6,018	11,135	11,286	6	6	27,202	27,779
Michigan	9,126	9,471	9,493	9,287	7,337	7,603	1	2	25,958	26,363
Ohio	15,715	16,243	11,797	11,770	11,893	11,860	14	15	39,420	39,888
Wisconsin	5,824	6,333	5,865	5,988	5,759	5,691	0	0	17,449	18,012
West North Central	29,283	31,682	25,322	25,798	21,289	20,770	14	14	75,909	78,264
Iowa	3,964	4,330	3,069	3,218	5,061	4,770	0	0	12,094	12,318
Kansas	3,385	3,647	3,660	3,710	2,594	2,638	0	0	9,639	9,995
Minnesota	6,053	6,631	5,838	5,955	5,236	5,116	8	6	17,135	17,708
Missouri	10,100	10,728	7,544	7,655	3,801	3,865	6	8	21,451	22,256
Nebraska	2,736	3,005	2,311	2,376	2,321	2,373	0	0	7,368	7,754
North Dakota	1,638	1,798	1,668	1,632	1,647	1,380	0	0	4,953	4,810
South Dakota	1,408	1,543	1,233	1,252	629	628	0	0	3,269	3,424
South Atlantic	96,435	97,216	72,481	72,288	33,813	33,444	319	340	203,048	203,288
Delaware	1,472	1,446	945	1,043	654	520	0	0	3,071	3,009
District of Columbia	628	606	1,995	2,070	72	58	65	77	2,759	2,811
Florida	26,311	26,407	20,699	20,725	3,952	4,005	22	22	50,984	51,160
Georgia	15,076	15,494	10,969	10,995	7,661	7,498	45	42	33,751	34,028
Maryland	8,559	8,559	7,508	7,362	876	865	130	143	17,073	16,930
North Carolina	17,160	17,293	11,252	11,260	6,254	6,234	2	2	34,667	34,789
South Carolina	8,447	8,642	5,022	5,105	6,950	6,967	0	0	20,418	20,714
Virginia	14,697	14,551	12,067	11,665	4,050	4,223	53	52	30,868	30,491
West Virginia	4,086	4,219	2,025	2,062	3,346	3,074	1	1	9,458	9,356
East South Central	35,144	36,333	21,152	21,508	25,084	25,097	0	0	81,381	82,938
Alabama	8,844	9,186	5,276	5,367	8,302	8,395	0	0	22,422	22,948
Kentucky	8,288	8,598	4,644	4,761	7,491	7,425	0	0	20,423	20,784
Mississippi	5,078	5,366	3,136	3,199	3,923	4,069	0	0	12,137	12,634
Tennessee	12,934	13,183	8,097	8,181	5,367	5,207	0	0	26,398	26,572
West South Central	54,196	55,522	44,667	44,424	38,494	38,749	45	46	137,402	138,741
Arkansas	5,385	5,610	2,791	2,826	3,701	3,966	0	NM	11,877	12,403
Louisiana	7,962	8,419	5,699	5,744	7,659	7,443	3	3	21,323	21,609
Oklahoma	5,947	6,277	4,446	4,476	4,072	3,942	0	0	14,465	14,695
Texas	34,903	35,216	31,730	31,377	23,062	23,398	42	43	89,737	90,034
Mountain	21,055	21,410	21,496	21,483	19,504	18,869	34	34	62,090	61,795
Arizona	5,979	5,865	6,328	6,379	3,364	3,091	2	0	15,673	15,334
Colorado	4,514	4,581	4,797	4,745	3,663	3,513	16	17	12,991	12,856
Idaho	2,233	2,425	1,530	1,531	1,524	1,577	0	0	5,287	5,534
Montana	1,447	1,592	1,251	1,284	1,024	963	0	0	3,723	3,839
Nevada	2,301	2,276	1,981	1,902	3,254	3,058	2	2	7,537	7,238
New Mexico	1,682	1,667	2,019	2,022	1,727	1,716	0	0	5,427	5,405
Utah	2,067	2,112	2,557	2,568	2,384	2,408	15	15	7,023	7,103
Wyoming	831	892	1,034	1,050	2,564	2,543	0	0	4,429	4,485
Pacific Contiguous	35,426	37,668	39,100	39,807	19,437	19,146	209	204	94,172	96,825
California	19,921	20,065	27,675	27,972	10,015	9,643	202	197	57,814	57,877
Oregon	5,134	5,760	3,877	4,029	2,849	2,760	6	6	11,867	12,555
Washington	10,370	11,843	7,548	7,806	6,572	6,743	1	1	24,491	26,393
Pacific Noncontiguous	1,186	1,242	1,457	1,490	1,169	1,207	0	0	3,812	3,939
Alaska	597	618	737	741	334	349	0	0	1,668	1,708
Hawaii	588	624	720	748	835	858	0	0	2,144	2,231
U.S. Total	377,437	388,336	324,787	325,911	227,789	227,000	2,005	2,084	932,018	943,330

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 5.5.A. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, March 2015 and 2014 (Million Dollars)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	883	756	739	676	202	193	6	4	1,830	1,630
Connecticut	258	226	189	171	39	36	2	2	488	434
Maine	58	66	40	46	36	34	0	0	134	146
Massachusetts	395	312	370	331	83	80	4	NM	853	725
New Hampshire	85	70	61	55	22	20	0	0	167	145
Rhode Island	53	48	56	49	11	11	1	0	120	108
Vermont	34	35	24	25	11	12	0	0	69	72
Middle Atlantic	1,911	1,950	1,796	1,867	494	499	44	42	4,244	4,358
New Jersey	356	364	415	448	66	81	3	3	840	896
New York	843	894	1,003	1,047	102	90	33	34	1,982	2,065
Pennsylvania	711	692	378	371	326	328	8	5	1,423	1,397
East North Central	1,980	1,984	1,500	1,494	1,120	1,129	3	3	4,603	4,610
Illinois	446	414	379	379	262	241	3	3	1,089	1,037
Indiana	325	325	197	192	257	265	0	0	780	782
Michigan	396	430	326	340	175	209	0	0	897	978
Ohio	569	558	388	373	276	271	0	0	1,233	1,202
Wisconsin	244	257	210	210	150	144	0	0	604	611
West North Central	899	974	707	743	473	475	0	0	2,079	2,191
Iowa	128	138	83	88	95	95	0	0	305	321
Kansas	116	124	118	119	65	66	0	0	299	309
Minnesota	213	240	174	195	119	129	0	0	506	565
Missouri	279	292	190	196	70	72	0	0	539	561
Nebraska	79	87	63	65	64	64	0	0	207	216
North Dakota	41	46	44	44	45	34	0	0	130	124
South Dakota	43	46	34	35	15	15	0	0	92	95
South Atlantic	3,432	3,254	2,282	2,361	702	779	8	10	6,424	6,404
Delaware	66	54	34	38	16	16	0	0	116	109
District of Columbia	26	24	84	86	2	2	1	NM	114	115
Florida	1,064	959	710	705	112	110	1	1	1,887	1,775
Georgia	456	476	331	367	132	157	1	1	920	1,001
Maryland	333	346	284	292	28	31	3	4	648	674
North Carolina	585	544	316	330	123	146	0	0	1,024	1,021
South Carolina	307	292	159	172	132	153	0	0	597	617
Virginia	487	448	311	316	91	98	1	1	891	863
West Virginia	108	111	52	54	65	64	0	0	226	230
East South Central	1,116	1,067	707	716	479	526	0	0	2,302	2,309
Alabama	293	283	186	185	159	173	0	0	638	641
Kentucky	237	241	139	143	132	142	0	0	508	526
Mississippi	178	165	114	112	83	92	0	0	375	370
Tennessee	407	378	267	276	106	118	0	0	781	772
West South Central	1,829	1,680	1,220	1,194	722	787	1	1	3,772	3,662
Arkansas	161	145	73	71	70	75	0	NM	305	291
Louisiana	223	210	166	167	129	140	0	0	517	517
Oklahoma	170	175	104	116	69	73	0	0	344	364
Texas	1,274	1,149	876	840	455	499	1	1	2,606	2,489
Mountain	751	718	690	675	411	400	1	1	1,854	1,794
Arizona	226	201	214	205	67	66	0	0	507	472
Colorado	165	167	158	157	86	84	1	1	410	408
Idaho	62	64	38	37	32	30	0	0	132	131
Montana	45	50	41	40	16	18	0	0	102	108
Nevada	93	88	68	65	71	65	0	0	233	219
New Mexico	61	55	70	67	37	38	0	0	167	160
Utah	72	67	71	72	43	45	0	0	186	184
Wyoming	28	27	31	30	58	54	0	0	118	112
Pacific Contiguous	1,511	1,455	1,672	1,566	520	492	6	5	3,708	3,519
California	1,076	973	1,353	1,241	363	337	6	5	2,798	2,556
Oregon	164	168	116	117	60	57	0	0	340	343
Washington	272	314	202	208	97	98	0	0	571	620
Pacific Noncontiguous	97	116	112	131	85	110	0	0	294	357
Alaska	36	37	42	41	17	18	0	0	95	96
Hawaii	61	79	69	90	69	93	0	0	199	262
U.S. Total	14,409	13,952	11,425	11,423	5,206	5,391	70	67	31,110	30,833

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 5.5.B. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through March 2015 and 2014 (Million Dollars)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	2,791	2,411	2,247	2,083	576	570	20	15	5,634	5,079
Connecticut	822	724	559	527	112	111	5	7	1,498	1,370
Maine	210	201	141	142	88	92	0	0	439	436
Massachusetts	1,234	995	1,119	1,015	244	236	13	NM	2,610	2,252
New Hampshire	258	227	184	178	63	63	0	0	505	468
Rhode Island	162	155	172	147	33	32	1	1	369	335
Vermont	105	108	72	74	36	37	0	0	213	219
Middle Atlantic	6,005	6,188	5,264	5,690	1,405	1,580	128	132	12,801	13,589
New Jersey	1,141	1,122	1,215	1,318	203	249	9	9	2,568	2,697
New York	2,623	2,823	2,937	3,207	300	312	104	105	5,963	6,448
Pennsylvania	2,241	2,243	1,112	1,165	902	1,018	15	17	4,270	4,444
East North Central	6,467	6,412	4,474	4,454	3,214	3,312	12	12	14,168	14,189
Illinois	1,440	1,326	1,122	1,115	710	715	10	10	3,282	3,167
Indiana	1,071	1,101	582	581	750	772	1	1	2,404	2,455
Michigan	1,252	1,326	976	996	511	593	0	0	2,739	2,916
Ohio	1,898	1,816	1,164	1,128	807	804	1	1	3,869	3,750
Wisconsin	806	842	630	633	437	427	0	0	1,874	1,902
West North Central	3,001	3,182	2,171	2,219	1,382	1,355	1	1	6,554	6,757
Iowa	419	449	255	266	277	266	0	0	950	981
Kansas	395	410	357	354	191	190	0	0	943	954
Minnesota	699	767	525	562	351	364	1	1	1,575	1,693
Missouri	945	984	594	600	210	217	0	0	1,749	1,802
Nebraska	260	276	196	198	171	171	0	0	627	644
North Dakota	141	148	137	133	136	102	0	0	413	383
South Dakota	143	149	108	106	45	44	0	0	296	299
South Atlantic	10,985	10,992	7,012	7,110	2,216	2,275	27	30	20,241	20,406
Delaware	196	179	106	119	58	51	0	0	361	349
District of Columbia	84	77	252	269	6	6	6	8	348	359
Florida	3,125	3,137	2,065	2,079	331	322	2	2	5,523	5,541
Georgia	1,596	1,698	1,069	1,160	437	493	2	3	3,104	3,354
Maryland	1,137	1,145	850	874	84	92	12	14	2,083	2,125
North Carolina	1,853	1,853	970	994	394	402	0	0	3,217	3,249
South Carolina	1,013	1,026	508	521	413	438	0	0	1,934	1,984
Virginia	1,604	1,493	1,025	929	296	286	5	4	2,930	2,712
West Virginia	378	384	165	165	198	184	0	0	741	734
East South Central	3,635	3,741	2,161	2,208	1,449	1,547	0	0	7,245	7,496
Alabama	999	1,023	575	582	475	502	0	0	2,049	2,107
Kentucky	796	827	426	438	396	440	0	0	1,618	1,705
Mississippi	562	576	345	344	257	265	0	0	1,165	1,186
Tennessee	1,278	1,316	816	844	320	340	0	0	2,414	2,499
West South Central	5,780	5,777	3,593	3,613	2,174	2,274	3	2	11,550	11,667
Arkansas	481	481	217	214	210	222	0	NM	909	916
Louisiana	701	739	500	513	418	414	0	0	1,620	1,666
Oklahoma	543	567	319	342	207	212	0	0	1,069	1,121
Texas	4,055	3,991	2,557	2,544	1,339	1,426	2	2	7,953	7,963
Mountain	2,381	2,340	2,017	1,960	1,205	1,161	3	3	5,607	5,465
Arizona	679	653	609	596	199	192	0	0	1,487	1,441
Colorado	523	531	457	455	252	244	2	2	1,234	1,231
Idaho	214	222	118	114	89	87	0	0	421	423
Montana	153	157	130	120	52	55	0	0	336	332
Nevada	303	287	195	181	195	178	0	0	693	646
New Mexico	206	190	207	197	107	104	0	0	520	490
Utah	215	213	209	207	137	135	1	1	563	556
Wyoming	87	88	92	90	174	166	0	0	353	345
Pacific Contiguous	4,847	4,871	4,810	4,669	1,521	1,475	18	17	11,196	11,033
California	3,435	3,261	3,861	3,689	1,068	1,010	18	16	8,381	7,977
Oregon	534	585	343	356	167	168	1	1	1,045	1,110
Washington	877	1,024	606	624	287	298	0	0	1,770	1,946
Pacific Noncontiguous	304	349	337	387	255	318	0	0	896	1,054
Alaska	116	114	128	125	49	53	0	0	293	292
Hawaii	187	235	209	262	207	265	0	0	603	762
U.S. Total	46,195	46,263	34,085	34,392	15,399	15,867	213	214	95,892	96,735

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.
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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 5.6.A. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, March 2015 and 2014 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	20.83	17.67	16.95	15.55	13.00	12.95	12.59	9.01	17.94	16.03
Connecticut	21.94	19.51	17.35	16.43	14.32	13.65	11.06	14.21	19.11	17.56
Maine	15.51	15.22	13.31	13.95	10.13	12.20	--	--	13.02	14.01
Massachusetts	22.12	17.33	17.30	15.44	14.03	13.24	12.82	NM	18.73	15.83
New Hampshire	19.56	17.33	16.42	15.32	13.95	13.18	--	--	17.44	15.85
Rhode Island	20.05	16.86	18.76	15.73	16.26	13.99	17.86	13.46	19.03	15.99
Vermont	16.68	17.36	14.29	14.70	10.15	10.58	--	--	14.34	14.83
Middle Atlantic	15.78	16.40	13.52	14.21	8.11	8.36	11.52	12.27	13.32	13.91
New Jersey	15.56	15.93	13.15	13.79	11.29	12.95	10.46	10.33	13.87	14.48
New York	19.15	20.87	15.79	16.89	7.49	6.75	12.85	13.93	16.01	17.13
Pennsylvania	13.13	13.01	10.01	10.08	7.86	8.18	8.28	7.20	10.59	10.67
East North Central	12.35	11.94	9.94	9.85	7.01	6.99	6.84	6.46	9.76	9.61
Illinois	11.95	10.73	9.19	8.92	6.97	6.65	6.49	6.03	9.35	8.80
Indiana	10.79	10.98	9.67	9.72	6.78	6.76	10.78	10.12	8.81	8.83
Michigan	13.81	14.14	10.36	10.92	7.12	7.94	11.35	13.42	10.59	11.14
Ohio	12.16	11.56	10.07	9.72	6.89	6.67	8.14	7.96	9.83	9.44
Wisconsin	13.97	13.34	10.86	10.54	7.61	7.43	--	--	10.69	10.43
West North Central	10.42	10.54	8.62	8.88	6.57	6.73	7.94	6.94	8.65	8.88
Iowa	10.87	11.00	8.46	8.62	5.58	5.87	--	--	7.93	8.25
Kansas	12.05	11.74	10.04	9.95	7.33	7.30	--	--	9.88	9.79
Minnesota	11.54	11.87	8.90	9.73	6.62	7.30	9.19	10.15	9.04	9.73
Missouri	9.50	9.79	7.87	8.02	5.42	5.46	6.51	4.81	8.11	8.30
Nebraska	9.76	9.48	8.62	8.54	8.38	8.17	--	--	8.94	8.77
North Dakota	8.78	8.64	8.17	8.41	8.13	7.39	--	--	8.34	8.19
South Dakota	10.17	9.81	8.59	8.57	7.35	7.15	--	--	9.00	8.83
South Atlantic	11.44	11.50	9.66	9.82	6.37	6.65	8.18	8.59	9.92	9.98
Delaware	12.73	12.20	11.63	10.95	8.98	9.32	--	--	11.73	11.23
District of Columbia	12.29	12.63	12.60	12.52	8.80	10.44	10.69	NM	12.39	12.42
Florida	11.63	11.86	9.81	10.12	8.31	8.12	9.05	9.60	10.64	10.81
Georgia	10.58	11.22	9.25	10.36	5.15	6.08	4.89	5.50	8.79	9.64
Maryland	13.16	13.57	11.64	11.84	9.72	10.22	8.34	8.88	12.24	12.54
North Carolina	11.24	10.94	8.86	8.90	6.32	6.45	7.87	8.08	9.56	9.32
South Carolina	12.22	12.21	10.12	10.22	5.75	6.19	--	--	9.38	9.43
Virginia	10.94	10.60	8.48	7.97	7.17	6.79	8.32	7.97	9.47	8.94
West Virginia	9.63	9.24	8.71	8.18	5.98	5.91	9.54	10.01	8.02	7.78
East South Central	10.46	10.80	10.25	10.60	5.68	6.09	8.09	13.80	8.85	9.14
Alabama	11.78	11.63	10.92	10.94	5.65	5.88	--	--	9.11	9.07
Kentucky	9.75	10.01	9.37	9.49	5.20	5.64	--	--	7.87	8.18
Mississippi	11.11	11.28	10.96	11.04	6.45	6.73	--	--	9.55	9.59
Tennessee	9.82	10.58	10.04	10.86	5.82	6.58	8.09	13.80	9.05	9.76
West South Central	10.72	10.82	8.03	8.32	5.61	5.93	5.58	5.40	8.36	8.48
Arkansas	9.02	9.05	7.84	7.77	5.65	5.56	11.33	NM	7.69	7.53
Louisiana	8.81	9.17	8.74	9.16	5.43	5.87	8.77	9.21	7.61	7.96
Oklahoma	9.51	9.66	7.35	7.59	5.06	5.43	--	--	7.51	7.77
Texas	11.64	11.70	8.02	8.33	5.75	6.09	5.35	5.11	8.75	8.85
Mountain	11.45	11.11	9.47	9.26	6.29	6.31	9.91	9.97	9.09	8.93
Arizona	11.55	11.30	9.69	9.32	5.94	6.11	7.39	--	9.57	9.33
Colorado	11.74	11.68	9.73	9.75	6.94	6.95	10.23	10.07	9.58	9.61
Idaho	9.59	9.17	7.77	7.63	5.96	5.73	--	--	7.90	7.67
Montana	10.64	9.91	10.27	9.51	5.02	5.78	--	--	8.93	8.74
Nevada	13.62	13.39	9.94	9.84	6.15	6.22	8.68	8.68	9.21	9.23
New Mexico	12.10	11.56	10.11	9.90	6.26	6.54	--	--	9.40	9.23
Utah	10.49	10.15	8.28	8.28	5.90	5.72	9.99	10.02	8.18	7.95
Wyoming	10.62	10.07	9.17	8.75	7.04	6.72	--	--	8.21	7.85
Pacific Contiguous	13.73	12.79	12.32	11.84	7.80	7.69	8.17	8.06	11.85	11.33
California	17.04	15.90	13.80	13.28	10.63	10.59	8.13	8.01	14.27	13.66
Oregon	10.50	10.18	8.91	8.92	6.00	6.15	9.25	9.21	8.80	8.79
Washington	8.68	8.71	8.23	8.10	4.30	4.29	9.25	9.61	7.28	7.33
Pacific Noncontiguous	25.58	28.74	22.93	26.54	21.21	26.72	--	--	23.18	27.27
Alaska	19.64	18.66	17.57	16.99	14.62	14.98	--	--	17.66	17.15
Hawaii	31.20	38.51	28.14	35.69	23.79	31.47	--	--	27.23	34.80
U.S. Total	12.35	12.24	10.58	10.66	6.79	6.96	10.26	10.28	10.30	10.30

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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.B. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through March 2015 and 2014 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD	March 2015 YTD	March 2014 YTD
New England	20.42	17.53	16.93	15.62	13.18	12.97	12.56	9.80	17.90	16.05
Connecticut	21.58	19.02	17.18	16.24	13.94	13.83	10.99	16.33	18.94	17.33
Maine	15.93	14.75	14.60	14.19	10.68	11.99	--	--	14.13	13.89
Massachusetts	21.51	17.22	17.19	15.58	14.03	13.32	12.87	NM	18.53	15.90
New Hampshire	19.40	16.99	16.21	15.42	13.63	13.05	--	--	17.25	15.75
Rhode Island	19.26	18.58	18.96	16.17	16.94	14.30	17.93	14.46	18.88	16.97
Vermont	16.56	17.14	14.23	14.49	10.29	10.49	--	--	14.31	14.67
Middle Atlantic	15.76	16.27	13.18	14.29	7.87	8.74	12.16	12.06	13.20	14.01
New Jersey	15.48	15.60	12.66	13.80	11.41	13.75	10.84	10.08	13.64	14.47
New York	19.40	20.66	15.46	16.92	7.13	7.46	13.29	13.48	15.90	17.15
Pennsylvania	13.01	13.05	9.79	10.31	7.60	8.43	8.09	7.85	10.51	10.90
East North Central	12.22	11.56	9.75	9.69	6.87	7.01	6.92	6.23	9.72	9.53
Illinois	11.77	10.24	8.84	8.63	6.67	6.62	6.69	5.94	9.19	8.59
Indiana	10.69	10.52	9.64	9.66	6.73	6.84	9.93	9.83	8.84	8.84
Michigan	13.72	14.00	10.28	10.73	6.96	7.80	11.53	13.50	10.55	11.06
Ohio	12.08	11.18	9.86	9.59	6.78	6.78	7.71	7.27	9.82	9.40
Wisconsin	13.84	13.30	10.75	10.56	7.58	7.51	--	--	10.74	10.56
West North Central	10.25	10.04	8.57	8.60	6.49	6.52	8.02	7.49	8.63	8.63
Iowa	10.56	10.37	8.31	8.25	5.47	5.58	--	--	7.86	7.97
Kansas	11.67	11.24	9.74	9.55	7.38	7.21	--	--	9.78	9.55
Minnesota	11.54	11.56	8.99	9.44	6.71	7.11	9.31	9.75	9.19	9.56
Missouri	9.36	9.17	7.88	7.84	5.52	5.62	6.51	5.66	8.15	8.10
Nebraska	9.50	9.18	8.48	8.32	7.39	7.20	--	--	8.51	8.31
North Dakota	8.59	8.23	8.19	8.14	8.26	7.43	--	--	8.35	7.97
South Dakota	10.14	9.63	8.74	8.47	7.18	7.03	--	--	9.04	8.73
South Atlantic	11.39	11.31	9.67	9.84	6.55	6.80	8.61	8.89	9.97	10.04
Delaware	13.35	12.36	11.23	11.36	8.86	9.88	--	--	11.74	11.59
District of Columbia	13.33	12.66	12.62	12.98	8.50	10.24	10.01	9.77	12.61	12.77
Florida	11.88	11.88	9.98	10.03	8.38	8.04	9.26	9.50	10.83	10.83
Georgia	10.58	10.96	9.75	10.55	5.70	6.58	5.11	6.04	9.20	9.86
Maryland	13.28	13.38	11.33	11.87	9.57	10.69	9.10	9.49	12.20	12.55
North Carolina	10.80	10.72	8.62	8.83	6.29	6.44	7.81	8.02	9.28	9.34
South Carolina	11.99	11.87	10.12	10.20	5.94	6.28	--	--	9.47	9.58
Virginia	10.92	10.26	8.50	7.97	7.30	6.78	8.48	8.01	9.49	8.90
West Virginia	9.25	9.11	8.16	8.00	5.92	5.99	8.95	9.50	7.84	7.84
East South Central	10.34	10.30	10.22	10.26	5.78	6.16	8.10	13.69	8.90	9.04
Alabama	11.29	11.13	10.90	10.85	5.72	5.98	--	--	9.14	9.18
Kentucky	9.60	9.62	9.17	9.19	5.29	5.92	--	--	7.92	8.20
Mississippi	11.08	10.73	11.00	10.76	6.56	6.52	--	--	9.60	9.38
Tennessee	9.88	9.98	10.07	10.31	5.97	6.52	8.10	13.69	9.14	9.41
West South Central	10.67	10.40	8.04	8.13	5.65	5.87	5.53	5.38	8.41	8.41
Arkansas	8.94	8.57	7.79	7.56	5.68	5.59	11.25	NM	7.65	7.39
Louisiana	8.81	8.78	8.77	8.93	5.46	5.56	8.11	9.53	7.60	7.71
Oklahoma	9.13	9.03	7.18	7.64	5.08	5.39	--	--	7.39	7.63
Texas	11.62	11.33	8.06	8.11	5.81	6.09	5.34	5.10	8.86	8.84
Mountain	11.31	10.93	9.38	9.13	6.18	6.15	9.97	10.18	9.03	8.84
Arizona	11.36	11.13	9.62	9.35	5.92	6.22	7.75	--	9.49	9.40
Colorado	11.59	11.59	9.53	9.59	6.87	6.94	10.23	10.61	9.50	9.58
Idaho	9.57	9.15	7.72	7.46	5.84	5.52	--	--	7.96	7.65
Montana	10.58	9.87	10.41	9.34	5.10	5.69	--	--	9.02	8.65
Nevada	13.18	12.60	9.84	9.50	5.99	5.82	8.71	8.41	9.20	8.92
New Mexico	12.27	11.39	10.24	9.73	6.20	6.04	--	--	9.58	9.07
Utah	10.42	10.06	8.18	8.06	5.76	5.62	10.07	9.93	8.02	7.83
Wyoming	10.43	9.90	8.87	8.61	6.79	6.55	--	--	7.96	7.69
Pacific Contiguous	13.68	12.93	12.30	11.73	7.83	7.71	8.79	8.33	11.89	11.39
California	17.24	16.25	13.95	13.19	10.66	10.47	8.78	8.31	14.50	13.78
Oregon	10.40	10.16	8.86	8.83	5.87	6.09	9.19	9.03	8.81	8.84
Washington	8.46	8.65	8.02	8.00	4.36	4.41	8.85	9.03	7.23	7.37
Pacific Noncontiguous	25.60	28.14	23.13	25.95	21.83	26.37	--	--	23.50	26.77
Alaska	19.43	18.50	17.39	16.81	14.55	15.18	--	--	17.55	17.09
Hawaii	31.86	37.67	29.00	35.01	24.73	30.92	--	--	28.12	34.18
U.S. Total	12.24	11.91	10.49	10.55	6.76	6.99	10.60	10.25	10.29	10.25

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

Table 6.1. Electric Generating Summer Capacity Changes (MW) for Utility Scale Units, February 2015 to March 2015

	As of End of February 2015	Activity During March 2015 as Reported to EIA		As of End of March 2015	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)	65,260.5	168.4	16.2	65,412.7	152.2	562.6	4,874.5	742.9	8,122.1	0.0	25.3	742.9	8,096.8	66,155.6	73,509.5
..... *Solar Photovoltaic*	*8,907.1*	*142.0*	*33.0*	*9,016.1*	*109.0*	*647.4*	*3,097.4*	*153.7*	*2,907.6*	*0.0*	*0.0*	*153.7*	*2,907.6*	*9,169.8*	*11,923.7*
..... *Solar Thermal without Energy Storage*	*1,362.5*	*0.0*	*0.0*	*1,362.5*	*0.0*	*0.0*	*246.5*	*0.0*	*250.0*	*0.0*	*0.0*	*0.0*	*250.0*	*1,362.5*	*1,612.5*
..... *Solar Thermal with Energy Storage*	*295.4*	*0.0*	*0.0*	*295.4*	*0.0*	*0.0*	*0.0*	*0.0*	*116.0*	*0.0*	*0.0*	*0.0*	*116.0*	*295.4*	*411.4*
..... Solar Subtotal	10,565.0	142.0	33.0	10,674.0	109.0	647.4	3,343.9	153.7	3,273.6	0.0	0.0	153.7	3,273.6	10,827.7	13,947.6
..... Conventional Hydroelectric	79,299.8	80.3	24.5	79,355.6	55.8	123.0	170.6	3.0	429.9	0.0	214.2	3.0	215.7	79,358.6	79,571.3
..... *Wood/Wood Waste Biomass*	*8,317.8*	*5.1*	*6.0*	*8,316.9*	*-0.9*	*-13.4*	*-63.6*	*50.0*	*126.3*	*0.0*	*23.0*	*50.0*	*103.3*	*8,366.9*	*8,420.2*
..... *Landfill Gas*	*2,109.9*	*15.4*	*0.0*	*2,125.3*	*15.4*	*56.2*	*111.9*	*0.0*	*29.0*	*11.4*	*19.6*	*-11.4*	*9.4*	*2,113.9*	*2,134.7*
..... *Municipal Solid Waste*	*2,230.7*	*1.5*	*0.0*	*2,232.2*	*1.5*	*1.5*	*4.5*	*0.0*	*85.0*	*0.0*	*0.0*	*0.0*	*85.0*	*2,232.2*	*2,317.2*
..... *Other Waste Biomass*	*819.1*	*14.8*	*6.6*	*827.3*	*8.2*	*10.3*	*16.5*	*8.3*	*37.4*	*0.0*	*0.0*	*8.3*	*37.4*	*835.6*	*864.7*
..... Biomass Sources Subtotal	13,477.5	36.8	12.6	13,501.7	24.2	54.6	69.3	58.3	277.7	11.4	42.6	46.9	235.1	13,548.6	13,736.8
..... Geothermal	2,578.6	0.6	11.4	2,567.8	-10.8	-39.2	-39.2	0.0	1.8	0.0	0.0	0.0	1.8	2,567.8	2,569.6
... Renewable Sources Subtotal	***171,181.4***	***428.1***	***97.7***	***171,511.8***	***330.4***	***1,348.4***	***8,419.1***	***957.9***	***12,105.1***	***11.4***	***282.1***	***946.5***	***11,823.0***	***172,458.3***	***183,334.8***
..... *Natural Gas Fired Combined Cycle*	*229,506.2*	*1,208.2*	*1,692.3*	*229,022.1*	*-484.1*	*-528.9*	*7,108.1*	*359.4*	*5,783.2*	*44.0*	*44.0*	*315.4*	*5,739.2*	*229,337.5*	*234,761.3*
..... *Natural Gas Fired Combustion Turbine*	*124,824.5*	*566.8*	*175.8*	*125,215.5*	*391.0*	*565.0*	*610.1*	*130.8*	*1,414.1*	*0.0*	*1,376.0*	*130.8*	*38.1*	*125,346.3*	*125,253.6*
..... *Natural Gas with Compressed Air Storage*	*110.0*	*0.0*	*0.0*	*110.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*110.0*	*110.0*
..... *Other Natural Gas*	*77,954.3*	*349.5*	*773.8*	*77,530.0*	*-424.3*	*-284.6*	*-90.6*	*259.2*	*489.5*	*18.0*	*602.3*	*241.2*	*-112.8*	*77,771.2*	*77,417.2*
..... Natural Gas Subtotal	432,395.0	2,124.5	2,641.9	431,877.6	-517.4	-248.5	7,627.6	749.4	7,686.8	62.0	2,022.3	687.4	5,664.5	432,565.0	437,542.1
..... *Conventional Steam Coal*	*298,475.8*	*484.1*	*918.4*	*298,041.5*	*-434.3*	*-1,152.2*	*-4,319.3*	*2.2*	*60.2*	*4,029.0*	*13,435.0*	*-4,026.8*	*-13,374.8*	*294,014.7*	*284,666.7*
..... *Coal Integrated Gasification Combined Cycle*	*791.0*	*0.0*	*0.0*	*791.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*791.0*	*791.0*
..... Coal Subtotal	299,266.8	484.1	918.4	298,832.5	-434.3	-1,152.2	-4,319.3	2.2	60.2	4,029.0	13,435.0	-4,026.8	-13,374.8	294,805.7	285,457.7
..... Petroleum Coke	2,291.7	0.0	0.6	2,291.1	-0.6	-28.6	-45.6	0.0	0.0	0.0	0.0	0.0	0.0	2,291.1	2,291.1
..... Petroleum Liquids	40,326.5	229.0	111.9	40,443.6	117.1	-34.1	-647.1	4.8	30.1	122.0	1,015.8	-117.2	-985.7	40,326.4	39,457.9
..... Other Gases	2,067.8	0.0	130.0	1,937.8	-130.0	-130.0	-170.0	0.0	0.0	0.0	3.2	0.0	-3.2	1,937.8	1,934.6
... Fossil Fuels Subtotal	***776,347.8***	***2,837.6***	***3,802.8***	***775,382.6***	***-965.2***	***-1,593.4***	***2,445.6***	***756.4***	***7,777.1***	***4,213.0***	***16,476.3***	***-3,456.6***	***-8,699.2***	***771,926.0***	***766,683.4***
..... Hydroelectric Pumped Storage	22,484.3	62.0	0.0	22,546.3	62.0	135.0	157.0	0.0	79.0	0.0	0.0	0.0	79.0	22,546.3	22,625.3
..... Flywheels	43.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	43.0
..... Batteries	149.6	1.0	0.0	150.6	1.0	1.0	1.0	0.0	10.5	0.0	0.0	0.0	10.5	150.6	161.1
... Energy Storage Subtotal	***22,676.9***	***63.0***	***0.0***	***22,739.9***	***63.0***	***136.0***	***158.0***	***0.0***	***89.5***	***0.0***	***0.0***	***0.0***	***89.5***	***22,739.9***	***22,829.4***
... Nuclear	***98,616.6***	***76.6***	***10.4***	***98,682.8***	***66.2***	***61.9***	***-542.4***	***0.0***	***1,122.0***	***0.0***	***0.0***	***0.0***	***1,122.0***	***98,682.8***	***99,804.8***
... All Other	***2,136.1***	***114.3***	***0.0***	***2,250.4***	***114.3***	***142.3***	***132.0***	***0.0***	***16.0***	***0.0***	***0.0***	***0.0***	***16.0***	***2,250.4***	***2,266.4***
TOTAL	**1,070,958.8**	**3,519.6**	**3,910.9**	**1,070,567.5**	**-391.3**	**95.2**	**10,612.3**	**1,714.3**	**21,109.7**	**4,224.4**	**16,758.4**	**-2,510.1**	**4,351.3**	**1,068,057.4**	**1,074,918.8**

NOTES:

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

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

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

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

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

Table 6.2.A. Net Summer Capacity of Utility Scale Units by Technology and by State, March 2015 and 2014 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	4,621.0	4,407.7	22,850.8	23,564.2	1,775.4	1,753.4	3.0	3.0	4,046.0	4,630.3	52.9	52.9	33,349.1	34,411.5
Connecticut	336.6	331.6	6,316.0	6,274.1	29.4	29.4	0.0	0.0	2,122.5	2,102.5	30.9	30.9	8,835.4	8,768.5
Maine	1,815.9	1,809.6	2,655.3	2,667.3	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,493.2	4,498.9
Massachusetts	937.7	754.5	9,783.5	10,526.8	1,746.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	13,147.5	13,685.6
New Hampshire	930.5	930.5	2,236.7	2,236.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,413.4	4,413.4
Rhode Island	50.3	49.5	1,759.8	1,759.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,810.1	1,809.3
Vermont	550.0	532.0	99.5	99.5	0.0	0.0	0.0	0.0	0.0	604.3	0.0	0.0	649.5	1,235.8
Middle Atlantic	10,248.7	10,087.1	69,262.9	69,239.5	3,403.0	3,341.0	40.0	40.0	19,241.5	19,234.3	11.2	11.2	102,207.3	101,953.1
New Jersey	657.2	584.0	14,204.1	13,882.4	420.0	420.0	0.0	0.0	4,114.7	4,107.5	11.2	11.2	19,407.2	19,005.1
New York	6,729.9	6,649.2	26,447.5	26,428.0	1,400.0	1,400.0	20.0	20.0	5,421.0	5,421.0	0.0	0.0	40,018.4	39,918.2
Pennsylvania	2,861.6	2,853.9	28,611.3	28,929.1	1,583.0	1,521.0	20.0	20.0	9,705.8	9,705.8	0.0	0.0	42,781.7	43,029.8
East North Central	9,842.5	9,229.4	121,257.0	122,005.5	1,945.0	1,872.0	24.0	24.0	18,877.1	18,838.1	110.0	109.1	152,055.6	152,078.1
Illinois	3,815.9	3,718.2	29,701.0	29,654.6	0.0	0.0	0.0	0.0	11,577.5	11,577.5	0.0	0.0	45,094.4	44,950.3
Indiana	1,966.2	1,719.6	25,410.6	25,396.6	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,464.8	27,204.2
Michigan	2,233.4	1,985.1	22,465.4	22,453.6	1,945.0	1,872.0	0.0	0.0	3,968.1	3,929.1	0.9	0.0	30,612.8	30,239.8
Ohio	711.7	703.6	28,829.0	29,472.1	0.0	0.0	24.0	24.0	2,134.0	2,134.0	0.0	0.0	31,698.7	32,333.7
Wisconsin	1,115.3	1,102.9	14,851.0	15,028.6	0.0	0.0	0.0	0.0	1,197.5	1,197.5	21.1	21.1	17,184.9	17,350.1
West North Central	19,303.4	18,254.0	62,405.5	62,124.5	657.0	657.0	2.0	1.0	5,888.0	5,888.0	44.5	24.5	88,300.4	86,949.0
Iowa	5,742.6	5,212.3	10,041.4	10,116.3	0.0	0.0	0.0	0.0	601.4	601.4	20.0	0.0	16,405.4	15,930.0
Kansas	2,991.9	2,990.9	10,169.7	10,077.3	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.8	0.8	14,337.4	14,244.0
Minnesota	3,520.7	3,517.5	10,618.1	10,625.3	0.0	0.0	1.0	1.0	1,673.0	1,673.0	18.4	18.4	15,831.2	15,835.2
Missouri	1,050.8	1,041.9	18,916.8	18,860.6	657.0	657.0	1.0	0.0	1,194.0	1,194.0	0.0	0.0	21,819.6	21,753.5
Nebraska	1,105.4	823.9	6,383.6	6,384.9	0.0	0.0	0.0	0.0	1,244.6	1,244.6	0.0	0.0	8,733.6	8,453.4
North Dakota	2,484.0	2,279.0	4,585.6	4,361.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	7,074.9	6,645.7
South Dakota	2,408.0	2,388.5	1,690.3	1,698.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,098.3	4,087.2
South Atlantic	12,794.6	12,378.1	162,085.9	160,833.1	7,905.2	7,905.2	32.0	32.0	24,562.6	24,562.6	970.7	930.0	208,351.0	206,641.0
Delaware	42.5	38.3	3,042.4	3,042.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,084.9	3,080.7
District of Columbia	0.0	0.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
Florida	1,316.9	1,304.2	53,806.1	53,125.5	0.0	0.0	0.0	0.0	3,572.0	3,572.0	776.7	780.0	59,471.7	58,781.7
Georgia	2,819.7	2,813.6	29,493.8	29,473.5	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	44.0	0.0	38,280.7	38,210.3
Maryland	953.6	910.3	9,609.2	9,742.2	0.0	0.0	0.0	0.0	1,716.0	1,716.0	0.0	0.0	12,278.8	12,368.5
North Carolina	3,258.9	2,908.7	21,939.5	21,939.5	86.0	86.0	0.0	0.0	5,076.1	5,076.1	54.0	54.0	30,414.5	30,064.3
South Carolina	1,769.5	1,769.5	11,789.3	11,974.9	2,716.0	2,716.0	0.0	0.0	6,556.2	6,556.2	0.0	0.0	22,831.0	23,016.6
Virginia	1,747.5	1,747.5	17,040.7	16,162.0	3,241.0	3,241.0	0.0	0.0	3,581.3	3,581.3	96.0	96.0	25,706.5	24,827.8
West Virginia	886.0	886.0	15,355.9	15,364.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,273.9	16,282.1
East South Central	7,961.8	8,016.2	70,507.1	70,613.2	1,616.3	1,616.3	0.0	0.0	9,852.6	9,857.5	151.4	151.4	90,089.2	90,254.6
Alabama	3,894.4	3,978.6	22,917.1	23,361.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	31,854.9	32,383.1
Kentucky	903.6	901.4	20,098.2	20,102.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21,001.8	21,003.6
Mississippi	274.7	278.2	14,390.9	13,699.3	0.0	0.0	0.0	0.0	1,408.5	1,413.4	151.4	151.4	16,225.5	15,542.3
Tennessee	2,889.1	2,858.0	13,100.9	13,450.6	1,616.3	1,616.3	0.0	0.0	3,400.7	3,400.7	0.0	0.0	21,007.0	21,325.6
West South Central	22,708.7	19,914.3	147,021.4	144,309.4	288.0	288.0	36.0	36.0	8,905.0	8,904.4	467.9	425.9	179,427.0	173,878.0
Arkansas	1,632.0	1,632.6	11,270.5	11,306.3	28.0	28.0	0.0	0.0	1,819.6	1,819.0	0.0	0.0	14,750.1	14,785.9
Louisiana	642.9	642.9	23,846.9	23,257.3	0.0	0.0	0.0	0.0	2,125.4	2,125.4	230.3	202.3	26,845.5	26,227.9
Oklahoma	4,726.9	4,076.3	19,019.5	18,963.9	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	24,006.4	23,300.2
Texas	15,706.9	13,562.5	92,884.5	90,781.9	0.0	0.0	36.0	36.0	4,960.0	4,960.0	237.6	223.6	113,825.0	109,564.0
Mountain	20,881.4	19,990.6	64,055.3	63,899.3	778.8	778.8	2.6	2.6	3,937.0	3,937.0	111.4	111.4	89,766.5	88,719.7
Arizona	4,383.0	4,273.5	19,635.3	19,599.1	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,171.6	28,025.9
Colorado	3,400.8	3,122.8	10,990.2	11,075.8	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,962.8	14,770.4
Idaho	3,776.5	3,771.5	1,137.4	1,137.4	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	4,928.7	4,923.7
Montana	3,397.8	3,373.5	2,758.7	2,911.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,200.5	6,329.2
Nevada	2,366.5	1,987.5	8,250.6	8,684.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,617.1	10,672.1
New Mexico	1,172.2	1,080.2	6,916.8	6,881.1	0.0	0.0	2.6	2.6	0.0	0.0	0.0	0.0	8,091.6	7,963.9
Utah	669.0	666.0	7,626.4	7,000.3	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	8,327.2	7,698.1
Wyoming	1,715.6	1,715.6	6,739.9	6,609.3	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,467.0	8,336.4
Pacific Contiguous	62,089.3	59,789.3	51,854.7	52,401.5	4,177.6	4,177.6	6.0	6.0	3,373.0	3,373.0	303.8	275.4	121,804.4	120,022.8
California	25,368.1	23,401.6	43,202.2	43,973.2	3,863.6	3,863.6	6.0	6.0	2,240.0	2,240.0	247.0	218.6	74,926.9	73,703.0
Oregon	12,041.1	12,028.1	3,859.6	3,635.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,900.7	15,663.5
Washington	24,680.1	24,359.6	4,792.9	4,792.9	314.0	314.0	0.0	0.0	1,133.0	1,133.0	56.8	56.8	30,976.8	30,656.3
Pacific Noncontiguous	1,060.4	1,026.0	4,082.0	3,946.8	0.0	0.0	48.0	48.0	0.0	0.0	26.6	26.6	5,217.0	5,047.4
Alaska	507.5	482.6	2,010.0	1,875.8	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,544.5	2,385.4
Hawaii	552.9	543.4	2,072.0	2,071.0	0.0	0.0	21.0	21.0	0.0	0.0	26.6	26.6	2,672.5	2,662.0
U.S. Total	171,511.8	163,092.7	775,382.6	772,937.0	22,546.3	22,389.3	193.6	192.6	98,682.8	99,225.2	2,250.4	2,118.4	1,070,567.5	1,059,955.2

Values are preliminary.

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.
Concentrated Solar Power Energy Storage is included in 'Renewable sources'; it is not included in 'Other Energy Storage'

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 6.2.B. Net Summer Capacity of Utility Scale Units Using Primarily Renewable Energy Sources and by State, March 2015 and 2014 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	821.2	800.9	342.9	159.4	0.0	0.0	1,958.9	1,952.6	1,498.0	1,494.8	0.0	0.0	4,621.0	4,407.7
Connecticut	0.0	0.0	10.0	5.0	0.0	0.0	122.2	122.2	204.4	204.4	0.0	0.0	336.6	331.6
Maine	430.6	430.6	0.0	0.0	0.0	0.0	733.0	726.7	652.3	652.3	0.0	0.0	1,815.9	1,809.6
Massachusetts	95.6	76.1	295.8	135.3	0.0	0.0	263.0	263.0	283.3	280.1	0.0	0.0	937.7	754.5
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	514.4	514.4	245.1	245.1	0.0	0.0	930.5	930.5
Rhode Island	3.8	3.0	6.9	6.9	0.0	0.0	2.7	2.7	36.9	36.9	0.0	0.0	50.3	49.5
Vermont	120.2	120.2	30.2	12.2	0.0	0.0	323.6	323.6	76.0	76.0	0.0	0.0	550.0	532.0
Middle Atlantic	3,098.5	3,082.2	509.8	433.4	0.0	0.0	5,284.4	5,226.8	1,356.0	1,344.7	0.0	0.0	10,248.7	10,087.1
New Jersey	7.6	7.5	416.5	346.4	0.0	0.0	3.3	3.3	229.8	226.8	0.0	0.0	657.2	584.0
New York	1,747.0	1,730.8	51.2	46.2	0.0	0.0	4,387.8	4,332.3	543.9	539.9	0.0	0.0	6,729.9	6,649.2
Pennsylvania	1,343.9	1,343.9	42.1	40.8	0.0	0.0	893.3	891.2	582.3	578.0	0.0	0.0	2,861.6	2,853.9
East North Central	7,568.8	7,033.4	161.6	121.0	0.0	0.0	920.3	920.3	1,191.8	1,154.7	0.0	0.0	9,842.5	9,229.4
Illinois	3,624.8	3,525.1	31.9	31.6	0.0	0.0	34.1	34.1	125.1	127.4	0.0	0.0	3,815.9	3,718.2
Indiana	1,739.7	1,539.7	91.1	57.3	0.0	0.0	60.4	60.4	75.0	62.2	0.0	0.0	1,966.2	1,719.6
Michigan	1,448.5	1,215.9	0.0	0.0	0.0	0.0	331.4	331.4	453.5	437.8	0.0	0.0	2,233.4	1,985.1
Ohio	424.1	424.1	37.6	32.1	0.0	0.0	101.9	101.9	148.1	145.5	0.0	0.0	711.7	703.6
Wisconsin	331.7	328.6	1.0	0.0	0.0	0.0	392.5	392.5	390.1	381.8	0.0	0.0	1,115.3	1,102.9
West North Central	15,485.8	14,448.2	10.4	4.5	0.0	0.0	3,290.4	3,292.2	516.8	509.1	0.0	0.0	19,303.4	18,254.0
Iowa	5,577.3	5,047.0	0.0	0.0	0.0	0.0	144.9	144.9	20.4	20.4	0.0	0.0	5,742.6	5,212.3
Kansas	2,968.9	2,968.9	1.0	0.0	0.0	0.0	7.0	7.0	15.0	15.0	0.0	0.0	2,991.9	2,990.9
Minnesota	2,895.0	2,893.7	1.7	1.7	0.0	0.0	184.6	184.2	439.4	437.9	0.0	0.0	3,520.7	3,517.5
Missouri	458.5	458.5	7.7	2.8	0.0	0.0	568.1	570.3	16.5	10.3	0.0	0.0	1,050.8	1,041.9
Nebraska	811.9	530.4	0.0	0.0	0.0	0.0	277.8	277.8	15.7	15.7	0.0	0.0	1,105.4	823.9
North Dakota	1,964.2	1,759.2	0.0	0.0	0.0	0.0	510.0	510.0	9.8	9.8	0.0	0.0	2,484.0	2,279.0
South Dakota	810.0	790.5	0.0	0.0	0.0	0.0	1,598.0	1,598.0	0.0	0.0	0.0	0.0	2,408.0	2,388.5
South Atlantic	745.3	705.3	903.6	561.7	0.0	0.0	7,195.2	7,193.2	3,950.5	3,917.9	0.0	0.0	12,794.6	12,378.1
Delaware	2.0	2.0	28.3	28.3	0.0	0.0	0.0	0.0	12.2	8.0	0.0	0.0	42.5	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	72.9	66.4	0.0	0.0	54.5	54.5	1,189.5	1,183.3	0.0	0.0	1,316.9	1,304.2
Georgia	0.0	0.0	67.6	61.1	0.0	0.0	2,044.9	2,044.9	707.2	707.6	0.0	0.0	2,819.7	2,813.6
Maryland	160.0	120.0	58.5	55.2	0.0	0.0	590.0	590.0	145.1	145.1	0.0	0.0	953.6	910.3
North Carolina	0.0	0.0	673.8	348.2	0.0	0.0	1,999.0	1,997.0	586.1	563.5	0.0	0.0	3,258.9	2,908.7
South Carolina	0.0	0.0	2.5	2.5	0.0	0.0	1,340.3	1,340.3	426.7	426.7	0.0	0.0	1,769.5	1,769.5
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	866.0	866.0	881.5	881.5	0.0	0.0	1,747.5	1,747.5
West Virginia	583.3	583.3	0.0	0.0	0.0	0.0	300.5	300.5	2.2	2.2	0.0	0.0	886.0	886.0
East South Central	29.1	29.1	45.2	13.6	0.0	0.0	6,724.1	6,719.4	1,163.4	1,254.1	0.0	0.0	7,961.8	8,016.2
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	622.2	706.4	0.0	0.0	3,894.4	3,978.6
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	833.3	831.1	70.3	70.3	0.0	0.0	903.6	901.4
Mississippi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274.7	278.2	0.0	0.0	274.7	278.2
Tennessee	29.1	29.1	45.2	13.6	0.0	0.0	2,618.6	2,616.1	196.2	199.2	0.0	0.0	2,889.1	2,858.0
West South Central	18,133.5	15,454.8	185.7	130.3	0.0	0.0	3,057.6	3,048.2	1,331.9	1,281.0	0.0	0.0	22,708.7	19,914.3
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1,323.6	1,324.2	308.4	308.4	0.0	0.0	1,632.0	1,632.6
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0	192.0	192.0	450.9	450.9	0.0	0.0	642.9	642.9
Oklahoma	3,779.5	3,132.9	0.0	0.0	0.0	0.0	871.2	867.2	76.2	76.2	0.0	0.0	4,726.9	4,076.3
Texas	14,354.0	12,321.9	185.7	130.3	0.0	0.0	670.8	664.8	496.4	445.5	0.0	0.0	15,706.9	13,562.5
Mountain	7,098.0	6,795.5	2,148.7	1,608.5	363.9	363.9	10,564.2	10,551.0	178.2	184.8	528.4	486.9	20,881.4	19,990.6
Arizona	237.3	237.3	1,094.7	982.9	295.4	295.4	2,720.9	2,719.4	34.7	38.5	0.0	0.0	4,383.0	4,273.5
Colorado	2,566.1	2,302.9	127.0	120.2	0.0	0.0	680.3	672.3	27.4	27.4	0.0	0.0	3,400.8	3,122.8
Idaho	962.7	962.7	0.0	0.0	0.0	0.0	2,708.1	2,704.5	95.7	94.3	10.0	10.0	3,776.5	3,771.5
Montana	636.7	612.4	0.0	0.0	0.0	0.0	2,758.1	2,758.1	3.0	3.0	0.0	0.0	3,397.8	3,373.5
Nevada	150.0	150.0	649.6	312.1	68.5	68.5	1,051.4	1,051.4	3.2	3.2	443.8	402.3	2,366.5	1,987.5
New Mexico	812.3	797.3	273.2	192.0	0.0	0.0	82.9	82.9	2.2	6.4	1.6	1.6	1,172.2	1,080.2
Utah	324.4	324.4	4.2	1.3	0.0	0.0	255.4	255.3	12.0	12.0	73.0	73.0	669.0	666.0
Wyoming	1,408.5	1,408.5	0.0	0.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	1,715.6	1,715.6
Pacific Contiguous	12,166.9	11,923.2	4,676.0	2,866.1	1,294.0	1,047.5	39,895.0	39,840.7	2,061.0	2,034.7	1,996.4	2,077.1	62,089.3	59,789.3
California	5,932.9	5,956.0	4,661.6	2,852.9	1,294.0	1,047.5	10,173.6	10,175.4	1,327.3	1,310.4	1,978.7	2,059.4	25,368.1	23,401.6
Oregon	3,160.9	3,160.9	13.9	12.7	0.0	0.0	8,517.4	8,515.7	331.2	321.1	17.7	17.7	12,041.1	12,028.1
Washington	3,073.1	2,806.3	0.5	0.5	0.0	0.0	21,204.0	21,149.6	402.5	403.2	0.0	0.0	24,680.1	24,359.6
Pacific Noncontiguous	265.6	265.6	32.2	20.2	0.0	0.0	465.5	440.6	254.1	256.6	43.0	43.0	1,060.4	1,026.0
Alaska	60.0	60.0	0.0	0.0	0.0	0.0	440.5	415.6	7.0	7.0	0.0	0.0	507.5	482.6
Hawaii	205.6	205.6	32.2	20.2	0.0	0.0	25.0	25.0	247.1	249.6	43.0	43.0	552.9	543.4
U.S. Total	65,412.7	60,538.2	9,016.1	5,918.7	1,657.9	1,411.4	79,355.6	79,185.0	13,501.7	13,432.4	2,567.8	2,607.0	171,511.8	163,092.7

Values are preliminary.

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

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 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, March 2015 and 2014 (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	
	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014	March 2015	March 2014
New England	11,739.3	11,720.9	1,110.1	1,111.3	958.0	884.9	2,076.8	2,382.7	0.0	0.0	6,966.6	7,464.4	0.0	0.0	22,850.8	23,564.2
Connecticut	2,504.6	2,504.6	482.2	482.2	63.5	75.9	383.4	383.4	0.0	0.0	2,882.3	2,828.0	0.0	0.0	6,316.0	6,274.1
Maine	1,250.0	1,250.0	297.2	297.2	119.0	119.0	85.0	85.0	0.0	0.0	904.1	916.1	0.0	0.0	2,655.3	2,667.3
Massachusetts	5,051.5	5,033.1	326.9	328.1	765.1	679.6	1,074.5	1,380.4	0.0	0.0	2,565.5	3,105.6	0.0	0.0	9,783.5	10,526.8
New Hampshire	1,201.0	1,201.0	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	2,236.7
Rhode Island	1,732.2	1,732.2	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	1,759.8
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.5	99.5	0.0	0.0	99.5	99.5
Middle Atlantic	23,293.5	22,426.7	8,767.0	8,760.8	9,928.4	10,148.3	18,580.2	19,095.8	11.6	11.6	8,581.8	8,695.9	100.4	100.4	69,262.9	69,239.5
New Jersey	6,613.5	5,852.0	4,081.5	4,062.8	508.9	670.4	1,875.8	1,988.8	11.6	11.6	1,112.8	1,296.8	0.0	0.0	14,204.1	13,882.4
New York	8,235.5	8,236.0	3,006.5	3,017.0	7,620.9	7,679.3	2,496.3	2,507.3	0.0	0.0	5,088.3	4,988.4	0.0	0.0	26,447.5	26,428.0
Pennsylvania	8,444.5	8,338.7	1,679.0	1,681.0	1,798.6	1,798.6	14,208.1	14,599.7	0.0	0.0	2,380.7	2,410.7	100.4	100.4	28,611.3	28,929.1
East North Central	16,290.9	16,267.1	25,696.5	25,677.7	3,647.3	3,624.7	71,209.2	71,988.7	570.1	570.1	2,901.7	2,935.9	941.3	941.3	121,257.0	122,005.5
Illinois	2,972.4	2,957.7	10,194.4	10,169.6	228.4	228.0	15,505.9	15,498.4	0.0	0.0	682.2	683.2	117.7	117.7	29,701.0	29,654.6
Indiana	2,471.2	2,471.2	3,119.6	3,119.6	21.8	8.7	18,662.2	18,648.2	274.0	274.0	255.3	268.4	606.5	606.5	25,410.6	25,396.6
Michigan	4,209.8	4,210.1	3,587.5	3,590.4	3,126.2	3,117.1	10,972.5	10,946.5	47.2	47.2	522.2	542.3	0.0	0.0	22,465.4	22,453.6
Ohio	3,974.6	3,965.2	5,427.7	5,426.7	131.4	131.4	18,091.3	18,744.8	142.0	142.0	844.9	844.9	217.1	217.1	28,829.0	29,472.1
Wisconsin	2,662.9	2,662.9	3,367.3	3,371.4	139.5	139.5	7,977.3	8,150.8	106.9	106.9	597.1	597.1	0.0	0.0	14,851.0	15,028.6
West North Central	5,728.8	5,730.6	11,574.1	11,364.4	3,349.8	3,195.2	37,618.4	37,679.5	32.0	32.0	4,094.0	4,114.4	8.4	8.4	62,405.5	62,124.5
Iowa	1,111.0	1,112.8	1,104.4	1,105.6	300.7	291.1	6,482.6	6,562.3	32.0	32.0	1,010.7	1,012.5	0.0	0.0	10,041.4	10,116.3
Kansas	0.0	0.0	2,350.7	2,350.7	2,130.9	1,996.2	5,150.1	5,188.1	0.0	0.0	538.0	542.3	0.0	0.0	10,169.7	10,077.3
Minnesota	2,158.2	2,158.2	2,575.7	2,580.4	271.4	257.2	4,814.8	4,822.3	0.0	0.0	798.0	807.2	0.0	0.0	10,618.1	10,625.3
Missouri	1,830.0	1,830.0	3,367.6	3,320.9	230.8	230.8	12,343.4	12,332.9	0.0	0.0	1,145.0	1,146.0	0.0	0.0	18,916.8	18,860.6
Nebraska	339.6	339.6	1,153.1	1,152.2	407.3	407.3	4,167.9	4,170.5	0.0	0.0	315.7	315.3	0.0	0.0	6,383.6	6,384.9
North Dakota	0.0	0.0	328.0	160.0	0.0	0.0	4,184.6	4,128.4	0.0	0.0	64.6	64.6	8.4	8.4	4,585.6	4,361.4
South Dakota	290.0	290.0	694.6	694.6	8.7	12.6	475.0	475.0	0.0	0.0	222.0	226.5	0.0	0.0	1,690.3	1,698.7
South Atlantic	47,230.7	45,004.5	31,868.5	31,817.8	4,809.4	4,440.4	63,224.9	64,491.1	669.8	669.8	14,147.6	14,144.5	135.0	265.0	162,085.9	160,833.1
Delaware	1,196.0	1,196.0	311.0	181.0	876.0	876.0	410.0	410.0	0.0	0.0	114.4	114.4	135.0	265.0	3,042.4	3,042.4
District of Columbia	0.0	0.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
Florida	25,381.9	24,667.9	8,405.0	8,405.4	2,614.3	2,647.3	10,117.0	10,117.0	586.0	586.0	6,701.9	6,701.9	0.0	0.0	53,806.1	53,125.5
Georgia	7,961.8	7,921.8	7,823.4	7,799.1	155.0	155.0	12,368.1	12,412.1	83.8	83.8	1,101.7	1,101.7	0.0	0.0	29,493.8	29,473.5
Maryland	250.0	250.0	1,479.9	1,594.9	325.8	325.8	4,739.0	4,757.0	0.0	0.0	2,814.5	2,814.5	0.0	0.0	9,609.2	9,742.2
North Carolina	4,706.6	4,706.6	6,035.7	6,035.7	0.0	0.0	10,794.8	10,794.8	0.0	0.0	402.4	402.4	0.0	0.0	21,939.5	21,939.5
South Carolina	2,416.0	2,416.0	2,855.6	2,841.2	280.8	110.8	5,575.5	5,945.5	0.0	0.0	661.4	661.4	0.0	0.0	11,789.3	11,974.9
Virginia	5,318.4	3,846.2	3,877.6	3,877.6	557.5	319.9	4,946.9	5,781.1	0.0	0.0	2,340.3	2,337.2	0.0	0.0	17,040.7	16,162.0
West Virginia	0.0	0.0	1,071.3	1,073.9	0.0	5.6	14,273.6	14,273.6	0.0	0.0	11.0	11.0	0.0	0.0	15,355.9	15,364.1
East South Central	18,338.7	17,642.3	12,887.5	12,829.5	2,741.9	2,725.5	36,288.5	37,111.0	0.0	0.0	150.7	205.1	99.8	99.8	70,507.1	70,613.2
Alabama	9,373.1	9,373.1	2,530.6	2,530.6	178.3	178.3	10,692.7	11,136.7	0.0	0.0	42.6	42.6	99.8	99.8	22,917.1	23,361.1
Kentucky	0.0	0.0	4,870.6	4,812.6	0.0	0.0	15,215.7	15,219.7	0.0	0.0	11.9	69.9	0.0	0.0	20,098.2	20,102.2
Mississippi	7,562.6	6,866.2	1,716.9	1,716.9	2,542.4	2,547.2	2,526.0	2,526.0	0.0	0.0	43.0	43.0	0.0	0.0	14,390.9	13,699.3
Tennessee	1,403.0	1,403.0	3,769.4	3,769.4	21.2	0.0	7,854.1	8,228.6	0.0	0.0	53.2	49.6	0.0	0.0	13,100.9	13,450.6
West South Central	58,794.5	55,733.7	12,477.8	12,299.6	36,284.4	36,756.5	37,976.4	37,956.7	955.6	984.2	192.8	198.8	339.9	379.9	147,021.4	144,309.4
Arkansas	4,597.3	4,630.5	725.8	727.6	810.7	813.7	5,124.5	5,122.3	0.0	0.0	12.2	12.2	0.0	0.0	11,270.5	11,306.3
Louisiana	7,677.3	7,053.4	2,641.2	2,640.4	9,054.5	9,068.5	3,445.3	3,437.8	945.0	973.6	49.3	49.3	34.3	34.3	23,846.9	23,257.3
Oklahoma	7,169.2	7,097.5	1,189.9	1,189.9	5,300.9	5,297.0	5,285.1	5,305.1	0.0	0.0	74.4	74.4	0.0	0.0	19,019.5	18,963.9
Texas	39,350.7	36,952.3	7,920.9	7,741.7	21,118.3	21,577.3	24,121.5	24,091.5	10.6	10.6	56.9	62.9	305.6	345.6	92,884.5	90,781.9
Mountain	21,887.2	21,173.5	8,913.0	8,876.0	3,213.4	3,396.2	29,524.0	29,978.0	52.0	52.0	370.8	328.7	94.9	94.9	64,055.3	63,899.3
Arizona	9,845.6	9,806.4	2,367.6	2,367.6	1,177.6	1,177.6	6,154.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	19,635.3	19,599.1
Colorado	2,651.7	2,731.7	2,539.3	2,539.3	349.0	353.2	5,281.8	5,281.8	0.0	0.0	168.4	169.8	0.0	0.0	10,990.2	11,075.8
Idaho	567.5	567.5	543.0	543.0	4.3	4.3	17.2	17.2	0.0	0.0	5.4	5.4	0.0	0.0	1,137.4	1,137.4
Montana	0.0	0.0	362.1	362.1	54.0	54.0	2,289.1	2,442.1	52.0	52.0	0.0	0.0	1.5	1.5	2,758.7	2,911.7
Nevada	5,410.5	5,410.5	1,385.6	1,385.6	451.1	587.1	997.4	1,295.4	0.0	0.0	6.0	6.0	0.0	0.0	8,250.6	8,684.6
New Mexico	1,487.9	1,456.4	1,041.6	1,041.6	849.4	888.7	3,471.0	3,471.0	0.0	0.0	66.9	23.4	0.0	0.0	6,916.8	6,881.1
Utah	1,830.0	1,201.0	520.2	520.2	322.4	325.3	4,926.0	4,926.0	0.0	0.0	27.8	27.8	0.0	0.0	7,626.4	7,000.3
Wyoming	94.0	0.0	153.6	116.6	5.6	6.0	6,387.5	6,387.5	0.0	0.0	5.8	5.8	93.4	93.4	6,739.9	6,609.3
Pacific Contiguous	25,113.3	25,609.5	11,391.8	11,392.1	12,627.6	12,545.1	2,043.6	2,177.8	0.0	17.0	466.7	448.3	211.7	211.7	51,854.7	52,401.5
California	19,427.8	19,924.0	10,616.8	10,617.1	12,375.8	12,517.5	118.6	252.8	0.0	17.0	451.5	433.1	211.7	211.7	43,202.2	43,973.2
Oregon	2,916.6	2,916.6	133.8	133.8	224.2	0.0	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	3,859.6	3,635.4
Washington	2,768.9	2,768.9	641.2	641.2	27.6	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	4,792.9	4,792.9
Pacific Noncontiguous	605.2	605.2	529.2	476.2	79.8	13.8	290.5	290.5	0.0	0.0	2,570.9	2,554.7	6.4	6.4	4,082.0	3,946.8
Alaska	605.2	605.2	529.2	476.2	79.8	13.8	110.5	110.5	0.0	0.0	685.3	670.1	0.0	0.0	2,010.0	1,875.8
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,885.6	1,884.6	6.4	6.4	2,072.0	2,071.0
U.S. Total	229,022.1	221,914.0	125,215.5	124,605.4	77,640.0	77,730.6	298,832.5	303,151.8	2,291.1	2,336.7	40,443.6	41,090.7	1,937.8	2,107.8	775,382.6	772,937.0

Values are preliminary.

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

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 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2015

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	1	12647	ALLETE, Inc.	Electric Utility	Bison 4 Wind Energy Center	ND	58872	BISO4	205.0	Onshore Wind Turbine	WND	WT
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	1	59275	CF SBC Master Tenant One LLC	IPP	Coronus Adelanto West 1	CA	59536	AW1	1.5	Solar Photovoltaic	SUN	PV
2015	1	59275	CF SBC Master Tenant One LLC	IPP	Coronus Adelanto West 2	CA	59537	AW2	1.5	Solar Photovoltaic	SUN	PV
2015	1	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV04	30.0	Solar Photovoltaic	SUN	PV
2015	1	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	10	21.0	Solar Photovoltaic	SUN	PV
2015	1	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	9	24.0	Solar Photovoltaic	SUN	PV
2015	1	59176	Diamond Valley Solar LLC	IPP	Diamond Valley Solar Project	CA	59405	PV11	1.3	Solar Photovoltaic	SUN	PV
2015	1	58720	Enbridge	IPP	Keechi Wind	TX	58838	KW1	110.0	Onshore Wind Turbine	WND	WT
2015	1	56615	First Solar Energy LLC	IPP	Meadow Lake Solar Energy Center	NM	59618	MLK	9.1	Solar Photovoltaic	SUN	PV
2015	1	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-1	3.9	Conventional Hydroelectric	WAT	HY
2015	1	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-2	0.9	Conventional Hydroelectric	WAT	HY
2015	1	56990	NJR Clean Energy Ventures Corporation	IPP	Carroll Area Wind Farm	IA	59071	WT 1	20.0	Onshore Wind Turbine	WND	WT
2015	1	56990	NJR Clean Energy Ventures Corporation	IPP	North Run	NJ	59318	NRUN1	5.0	Solar Photovoltaic	SUN	PV
2015	1	58489	OCI Solar Power	IPP	OCI Alamo 3 LLC	TX	59204	OCIA3	5.5	Solar Photovoltaic	SUN	PV
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Kinsley Landfill Solar	NJ	58877	KINS	8.6	Solar Photovoltaic	SUN	PV
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Parkland Landfill Solar	NJ	59001	PARK	7.8	Solar Photovoltaic	SUN	PV
2015	1	59121	Pumpjack Solar I, LLC	IPP	Pumpjack Solar I	CA	59322	GEN1	20.0	Solar Photovoltaic	SUN	PV
2015	1	59040	Rising Tree Wind Farm II LLC	IPP	Rising Tree Wind Farm II	CA	59235	GEN1	19.8	Onshore Wind Turbine	WND	WT
2015	1	56937	Rising Tree Wind Farm LLC	IPP	Rising Tree Wind Farm	CA	57621	GEN1	79.2	Onshore Wind Turbine	WND	WT
2015	1	58820	Shankle Solar Center LLC	IPP	Shankle Solar Center LLC	NC	58956	SHAN	4.8	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017A	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017B	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017C	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017D	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017E	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017F	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017G	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33A	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33B	0.5	Solar Photovoltaic	SUN	PV
2015	1	58258	SunRay Power LLC	IPP	Leicester One MA Solar LLC	MA	58282	1	6.0	Solar Photovoltaic	SUN	PV
2015	2	58519	Clean Energy Collective LLC	IPP	Midwest Energy Community Solar Array	KS	59632	1036	1.0	Solar Photovoltaic	SUN	PV
2015	2	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV05	30.0	Solar Photovoltaic	SUN	PV
2015	2	56615	First Solar Energy LLC	Electric Utility	Cibola	NM	59619	CBLA	7.6	Solar Photovoltaic	SUN	PV
2015	2	59458	Landfill Energy Systems Florida	IPP	Sarasota County LFGTE Facility	FL	59686	LESF1	1.6	Landfill Gas	LFG	IC
2015	2	59458	Landfill Energy Systems Florida	IPP	Sarasota County LFGTE Facility	FL	59686	LESF2	1.6	Landfill Gas	LFG	IC
2015	2	59458	Landfill Energy Systems Florida	IPP	Sarasota County LFGTE Facility	FL	59686	LESF3	1.6	Landfill Gas	LFG	IC
2015	2	59458	Landfill Energy Systems Florida	IPP	Sarasota County LFGTE Facility	FL	59686	LESF4	1.6	Landfill Gas	LFG	IC
2015	2	11208	Los Angeles Department of Water & Power	IPP	Forever 21 Retail, Inc.	CA	59651	W4161	4.6	Solar Photovoltaic	SUN	PV
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS07	16.5	Other Natural Gas	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS08	16.5	Other Natural Gas	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS09	16.5	Other Natural Gas	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS10	16.5	Other Natural Gas	NG	IC
2015	2	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS12	52.6	Solar Photovoltaic	SUN	PV
2015	2	59208	NRG Solar Las Vegas MB-1	Commercial	NRG Solar Las Vegas MB-1	NV	59430	MB-1	5.0	Solar Photovoltaic	SUN	PV
2015	2	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	OEC21	12.0	Geothermal	GEO	BT
2015	2	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	OEC22	12.0	Geothermal	GEO	BT
2015	2	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	OEC23	6.0	Geothermal	GEO	BT
2015	2	59424	SSA Solar of NM 4, LLC	IPP	City of Truth or Consequences PV	NM	59653	COTC	1.9	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026H	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026I	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026J	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26K	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26L	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44H	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44I	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44J	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44K	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44L	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44M	0.5	Solar Photovoltaic	SUN	PV

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2015

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	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44N	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44O	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44P	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48H	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48I	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48J	0.5	Solar Photovoltaic	SUN	PV
2015	2	59158	Wildwood Solar I, LLC	IPP	Wildwood Solar I, LLC	CA	59380	WLD1	19.5	Solar Photovoltaic	SUN	PV
2015	3	59307	Ashley Solar Farm, LLC	IPP	Ashley Solar Farm	NC	59566	PV1	4.0	Solar Photovoltaic	SUN	PV
2015	3	58748	Clean Energy LLC	Electric CHP	Reventure Park	NC	58865	RNG	1.6	Landfill Gas	LFG	IC
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
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
2015	3	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG H	CA	58913	1	1.5	Solar Photovoltaic	SUN	PV
2015	3	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG M	CA	58912	1	1.8	Solar Photovoltaic	SUN	PV
2015	3	58865	Hoopeston Wind LLC	IPP	Hoopeston Wind LLC	IL	59021	HOO1	98.0	Onshore Wind Turbine	WND	WT
2015	3	59284	Kona Solar, LLC	IPP	Park Meridian #1	CA	59539	1	1.5	Solar Photovoltaic	SUN	PV
2015	3	59284	Kona Solar, LLC	IPP	Terra Francesco	CA	59541	3	1.5	Solar Photovoltaic	SUN	PV
2015	3	58598	Mass Solar, LLC	IPP	Braley Road 2	MA	58680	PV1	2.7	Solar Photovoltaic	SUN	PV
2015	3	58598	Mass Solar, LLC	IPP	Freetown Solar	MA	58283	1	5.0	Solar Photovoltaic	SUN	PV
2015	3	59358	REUT Origination, LLC	IPP	South Milford Solar Plant	UT	59620	SMS1	2.9	Solar Photovoltaic	SUN	PV
2015	3	58920	Redmon Solar Farm LLC	IPP	Redmon Solar Farm LLC	NC	59114	1	2.0	Solar Photovoltaic	SUN	PV
2015	3	58749	Rentech Nitrogen Pasadena LLC	Electric CHP	Rentech Nitrogen Pasadena Cogeneration	TX	58870	MG202	14.0	All Other	WH	ST
2015	3	59519	TerraForm Solar XVII, LLC	IPP	BlueWave Capital - Grafton (SREC II)	MA	59752	1	1.3	Solar Photovoltaic	SUN	PV
2015	3	58361	Triton College	Commercial	Triton East and West Cogen	IL	58375	5	0.4	Other Natural Gas	NG	IC
2015	3	59298	Vega Solar, LLC	IPP	Vega Solar	CA	59555	VEGA1	20.0	Solar Photovoltaic	SUN	PV

NOTES:

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

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

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

Table 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2015

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	1	12986	Morton Salt Inc	Industrial	Morton Salt Rittman	OH	54335	GEN1	1.5	Conventional Steam Coal	BIT	ST
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	6204	City of Farmington - (NM)	Electric Utility	Animas	NM	2465	1	3.0	Natural Gas Fired Combined Cycle	NG	CA
2015	3	6204	City of Farmington - (NM)	Electric Utility	Animas	NM	2465	2	3.0	Natural Gas Fired Combined Cycle	NG	CA
2015	3	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC1	2.0	Petroleum Liquids	DFO	IC
2015	3	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC2	2.0	Petroleum Liquids	DFO	IC
2015	3	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC3	2.0	Petroleum Liquids	DFO	IC
2015	3	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC4	2.0	Petroleum Liquids	DFO	IC
2015	3	57450	Martin Midstream Partnership,LP	Industrial	Cross Oil Refining & Marketing, Inc	AR	58077	CROSS	3.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2015	3	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2015	3	15298	PPL Montana LLC	IPP	J E Corette Plant	MT	2187	1	153.0	Conventional Steam Coal	SUB	ST
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 2	0.5	Conventional Steam Coal	BIT	ST
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 3	0.6	Conventional Steam Coal	BIT	ST

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	Nameplate Capacity (MW)
2015	4	59050	Algonquin Power Co	IPP	Algonquin SKIC20 Solar LLC	CA	59412	SKI20	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2015	4	57369	Apple, Inc	Commercial	FL Churchill PV	NV	59472	NVC7	19.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	19.9
2015	4	59359	BHE Renewables, LLC	IPP	TX Jumbo Road Wind	TX	59621	JRWND	299.7	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	299.7
2015	4	57421	BayWa r.e Wind LLC	IPP	Beethoven Wind	SD	59187	BAHB0	80.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	80.0
2015	4	59604	Bulltog Energy Airport LLC	IPP	INDY III	IN	59823	INDY3	2.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.5
2015	4	59503	Capital Dynamics	IPP	Green Pastures Wind I	TX	59732	GPI	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	4	19454	City of Unalaska - (AK)	Electric Utility	Dutch Harbor	AK	7502	12	3.7	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	4.4
2015	4	58519	Clean Energy Collective LLC	IPP	Sunnyside Ranch Community Solar Array	CO	59742	HCE	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	4	59346	Colton Solar Two, LLC	IPP	Colton Solar Two, LLC	CA	59598	CS002	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	4	56769	Consolidated Edison Development Inc.	IPP	Corcoran Solar 2	CA	59413	C2CA	19.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	19.8
2015	4	57365	Consolidated Edison Solutions Inc	IPP	Port Richmond WWT Solar	NY	58647	1	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2015	4	59393	Coronal Lost Hills, LLC	IPP	Coronal Lost Hills	CA	59639	CLH	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2015	4	59288	Creswell Alligood Solar, LLC	IPP	Creswell Alligood Solar, LLC	NC	59548	CRES1	14.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	14.0
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0002	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0003	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	BLKW	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	12.0
2015	4	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	LTHL	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2015	4	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	9.3
2015	4	59486	Green Power Solutions of Georgia, LLC	IPP	Dublin Plant	GA	59718	TG1	25.0	Wood/Wood Waste Biomass	WDS	ST	(TS) Construction complete, but not yet in commercial operation	40.0
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT1	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	181.9
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT2	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	179.4
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST1	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete	133.5
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST2	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete	133.5
2015	4	59284	Kona Solar, LLC	IPP	Rancho Cucamonga Dist #1	CA	59540	2	1.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.8
2015	4	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	4.6
2015	4	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	4.6
2015	4	59119	Los Vientos Windpower III, LLC	IPP	Los Vientos Windpower III	TX	59320	GEN1	2.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	2.0
2015	4	58822	MC Power Companies Inc	IPP	Macon Solar Power Project	MO	59729	MSF1	2.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.8
2015	4	58863	Main Street Power	IPP	Arizona Western College PV	AZ	57765	SOLEG	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	4	59600	Mohave Sunrise Solar I, LLC	IPP	Mohave Electric at Fort Mohave	AZ	59819	PV1	4.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.4
2015	4	14077	Oklahoma Municipal Power Authority	Electric Utility	Charles D. Lamb Energy Center	OK	58325	1	122.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	122.0
2015	4	5624	RED-Rochester, LLC	Industrial	RED-Rochester, LLC	NY	10025	75TG	2.2	Conventional Steam Coal	BIT	ST	(T) Regulatory approvals received. Not under construction	3.0
2015	4	59352	Soul City Solar	IPP	Soul City Solar	NC	59606	FLS1	3.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.5
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	211.2
2015	4	59455	Venable Solar, LLC	IPP	Venable Solar 1	CA	58289	VNPV	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2015	4	59455	Venable Solar, LLC	IPP	Venable Solar 2	CA	58290	VSPV	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2015	4	59351	Vicksburg Solar	IPP	Vicksburg Solar	NC	59605	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	4	59156	Wapsie Valley Creamery	Industrial	Wapsie Valley Creamery Back Up Generator	IA	59379	1	1.1	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	1.8
2015	4	20542	Weyerhaeuser Co	Industrial	Flint River Operations	GA	50465	GEN2	25.0	Wood/Wood Waste Biomass	WDS	ST	(V) Under construction, more than 50 percent complete	38.5
2015	5	59212	Adelanto II Solar, LLC	IPP	Adelanto II Solar, LLC	CA	59440	SAS	7.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	7.0
2015	5	59236	Alamo Solar, LLC	IPP	Alamo Solar	CA	59469	ALAMO	18.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	18.7
2015	5	59345	Colton Solar One, LLC	IPP	Colton Solar One, LLC	CA	59597	CS001	2.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2015	5	56769	Consolidated Edison Development Inc.	IPP	Atwell Island West Solar	CA	59414	AWCA	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2015	5	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	1.4
2015	5	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	1.4
2015	5	58468	Dominion Renewable Energy	IPP	CID Solar, LLC	CA	59183	PV1	19.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	19.8
2015	5	58468	Dominion Renewable Energy	IPP	Marin Carport	CA	59703	1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	5	5906	EDF Renewable Services Inc	IPP	City of Corcoran Solar	CA	59087	GEN 1	11.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	11.0
2015	5	5906	EDF Renewable Services Inc	IPP	Goose Lake Solar	CA	59086	GEN1	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	12.0
2015	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	200.0
2015	5	59380	Enel Green Power NA, Inc.	IPP	Osage Wind, LLC	OK	58683	1	150.4	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	150.4
2015	5	59407	FLS Solar 230 (Warren)	IPP	FLS Solar 230 (Warren)	NC	59546	FLS1	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.8
2015	5	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	30.2
2015	5	6915	Galena Electric Utility	Electric Utility	Galena Electric Utility	AK	7437	2A	0.3	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	0.5
2015	5	7349	Golden Spread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58835	ELK1	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	202.0
2015	5	7353	Golden Valley Elec Assn Inc	Electric Utility	Healy	AK	6288	2	50.0	Conventional Steam Coal	LIG	ST	(TS) Construction complete, but not yet in commercial operation	50.0
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	25.9
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	70.3
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	105.5
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	129.5
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	109.2
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	61.1
2015	5	59287	Laurel Capital Partners	IPP	OD Hay Road Solar 23 LLC	DE	59715	PV1	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
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	691.0
2015	5	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS01	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	5	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS02	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	5	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS03	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	5	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS04	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	5	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS05	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	5	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS06	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	5	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS11	52.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	54.0
2015	5	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	44.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	43.5
2015	5	12670	Missouri Jnt Muni.Pwr Elec. Ut. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	13.8
2015	5	12670	Missouri Jnt Muni.Pwr Elec. Ut. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT2	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	13.8
2015	5	59406	Mt. Olive Solar 1	IPP	Mt Olive Solar 1	NC	59645	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	5	59177	Pelna Engineering	IPP	Loy Farm Solar	NC	59406	SYS1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	5	59529	Robeson County Landfill	Commercial	Robeson County LFG to Energy	NC	59763	GEN02	1.0	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation	1.0
2015	5	22142	Santa Cruz Cogeneration Assoc	Commercial	Univ of Calif Santa Cruz Cogeneration	CA	50064	003	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation	4.4
2015	5	59183	Shafter Solar LLC	IPP	Shafter Solar LLC	CA	59408	1	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2015	5	59202	SolNCPower1, LLC	IPP	Two Mile Solar	NC	59427	TMS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	5	59199	SolNCPower2, LLC	IPP	GKS Solar	NC	59426	GKS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
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	(TS) Construction complete, but not yet in commercial operation	96.0
2015	5	17826	Springer Electric Coop, Inc	Electric Utility	Springer Solar 1	NM	59560	SPRG1	0.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	5	59350	Stagecoach Solar	IPP	Stagecoach Solar	NC	59604	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	5	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	2	165.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	165.0
2015	5	59457	Sun Harvest Solar, LLC	IPP	Sun Harvest Solar NDP1	CA	59687	NDP1	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2015	5	56641	Tonopah Solar Energy LLC	IPP	Crescent Dunes Solar Energy	NV	57275	TSE-1	110.0	Solar Thermal with Energy Storage	SUN	CP	(V) Under construction, more than 50 percent complete	125.0
2015	5	59349	Walters Solar (FLS 260)	IPP	Walters Solar (FLS 260)	NC	59603	FLS1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	5	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	5.0
2015	5	58661	sPower	IPP	Sterlington Greenworks LLC	NY	59275	STERG	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.3
2015	5	58661	sPower	IPP	Sutter Greenworks LLC	NY	59274	SUTTG	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	59353	AP North Lake I, LP	IPP	AP North Lake I, LP	CA	59610	APNL1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	6	221	Alaska Village Elec Coop, Inc	Electric Utility	Noatak	AK	57051	5A	0.5	Petroleum Liquids	JF	IC	(L) Regulatory approvals pending. Not under construction	0.5
2015	6	221	Alaska Village Elec Coop, Inc	Electric Utility	St. Michael	AK	57061	4	0.7	Petroleum Liquids	JF	IC	(TS) Construction complete, but not yet in commercial operation	0.7
2015	6	59476	BRE NC Solar, LLC	IPP	BRE	NC	59706	NB005	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	6	59251	Brigham Young Univ Idaho	Commercial	BYUI Central Energy Facility	ID	59496	ST601	4.6	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	5.6
2015	6	19856	City of Vineland - (NJ)	Electric Utility	Clayville	NJ	58235	1	63.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	73.0
2015	6	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB1	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete	4.7
2015	6	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB2	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete	4.7
2015	6	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB3	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete	4.7
2015	6	5906	EDF Renewable Services Inc	IPP	Catalina Solar 2, LLC	CA	59334	INV-1	18.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	18.0
2015	6	59276	ESA Four Oaks NC 1, LLC	IPP	4Oaks	NC	59534	4OAK5	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	59277	ESA Princeton NC, LLC	IPP	Princeton	NC	59533	PRCTN	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	59132	Faison Solar LLC	IPP	Faison Solar	NC	59333	FAIS1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	6	56615	First Solar Energy LLC	IPP	North Star Solar	CA	58713	NSTR	62.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	62.5
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	CTG1	183.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	235.0
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	STG2	126.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	126.0
2015	6	59433	Imperial Valley Solar Co (IVSC) 2, LLC	IPP	Imperial Valley Solar Co (IVSC) 2	CA	59657	IVSC2	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	6	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Tell City Solar Park	IN	59482	STELL	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2015	6	10071	Kauai Island Utility Cooperative	Electric Utility	KRS I Anahola Solar	HI	58639	ANAPV	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	12.0
2015	6	59354	LKL BLBD, LLC	IPP	LKL BLBD, LLC	FL	59611	LKLBB	6.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	6.0
2015	6	11208	Los Angeles Department of Water & Power	Electric Utility	Maclay Solar Project	CA	57308	1	2.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.2

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	Nameplate Capacity (MW)
2015	6	12411	Miami Dade Water & Sewer Dept	Commercial	Central District Wastewater Treat Plant	FL	54623	6	1.2	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation	1.2
2015	6	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS14	32.2	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	33.0
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR1	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR2	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR3	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR4	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR5	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	59279	Nitro Solar, LLC	IPP	Nitro Solar	NC	59501	NITRO	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	SLR1	2.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
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	232.0
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	232.0
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	339.2
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9A	122.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	122.0
2015	6	14395	Palm Springs City of	Commercial	Municipal Cogen Plant	CA	50674	GEN1A	1.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	1.2
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	51.0
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	30.0
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	(U) Under construction, less than or equal to 50 percent complete	99.0
2015	6	59589	Rockfish Solar LLC	IPP	Rockfish Solar LLC	MD	59811	GEN1	10.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.3
2015	6	59278	Sarah Solar, LLC	IPP	Sarah Solar	NC	59500	SARAH	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	17164	Sierra Pacific Industries Inc	Industrial	SPI Anderson 2	CA	59658	GEN1	27.2	Wood/Wood Waste Biomass	WDS	ST	(V) Under construction, more than 50 percent complete	30.2
2015	6	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	5.0
2015	6	58658	Sunlight Partners	IPP	Amethyst Solar	NC	58730	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Charlotte Solar	NC	58722	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	6	58658	Sunlight Partners	IPP	Ellana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	6	58658	Sunlight Partners	IPP	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Minnie Solar	NC	58740	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Sophie Solar	NC	58745	PV1	4.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.5
2015	6	18260	Surprise Valley Electrification	Electric Utility	Paisley Geothermal Generating Plant	OR	59382	SVEP1	1.8	Geothermal	GEO	ST	(TS) Construction complete, but not yet in commercial operation	3.7
2015	6	59519	TerraForm Solar XVII, LLC	IPP	RCS-Rutland VNM SREC II Project (MA)	MA	59777	1	2.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.6
2015	6	56918	University of California San Diego	Commercial	University of California San Diego	CA	57584	BS1	2.5	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	2.5
2015	6	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	5.0
2015	6	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	5.0
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	17	1.8	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	1.8
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	18	1.8	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	1.8
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	19	1.8	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	1.8
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	20	1.8	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	1.8
2015	6	58661	sPower	IPP	Hayworth Solar	CA	59009	PV1	27.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	27.0
2015	6	58661	sPower	IPP	Leavenworth Greenworks LLC	NY	59276	LEAVG	9.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	9.5
2015	6	58661	sPower	IPP	Redcrest Solar Farm	CA	58831	PV-1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	6	58661	sPower	IPP	SEPV Palmdale East	CA	59273	PALME	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2015	6	58661	sPower	IPP	Sierra Solar Greenworks	CA	59431	SSG1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	7	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	29.3
2015	7	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	35.0
2015	7	4161	Constellation Power Source Gen	IPP	Perryman	MD	1556	GT6	109.8	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	141.0
2015	7	59381	EE Kettleman California LLC	IPP	Kettleman Solar -Centaurus	CA	59633	KS	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	7	59155	First Wind O&M, LLC	IPP	Laho Solar Plant	UT	58602	LSP1	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2015	7	59155	First Wind O&M, LLC	IPP	Milford Flat Solar Plant	UT	58601	MFSP1	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2015	7	59155	First Wind O&M, LLC	IPP	Route 66 Wind Plant	TX	58681	RT661	150.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	150.0
2015	7	59304	Foxfire Farm, LLC	IPP	Foxfire Solar Farm	NC	59563	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	7	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Crawfordsville Solar Park	IN	59483	SCRAW	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	7	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK4	31.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	31.4
2015	7	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK8	36.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	36.5
2015	7	59321	Millikan Farm, LLC	IPP	Millikan Farm	NC	59576	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	7	57457	Newark Energy Center, 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	225.0
2015	7	57457	Newark Energy Center, 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	225.0
2015	7	57457	Newark Energy Center, 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	285.0
2015	7	17609	Southern California Edison Co	Electric Utility	Tehachapi Energy Storage Project	CA	59661	TSP1	8.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	8.0
2015	7	59340	Stikeleather Farm, LLC	IPP	Stikeleather Farm	NC	59595	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	7	58658	Sunlight Partners	IPP	Melinda Solar	NC	59502	PV3	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	7	58658	Sunlight Partners	IPP	Porter Solar	NC	59504	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	7	59332	Yadkin 601 Farm, LLC	IPP	Yadkin 601 Farm	NC	59587	PV1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	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	29.3
2015	8	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	29.3
2015	8	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG1	22.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	22.0
2015	8	803	Arizona Public Service Co	Electric Utility	SR85	AZ	59444	PV1	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2015	8	58770	Balko Wind LLC	IPP	Balko Wind LLC	OK	58900	BAL1	299.7	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	299.7
2015	8	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	3.2
2015	8	59206	Downs Farm Solar, LLC	IPP	Downs Farm Solar	NC	59429	DOWN1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	8	5906	EDP Renewable Services Inc	IPP	Pilot Hill Wind Farm	IL	58898	K4-1	175.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	175.0
2015	8	59155	First Wind O&M, LLC	IPP	Beryl Solar Plant	UT	58598	BSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Buckhorn Solar Plant	UT	58600	BSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Cedar Valley Solar Plant	UT	58599	CVSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Granite Peak Solar Plant	UT	58604	GPSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Greenville Solar Plant	UT	58603	GVSP1	2.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.2
2015	8	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Peru Solar Park	IN	59481	SPERU	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG1	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	173.0
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG2	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	173.0
2015	8	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN3	1.0	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	8	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN4	0.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	8	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN1	4.3	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete	4.3
2015	8	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN2	4.3	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete	4.3
2015	8	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN3	4.3	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete	4.3
2015	8	58638	NGP Lenape Solar II, LLC	IPP	Lenape II	IN	58703	1	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG1	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG10	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG2	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG3	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG4	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG5	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG6	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG7	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG8	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG9	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	59222	Qualcomm Incorporated	Commercial	P Plant	CA	59456	P-TG5	4.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	4.6
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	204.0
2015	8	59560	SunE Solar XVII Project 1, LLC	IPP	Fiddler's Canyon #1	UT	59787	FID3	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59561	SunE Solar XVII Project 2, LLC	IPP	Fiddler's Canyon #2	UT	59786	FID2	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	24211	Tucson Electric Power Co	Electric Utility	Fort Huachuca Solar PV Project	AZ	58972	FHUA2	4.1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.1
2015	8	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH5	0.5	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	0.5
2015	8	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH6	0.5	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	0.5
2015	8	58716	Windsor Cooper Hill Solar, LLC	IPP	Windsor Cooper Hill Solar, LLC	NC	58847	1	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2015	8	58661	sPower	IPP	Woodmere Solar Farm	CA	59008	PV1	15.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	15.0
2015	9	59211	Adelanto I Solar, LLC	IPP	Adelanto I Solar, LLC	CA	59441	SAS	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	9	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG2	22.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	22.0
2015	9	58981	Bethel Solar LLC	IPP	Bethel Solar	NC	59173	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	9	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	0.2
2015	9	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	0.2
2015	9	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	0.2
2015	9	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	0.2
2015	9	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	0.2
2015	9	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	0.2
2015	9	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	0.2

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	Nameplate Capacity (MW)
2015	9	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	0.2
2015	9	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	0.2
2015	9	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	0.2
2015	9	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	0.2
2015	9	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	0.2
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN1	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN10	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN11	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN12	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN2	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN3	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN4	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN5	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN6	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN7	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN8	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN9	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	9	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	35.0
2015	9	57365	Consolidated Edison Solutions Inc	IPP	Future Generation Wind	MA	59622	FGMA	7.9	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	8.0
2015	9	57389	IKEA Property Inc	Commercial	IKEA St. Louis 410	MO	59714	IK410	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
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	20.0
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	15.0
2015	9	58985	Marion Solar LLC	IPP	Belmont	IN	59172	PV1	3.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.8
2015	9	58985	Marion Solar LLC	IPP	Marion Solar LNG	IN	59180	PV1	1.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.5
2015	9	56990	NJR Clean Energy Ventures Corporation	IPP	Alexander Wind Farm LLC	KS	58666	1	48.3	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	48.2
2015	9	56990	NJR Clean Energy Ventures Corporation	IPP	Hanover	NJ	59628	HNOVR	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	9	56990	NJR Clean Energy Ventures Corporation	IPP	Harmony	NJ	59627	HRMNY	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	9	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	20.0
2015	9	15477	Public Service Elec & Gas Co	Electric Utility	L&D Landfill Solar	NJ	59601	L&D	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58565	Saddleback Ridge Wind, LLC	IPP	Saddleback Ridge Wind Farm	ME	58608	SRW1	34.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	34.2
2015	9	59598	Tooele Army Depot	IPP	Tooele Wind Turbine	UT	59817	GEN03	1.7	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.7
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	1.6
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	1.6
2015	10	221	Alaska Village Elec Coop, Inc	Electric Utility	Hooper Bay	AK	6319	5A	0.8	Petroleum Liquids	DFO	IC	(P) Planned for installation, but regulatory approvals not initiated	0.8
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN 6	40.0	Wood/Wood Waste Biomass	BLQ	ST	(U) Under construction, less than or equal to 50 percent complete	40.0
2015	10	59382	Border Winds Energy, LLC	Electric Utility	Border Winds Wind Farm	ND	59200	1	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	10	59503	Capital Dynamics	IPP	Briscoe Wind Farm	TX	59734	BFW	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	10	59503	Capital Dynamics	IPP	Green Pastures Wind II	TX	59733	GPII	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	10	58970	Ecoplexus, Inc	IPP	Baker PV 1	NC	59517	BAKE1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	58970	Ecoplexus, Inc	IPP	Benthall Bridge PV 1	NC	59515	BENT1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	58970	Ecoplexus, Inc	IPP	Bradley PV1	NC	59154	BRAD1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	10	58970	Ecoplexus, Inc	IPP	Little River PV 1	NC	59521	LTLRV	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	10	58970	Ecoplexus, Inc	IPP	Manning PV 1	NC	59520	MANN	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	10	58970	Ecoplexus, Inc	IPP	Old Catawba PV 1	NC	59519	OLDC	3.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.5
2015	10	58970	Ecoplexus, Inc	IPP	Shawboro PV1	NC	59155	SHAW1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	10	58970	Ecoplexus, Inc	IPP	Thornton PV1	NC	59152	THOR1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	10	58523	Enerdyne Power Systems Inc	IPP	Onslow Energy	NC	59036	GEN 1	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	10	59155	First Wind O&M, LLC	IPP	Oakfield Wind Project	ME	57002	1	148.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	148.0
2015	10	11208	Los Angeles Department of Water & Power	IPP	Colon PV	CA	59798	W4172	1.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.3
2015	10	26253	Louisiana Energy & Power Authority	Electric Utility	LEPA Unit No. 1	LA	58478	LEPA1	59.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	64.0
2015	10	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK5	31.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	31.4
2015	10	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK6	26.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	26.9
2015	10	12341	MidAmerican Energy Co	Electric Utility	Adams Wind	IA	59637	ADWF	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	153.4
2015	10	59325	North Siler Farm, LLC	IPP	North Siler Farm	NC	59580	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	59143	Old Mill Solar	IPP	Old Mill Solar	OR	59374	OMSLR	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	10	58589	Ortel Energy Charlotte	IPP	Ortel Energy Charlotte	NC	58639	1	5.2	Other Waste Biomass	OBG	ST	(U) Under construction, less than or equal to 50 percent complete	5.2
2015	10	56545	Pattern Operators LP	IPP	Logans Gap Wind LLC	TX	59442	1	200.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.1
2015	10	59383	Pleasant Valley Wind, LLC	Electric Utility	Pleasant Valley Wind Farm	MN	59201	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	10	59336	Schell Solar Farm, LLC	IPP	Schell Solar Farm	NC	59591	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	58814	Sibley Wind Substation LLC	IPP	Sibley Wind	MN	58950	SW-1	19.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	19.5
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	150.0
2015	10	58661	sPower	IPP	Eden Solar LLC	NC	59778	EDEN5	47.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	47.7
2015	11	57369	Apple, Inc	Commercial	Apple Data Center PV3	NC	59474	DCPV3	17.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	17.5
2015	11	59480	Aulander Solar LLC	IPP	Aulander Solar	NC	59707	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	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	80.0
2015	11	58508	Carolina Solar Energy II LLC	IPP	Green Farm	NC	59148	GREEN	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	58508	Carolina Solar Energy II LLC	IPP	Simons Farm	NC	59149	SIMON	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	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	35.0
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	3.6
2015	11	58468	Dominion Renewable Energy	IPP	Pavant Solar, LLC	UT	59702	1	50.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0
2015	11	3046	Duke Energy Progress - (NC)	IPP	DD Fayetteville Solar NC LLC	NC	59117	PV1	23.1	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	23.1
2015	11	5906	EDF Renewable Services Inc	IPP	Roosevelt County	NM	58771	GEN1	250.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	250.0
2015	11	59380	Enel Green Power NA, Inc.	IPP	Goodwell Wind Project LLC	OK	58898	GWWP	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	11	58962	Fair Wind Power Partners	IPP	Fair Wind Power	MD	59147	1	30.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	30.0
2015	11	59155	First Wind O&M, LLC	IPP	South Plains Wind Phase I	TX	59384	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	11	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Pendleton Solar Park	IN	59770	SPEND	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2015	11	58891	Jericho Power LLC	IPP	Jericho Power	NH	59070	WT 1	12.1	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	14.2
2015	11	59227	Kay Wind LLC	IPP	Kay Wind, LLC	OK	59460	KNG1	299.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	299.0
2015	11	59394	NextEra Energy Resources Breckinridge	IPP	Breckinridge Wind Project LLC	OK	58994	BWP	98.8	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	98.8
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	59274	SR Hazlehurst, LLC	IPP	SR Hazlehurst	GA	59535	HAZLE	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	11	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	0.5
2015	11	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	0.5
2015	11	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	0.5
2015	11	58984	Winton Solar LLC	IPP	Winton Solar	NC	59177	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	58982	Woodland Solar LLC	IPP	Woodland Solar	NC	59175	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	58661	sPower	IPP	SEPV 18	CA	59730	SPV18	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2015	12	58703	Apple One LLC	IPP	Apple One	NC	58828	PV3	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59039	Arbuckle Mountain Wind Farm LLC	IPP	Arbuckle Mountain Wind Farm LLC	OK	59234	GEN1	100.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	100.0
2015	12	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	0.5
2015	12	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	0.5
2015	12	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	0.5
2015	12	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	0.5
2015	12	58680	Ayrshire Holdings, LLC	IPP	Ayrshire	NC	58792	PV1	19.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	19.4
2015	12	59247	Bearford Solar II LLC	IPP	Bearford Solar II	NC	59488	BEARF	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
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	5.0
2015	12	59315	Bradley Farm LLC	IPP	Bradley Farm	NC	59568	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	57260	CSOLAR IV West LLC	IPP	Imperial Solar Energy Center West	CA	57491	56819	148.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	148.7
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	5.0
2015	12	58939	Cameron Wind 1 LLC	IPP	Cameron Wind 1 LLC	TX	59118	CAM1	164.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	164.0
2015	12	59427	Campbell County Wind Farm	IPP	Campbell County Wind Farm	SD	59655	CCWF1	97.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	97.8
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	5.0
2015	12	59261	Colonial Eagle Solar, LLC	IPP	Kelford	NC	59527	KELF1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	59261	Colonial Eagle Solar, LLC	IPP	Whitakers	NC	59526	WHIT1	12.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	12.0

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	Nameplate Capacity (MW)
2015	12	58695	Coronal Development Services	IPP	Cornwall Solar Center, LLC	NC	59663	CSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Harrell's Hill Solar Center LLC	NC	59337	HHS1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Highland Solar Center LLC	NC	59163	HSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Holdrege Solar Center	NE	59713	HDSC	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58695	Coronal Development Services	IPP	Lake Solar Center LLC	NC	59161	LSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Littlefield Solar Center LLC	NC	58809	LSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Mariposa Solar Center LLC	NC	59162	MSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Mason Solar Center LLC	NC	59165	MSC 1	15.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	15.3
2015	12	59464	Current Energy Group	IPP	Aspen Solar, LLC	NC	59694	GEN1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	59464	Current Energy Group	IPP	Sweetgum Solar	NC	59824	5732	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	3046	Duke Energy Progress - (NC)	IPP	Elm City Solar Facility	NC	59164	NSC 1	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	40.0
2015	12	58970	Ecoplexus, Inc	IPP	American Legion PV 1	NC	59516	AMLEG	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	58970	Ecoplexus, Inc	IPP	Flat Meeks PV 1	NC	59514	FLAT1	3.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.4
2015	12	58970	Ecoplexus, Inc	IPP	Grandy PV 1	NC	59518	GRAND	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	57414	Eli Lilly and Company	Industrial	Lilly Technical Center	IN	58043	5	1.0	All Other	PUR	ST	(OT) Other	1.0
2015	12	59380	Enel Green Power NA, Inc.	IPP	Little Elk Wind Project LLC	OK	58999	LEWP	74.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	74.0
2015	12	59380	Enel Green Power NA, Inc.	IPP	Odell Wind Farm	MN	58657	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
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	5.0
2015	12	56625	Flat Water Wind Farm LLC	IPP	Flat Water Wind Farm LLC	NE	57283	WTG2	10.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	10.5
2015	12	59481	Franklinton Solar LLC	IPP	Franklinton Solar	NC	59708	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59602	Garland Farm LLC	IPP	Garland Farm	NC	59209	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59402	Garysburg Solar LLC	IPP	Garysburg Solar	NC	59641	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59403	Gaston Solar LLC	IPP	Gaston Solar	NC	59642	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59008	Guersney Holdings LLC	IPP	Guernsey Holdings	NC	59214	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP1	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete	2.5
2015	12	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP2	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete	2.5
2015	12	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP3	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete	2.5
2015	12	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP4	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete	2.5
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	5.0
2015	12	59246	Highwater Solar I	IPP	Highwater Solar I	NC	59487	HIGHW	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
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	5.0
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	20.0
2015	12	15399	Iberdrola Renewables Inc	IPP	El Cabo Wind	NM	58098	1	298.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	298.0
2015	12	59285	Innovative Solar 6, LLC	IPP	Innovative Solar 6	NC	59542	IS6	3.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.6
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	5.0
2015	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	3.0
2015	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	3.0
2015	12	58773	Kingfisher Wind LLC	IPP	Kingfisher Wind LLC	OK	58902	KNG1	298.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	298.0
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	5.0
2015	12	59355	LKL Kingfisher, LLC	IPP	LKL Kingfisher, LLC	FL	59612	LKLKF	6.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	6.0
2015	12	59245	Lanier Solar	IPP	Lanier Solar	NC	59486	LANIE	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
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	5.0
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	4	212.2	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	212.2
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	5	118.9	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	118.9
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	6	89.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	89.0
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	7	89.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	89.0
2015	12	59343	Maricopa East Solar PV, LLC	IPP	Maricopa East Solar	CA	59609	MES	18.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	18.0
2015	12	59341	Maricopa West Solar PV, LLC	IPP	Maricopa West Solar	CA	59607	MWS	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	12	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF	502.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	502.0
2015	12	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF2	7.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	7.0
2015	12	59262	NRG Solar Oasis, LLC	IPP	NRG Solar Oasis LLC	CA	59528	OASIS	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
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	25.0
2015	12	57470	Noble Energy Systems, Inc.	IPP	Pea Patch Wind Farm	MD	58987	PEAP	50.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	50.0
2015	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	21.0
2015	12	58477	O2energies, Inc.	IPP	Gates Solar LLC	NC	58673	GATES	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58477	O2energies, Inc.	IPP	Montgomery Solar LLC	NC	58649	1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
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	(V) Under construction, more than 50 percent complete	435.0
2015	12	59016	Passadumkeag Windpark LLC	IPP	Passadumkeag Windpark LLC	ME	59222	Q357	39.9	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	39.9
2015	12	56545	Pattern Operators LP	IPP	Fowler Ridge IV Wind Farm LLC	IN	59547	1	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	12	59188	Pleasant Hill Wind Energy LLC	IPP	Pleasant Hill Wind Energy Project	TX	59417	WT1	20.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	20.0
2015	12	58109	President & Trustees of Williams College	Commercial	Williams College - Campus CHP	MA	58160	GEN3	1.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.2
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	185.3
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	185.3
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	255.0
2015	12	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0001	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	42.3
2015	12	59514	River Mountains Solar, LLC	IPP	River Mountains Solar	NV	59747	1	23.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	18.0
2015	12	59428	Sendero Wind Energy, LLC	IPP	Sendero Wind Energy	TX	59654	1	78.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	78.0
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	5.0
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	5.0
2015	12	59605	South Louisburg Solar LLC	IPP	South Louisburg Solar	NC	59825	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59318	Soy Solar LLC	IPP	Soy Solar	NC	59571	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Andrew Solar	NC	59497	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	5.0
2015	12	58658	Sunlight Partners	IPP	Beetle Solar	NC	59511	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
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	4.0
2015	12	58658	Sunlight Partners	IPP	Candace Solar	NC	59499	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Carol Jean Solar	NC	59017	GEN 1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58658	Sunlight Partners	IPP	Chei Solar	NC	58608	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Duck Solar	NC	58724	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	5.0
2015	12	58658	Sunlight Partners	IPP	Happy Solar	NC	59512	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58658	Sunlight Partners	IPP	Hawkins Solar	NC	58727	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Husky Solar	NC	59510	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Jacob Solar	NC	59503	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Kenneth Solar	NC	59507	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	12	58658	Sunlight Partners	IPP	Maverick Solar	NC	59016	GEN 1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	12	58658	Sunlight Partners	IPP	Murdock Solar	NC	59509	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58658	Sunlight Partners	IPP	Owen Solar	NC	58742	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Quincy Solar	NC	59506	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58658	Sunlight Partners	IPP	Shadow Solar	NC	58744	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	12	58658	Sunlight Partners	IPP	Star Solar	NC	58746	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Sun Devil Solar	NC	59505	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Tracy Solar	NC	59498	PV1	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2015	12	59569	TWE Aboskie Solar Project, LLC	IPP	Aboskie	NC	59795	FLS1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59570	TWE Kelford Solar Project, LLC	IPP	Kelford	NC	59796	FLS1	4.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	18454	Tampa Electric Co	Electric Utility	TIA Solar	FL	59769	1	1.6	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.6
2015	12	59412	Tarboro Solar LLC	IPP	Tarboro Solar	NC	59648	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	18642	Tennessee Valley Authority	Electric Utility	Watts Bar Nuclear Plant	TN	7722	2	1,122.0	Nuclear	NUC	ST	(V) Under construction, more than 50 percent complete	1,269.9
2015	12	59011	Tiburon Holdings	IPP	Tiburon Holdings	NC	59217	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	54906	Tradewind Energy, Inc.	IPP	Decatur County Solar Project	GA	59449	DCSP1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2015	12	54906	Tradewind Energy, Inc.	IPP	Decatur Parkway Solar Project, LLC	GA	59450	DPSP1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2015	12	54906	Tradewind Energy, Inc.	IPP	Drift Sand Wind Project LLC	OK	59065	WT1	109.8	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	109.8
2015	12	59056	Tri Global Energy, LLC	IPP	Fiber Winds	TX	59244	FIBE1	80.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	80.0
2015	12	58796	Trishe Wind Colorado	IPP	Trishe Wind Colorado	CO	58928	1	30.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	30.0
2015	12	56633	Trishe Wind Minnesota	IPP	Trishe Wind Minnesota	MN	57255	1	40.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	40.0
2015	12	58153	US Magnesium	Industrial	US Magnesium	UT	58191	GT4	24.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	30.0
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	(U) Under construction, less than or equal to 50 percent complete	80.0
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	1.5
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	1.5
2015	12	59105	WED Coventry One, LLC	IPP	WED Coventry 1	RI	59301	WEDC1	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
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	1.5
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	1.5
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	1.5

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	Nameplate Capacity (MW)
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	1.5
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	1.5
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	1.5
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	1.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-1	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-2	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-3	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-4	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-5	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-6	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-7	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-8	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-9	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV10	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	56948	Waverly Wind Farm LLC	IPP	Waverly Wind Farm LLC	KS	57614	GEN1	199.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	199.0
2015	12	58761	White Camp Solar LLC	IPP	White Camp Solar	TX	58888	WCAMP	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2015	12	59330	Wommack Farm, LLC	IPP	Wommack Farm	NC	59585	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58661	sPower	IPP	Aspiration G	CA	59737	ASPRG	9.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	9.0
2015	12	58661	sPower	IPP	Citizen B	CA	59738	CSB	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58661	sPower	IPP	Lancaster WAD B	CA	59739	LWADB	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58661	sPower	IPP	SEPV Mojave West	CA	59740	SPVMW	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	58661	sPower	IPP	Sandstone Solar	AZ	59634	SNDST	45.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	45.0
2016	1	59474	BQ Energy LLC	IPP	Steel Sun	NY	59705	SSUN2	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN01	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN02	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN03	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN04	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN05	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN06	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN07	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT001	240.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	240.0
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT002	240.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	240.0
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	ST001	315.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	315.0
2016	1	4180	Connecticut Mun Elec Engy Coop	Electric Utility	Subase Microgrid Project	CT	59701	SMP1	2.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	2.0
2016	1	4180	Connecticut Mun Elec Engy Coop	Electric Utility	Subase Microgrid Project	CT	59701	SMP2	2.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	2.0
2016	1	4180	Connecticut Mun Elec Engy Coop	Electric Utility	Subase Microgrid Project	CT	59701	SMP3	2.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	2.0
2016	1	4180	Connecticut Mun Elec Engy Coop	Electric Utility	Subase Microgrid Project	CT	59701	SMP4	2.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	2.0
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	180.0
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	7.2
2016	1	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	3.5
2016	1	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK7	41.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	41.9
2016	1	59322	Misenheimer Farm, LLC	IPP	Misenheimer Farm	NC	59577	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2016	1	59334	Rutherford Farm, LLC	IPP	Rutherford Farm	NC	59589	PV1	61.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	61.0
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	108.0
2016	2	58897	70SM lime LLC	IPP	Calipatria Solar Farm	CA	59088	GEN 1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	2	59259	Blackwell Solar Park, LLC	IPP	Blackwell Solar Park	CA	59524	FRBSP	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	2	58970	Ecoplexus, Inc	IPP	Meadows PV 1	NC	59513	MEAD1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	2	58815	KDC Solar RTC LLC	IPP	Delilah Road Landfill	NJ	58951	DRLS	9.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	9.0
2016	2	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	1	41.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	41.9
2016	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	10	9.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	11	9.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	12	9.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
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	(V) Under construction, more than 50 percent complete	435.0
2016	2	59491	Seville Solar One LLC	IPP	Seville 1	CA	59722	SEV1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	3	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	5.0
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
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	250.0
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	4.4
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	4.4
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	4.4
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	4.4
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	4.4
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	15.0
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	(V) Under construction, more than 50 percent complete	435.0
2016	3	59347	W Power LLC	IPP	Nicolls Solar PV Plant	CA	59600	GEN1	19.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	3	59347	W Power LLC	IPP	Tropico Solar PV Plant	CA	59599	GEN1	13.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	14.0
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG1	25.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	25.3
2016	4	772	Archer Daniels Midland Co	Industrial	Archer Daniels Midland Cedar Rapids	IA	10864	GEN7	35.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	38.5
2016	4	9267	Hoosier Energy R E C, Inc	IPP	Cabin Creek Renewable Energy Station	IN	59791	1	1.9	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.0
2016	4	9267	Hoosier Energy R E C, Inc	IPP	Cabin Creek Renewable Energy Station	IN	59791	2	1.9	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.0
2016	4	9267	Hoosier Energy R E C, Inc	IPP	Orchard Hills Renewable Energy Station	IL	59792	1	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	IPP	Orchard Hills Renewable Energy Station	IL	59792	2	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	IPP	Orchard Hills Renewable Energy Station	IL	59792	3	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	IPP	Orchard Hills Renewable Energy Station	IL	59792	4	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	IPP	Orchard Hills Renewable Energy Station	IL	59792	5	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	IPP	Orchard Hills Renewable Energy Station	IL	59792	6	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
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	250.0
2016	4	58849	Mariah North West LLC	IPP	Mariah Renewable Energy Center Phase 1	TX	59005	MAR1	232.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	232.0
2016	4	58850	Mariah South LLC	IPP	Mariah Renewable Energy Center Phase 2	TX	59007	MAR S	99.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2016	4	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	40.0
2016	4	58895	Marshall Wind Energy LLC	IPP	Marshall Wind Farm	KS	59084	RPMA	73.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	73.8
2016	4	58489	OCI Solar Power	IPP	OCI Alamo 5 LLC	TX	59205	OCIA5	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
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	102.0
2016	4	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 4	0.6	Conventional Steam Coal	BIT	ST	(T) Regulatory approvals received. Not under construction	3.5
2016	4	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 5	0.6	Conventional Steam Coal	BIT	ST	(T) Regulatory approvals received. Not under construction	3.5
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	18.7
2016	4	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	100.0
2016	4	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	150.0
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	75.0
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	100.0
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	75.0
2016	5	11208	Los Angeles Department of Water & Power	IPP	Foothill Solar Project	CA	59799	W4528	1.1	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.1
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	2.0

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	Nameplate Capacity (MW)
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT1	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT2	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT3	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT4	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK2	21.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	21.0
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	435.0
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN3	500.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	500.0
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN2	500.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	500.0
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	48.0
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	297.5
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	297.5
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	297.5
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	579.7
2016	6	221	Alaska Village Elec Coop, Inc	Electric Utility	Mountain Village	AK	6329	4A	0.8	Petroleum Liquids	DFO	IC	(P) Planned for installation, but regulatory approvals not initiated	0.8
2016	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG2	25.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	25.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	04	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2016	6	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	05	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	11	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	12	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	13	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	14	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	15	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	16	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	17	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	18	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	19	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	20	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	21	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	22	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
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	10.0
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG1	189.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	225.0
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	225.0
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	220.0
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	1.2
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	1.0
2016	6	3046	Duke Energy Progress - (NC)	IPP	Warsaw Farm	NC	58848	1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
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	250.0
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	382.5
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	208.3
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	208.3
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	382.5
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	208.3
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	208.3
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	51.0
2016	6	58692	Florey Knob LLC	IPP	Florey Knob	PA	58821	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
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	296.0
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	296.0
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	296.0
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	464.0
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	5.0
2016	6	25438	Friant Power Authority	IPP	Friant Hydro Facility	CA	50393	RO2	9.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	6.9
2016	6	58409	Future Power PA	IPP	Good Spring NGCC Facility	PA	58409	HRSG1	108.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	108.0
2016	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	1.6
2016	6	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	4.4
2016	6	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	4.4
2016	6	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	4.4
2016	6	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	4.4
2016	6	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	4.4
2016	6	59440	Innovative Solar 23, LLC	IPP	Innovative Solar 23	NC	59670	IS023	1.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.9
2016	6	59442	Innovative Solar 33, LLC	IPP	Innovative Solar 33	NC	59672	IS033	30.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.5
2016	6	59443	Innovative Solar 34, LLC	IPP	Innovative Solar 34	NC	59673	IS034	47.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	47.7
2016	6	59435	Innovative Solar 37, LLC	IPP	Innovative Solar 37	NC	59665	IS037	78.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	78.7
2016	6	59444	Innovative Solar 38, LLC	IPP	Innovative Solar 38	NC	59674	IS038	34.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	34.0
2016	6	59445	Innovative Solar 44, LLC	IPP	Innovative Solar 44	NC	59675	IS044	4.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.9
2016	6	59441	Innovative Solar 46, LLC	IPP	Innovative Solar 46	NC	59671	IS046	78.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	78.5
2016	6	59436	Innovative Solar 47, LLC	IPP	Innovative Solar 47	NC	59666	IS047	33.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2016	6	59437	Innovative Solar 48, LLC	IPP	Innovative Solar 48	NC	59667	IS048	4.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.9
2016	6	59438	Innovative Solar 53, LLC	IPP	Innovative Solar 53	NC	59668	IS053	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	40.0
2016	6	59439	Innovative Solar 54, LLC	IPP	Innovative Solar 54	NC	59669	IS054	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	6	59446	Innovative Solar 55, LLC	IPP	Innovative Solar 55	NC	59676	IS044	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	6	59447	Innovative Solar 64, LLC	IPP	Innovative Solar 64	NC	59677	IS064	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.9
2016	6	59448	Innovative Solar 67, LLC	IPP	Innovative Solar 67	NC	59678	IS067	33.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	13.3
2016	6	59449	Innovative Solar 68, LLC	IPP	Innovative Solar 68	NC	59679	IS068	48.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	48.3
2016	6	59450	Innovative Solar 71, LLC	IPP	Innovative Solar 71	NC	59680	IS071	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	6	59451	Innovative Solar 72, LLC	IPP	Innovative Solar 72	NC	59681	IS072	33.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	33.5
2016	6	59401	Jamesville Solar LLC	IPP	Jamesville Solar	NC	59640	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	10.0
2016	6	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK3	19.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	19.0
2016	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR6	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	71.2
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	20.0
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	122.0
2016	6	59404	Seaboard Solar LLC	IPP	Seaboard Solar LLC	NC	59643	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	6	59492	Seville Solar Two LLC	IPP	Seville 2	CA	59723	SEV2	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
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	670.0
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Stillwater Energy Center	OK	59647	1	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Stillwater Energy Center	OK	59647	2	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Stillwater Energy Center	OK	59647	3	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2016	6	59405	Weldon Solar LLC	IPP	Weldon Solar	NC	59644	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	5.0
2016	7	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG3	25.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	25.3
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
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	299.5
2016	7	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	400.0
2016	7	11208	Los Angeles Department of Water & Power	Electric Utility	Van Norman Bypass Solar Project	CA	57307	1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2016	7	59342	Maricopa West Solar PV 2, LLC	IPP	Maricopa West Solar 2	CA	59608	MWS2	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
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	110.0
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	40.0
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	12.5
2016	7	19876	Virginia Electric & Power Co	Electric Utility	Remington Solar Facility	VA	59685	01	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	7	58661	sPower	IPP	Hecate Energy Beacon Solar 1	CA	59315	BEAC1	56.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	56.0
2016	7	58661	sPower	IPP	Hecate Energy Beacon Solar 3	CA	59316	BEAC3	56.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	56.0
2016	7	58661	sPower	IPP	Hecate Energy Beacon Solar 4	CA	59317	BEAC4	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	8	59273	62SK Bme, LLC	IPP	Springbok Solar Farm 1	CA	59532	SB1	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
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	6.5
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	100.0

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	Nameplate Capacity (MW)
2016	8	59253	Oregon Windfarms, LLC	IPP	Benson Creek Windfarm	OR	59491	BCW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Durbin Creek Windfarm	OR	59492	DCW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Jett Creek Windfarm	OR	59490	JCW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Prospector Windfarm	OR	59493	PW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Willow Spring Windfarm	OR	59494	WSW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	9	55918	Acciona Wind Energy USA LLC	IPP	San Roman Wind I, LLC	TX	59712	SRWI	93.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	93.0
2016	9	213	Alaska Electric Light&Power Co	IPP	Industrial Plant	AK	59793	15	25.0	Petroleum Liquids	DFO	GT	(L) Regulatory approvals pending. Not under construction	25.0
2016	9	59520	BWC Originators 5, LLC	IPP	BlueWave Capital-Mattapoisett (SREC II)	MA	59753	1	0.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
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	150.0
2016	9	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	5.3
2016	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG1	97.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	107.0
2016	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG2	97.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	107.0
2016	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG3	97.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	107.0
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	100.0
2016	9	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	SS5	273.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	273.0
2016	9	58846	Southeast Renewable Fuels, LLC	Industrial	SRF Sorghum to Ethanol Advanced Biorefinery	FL	58987	G1001	12.0	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete	15.0
2016	9	58836	Sunwind Energy Solutions, LLLP	IPP	Sunwind Doyle Wind	KS	58976	SNWND	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2016	10	57369	Apple, Inc	Industrial	Apple Campus 2 Fuel Cell	CA	59557	AC2FC	4.0	Other Waste Biomass	OBG	FC	(L) Regulatory approvals pending. Not under construction	4.0
2016	10	57369	Apple, Inc	Industrial	Apple Campus 2 PV	CA	59473	AC2PV	14.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	14.4
2016	10	59594	Black Oak Wind Farm LLC	IPP	Black Oak Wind Farm	NY	59813	NA	16.1	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	16.1
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	161.0
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	20.0
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	80.0
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	80.0
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	80.0
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	80.0
2016	10	59258	Five Points Solar Park, LLC	IPP	Five Points Solar Park	CA	59523	FRFSP	60.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	60.0
2016	10	59257	Giffen Solar Park, LLC	IPP	Giffen Solar Park	CA	59522	FRGSP	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	10	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	3.0
2016	10	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	3.0
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	168.0
2016	10	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	3.0
2016	10	58887	Michelangelo Wind 3 LLC	IPP	Michelangelo Wind 3 LLC	IA	59053	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	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	3.0
2016	10	59025	Optimum Wind 3 LLC	IPP	Optimum Wind 3 LLC	IA	59227	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	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	3.0
2016	10	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	3.0
2016	10	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	3.0
2016	10	59019	Optimum Wind 7 LLC	IPP	Optimum Wind 7 LLC	IA	59225	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
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	60.0
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	652.0
2016	10	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	3.0
2016	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	2.0
2016	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	2.0
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	80.0
2016	10	59260	Wright Solar Park, LLC	IPP	Wright Solar Park	CA	59525	FRWSP	200.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	200.0
2016	10	58661	sPower	IPP	Con Dios Solar 11	CA	59264	CON11	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2016	10	58661	sPower	IPP	Con Dios Solar 3	CA	59263	CON03	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2016	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	22.8
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	53.1
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	53.1
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	43.2
2016	11	59595	Copper Mountain Solar 4, LLC	IPP	Copper Mountain Solar 4, LLC	NV	59814	PV01	46.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	46.0
2016	11	59595	Copper Mountain Solar 4, LLC	IPP	Copper Mountain Solar 4, LLC	NV	59814	PV02	46.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	46.0
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	21.0
2016	11	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	240.0
2016	12	59272	41MB Bme, LLC	IPP	Borden Solar Farm	CA	59531	BRDN	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	12	59482	Ameresco Tempe	IPP	St. Paul Intl Airport Red & Blue Parking	MN	59709	PV1	2.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.3
2016	12	58794	American Wind Energy Management Corp.	IPP	Sangamon Wind One LLC	IL	58925	SAN1	30.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	30.0
2016	12	58794	American Wind Energy Management Corp.	IPP	Sangamon Wind Two LLC	IL	58926	SAN2	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2016	12	58794	American Wind Energy Management Corp.	IPP	Sugar Creek Wind One LLC	IL	58924	SUG1	175.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	175.0
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	127.0
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN1	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN2	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN3	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN4	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN5	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58625	Black Oak Wind, LLC	IPP	Black Oak Wind Farm	MN	58692	1	78.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	78.0
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	350.0
2016	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	76.5
2016	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	76.5
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	5.0
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	19.5
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	79.9
2016	12	58695	Coronal Development Services	IPP	Fusion Solar Center LLC	CT	58876	PV	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	12	58695	Coronal Development Services	IPP	Gulf Coast Solar Center I	FL	59689	GCSC1	30.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.0
2016	12	58695	Coronal Development Services	IPP	Gulf Coast Solar Center II	FL	59690	GCSC2	40.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	40.0
2016	12	58695	Coronal Development Services	IPP	Gulf Coast Solar Center III	FL	59691	GCSC3	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2016	12	59319	Cotton Solar, LLC	IPP	Cotton Solar	SC	59572	PV1	16.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	16.0
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	30.0
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	65.0
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	65.0
2016	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	200.0
2016	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	188.0
2016	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	230.0
2016	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	200.0
2016	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	200.0
2016	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	351.0
2016	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	104.4
2016	12	59380	Enel Green Power NA, Inc.	IPP	Apple Blossom Wind Farm	MI	58690	APLB1	100.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	100.0
2016	12	59380	Enel Green Power NA, Inc.	IPP	Courtenay Wind Farm	ND	58658	1	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	200.0
2016	12	59380	Enel Green Power NA, Inc.	IPP	Lindahl Wind Project, LLC	ND	59684	LWP01	1.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	150.0
2016	12	59380	Enel Green Power NA, Inc.	IPP	Mustang Run Wind Project LLC	OK	59000	MRWP	136.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	136.0
2016	12	59380	Enel Green Power NA, Inc.	IPP	South Fork Wind Farm	MN	58691	STFK1	13.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	13.0
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	72.5
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	125.0
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	126.0
2016	12	58672	Everpower Wind Holdings Inc	IPP	Horse Thief Wind Project, LLC	MT	59758	1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
2016	12	58672	Everpower Wind Holdings Inc	IPP	Mud Springs Wind Project, LLC	MT	59756	1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
2016	12	58672	Everpower Wind Holdings Inc	IPP	Pryor Caves Wind Project, LLC	MT	59757	1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
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	300.0
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	49.0
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	100.0
2016	12	59155	First Wind O&M, LLC	IPP	Millani South PV	HI	58281	1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	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	131.1
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	400.0
2016	12	56946	Hidalgo Wind Farm LLC	IPP	Hidalgo Wind Farm LLC	TX	57617	GEN1	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2016	12	57278	Hidden Hills Solar II LLC	IPP	Hidden Hills Solar Plant 2	CA	57906	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction	250.0

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	Nameplate Capacity (MW)
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	143.0
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	40.0
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	25.0
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	20.0
2016	12	58688	Kelly Energy LLC	IPP	Kelly	PA	58817	GEN1	3.0	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	3.3
2016	12	58688	Kelly Energy LLC	IPP	Kelly	PA	58817	GEN2	3.0	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	3.3
2016	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	5.0
2016	12	59316	Laurinburg Industrial Solar LLC	IPP	Laurinburg Industrial Solar	SC	59569	PV1	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
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	50.0
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	30.0
2016	12	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	1.0
2016	12	55983	Luminant Generation Company LLC	IPP	Horseshoe Bend	TX	59806	SOLAR	140.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2016	12	59469	Mountain Home Solar, LLC	IPP	Mountain Home Solar	ID	59695	MHPV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
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	273.4
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	125.0
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	125.0
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	125.0
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	110.0
2016	12	56935	Number Nine Wind Farm LLC	IPP	Number Nine Wind Farm	ME	57612	GEN1	250.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	250.0
2016	12	56676	Panoche Valley Solar LLC	IPP	Panoche Valley Solar Farm	CA	57340	1	247.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	247.7
2016	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	75.0
2016	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	187.2
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	95.0
2016	12	59608	Playa Solar LLC	IPP	Playa Solar	NV	59827	GEN01	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2016	12	59470	Pocatello Solar 1, LLC	IPP	Pocatello Solar	ID	59696	PAPV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	59010	Rhubarb One LLC	IPP	Rhubarb One SC	SC	59596	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
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	200.0
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN1	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN2	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN3	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN4	4.4	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN5	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
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	10.0
2016	12	57331	Soitec Solar Development LLC	IPP	LanEast Solar Farm LLC	CA	57957	1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	57331	Soitec Solar Development LLC	IPP	LanWest Solar Farm LLC	CA	57958	1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	12	57331	Soitec Solar Development LLC	IPP	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	12	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	45.0
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	4.0
2016	12	58860	Southbridge Recycling and Disposal Park, Inc	IPP	Southbridge Landfill Gas-to-Energy	MA	59011	CAT2	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2016	12	59607	Sunshine Valley Solar LLC	IPP	Sunshine Valley Solar	NV	59826	GEN01	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2016	12	59317	Topsek LLC	IPP	Topsek	NC	59570	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	59056	Tri Global Energy, LLC	IPP	Changing Winds	TX	59243	CHAN1	288.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	288.0
2016	12	59056	Tri Global Energy, LLC	IPP	Fluvanna	TX	59245	FLUV1	240.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	240.0
2016	12	59056	Tri Global Energy, LLC	IPP	Goodnight	TX	59246	GOOD1	240.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	240.0
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	240.0
2016	12	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS50	49.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	49.9
2016	12	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	15.0
2016	12	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS52	14.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	14.9
2016	12	19316	Two Elk Generation Partners LP	IPP	Two Elk Generating Station	WY	55360	GEN1	275.0	Conventional Steam Coal	WC	ST	(U) Under construction, less than or equal to 50 percent complete	320.0
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	210.0
2017	1	59308	Bearford Farm, LLC	IPP	Bearford Farm Solar Project	NC	59567	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
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	172.0
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	172.0
2017	1	3892	City of Coffeyville - (KS)	Electric Utility	CML&P Generating Facility No. 2	KS	59726	10	18.7	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2017	1	3892	City of Coffeyville - (KS)	Electric Utility	CML&P Generating Facility No. 2	KS	59726	8	18.7	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2017	1	3892	City of Coffeyville - (KS)	Electric Utility	CML&P Generating Facility No. 2	KS	59726	9	18.7	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
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	8.9
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	8.9
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	8.9
2017	1	59306	Keen Farm, LLC	IPP	Keen Farm	NC	59565	PV3	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2017	1	59320	Manway Solar, LLC	IPP	Manway Solar Farm	NC	59575	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59323	Monroe Moore Farm, LLC	IPP	Monroe Moore Farm	NC	59578	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59333	Pit 64 Farm, LLC	IPP	Pit 64	NC	59588	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2017	1	59335	Sandy Ridge Solar Farm, LLC	IPP	Sandy Ridge Solar Farm	NC	59590	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59337	Sedberry Farm, LLC	IPP	Sedberry Farm	NC	59592	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59338	Spring Valley Farm 2, LLC	IPP	Spring Valley Farm 2, LLC	NC	59593	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59339	Spring Valley Farm, LLC	IPP	Spring Valley Farm	NC	59594	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	463.0
2017	1	59328	Tart Farm, LLC	IPP	Tart Farm	NC	59583	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	200.0
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	200.0
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	255.0
2017	1	59329	Wellons Farm, LLC	IPP	Wellons Farm	NC	59584	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59331	Woodland Church Farm, LLC	IPP	Woodland Church Farm	NC	59586	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	215.0
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	215.0
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	316.0
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	3.0
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	1.3
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	1.7
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	186.0
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	207.9
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	1,100.0
2017	3	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	12.0
2017	3	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	9.0
2017	4	59429	Comanche LLC	IPP	Comanche Solar	CO	59656	COMCH	120.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	120.0
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	170.0
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	170.0
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	390.0
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3CT	324.6	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	365.5
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3ST	191.8	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	204.0
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	232.0
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	338.0
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	GT1	207.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	207.0
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	GT2	207.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	207.0
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	STG1	230.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	230.0
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CTG3	209.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.7
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CTG2	209.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.7
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	STG1	238.8	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	260.5
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	99.5
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	100.0
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	200.0
2017	5	6035	Exelon Power	IPP	Wolf Hollow II	TX	59812	CGT3	318.5	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	360.0
2017	5	6035	Exelon Power	IPP	Wolf Hollow II	TX	59812	CGT4	318.5	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	360.0
2017	5	6035	Exelon Power	IPP	Wolf Hollow II	TX	59812	ST6	485.2	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	501.3
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	232.0
2017	5	59101	NTE Texas, LLC	IPP	Pecan Creek Energy Center	TX	59298	PCEC1	230.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	285.0
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	310.3
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	310.3
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	493.0
2017	6	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	CT08	37.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	40.0
2017	6	56608	Calpine Mid-Merit LLC	IPP	York Energy Center	PA	55524	CTG5	230.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	230.0

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	Nameplate Capacity (MW)
2017	6	56608	Calpine Mid-Merit LLC	IPP	York Energy Center	PA	55524	CTG6	230.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	230.0
2017	6	56608	Calpine Mid-Merit LLC	IPP	York Energy Center	PA	55524	STG2	414.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	414.0
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	97.0
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	340.0
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	340.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Clear Springs Energy Center	TX	59615	CTG-1	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Clear Springs Energy Center	TX	59615	CTG-2	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Clear Springs Energy Center	TX	59615	CTG-3	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Union Valley Energy Center	TX	59616	CTG-1	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Union Valley Energy Center	TX	59616	CTG-2	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Union Valley Energy Center	TX	59616	CTG-3	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Van Alstyne Energy Center	TX	59617	CTG-1	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Van Alstyne Energy Center	TX	59617	CTG-2	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Van Alstyne Energy Center	TX	59617	CTG-3	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59534	Oregon Clean Energy Center	IPP	Oregon Clean Energy Center	OH	59764	CTG11	256.5	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	328.0
2017	6	59534	Oregon Clean Energy Center	IPP	Oregon Clean Energy Center	OH	59764	CTG12	256.5	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	328.0
2017	6	59534	Oregon Clean Energy Center	IPP	Oregon Clean Energy Center	OH	59764	STG10	334.6	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	404.0
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	122.0
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	281.0
2017	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	170.0
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	1.6
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	782.0
2017	7	58409	Future Power PA	IPP	Good Spring NGCC Facility	PA	58409	GT1	335.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	346.0
2017	7	59362	Jericho Rise Wind Farm LLC	IPP	Jericho Rise Wind Farm LLC	NY	59629	GEN1	77.7	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	77.7
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	100.0
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	3.0
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	3.0
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	3.0
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	3.0
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	3.0
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	3.0
2017	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	42.0
2017	9	19876	Virginia Electric & Power Co	Electric Utility	VA Offshore Wind Project (VOWTAP)	VA	59093	OSW1	12.0	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	12.0
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	34.0
2017	10	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	LEFT	0.9	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.9
2017	10	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	RGHT	0.9	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.9
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	161.9
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	9.6
2017	12	219	Alaska Power and Telephone Co	Electric Utility	Reynolds Creek	AK	59037	GEN 1	5.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	5.0
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	161.9
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	172.0
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	172.0
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	181.0
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	181.0
2017	12	59541	Carroll County Energy LLC	Electric CHP	Carroll County Energy	OH	59773	CGT1	197.3	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	235.5
2017	12	59541	Carroll County Energy LLC	Electric CHP	Carroll County Energy	OH	59773	CGT2	197.3	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	235.5
2017	12	59541	Carroll County Energy LLC	Electric CHP	Carroll County Energy	OH	59773	SGT1	288.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	361.3
2017	12	59432	Clear Creek Power	IPP	Highland Park Project	CO	59659	HPWT	198.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	198.0
2017	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	200.0
2017	12	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	1,100.0
2017	12	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	170.0
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	200.0
2017	12	56941	Meadow Lake Wind Farm V LLC	IPP	Meadow Lake Wind Farm V LLC	IN	57628	GEN1	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2017	12	56094	Medicine Bow Fuel & Power LLC	IPP	Medicine Bow Fuel & Power LLC	WY	56452	1	350.0	Conventional Steam Coal	BIT	ST	(P) Planned for installation, but regulatory approvals not initiated	350.0
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	49.0
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	687.0
2017	12	56424	Quilt Block Wind Farm LLC	IPP	Quilt Block Wind Farm LLC	WI	57116	GEN 1	98.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	98.0
2018	1	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN8	1.6	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	1.6
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	70.0
2018	1	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	CTG2	186.5	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	235.0
2018	1	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	ST6	305.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	350.0
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	15.5
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	151.8
2018	1	59123	NTE Carolinas, LLC	IPP	Kings Mountain Energy Center	NC	59325	KMEC1	460.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	475.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT1	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT2	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT3	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT4	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT5	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT6	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT7	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	16534	Sacramento Municipal Util Dist	Electric Utility	White Rock/Slab Creek	CA	435	H3	2.6	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.6
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	161.9
2018	2	59434	Mattawoman Energy, LLC	IPP	Mattawoman Energy Center	MD	59662	CGT11	286.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	286.0
2018	2	59434	Mattawoman Energy, LLC	IPP	Mattawoman Energy Center	MD	59662	CGT12	286.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	286.0
2018	2	59434	Mattawoman Energy, LLC	IPP	Mattawoman Energy Center	MD	59662	STG11	436.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	436.0
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	161.9
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	70.0
2018	3	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	6-1	215.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	238.0
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	161.9
2018	4	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	1	27.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	18.2
2018	4	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	2	27.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	18.2
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	70.0
2018	5	59283	Gateway Energy Center, LLC	IPP	Gateway Energy Center, LLC	NJ	59538	CT001	442.8	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	440.0
2018	5	59490	Neches Station, LLC	IPP	Neches Station, LLC	TX	59716	CTG1	223.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	232.0
2018	5	59490	Neches Station, LLC	IPP	Neches Station, LLC	TX	59716	CTG2	223.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	232.0
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	1,100.0
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	210.0
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	1.5
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	1.5
2018	6	58409	Future Power PA	IPP	Good Spring NGCC Facility	PA	58409	ST1	108.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	108.0
2018	6	59588	Lake Creek 3 Power Company LLC	IPP	Lake Creek	TX	3502	CT1	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	235.5
2018	6	55983	Luminant Generation Company LLC	IPP	DeCordova Steam Electric Station	TX	8063	CT5	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	235.5
2018	6	55983	Luminant Generation Company LLC	IPP	DeCordova Steam Electric Station	TX	8063	CT6	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	235.5
2018	6	59487	Moundsville Power, LLC	IPP	Moundsville Power	WV	59720	MPCA1	224.9	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction	246.5
2018	6	59487	Moundsville Power, LLC	IPP	Moundsville Power	WV	59720	MPCT1	177.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	195.5
2018	6	59487	Moundsville Power, LLC	IPP	Moundsville Power	WV	59720	MPCT2	177.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	195.5
2018	6	59124	NTE Ohio LLC	IPP	Middletown Energy Center	OH	59326	MEC1	461.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	500.0
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	122.0
2018	6	59489	Perennial-Wind Chaser LLC	IPP	Perennial Wind Chaser Station	OR	59721	GT1	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	106.0
2018	6	59489	Perennial-Wind Chaser LLC	IPP	Perennial Wind Chaser Station	OR	59721	GT2	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	106.0
2018	6	59489	Perennial-Wind Chaser LLC	IPP	Perennial Wind Chaser Station	OR	59721	GT3	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	106.0
2018	6	59489	Perennial-Wind Chaser LLC	IPP	Perennial Wind Chaser Station	OR	59721	GT4	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	106.0
2018	6	54866	Robinson Power Company LLC	IPP	Robinson Power Company LLC	PA	56453	CTG1	699.2	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	732.6
2018	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	259.0
2018	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	259.0
2018	6	56883	Tradinghouse Power Company LLC	IPP	Tradinghouse	TX	3506	CT1	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	235.5
2018	6	56883	Tradinghouse Power Company LLC	IPP	Tradinghouse	TX	3506	CT2	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	235.5
2018	6	56927	Wallingford Energy LLC	IPP	Wallingford Energy	CT	55517	CTG6	45.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2018	6	56927	Wallingford Energy LLC	IPP	Wallingford Energy	CT	55517	CTG7	45.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	50.0
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	158.5
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	158.5
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	41.0

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	Nameplate Capacity (MW)
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	41.0
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	41.0
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	64.0
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	64.0
2018	7	54863	U S Power Generating Company LLC	IPP	Gowanus Gas Turbines Generating	NY	2494	S5	90.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	93.0
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	1.6
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	105.3
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	105.3
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	105.3
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	105.3
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	105.3
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	105.3
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	40.0
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	40.0
2018	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT1	197.3	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.3
2018	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT2	197.3	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.3
2018	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	ST	191.3	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	227.7
2018	12	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	1,100.0
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-1	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	64.5
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	64.5
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	64.5
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	64.5
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	64.5
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	64.5
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	51.0
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	51.0
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	5.0
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	813.0
2018	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	28.0
2018	12	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	17.0
2019	1	20856	Wisconsin Power & Light Co	IPP	Riverside Energy Center	WI	55641	CTG3	225.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	235.0
2019	1	20856	Wisconsin Power & Light Co	IPP	Riverside Energy Center	WI	55641	CTG4	225.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	235.0
2019	1	20856	Wisconsin Power & Light Co	IPP	Riverside Energy Center	WI	55641	STG2	250.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2019	2	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	900.0
2019	3	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	390.0
2019	3	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	390.0
2019	3	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	390.0
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	42.3
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	180.0
2019	6	7277	Calpine Corporation	IPP	Wild Horse Power Plant	CA	57181	1	40.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction	48.0
2019	6	55983	Luminant Generation Company LLC	Electric CHP	Eagle Mountain	TX	3489	CT1	224.9	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	235.5
2019	6	55983	Luminant Generation Company LLC	Electric CHP	Eagle Mountain	TX	3489	CT2	224.9	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	235.5
2019	6	55983	Luminant Generation Company LLC	IPP	Eagle Mountain	TX	3489	ST1	344.4	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	382.5
2019	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG01	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG02	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG03	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG04	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG05	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG06	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
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	421.0
2019	12	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	319.5
2019	12	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	319.5
2019	12	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	187.0
2019	12	28086	Energy Unlimited Inc	IPP	Painted Hills IV Wind	CA	56926	1	19.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	19.5
2019	12	56983	Gibson County Generation LLC	IPP	Gibson County Generation Station	TN	57709	1	371.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	432.0
2019	12	14354	PacifiCorp	Electric Utility	Blundell	UT	299	3	35.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	30.0
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	60.0
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	220.0
2020	9	7277	Calpine Corporation	IPP	Buckeye Geothermal Power Plant	CA	57180	1	49.9	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction	56.9
2020	10	5580	East Kentucky Power Coop, Inc	Electric Utility	Green Valley LFGTE	KY	56278	4	0.8	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	0.8
2020	12	7277	Calpine Corporation	IPP	Telephone Flat	CA	55846	1	42.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	49.9
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	8	209.5	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	209.5
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	9	209.5	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	108.8
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	750.0
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	850.0
2021	5	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	101.0
2021	5	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	101.0
2021	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS3	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
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	750.0
2022	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS4	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2022	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS5	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2022	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS6	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
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	200.0
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	100.0
2022	12	7277	Calpine Corporation	IPP	Four Mile Hill	CA	55845	1	42.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	49.9
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	50.0
2023	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS7	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2023	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS8	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2023	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS9	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0

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
2015	4	3522	Chugach Electric Assn Inc	Electric Utility	Beluga	AK	96	8	44.0	Natural Gas Fired Combined Cycle	NG	CA
2015	4	5109	DTE Electric Company	Electric Utility	Trenton Channel	MI	1745	8	17.0	Conventional Steam Coal	SUB	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	1	23.0	Conventional Steam Coal	BIT	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	2	23.0	Conventional Steam Coal	BIT	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Ashtabula	OH	2835	5	244.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	1	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	2	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	3	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Lake Shore	OH	2838	18	245.0	Conventional Steam Coal	SUB	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	1	266.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	3	509.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	4	507.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	McManus	GA	715	1	43.0	Petroleum Liquids	RFO	ST
2015	4	7140	Georgia Power Co	Electric Utility	McManus	GA	715	2	79.0	Petroleum Liquids	RFO	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	1	97.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	2	103.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	3	111.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	4	133.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	5	135.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	1	46.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	2	46.0	Conventional Steam Coal	BIT	ST
2015	4	9205	Illinois Electricial Gen Partn	IPP	Brickyard Energy Partners LLC	IL	55762	BR1	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Brickyard Energy Partners LLC	IL	55762	BR2	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Brickyard Energy Partners LLC	IL	55762	BR3	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Brickyard Energy Partners LLC	IL	55762	BR5	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Roxana Resource Recovery	IL	55759	RX1	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Roxana Resource Recovery	IL	55759	RX2	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Roxana Resource Recovery	IL	55759	RX3	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Roxana Resource Recovery	IL	55759	RX4	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Upper Rock Energy Partners LLC	IL	55764	UR1	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Upper Rock Energy Partners LLC	IL	55764	UR2	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Upper Rock Energy Partners LLC	IL	55764	UR3	0.9	Landfill Gas	LFG	IC
2015	4	9205	Illinois Electricial Gen Partn	IPP	Upper Rock Energy Partners LLC	IL	55764	UR4	0.9	Landfill Gas	LFG	IC
2015	4	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	6	240.0	Conventional Steam Coal	BIT	ST
2015	4	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	3	251.0	Conventional Steam Coal	SUB	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	1	67.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	2	105.0	Conventional Steam Coal	BIT	ST
2015	4	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	8	465.0	Conventional Steam Coal	BIT	ST
2015	4	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN2	18.0	Other Natural Gas	NG	ST
2015	4	21148	Zapco Energy Tactics Corp	IPP	Oceanside Energy	NY	50348	OS3	0.6	Landfill Gas	LFG	IC
2015	5	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN2	32.0	Conventional Steam Coal	BIT	ST
2015	5	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN3	114.0	Conventional Steam Coal	BIT	ST
2015	5	12647	ALLETE, Inc.	Electric Utility	Taconite Harbor Energy Center	MN	10075	GEN3	83.6	Conventional Steam Coal	SUB	ST
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Cedar Station	NJ	2380	CED1	42.7	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Cedar Station	NJ	2380	CED2	22.7	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Middle Station	NJ	2382	MID1	19.2	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Middle Station	NJ	2382	MID2	19.4	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Middle Station	NJ	2382	MID3	34.8	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Missouri Avenue	NJ	2383	MISB	18.5	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Missouri Avenue	NJ	2383	MISC	20.5	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Missouri Avenue	NJ	2383	MISD	20.5	Petroleum Liquids	KER	GT
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC2	0.9	Other Natural Gas	NG	IC
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC4	0.7	Petroleum Liquids	DFO	IC
2015	5	19804	City of Vero Beach - (FL)	Electric Utility	Vero Beach Municipal Power Plant	FL	693	4	56.0	Other Natural Gas	NG	ST
2015	5	9413	Iowa Methodist Medical Center	Commercial	Iowa Methodist Medical Center	IA	10655	1	1.5	Petroleum Liquids	DFO	IC
2015	5	9413	Iowa Methodist Medical Center	Commercial	Iowa Methodist Medical Center	IA	10655	2	1.5	Petroleum Liquids	DFO	IC
2015	5	9413	Iowa Methodist Medical Center	Commercial	Iowa Methodist Medical Center	IA	10655	3	0.5	Petroleum Liquids	DFO	IC
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	4	155.0	Conventional Steam Coal	BIT	ST
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	5	168.0	Conventional Steam Coal	BIT	ST
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C2	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C3	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C4	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	1	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	2	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	3	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	4	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	5	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	6	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	7	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	8	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT1	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT2	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT3	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT4	46.0	Petroleum Liquids	DFO	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	121	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	122	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	123	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	124	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	58544	Sierra Nevada Brewing Co	Industrial	Sierra Nevada Brewing Co	CA	58585	FCE	1.0	Other Natural Gas	NG	FC
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	1	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	2	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	3	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	4	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	5	585.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Picway	OH	2843	5	95.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Clinch River	VA	3775	3	230.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	5	90.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	6	235.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	1	200.0	Conventional Steam Coal	BIT	ST
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

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	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	13781	Northern States Power Co - Minnesota	Electric Utility	Alliant Techsystems	MN	7376	1	1.6	Petroleum Liquids	DFO	IC
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	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	6	103.8	Conventional Hydroelectric	WAT	HY
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8	103.8	Conventional Hydroelectric	WAT	HY
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	8198	City of Harrisonburg - (VA)	Electric Utility	Harrisonburg Power Plant	VA	56006	ST-1	2.7	Other Natural Gas	NG	ST
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	20838	Win-Sam Inc	Commercial	University of Texas at San Antonio	TX	54606	GEN1	3.3	Other Natural Gas	NG	IC
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	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	3	1.8	Petroleum Liquids	DFO	IC
2015	12	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	6	2.7	Petroleum Liquids	DFO	IC
2015	12	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	IC4	0.8	Petroleum Liquids	DFO	IC
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	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN1	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN2	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN4	5.2	Other Natural Gas	NG	ST
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS1	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS2	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS3	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS4	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS5	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS6	0.9	Conventional Hydroelectric	WAT	HY
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	3	152.0	Conventional Steam Coal	BIT	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Ponnequin	CO	7937	30	9.9	Onshore Wind Turbine	WND	WT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Ponnequin	CO	7937	8	15.4	Onshore Wind Turbine	WND	WT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Zuni	CO	478	2	60.0	Other Natural Gas	NG	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	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	11142	City of Logansport - (IN)	Electric Utility	Logansport	IN	1032	4	16.5	Conventional Steam Coal	BIT	ST
2016	1	11142	City of Logansport - (IN)	Electric Utility	Logansport	IN	1032	5	22.0	Conventional Steam Coal	BIT	ST
2016	1	11142	City of Logansport - (IN)	Electric Utility	Logansport	IN	1032	6	15.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	1	9788	John Deere Harvester Works Co	Industrial	John Deere Harvester Works	IL	10039	GEN6	2.5	Conventional Steam Coal	BIT	ST
2016	1	9788	John Deere Harvester Works Co	Industrial	John Deere Harvester Works	IL	10039	GEN7	0.8	Conventional Steam Coal	BIT	ST
2016	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	1	170.0	Conventional Steam Coal	SUB	ST
2016	1	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	3	445.0	Other Natural Gas	NG	ST
2016	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	3	7801	Gulf Power Co	Electric Utility	Lansing Smith	FL	643	1	162.0	Conventional Steam Coal	BIT	ST
2016	3	7801	Gulf Power Co	Electric Utility	Lansing Smith	FL	643	2	195.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	1	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	2	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	3	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	4	178.0	Conventional Steam Coal	BIT	ST
2016	3	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN2	2.9	Landfill Gas	LFG	GT
2016	3	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN3	2.9	Landfill Gas	LFG	GT
2016	3	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN1	0.8	Landfill Gas	LFG	IC
2016	3	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN3	0.8	Landfill Gas	LFG	IC
2016	3	54842	WM Renewable Energy LLC	IPP	Monroe Livingston Gas Recovery	NY	50565	GEN2	0.8	Landfill Gas	LFG	IC
2016	4	803	Arizona Public Service Co	Electric Utility	Cholla	AZ	113	2	260.0	Conventional Steam Coal	SUB	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	2	85.0	Conventional Steam Coal	BIT	ST

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	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	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	3	74.0	Conventional Steam Coal	BIT	ST
2016	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	4	75.0	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)	IN	991	3	40.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	4	56.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	5	62.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	6	99.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	IC1	3.0	Petroleum Liquids	DFO	IC
2016	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	3	68.0	Conventional Steam Coal	BIT	ST
2016	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	4	95.0	Conventional Steam Coal	BIT	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	1	134.3	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	2	283.7	Conventional Steam Coal	SUB	ST
2016	4	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	U3J98	1.0	Landfill Gas	LFG	IC
2016	4	15474	Public Service Co of Oklahoma	Electric Utility	Northeastern	OK	2963	4	460.0	Conventional Steam Coal	SUB	ST
2016	4	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	2	528.0	Conventional Steam Coal	SUB	ST
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P1	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P2	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P2	25.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P3	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P4	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Rio Pinar	FL	637	P1	12.0	Petroleum Liquids	DFO	GT
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC1	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC2	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC3	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC4	2.0	Petroleum Liquids	DFO	IC
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	9	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	1	0.9	Conventional Hydroelectric	WAT	HY
2016	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	2	0.9	Conventional Hydroelectric	WAT	HY
2016	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	1	1.6	Conventional Hydroelectric	WAT	HY
2016	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	2	1.6	Conventional Hydroelectric	WAT	HY
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	1	11.5	Other Natural Gas	NG	ST
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	2	13.0	Other Natural Gas	NG	ST
2016	6	54842	WM Renewable Energy LLC	IPP	New Milford Gas Recovery	CT	50564	GEN4	0.8	Landfill Gas	LFG	IC
2016	7	7140	Georgia Power Co	Electric Utility	Mitchell (GA)	GA	727	3	155.0	Conventional Steam Coal	BIT	ST
2016	7	17578	South Orange Co Wastewtr Auth	Commercial	Aliso Water Management Agency	CA	10820	GEN1	0.4	Other Waste Biomass	OBG	IC
2016	7	17578	South Orange Co Wastewtr Auth	Commercial	Aliso Water Management Agency	CA	10820	GEN2	0.4	Other Waste Biomass	OBG	IC
2016	7	17578	South Orange Co Wastewtr Auth	Commercial	Aliso Water Management Agency	CA	10820	GEN3	0.4	Other Waste Biomass	OBG	IC
2016	8	14534	City of Pasadena - (CA)	Electric Utility	Broadway (CA)	CA	420	B3	71.0	Other Natural Gas	NG	ST
2016	8	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	1	5.0	Conventional Steam Coal	BIT	ST
2016	8	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	2	5.0	Conventional Steam Coal	BIT	ST
2016	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
2016	9	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	U2J02	1.0	Landfill Gas	LFG	IC
2016	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT1	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT2	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	11	55932	Georgia-Pacific Brewton LLC	Industrial	Georgia-Pacific Brewton Mill	AL	54789	1TG	10.5	Wood/Wood Waste Biomass	BLQ	ST
2016	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2016	12	4045	City of Columbia - (MO)	Electric Utility	Columbia (MO)	MO	2123	5	16.5	Conventional Steam Coal	BIT	ST
2016	12	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN7	95.0	Natural Gas Fired Combined Cycle	NG	CT
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	Dubuque	IA	1046	3	31.1	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	4	37.3	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	2.0	Petroleum Liquids	DFO	IC
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	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT2	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	1	482.0	Conventional Steam Coal	SUB	ST
2017	5	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0	Other Natural Gas	NG	ST
2017	5	12628	NRG Chalk Point LLC	IPP	Chalk Point LLC	MD	1571	ST1	331.0	Conventional Steam Coal	BIT	ST
2017	5	12628	NRG Chalk Point LLC	IPP	Chalk Point LLC	MD	1571	ST2	336.0	Conventional Steam Coal	BIT	ST
2017	5	15452	PSEG Power Connecticut LLC	IPP	Bridgeport Station	CT	568	4	16.0	Petroleum Liquids	KER	GT
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	1	236.1	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	2	238.6	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	3	596.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	4	434.0	Petroleum Liquids	RFO	ST
2017	6	18642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	1	628.0	Conventional Steam Coal	BIT	ST
2017	6	18642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	2	602.0	Conventional Steam Coal	BIT	ST
2017	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3	103.8	Conventional Hydroelectric	WAT	HY
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT1	0.5	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT2	0.3	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT3	0.3	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT4	0.3	Landfill Gas	LFG	IC
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	56730	Cedar Bay Operating Services LLC	Electric CHP	Cedar Bay Generating Company LP	FL	10672	GEN1	250.0	Conventional Steam Coal	BIT	ST
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	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT1	15.5	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT2	13.2	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT3	14.3	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT4	15.3	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	1.9	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	1.8	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.8	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	21.8	Petroleum Liquids	DFO	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	25.9	Petroleum Liquids	DFO	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	13.0	Other Natural Gas	NG	ST
2017	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	85.6	Other Natural Gas	NG	ST
2017	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	20.4	Natural Gas Fired Combustion Turbine	NG	GT

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	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	1	2.0	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	2	2.0	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.7	Other Natural Gas	NG	ST
2017	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	82.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	2	104.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	3	110.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	4	300.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	5	330.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	ST1	106.0	Other Natural Gas	NG	ST
2017	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	4	257.0	Conventional Steam Coal	BIT	ST
2017	12	59099	New Dimension Energy Company, LLC	IPP	Altamont Midway Ltd	CA	50001	WTGS	10.9	Onshore Wind Turbine	WND	WT
2017	12	59099	New Dimension Energy Company, LLC	IPP	Altech	CA	50818	GEN1	10.5	Onshore Wind Turbine	WND	WT
2017	12	59099	New Dimension Energy Company, LLC	IPP	Santa Clara (85C)	CA	50534	WGNS	18.0	Onshore Wind Turbine	WND	WT
2017	12	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	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	1	52.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	2	52.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	3	117.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	4	250.0	Other Natural Gas	NG	ST
2017	12	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	4	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	1	370.0	Conventional Steam Coal	BIT	ST
2018	4	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	2	499.0	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	173.0	Conventional Steam Coal	BIT	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	3	173.0	Conventional Steam Coal	BIT	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	ST1	173.0	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	16604	City of San Antonio - (TX)	Electric Utility	J T Deely	TX	6181	1	420.0	Conventional Steam Coal	SUB	ST
2018	12	16604	City of San Antonio - (TX)	Electric Utility	J T Deely	TX	6181	2	420.0	Conventional Steam Coal	SUB	ST
2018	12	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	4	510.0	Conventional Steam Coal	SUB	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	294.9	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Lake Road (MO)	MO	2098	4	96.3	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	47.7	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	50.6	Conventional Steam Coal	SUB	ST
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	1	138.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	2	137.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	1	64.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	2	66.0	Conventional Steam Coal	BIT	ST
2019	12	56706	Chevron Technology Ventures	IPP	Questa Solar Facility	NM	57369	QST	1.0	Solar Photovoltaic	SUN	PV
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	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
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Other Natural Gas	NG	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Other Natural Gas	NG	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	3	107.0	Other Natural Gas	NG	ST
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	WI	1756	1	0.5	Conventional Hydroelectric	WAT	HY
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	2	0.5	Conventional Hydroelectric	WAT	HY
2019	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	1	38.0	Other Natural Gas	NG	ST
2019	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	2	90.0	Other Natural Gas	NG	ST
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	3	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	4	14.2	Natural Gas Fired Combustion Turbine	NG	GT
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	5	41.5	Natural Gas Fired Combustion Turbine	NG	GT
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	6	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Sheepskin	WI	4059	1	28.4	Natural Gas Fired Combustion Turbine	NG	GT
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	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	5	55.0	Conventional Steam Coal	SUB	ST
2020	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	6	55.0	Conventional Steam Coal	SUB	ST
2020	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	7	78.0	Conventional Steam Coal	SUB	ST
2020	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	8	78.0	Conventional Steam Coal	SUB	ST
2020	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	9	78.0	Conventional Steam Coal	SUB	ST
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	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL10	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	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	2	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	3	10.0	Natural Gas Fired Combustion Turbine	NG	GT

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
2020	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	1	107.0	Other Natural Gas	NG	ST
2020	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	3	93.0	Other Natural Gas	NG	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	1	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106	1	585.0	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
2022	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	1	71.0	Other Natural Gas	NG	ST
2022	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	2	106.0	Other Natural Gas	NG	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
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
2023	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Horseshoe Lake	OK	2951	6	169.0	Other Natural Gas	NG	ST
2024	7	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN1	18.0	Other Natural Gas	NG	ST
2024	7	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN3	18.0	Other Natural Gas	NG	ST
2034	6	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
2045	12	195	Alabama Power Co	Electric Utility	Holt Dam	AL	12	1	45.0	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 6.7.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels, January 2013-March 2015

	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								
2013	59.7%	48.2%	4.9%	10.6%	6.1%	12.1%	0.8%	2.2%
2014	60.9%	47.8%	4.8%	10.0%	NA	12.8%	1.1%	7.1%
Year 2013								
January	61.2%	46.3%	3.6%	7.3%	4.6%	10.0%	0.7%	2.7%
February	60.6%	46.7%	3.4%	6.7%	4.7%	9.7%	0.4%	2.0%
March	57.7%	44.1%	4.0%	6.8%	5.7%	9.6%	0.3%	1.9%
April	51.3%	40.4%	4.3%	7.3%	6.1%	11.6%	0.6%	2.4%
May	52.9%	41.5%	4.5%	9.5%	5.2%	13.0%	0.7%	2.1%
June	63.4%	50.9%	5.1%	14.7%	6.9%	15.4%	0.8%	1.7%
July	67.9%	58.3%	8.5%	18.6%	8.4%	17.5%	2.1%	2.3%
August	66.3%	60.2%	6.8%	17.6%	8.5%	14.4%	0.9%	2.2%
Sept	61.2%	52.6%	5.6%	14.0%	6.7%	14.1%	1.3%	2.0%
October	54.4%	45.4%	3.9%	8.5%	5.5%	12.7%	0.7%	2.0%
November	56.2%	44.9%	3.9%	7.1%	4.5%	7.3%	0.6%	2.2%
December	63.7%	47.1%	4.6%	8.5%	6.1%	10.2%	0.7%	2.7%
Year 2014								
January	70.9%	46.9%	6.4%	9.4%	NA	19.4%	3.7%	7.3%
February	71.6%	42.2%	4.2%	8.8%	NA	12.2%	0.8%	6.3%
March	61.4%	39.5%	4.4%	6.9%	NA	13.7%	1.1%	5.8%
April	50.9%	40.3%	3.4%	6.9%	NA	9.5%	0.5%	4.9%
May	53.8%	44.3%	4.8%	9.5%	NA	10.3%	0.7%	9.5%
June	64.5%	50.7%	5.1%	11.4%	NA	15.3%	1.0%	7.3%
July	68.0%	57.0%	5.8%	14.6%	NA	16.1%	1.1%	8.8%
August	67.5%	60.5%	6.1%	16.2%	NA	15.3%	1.5%	8.4%
Sept	59.2%	54.8%	5.2%	12.2%	NA	13.7%	0.8%	8.1%
October	50.8%	48.5%	4.7%	10.3%	NA	9.7%	0.8%	6.5%
November	56.1%	42.8%	4.1%	7.6%	NA	7.5%	0.9%	6.4%
December	56.8%	45.6%	3.3%	5.7%	NA	10.7%	0.5%	5.8%
Year 2015								
January	57.8%	51.1%	3.7%	6.4%	NA	12.3%	0.5%	8.0%
February	65.4%	51.7%	6.1%	8.4%	NA	21.9%	1.6%	6.7%
March	50.5%	50.5%	5.0%	8.4%	NA	8.8%	0.7%	8.1%

Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. NA = Not Available

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 2013-March 2015

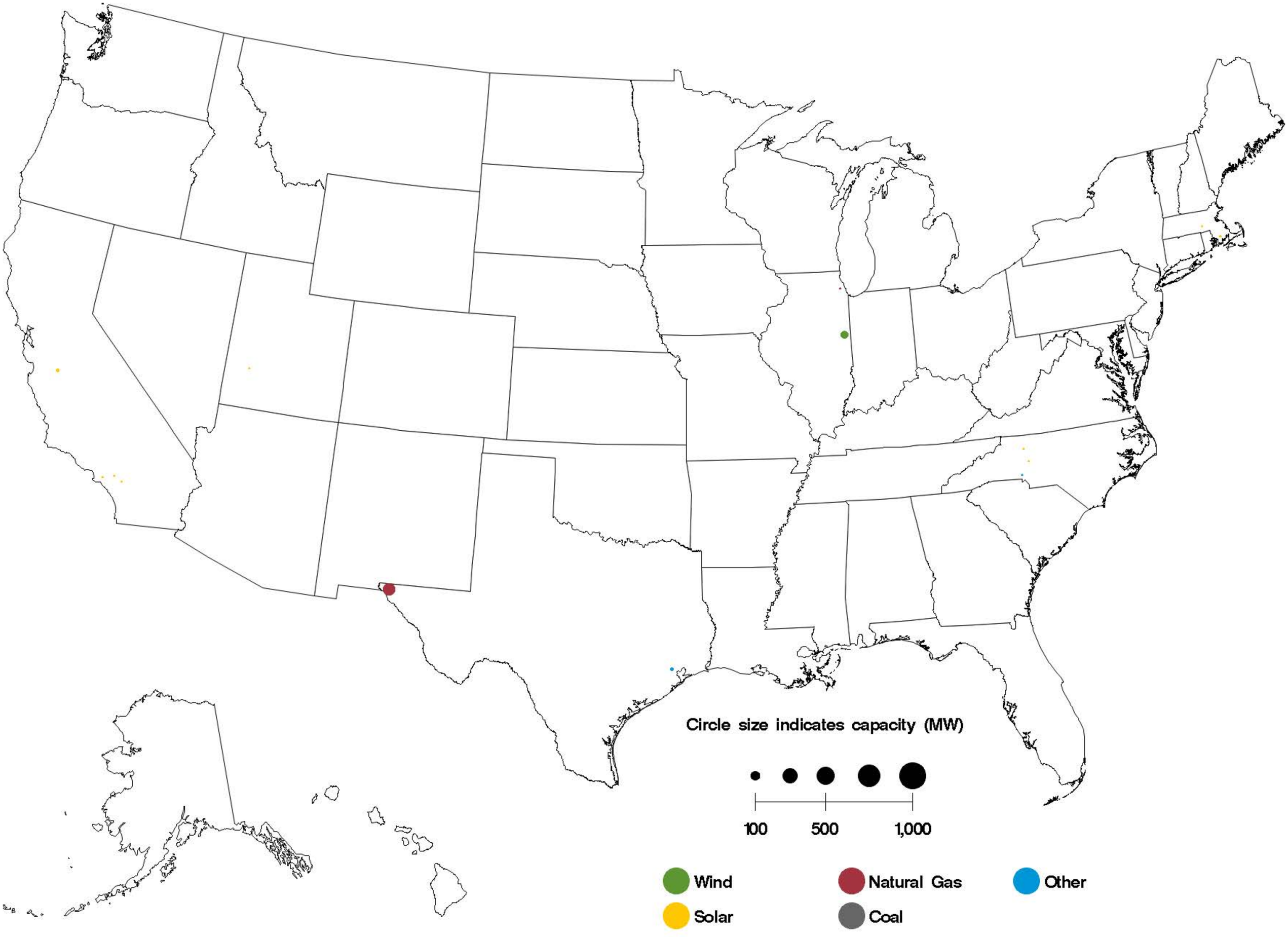
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2013	89.9%	38.9%	32.4%	NA	NA	68.9%	56.7%	73.6%
2014	91.7%	37.5%	33.9%	27.8%	19.5%	68.9%	52.1%	68.8%
Year 2013								
January	93.9%	42.3%	33.5%	NA	NA	66.0%	56.5%	76.9%
February	90.3%	38.3%	35.4%	NA	NA	65.2%	56.0%	76.1%
March	83.4%	34.8%	35.9%	NA	NA	69.0%	55.4%	76.8%
April	77.6%	44.4%	41.1%	NA	NA	66.9%	44.8%	73.3%
May	83.3%	48.4%	37.0%	NA	NA	70.4%	50.5%	71.7%
June	93.1%	48.3%	32.4%	NA	NA	71.0%	54.8%	72.4%
July	95.6%	46.8%	25.3%	NA	NA	71.1%	58.2%	73.3%
August	96.7%	37.2%	22.0%	NA	NA	71.9%	64.8%	72.5%
Sept	92.2%	29.9%	27.4%	NA	NA	69.4%	61.1%	73.6%
October	85.7%	29.2%	31.0%	NA	NA	66.6%	57.9%	74.7%
November	91.0%	31.1%	37.0%	NA	NA	69.5%	61.0%	68.8%
December	96.6%	35.9%	31.3%	NA	NA	69.9%	59.0%	73.0%
Year 2014								
January	99.0%	36.3%	40.4%	NA	NA	63.6%	56.8%	67.9%
February	93.9%	32.5%	34.4%	NA	NA	61.4%	55.7%	67.3%
March	84.5%	41.3%	39.6%	NA	NA	69.2%	53.3%	67.6%
April	78.9%	44.6%	43.1%	NA	NA	68.9%	39.1%	68.7%
May	85.3%	45.3%	34.5%	NA	NA	70.9%	42.4%	68.4%
June	95.4%	45.8%	36.1%	NA	NA	70.5%	56.1%	68.7%
July	97.4%	41.9%	26.7%	NA	NA	72.4%	56.0%	67.8%
August	96.3%	33.9%	22.5%	31.9%	25.0%	72.0%	56.0%	68.0%
Sept	94.5%	28.0%	26.0%	32.0%	25.9%	69.7%	52.3%	69.3%
October	84.5%	29.0%	31.5%	26.7%	20.8%	68.5%	51.3%	69.1%
November	91.2%	33.0%	42.2%	23.4%	13.4%	71.4%	54.1%	72.2%
December	99.5%	38.4%	30.4%	15.6%	5.5%	68.4%	52.6%	70.4%
Year 2015								
January	101.2%	41.9%	31.4%	18.9%	4.6%	67.4%	46.0%	74.1%
February	95.8%	43.0%	34.2%	25.9%	15.5%	62.1%	55.6%	73.4%
March	87.9%	42.2%	31.5%	29.4%	23.6%	58.9%	49.0%	74.2%

Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. NA = Not Available

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

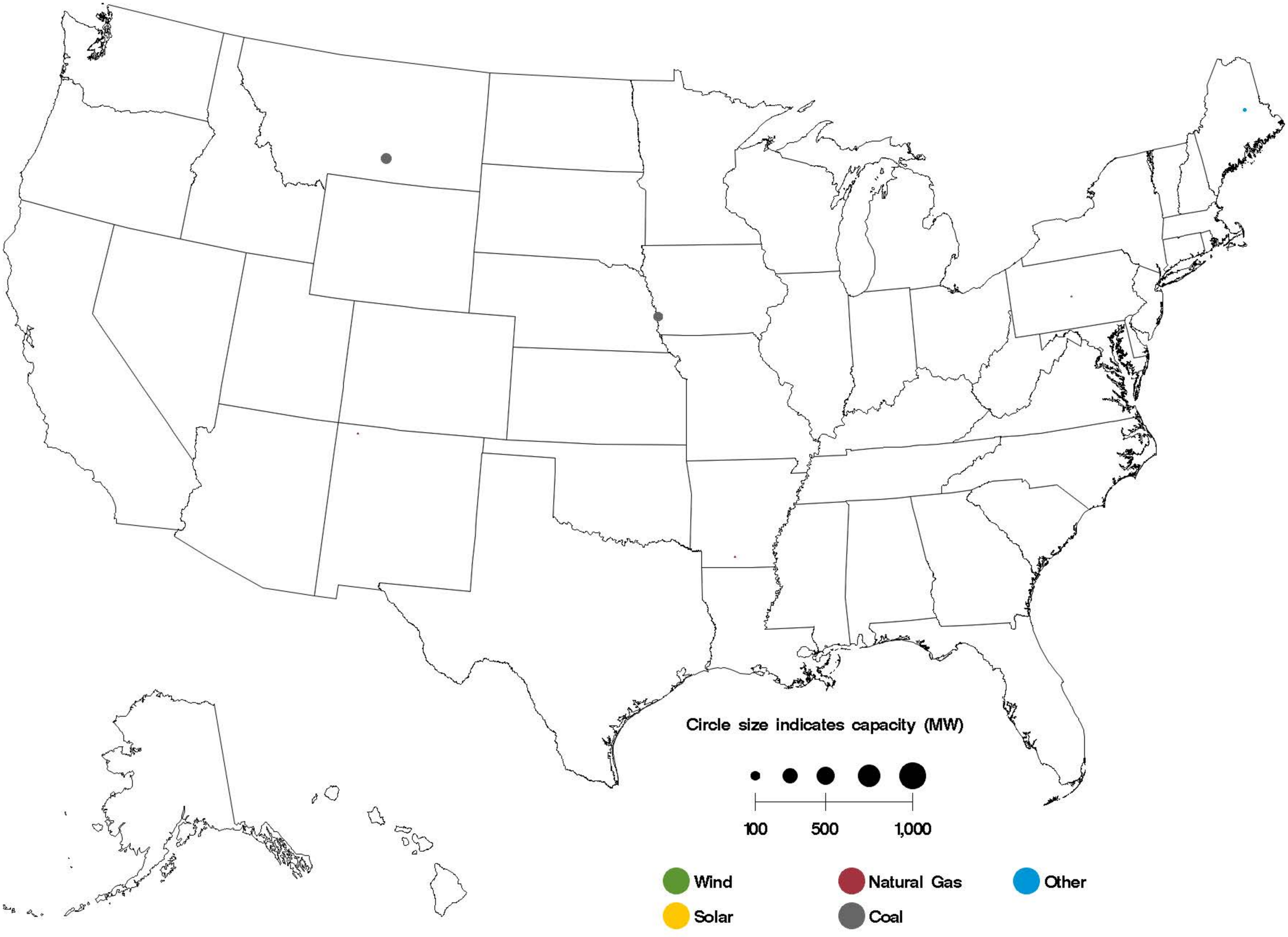
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.A. Utility Scale Generating Units Added in March 2015



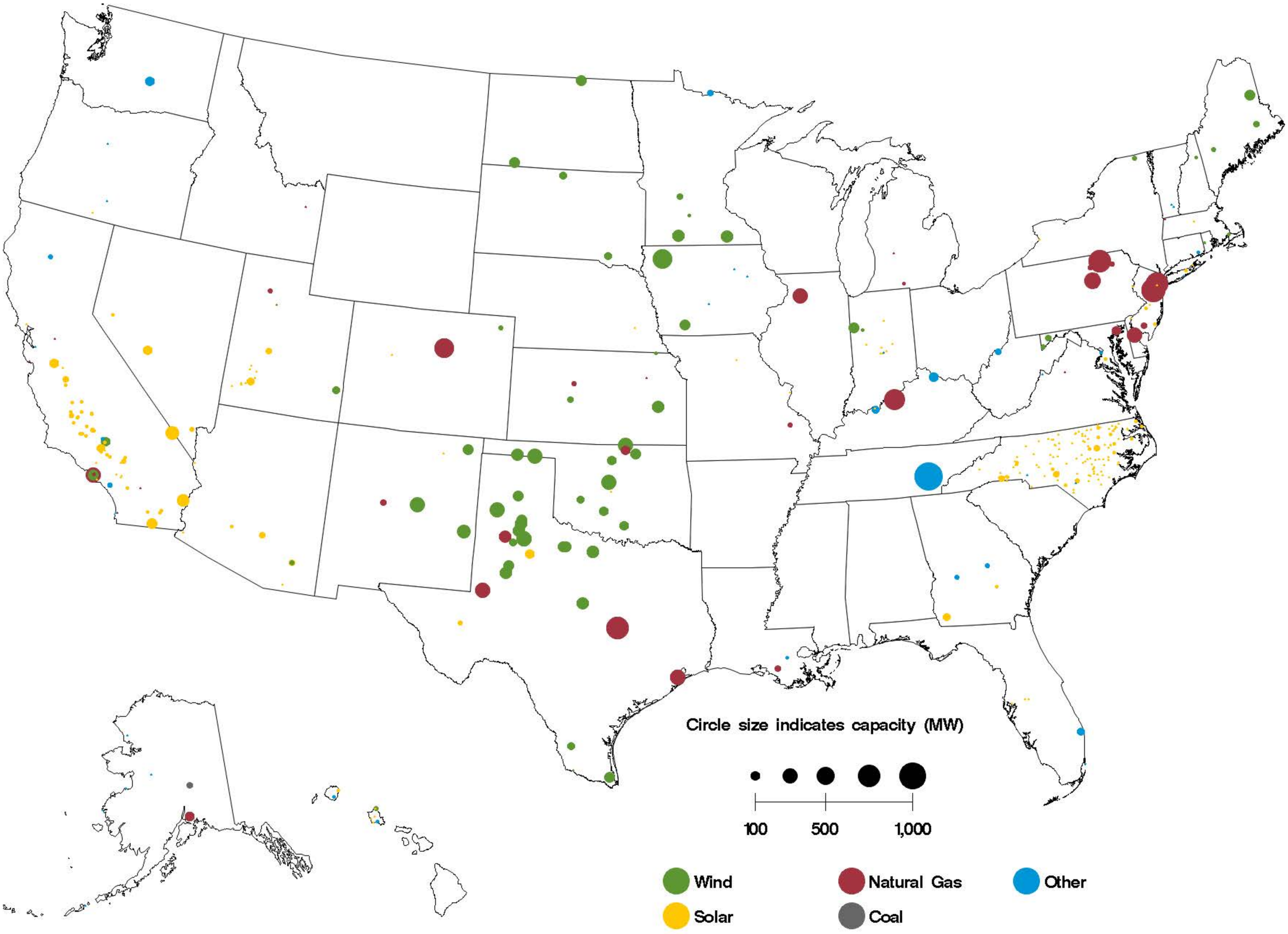
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.B. Utility Scale Generating Units Retired in March 2015



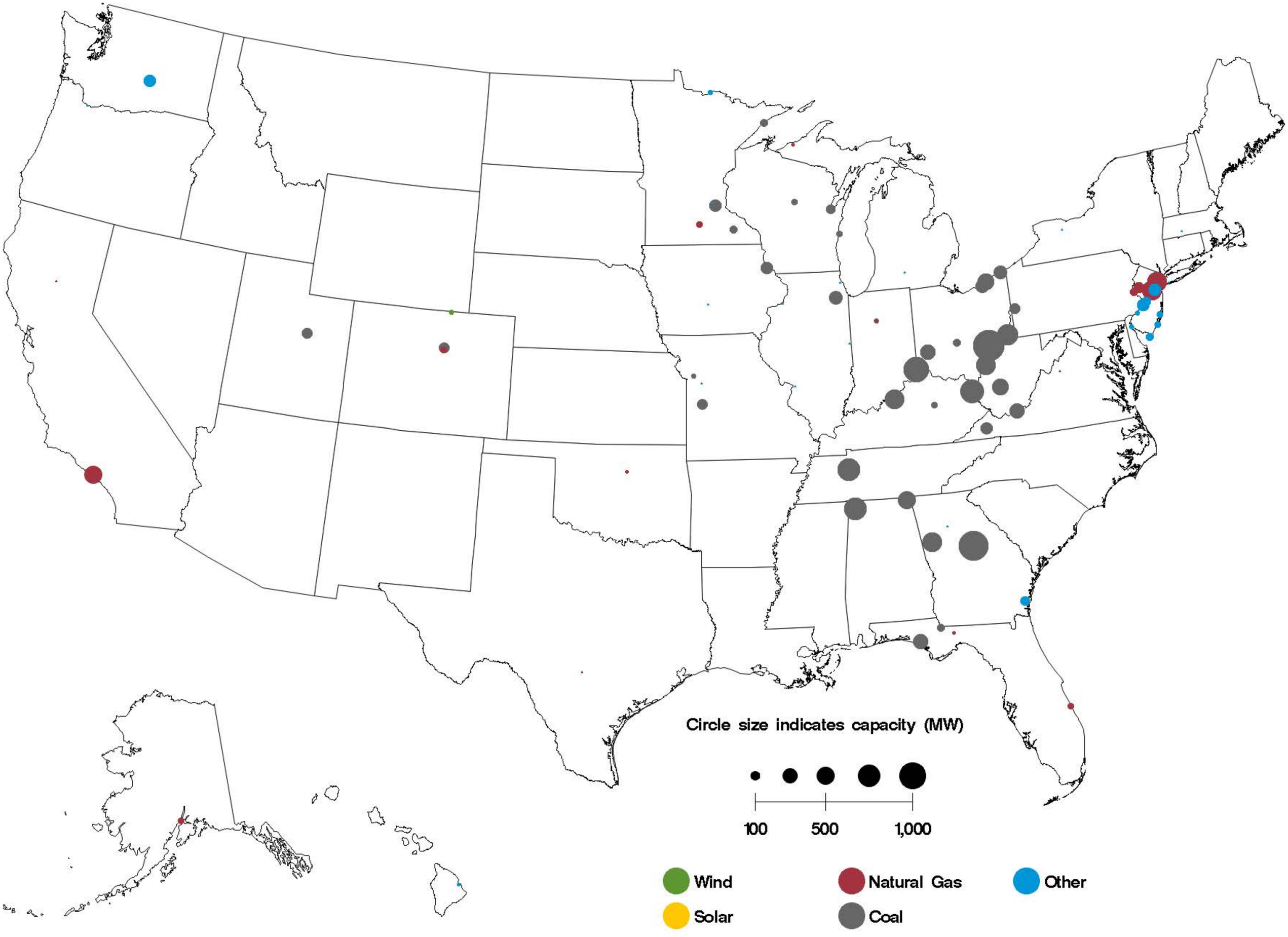
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from April 2015 to March 2016



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 April 2015 to March 2016



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, March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**13**	**0**	**2**	**0**	**0**	**11**
Connecticut	0	36	0	4	0	0	54
Maine	0	7	0	12	0	0	13
Massachusetts	1	26	0	4	0	0	32
New Hampshire	0	31	0	2	0	0	24
Rhode Island	0	98	0	3	0	0	516
Vermont	0	210	0	0	0	0	30
Middle Atlantic	**1**	**5**	**90**	**2**	**24**	**0**	**3**
New Jersey	0	14	0	3	76	0	246
New York	3	5	0	3	0	0	3
Pennsylvania	1	16	90	2	21	0	9
East North Central	**0**	**5**	**5**	**1**	**10**	**0**	**15**
Illinois	0	7	0	7	66	0	74
Indiana	0	7	0	3	13	0	55
Michigan	2	14	12	3	0	0	25
Ohio	1	9	3	1	42	0	60
Wisconsin	0	28	0	3	0	0	22
West North Central	**1**	**9**	**121**	**6**	**145**	**0**	**6**
Iowa	2	23	121	52	0	0	37
Kansas	0	3	0	29	0	0	286
Minnesota	4	44	0	4	0	0	42
Missouri	1	12	0	8	0	0	12
Nebraska	3	45	0	35	0	0	28
North Dakota	2	17	0	162	145	0	0
South Dakota	0	13	0	158	0	0	0
South Atlantic	**1**	**3**	**0**	**1**	**0**	**0**	**6**
Delaware	0	17	0	7	0	0	0
District of Columbia	0	0	0	205	0	0	0
Florida	1	5	0	1	0	0	67
Georgia	0	9	0	0	0	0	15
Maryland	0	21	0	21	0	0	2
North Carolina	1	6	0	1	0	0	10
South Carolina	4	8	0	2	0	0	16
Virginia	5	3	0	0	0	0	23
West Virginia	0	0	0	6	0	0	14
East South Central	**1**	**7**	**0**	**1**	**197**	**0**	**3**
Alabama	1	17	0	1	261	0	4
Kentucky	1	10	0	8	0	0	6
Mississippi	0	26	0	2	0	0	0
Tennessee	0	9	0	4	0	0	6
West South Central	**0**	**3**	**6**	**1**	**6**	**0**	**7**
Arkansas	0	0	0	1	0	0	9
Louisiana	0	1	6	1	7	0	0
Oklahoma	1	16	0	1	0	0	16
Texas	0	5	36	1	10	0	40
Mountain	**1**	**25**	**0**	**2**	**10**	**0**	**3**
Arizona	0	24	0	1	0	0	2
Colorado	0	193	0	2	0	0	23
Idaho	52	523	0	12	0	0	8
Montana	8	84	0	69	0	0	5
Nevada	0	2	0	2	0	0	3
New Mexico	0	49	0	4	0	0	68
Utah	2	40	0	7	345	0	37
Wyoming	3	4	0	28	8	0	18
Pacific Contiguous	**9**	**69**	**625**	**2**	**12**	**0**	**1**
California	11	78	625	3	15	0	7
Oregon	0	2,155	0	2	0	0	2
Washington	0	134	0	6	0	0	1
Pacific Noncontiguous	**4**	**5**	**0**	**13**	**302**	**0**	**20**
Alaska	11	10	0	13	0	0	20
Hawaii	4	5	0	0	302	0	103
U.S. Total	**0**	**4**	**3**	**0**	**5**	**0**	**1**

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

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

Total (All Sectors) by Census Division and State, March 2015 (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**	**11**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	66	6	0	9	2
Maine	0	0	0	0	2	0	17	5
Massachusetts	0	0	0	12	7	0	8	2
New Hampshire	0	0	0	0	10	0	49	2
Rhode Island	0	0	0	79	10	0	0	3
Vermont	0	0	0	36	8	0	0	17
Middle Atlantic	**0**	**0**	**0**	**9**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	10	7	0	10	1
New York	0	0	0	21	2	0	8	1
Pennsylvania	0	0	0	27	2	0	6	1
East North Central	**0**	**0**	**0**	**16**	**1**	**0**	**8**	**0**
Illinois	0	0	0	29	1	0	27	0
Indiana	0	0	0	22	1	0	3	1
Michigan	0	0	0	0	3	0	13	1
Ohio	0	0	0	30	5	0	0	1
Wisconsin	0	0	0	207	5	0	43	1
West North Central	**0**	**0**	**0**	**64**	**1**	**0**	**15**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	207	0	0	0	1
Minnesota	0	0	0	159	2	0	17	2
Missouri	0	0	0	75	3	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	66	1
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**6**	**2**	**0**	**4**	**0**
Delaware	0	0	0	32	27	0	0	6
District of Columbia	0	0	0	0	0	0	0	205
Florida	0	0	0	10	5	0	4	1
Georgia	0	0	0	22	5	0	0	0
Maryland	0	0	0	22	4	0	1	2
North Carolina	0	0	0	8	6	0	29	1
South Carolina	0	0	0	131	3	0	18	1
Virginia	0	0	0	0	4	0	8	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**30**	**6**	**0**	**33**	**0**
Alabama	0	0	0	0	9	0	0	1
Kentucky	0	0	0	0	8	0	0	1
Mississippi	0	0	0	0	7	0	206	1
Tennessee	0	0	0	30	16	0	0	1
West South Central	**0**	**0**	**0**	**10**	**1**	**0**	**10**	**0**
Arkansas	0	0	0	0	6	0	0	1
Louisiana	0	0	0	0	10	0	8	1
Oklahoma	0	0	0	0	1	0	124	1
Texas	0	0	0	10	1	0	14	0
Mountain	**0**	**6**	**0**	**2**	**1**	**0**	**7**	**1**
Arizona	0	0	0	2	2	0	0	0
Colorado	0	0	0	10	1	0	66	1
Idaho	0	71	0	0	5	0	0	5
Montana	0	0	0	0	2	0	0	5
Nevada	0	7	0	3	4	0	80	2
New Mexico	0	152	0	9	4	0	408	1
Utah	0	9	0	98	6	0	208	2
Wyoming	0	0	0	0	2	0	0	3
Pacific Contiguous	**0**	**4**	**0**	**1**	**1**	**0**	**11**	**1**
California	0	4	0	1	2	0	12	2
Oregon	0	0	0	43	3	0	65	1
Washington	0	0	0	0	2	0	23	1
Pacific Noncontiguous	**0**	**0**	**0**	**36**	**7**	**0**	**0**	**4**
Alaska	0	0	0	0	30	0	0	8
Hawaii	0	0	0	36	6	0	0	4
U.S. Total	**0**	**4**	**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.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, Year-to-Date through March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**13**	**0**	**2**	**0**	**0**	**11**
Connecticut	0	36	0	4	0	0	54
Maine	0	7	0	12	0	0	13
Massachusetts	1	26	0	4	0	0	32
New Hampshire	0	31	0	2	0	0	24
Rhode Island	0	98	0	3	0	0	516
Vermont	0	210	0	0	0	0	30
Middle Atlantic	**1**	**5**	**90**	**2**	**24**	**0**	**3**
New Jersey	0	14	0	3	76	0	246
New York	3	5	0	3	0	0	3
Pennsylvania	1	16	90	2	21	0	9
East North Central	**0**	**5**	**5**	**1**	**10**	**0**	**15**
Illinois	0	7	0	7	66	0	74
Indiana	0	7	0	3	13	0	55
Michigan	2	14	12	3	0	0	25
Ohio	1	9	3	1	42	0	60
Wisconsin	0	28	0	3	0	0	22
West North Central	**1**	**9**	**121**	**6**	**145**	**0**	**6**
Iowa	2	23	121	52	0	0	37
Kansas	0	3	0	29	0	0	286
Minnesota	4	44	0	4	0	0	42
Missouri	1	12	0	8	0	0	12
Nebraska	3	45	0	35	0	0	28
North Dakota	2	17	0	162	145	0	0
South Dakota	0	13	0	158	0	0	0
South Atlantic	**1**	**3**	**0**	**1**	**0**	**0**	**6**
Delaware	0	17	0	7	0	0	0
District of Columbia	0	0	0	205	0	0	0
Florida	1	5	0	1	0	0	67
Georgia	0	9	0	0	0	0	15
Maryland	0	21	0	21	0	0	2
North Carolina	1	6	0	1	0	0	10
South Carolina	4	8	0	2	0	0	16
Virginia	5	3	0	0	0	0	23
West Virginia	0	0	0	6	0	0	14
East South Central	**1**	**7**	**0**	**1**	**197**	**0**	**3**
Alabama	1	17	0	1	261	0	4
Kentucky	1	10	0	8	0	0	6
Mississippi	0	26	0	2	0	0	0
Tennessee	0	9	0	4	0	0	6
West South Central	**0**	**3**	**6**	**1**	**6**	**0**	**7**
Arkansas	0	0	0	1	0	0	9
Louisiana	0	1	6	1	7	0	0
Oklahoma	1	16	0	1	0	0	16
Texas	0	5	36	1	10	0	40
Mountain	**1**	**25**	**0**	**2**	**10**	**0**	**3**
Arizona	0	24	0	1	0	0	2
Colorado	0	193	0	2	0	0	23
Idaho	52	523	0	12	0	0	8
Montana	8	84	0	69	0	0	5
Nevada	0	2	0	2	0	0	3
New Mexico	0	49	0	4	0	0	68
Utah	2	40	0	7	345	0	37
Wyoming	3	4	0	28	8	0	18
Pacific Contiguous	**9**	**69**	**625**	**2**	**12**	**0**	**1**
California	11	78	625	3	15	0	7
Oregon	0	2,155	0	2	0	0	2
Washington	0	134	0	6	0	0	1
Pacific Noncontiguous	**4**	**5**	**0**	**13**	**302**	**0**	**20**
Alaska	11	10	0	13	0	0	20
Hawaii	4	5	0	0	302	0	103
U.S. Total	**0**	**4**	**3**	**0**	**5**	**0**	**1**

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

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

Total (All Sectors) by Census Division and State, Year-to-Date through March 2015 (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**	**11**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	66	6	0	9	2
Maine	0	0	0	0	2	0	17	5
Massachusetts	0	0	0	12	7	0	8	2
New Hampshire	0	0	0	0	10	0	49	2
Rhode Island	0	0	0	79	10	0	0	3
Vermont	0	0	0	36	8	0	0	17
Middle Atlantic	**0**	**0**	**0**	**9**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	10	7	0	10	1
New York	0	0	0	21	2	0	8	1
Pennsylvania	0	0	0	27	2	0	6	1
East North Central	**0**	**0**	**0**	**16**	**1**	**0**	**8**	**0**
Illinois	0	0	0	29	1	0	27	0
Indiana	0	0	0	22	1	0	3	1
Michigan	0	0	0	0	3	0	13	1
Ohio	0	0	0	30	5	0	0	1
Wisconsin	0	0	0	207	5	0	43	1
West North Central	**0**	**0**	**0**	**64**	**1**	**0**	**15**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	207	0	0	0	1
Minnesota	0	0	0	159	2	0	17	2
Missouri	0	0	0	75	3	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	66	1
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**6**	**2**	**0**	**4**	**0**
Delaware	0	0	0	32	27	0	0	6
District of Columbia	0	0	0	0	0	0	0	205
Florida	0	0	0	10	5	0	4	1
Georgia	0	0	0	22	5	0	0	0
Maryland	0	0	0	22	4	0	1	2
North Carolina	0	0	0	8	6	0	29	1
South Carolina	0	0	0	131	3	0	18	1
Virginia	0	0	0	0	4	0	8	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**30**	**6**	**0**	**33**	**0**
Alabama	0	0	0	0	9	0	0	1
Kentucky	0	0	0	0	8	0	0	1
Mississippi	0	0	0	0	7	0	206	1
Tennessee	0	0	0	30	16	0	0	1
West South Central	**0**	**0**	**0**	**10**	**1**	**0**	**10**	**0**
Arkansas	0	0	0	0	6	0	0	1
Louisiana	0	0	0	0	10	0	8	1
Oklahoma	0	0	0	0	1	0	124	1
Texas	0	0	0	10	1	0	14	0
Mountain	**0**	**6**	**0**	**2**	**1**	**0**	**7**	**1**
Arizona	0	0	0	2	2	0	0	0
Colorado	0	0	0	10	1	0	66	1
Idaho	0	71	0	0	5	0	0	5
Montana	0	0	0	0	2	0	0	5
Nevada	0	7	0	3	4	0	80	2
New Mexico	0	152	0	9	4	0	408	1
Utah	0	9	0	98	6	0	208	2
Wyoming	0	0	0	0	2	0	0	3
Pacific Contiguous	**0**	**4**	**0**	**1**	**1**	**0**	**11**	**1**
California	0	4	0	1	2	0	12	2
Oregon	0	0	0	43	3	0	65	1
Washington	0	0	0	0	2	0	23	1
Pacific Noncontiguous	**0**	**0**	**0**	**36**	**7**	**0**	**0**	**4**
Alaska	0	0	0	0	30	0	0	8
Hawaii	0	0	0	36	6	0	0	4
U.S. Total	**0**	**4**	**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, March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**8**	**0**	**37**	**0**	**0**	**30**
Connecticut	0	52	0	0	0	0	179
Maine	0	150	0	0	0	0	0
Massachusetts	0	26	0	37	0	0	66
New Hampshire	0	4	0	0	0	0	28
Rhode Island	0	31	0	0	0	0	0
Vermont	0	164	0	0	0	0	52
Middle Atlantic	**518**	**10**	**0**	**9**	**0**	**0**	**1**
New Jersey	0	747	0	301	0	0	0
New York	518	10	0	8	0	0	1
Pennsylvania	0	162	0	1,219	0	0	6
East North Central	**1**	**6**	**0**	**2**	**0**	**0**	**16**
Illinois	0	27	0	67	0	0	160
Indiana	0	5	0	1	0	0	55
Michigan	2	15	0	6	0	0	27
Ohio	1	12	0	2	0	0	60
Wisconsin	0	36	0	6	0	0	23
West North Central	**1**	**7**	**0**	**6**	**0**	**0**	**6**
Iowa	3	24	0	60	0	0	37
Kansas	0	3	0	30	0	0	0
Minnesota	4	41	0	3	0	0	61
Missouri	1	12	0	11	0	0	12
Nebraska	3	45	0	13	0	0	28
North Dakota	2	17	0	0	0	0	0
South Dakota	0	13	0	158	0	0	0
South Atlantic	**0**	**2**	**0**	**0**	**0**	**0**	**8**
Delaware	0	909	0	407	0	0	0
Florida	1	4	0	1	0	0	67
Georgia	0	3	0	0	0	0	15
Maryland	0	29	0	0	0	0	0
North Carolina	0	3	0	1	0	0	11
South Carolina	4	7	0	2	0	0	16
Virginia	0	1	0	0	0	0	23
West Virginia	0	0	0	0	0	0	44
East South Central	**1**	**4**	**0**	**2**	**0**	**0**	**3**
Alabama	1	0	0	6	0	0	4
Kentucky	1	10	0	4	0	0	6
Mississippi	0	50	0	2	0	0	0
Tennessee	0	1	0	0	0	0	6
West South Central	**0**	**1**	**0**	**1**	**0**	**0**	**9**
Arkansas	0	0	0	4	0	0	9
Louisiana	0	1	0	1	0	0	0
Oklahoma	0	4	0	1	0	0	16
Texas	0	1	0	2	0	0	41
Mountain	**1**	**27**	**0**	**1**	**0**	**0**	**3**
Arizona	0	24	0	1	0	0	2
Colorado	0	193	0	1	0	0	22
Idaho	0	523	0	173	0	0	8
Montana	172	372	0	71	0	0	4
Nevada	0	2	0	0	0	0	1
New Mexico	0	40	0	7	0	0	68
Utah	2	20	0	3	0	0	37
Wyoming	2	3	0	272	0	0	17
Pacific Contiguous	**0**	**58**	**0**	**3**	**0**	**0**	**1**
California	0	37	0	3	0	0	7
Oregon	0	0	0	0	0	0	2
Washington	0	626	0	7	0	0	1
Pacific Noncontiguous	**0**	**4**	**0**	**13**	**0**	**0**	**20**
Alaska	0	10	0	13	0	0	20
Hawaii	0	4	0	0	0	0	224
U.S. Total	**0**	**3**	**0**	**1**	**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, March 2015 (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**	**73**	**3**	**0**	**0**	**7**
Connecticut	0	0	0	0	0	0	0	153
Maine	0	0	0	0	0	0	0	150
Massachusetts	0	0	0	73	44	0	0	41
New Hampshire	0	0	0	0	0	0	0	3
Rhode Island	0	0	0	0	0	0	0	31
Vermont	0	0	0	0	0	0	0	19
Middle Atlantic	**0**	**0**	**0**	**29**	**29**	**0**	**0**	**3**
New Jersey	0	0	0	29	29	0	0	23
New York	0	0	0	0	0	0	0	3
Pennsylvania	0	0	0	0	0	0	0	7
East North Central	**0**	**0**	**0**	**67**	**2**	**0**	**20**	**0**
Illinois	0	0	0	379	113	0	0	2
Indiana	0	0	0	120	20	0	0	0
Michigan	0	0	0	0	2	0	79	1
Ohio	0	0	0	78	60	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	0	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	3	0	0	2
Missouri	0	0	0	0	56	0	0	1
Nebraska	0	0	0	0	12	0	0	2
North Dakota	0	0	0	0	1	0	66	2
South Dakota	0	0	0	0	1	0	0	3
South Atlantic	**0**	**0**	**0**	**9**	**3**	**0**	**0**	**0**
Delaware	0	0	0	104	104	0	0	300
Florida	0	0	0	0	5	0	0	0
Georgia	0	0	0	88	88	0	0	0
Maryland	0	0	0	70	70	0	0	30
North Carolina	0	0	0	82	82	0	0	0
South Carolina	0	0	0	0	7	0	0	1
Virginia	0	0	0	0	1	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**35**	**0**	**0**	**1**
Alabama	0	0	0	0	0	0	0	1
Kentucky	0	0	0	0	35	0	0	1
Mississippi	0	0	0	0	0	0	0	2
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	1
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	0	0	0	1
Mountain	**0**	**0**	**0**	**8**	**2**	**0**	**79**	**1**
Arizona	0	0	0	8	8	0	0	0
Colorado	0	0	0	0	14	0	0	1
Idaho	0	0	0	0	6	0	0	8
Montana	0	0	0	0	0	0	0	9
Nevada	0	0	0	0	0	0	80	0
New Mexico	0	0	0	24	24	0	408	2
Utah	0	0	0	0	0	0	0	1
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**12**	**1**	**0**	**0**	**1**
California	0	0	0	12	3	0	0	2
Oregon	0	0	0	81	3	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**60**	**33**	**0**	**0**	**5**
Alaska	0	0	0	0	47	0	0	9
Hawaii	0	0	0	60	31	0	0	5
U.S. Total	**0**	**0**	**0**	**6**	**1**	**0**	**11**	**0**

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

Electric Utilities by Census Division and State, Year-to-Date through March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**8**	**0**	**37**	**0**	**0**	**30**
Connecticut	0	52	0	0	0	0	179
Maine	0	150	0	0	0	0	0
Massachusetts	0	26	0	37	0	0	66
New Hampshire	0	4	0	0	0	0	28
Rhode Island	0	31	0	0	0	0	0
Vermont	0	164	0	0	0	0	52
Middle Atlantic	**518**	**10**	**0**	**9**	**0**	**0**	**1**
New Jersey	0	747	0	301	0	0	0
New York	518	10	0	8	0	0	1
Pennsylvania	0	162	0	1,219	0	0	6
East North Central	**1**	**6**	**0**	**2**	**0**	**0**	**16**
Illinois	0	27	0	67	0	0	160
Indiana	0	5	0	1	0	0	55
Michigan	2	15	0	6	0	0	27
Ohio	1	12	0	2	0	0	60
Wisconsin	0	36	0	6	0	0	23
West North Central	**1**	**7**	**0**	**6**	**0**	**0**	**6**
Iowa	3	24	0	60	0	0	37
Kansas	0	3	0	30	0	0	0
Minnesota	4	41	0	3	0	0	61
Missouri	1	12	0	11	0	0	12
Nebraska	3	45	0	13	0	0	28
North Dakota	2	17	0	0	0	0	0
South Dakota	0	13	0	158	0	0	0
South Atlantic	**0**	**2**	**0**	**0**	**0**	**0**	**8**
Delaware	0	909	0	407	0	0	0
Florida	1	4	0	1	0	0	67
Georgia	0	3	0	0	0	0	15
Maryland	0	29	0	0	0	0	0
North Carolina	0	3	0	1	0	0	11
South Carolina	4	7	0	2	0	0	16
Virginia	0	1	0	0	0	0	23
West Virginia	0	0	0	0	0	0	44
East South Central	**1**	**4**	**0**	**2**	**0**	**0**	**3**
Alabama	1	0	0	6	0	0	4
Kentucky	1	10	0	4	0	0	6
Mississippi	0	50	0	2	0	0	0
Tennessee	0	1	0	0	0	0	6
West South Central	**0**	**1**	**0**	**1**	**0**	**0**	**9**
Arkansas	0	0	0	4	0	0	9
Louisiana	0	1	0	1	0	0	0
Oklahoma	0	4	0	1	0	0	16
Texas	0	1	0	2	0	0	41
Mountain	**1**	**27**	**0**	**1**	**0**	**0**	**3**
Arizona	0	24	0	1	0	0	2
Colorado	0	193	0	1	0	0	22
Idaho	0	523	0	173	0	0	8
Montana	172	372	0	71	0	0	4
Nevada	0	2	0	0	0	0	1
New Mexico	0	40	0	7	0	0	68
Utah	2	20	0	3	0	0	37
Wyoming	2	3	0	272	0	0	17
Pacific Contiguous	**0**	**58**	**0**	**3**	**0**	**0**	**1**
California	0	37	0	3	0	0	7
Oregon	0	0	0	0	0	0	2
Washington	0	626	0	7	0	0	1
Pacific Noncontiguous	**0**	**4**	**0**	**13**	**0**	**0**	**20**
Alaska	0	10	0	13	0	0	20
Hawaii	0	4	0	0	0	0	224
U.S. Total	**0**	**3**	**0**	**1**	**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 March 2015 (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**	**73**	**3**	**0**	**0**	**7**
Connecticut	0	0	0	0	0	0	0	153
Maine	0	0	0	0	0	0	0	150
Massachusetts	0	0	0	73	44	0	0	41
New Hampshire	0	0	0	0	0	0	0	3
Rhode Island	0	0	0	0	0	0	0	31
Vermont	0	0	0	0	0	0	0	19
Middle Atlantic	**0**	**0**	**0**	**29**	**29**	**0**	**0**	**3**
New Jersey	0	0	0	29	29	0	0	23
New York	0	0	0	0	0	0	0	3
Pennsylvania	0	0	0	0	0	0	0	7
East North Central	**0**	**0**	**0**	**67**	**2**	**0**	**20**	**0**
Illinois	0	0	0	379	113	0	0	2
Indiana	0	0	0	120	20	0	0	0
Michigan	0	0	0	0	2	0	79	1
Ohio	0	0	0	78	60	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	0	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	3	0	0	2
Missouri	0	0	0	0	56	0	0	1
Nebraska	0	0	0	0	12	0	0	2
North Dakota	0	0	0	0	1	0	66	2
South Dakota	0	0	0	0	1	0	0	3
South Atlantic	**0**	**0**	**0**	**9**	**3**	**0**	**0**	**0**
Delaware	0	0	0	104	104	0	0	300
Florida	0	0	0	0	5	0	0	0
Georgia	0	0	0	88	88	0	0	0
Maryland	0	0	0	70	70	0	0	30
North Carolina	0	0	0	82	82	0	0	0
South Carolina	0	0	0	0	7	0	0	1
Virginia	0	0	0	0	1	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**35**	**0**	**0**	**1**
Alabama	0	0	0	0	0	0	0	1
Kentucky	0	0	0	0	35	0	0	1
Mississippi	0	0	0	0	0	0	0	2
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	1
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	0	0	0	1
Mountain	**0**	**0**	**0**	**8**	**2**	**0**	**79**	**1**
Arizona	0	0	0	8	8	0	0	0
Colorado	0	0	0	0	14	0	0	1
Idaho	0	0	0	0	6	0	0	8
Montana	0	0	0	0	0	0	0	9
Nevada	0	0	0	0	0	0	80	0
New Mexico	0	0	0	24	24	0	408	2
Utah	0	0	0	0	0	0	0	1
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**12**	**1**	**0**	**0**	**1**
California	0	0	0	12	3	0	0	2
Oregon	0	0	0	81	3	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**60**	**33**	**0**	**0**	**5**
Alaska	0	0	0	0	47	0	0	9
Hawaii	0	0	0	60	31	0	0	5
U.S. Total	**0**	**0**	**0**	**6**	**1**	**0**	**11**	**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, March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**14**	**0**	**1**	**0**	**0**	**12**
Connecticut	0	29	0	2	0	0	57
Maine	0	1	0	1	0	0	15
Massachusetts	0	27	0	4	0	0	36
New Hampshire	0	1,889	0	0	0	0	32
Rhode Island	0	0	0	1	0	0	516
Vermont	0	0	0	0	0	0	37
Middle Atlantic	**1**	**7**	**0**	**1**	**0**	**0**	**12**
New Jersey	0	11	0	2	0	0	246
New York	0	6	0	3	0	0	16
Pennsylvania	1	16	0	2	0	0	15
East North Central	**0**	**1**	**0**	**1**	**12**	**0**	**55**
Illinois	0	0	0	4	0	0	68
Indiana	0	0	0	10	0	0	0
Michigan	0	5,042	0	3	0	0	93
Ohio	0	2	0	1	46	0	0
Wisconsin	0	10	0	0	0	0	100
West North Central	**93**	**103**	**0**	**8**	**0**	**0**	**70**
Iowa	0	118	0	0	0	0	400
Kansas	0	0	0	0	0	0	286
Minnesota	0	107	0	13	0	0	73
Missouri	93	0	0	10	0	0	0
South Dakota	0	171	0	0	0	0	0
South Atlantic	**3**	**10**	**0**	**2**	**0**	**0**	**6**
Delaware	0	16	0	9	0	0	0
Florida	0	101	0	9	0	0	0
Georgia	0	142	0	1	0	0	300
Maryland	0	13	0	15	0	0	2
North Carolina	56	148	0	0	0	0	138
South Carolina	0	143	0	25	0	0	107
Virginia	85	13	0	1	0	0	122
West Virginia	1	0	0	8	0	0	10
East South Central	**0**	**166**	**0**	**0**	**0**	**0**	**351**
Alabama	0	166	0	1	0	0	0
Kentucky	0	0	0	0	0	0	351
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Arkansas	0	0	0	0	0	0	170
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	0	0	0	0	0	0	193
Mountain	**8**	**73**	**0**	**4**	**0**	**0**	**10**
Arizona	0	0	0	0	0	0	0
Colorado	182	0	0	7	0	0	78
Idaho	0	0	0	6	0	0	33
Montana	8	6	0	306	0	0	10
Nevada	0	0	0	18	0	0	134
New Mexico	0	380	0	1	0	0	0
Utah	75	434	0	98	0	0	308
Wyoming	111	0	0	490	0	0	298
Pacific Contiguous	**695**	**242**	**625**	**2**	**0**	**0**	**30**
California	695	284	625	3	0	0	57
Oregon	0	0	0	2	0	0	55
Washington	0	78	0	0	0	0	45
Pacific Noncontiguous	**4**	**11**	**0**	**0**	**0**	**0**	**0**
Alaska	36	0	0	0	0	0	0
Hawaii	0	11	0	0	0	0	0
U.S. Total	**1**	**5**	**1**	**0**	**5**	**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, March 2015 (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**	**11**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	66	6	0	8	1
Maine	0	0	0	0	1	0	17	5
Massachusetts	0	0	0	12	7	0	8	2
New Hampshire	0	0	0	0	12	0	49	2
Rhode Island	0	0	0	79	8	0	0	1
Vermont	0	0	0	36	24	0	0	26
Middle Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	12	8	0	16	1
New York	0	0	0	21	2	0	6	1
Pennsylvania	0	0	0	30	2	0	7	1
East North Central	**0**	**0**	**0**	**16**	**1**	**0**	**19**	**0**
Illinois	0	0	0	29	1	0	0	0
Indiana	0	0	0	22	1	0	0	2
Michigan	0	0	0	0	3	0	19	1
Ohio	0	0	0	34	5	0	0	1
Wisconsin	0	0	0	207	10	0	0	1
West North Central	**0**	**0**	**0**	**64**	**1**	**0**	**38**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	207	0	0	0	1
Minnesota	0	0	0	159	2	0	38	3
Missouri	0	0	0	75	2	0	0	5
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	2	0	0	2
South Atlantic	**0**	**0**	**0**	**7**	**3**	**0**	**5**	**1**
Delaware	0	0	0	32	28	0	0	7
Florida	0	0	0	32	4	0	6	6
Georgia	0	0	0	23	10	0	0	1
Maryland	0	0	0	23	3	0	0	1
North Carolina	0	0	0	8	7	0	28	4
South Carolina	0	0	0	131	64	0	160	24
Virginia	0	0	0	0	6	0	0	6
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**30**	**10**	**0**	**0**	**0**
Alabama	0	0	0	0	5	0	0	1
Kentucky	0	0	0	0	0	0	0	34
Mississippi	0	0	0	0	100	0	0	0
Tennessee	0	0	0	30	18	0	0	18
West South Central	**0**	**0**	**0**	**10**	**0**	**0**	**169**	**0**
Arkansas	0	0	0	0	30	0	0	0
Louisiana	0	0	0	0	40	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	10	0	0	169	0
Mountain	**0**	**6**	**0**	**2**	**1**	**0**	**3**	**2**
Arizona	0	0	0	2	2	0	0	1
Colorado	0	0	0	10	1	0	138	3
Idaho	0	71	0	0	6	0	0	6
Montana	0	0	0	0	3	0	0	5
Nevada	0	7	0	3	5	0	0	6
New Mexico	0	152	0	8	3	0	0	1
Utah	0	19	0	98	7	0	208	26
Wyoming	0	0	0	0	3	0	0	26
Pacific Contiguous	**0**	**5**	**0**	**1**	**1**	**0**	**18**	**1**
California	0	5	0	1	2	0	19	2
Oregon	0	0	0	51	3	0	65	2
Washington	0	0	0	0	1	0	46	4
Pacific Noncontiguous	**0**	**0**	**0**	**44**	**7**	**0**	**0**	**4**
Alaska	0	0	0	0	59	0	0	31
Hawaii	0	0	0	44	7	0	0	4
U.S. Total	**0**	**4**	**0**	**1**	**1**	**0**	**3**	**0**

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

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

Independent Power Producers by Census Division and State, Year-to-Date through March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**14**	**0**	**1**	**0**	**0**	**12**
Connecticut	0	29	0	2	0	0	57
Maine	0	1	0	1	0	0	15
Massachusetts	0	27	0	4	0	0	36
New Hampshire	0	1,889	0	0	0	0	32
Rhode Island	0	0	0	1	0	0	516
Vermont	0	0	0	0	0	0	37
Middle Atlantic	**1**	**7**	**0**	**1**	**0**	**0**	**12**
New Jersey	0	11	0	2	0	0	246
New York	0	6	0	3	0	0	16
Pennsylvania	1	16	0	2	0	0	15
East North Central	**0**	**1**	**0**	**1**	**12**	**0**	**55**
Illinois	0	0	0	4	0	0	68
Indiana	0	0	0	10	0	0	0
Michigan	0	5,042	0	3	0	0	93
Ohio	0	2	0	1	46	0	0
Wisconsin	0	10	0	0	0	0	100
West North Central	**93**	**103**	**0**	**8**	**0**	**0**	**70**
Iowa	0	118	0	0	0	0	400
Kansas	0	0	0	0	0	0	286
Minnesota	0	107	0	13	0	0	73
Missouri	93	0	0	10	0	0	0
South Dakota	0	171	0	0	0	0	0
South Atlantic	**3**	**10**	**0**	**2**	**0**	**0**	**6**
Delaware	0	16	0	9	0	0	0
Florida	0	101	0	9	0	0	0
Georgia	0	142	0	1	0	0	300
Maryland	0	13	0	15	0	0	2
North Carolina	56	148	0	0	0	0	138
South Carolina	0	143	0	25	0	0	107
Virginia	85	13	0	1	0	0	122
West Virginia	1	0	0	8	0	0	10
East South Central	**0**	**166**	**0**	**0**	**0**	**0**	**351**
Alabama	0	166	0	1	0	0	0
Kentucky	0	0	0	0	0	0	351
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Arkansas	0	0	0	0	0	0	170
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	0	0	0	0	0	0	193
Mountain	**8**	**73**	**0**	**4**	**0**	**0**	**10**
Arizona	0	0	0	0	0	0	0
Colorado	182	0	0	7	0	0	78
Idaho	0	0	0	6	0	0	33
Montana	8	6	0	306	0	0	10
Nevada	0	0	0	18	0	0	134
New Mexico	0	380	0	1	0	0	0
Utah	75	434	0	98	0	0	308
Wyoming	111	0	0	490	0	0	298
Pacific Contiguous	**695**	**242**	**625**	**2**	**0**	**0**	**30**
California	695	284	625	3	0	0	57
Oregon	0	0	0	2	0	0	55
Washington	0	78	0	0	0	0	45
Pacific Noncontiguous	**4**	**11**	**0**	**0**	**0**	**0**	**0**
Alaska	36	0	0	0	0	0	0
Hawaii	0	11	0	0	0	0	0
U.S. Total	**1**	**5**	**1**	**0**	**5**	**0**	**5**

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

Independent Power Producers by Census Division and State, Year-to-Date through March 2015 (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**	**11**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	66	6	0	8	1
Maine	0	0	0	0	1	0	17	5
Massachusetts	0	0	0	12	7	0	8	2
New Hampshire	0	0	0	0	12	0	49	2
Rhode Island	0	0	0	79	8	0	0	1
Vermont	0	0	0	36	24	0	0	26
Middle Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	12	8	0	16	1
New York	0	0	0	21	2	0	6	1
Pennsylvania	0	0	0	30	2	0	7	1
East North Central	**0**	**0**	**0**	**16**	**1**	**0**	**19**	**0**
Illinois	0	0	0	29	1	0	0	0
Indiana	0	0	0	22	1	0	0	2
Michigan	0	0	0	0	3	0	19	1
Ohio	0	0	0	34	5	0	0	1
Wisconsin	0	0	0	207	10	0	0	1
West North Central	**0**	**0**	**0**	**64**	**1**	**0**	**38**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	207	0	0	0	1
Minnesota	0	0	0	159	2	0	38	3
Missouri	0	0	0	75	2	0	0	5
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	2	0	0	2
South Atlantic	**0**	**0**	**0**	**7**	**3**	**0**	**5**	**1**
Delaware	0	0	0	32	28	0	0	7
Florida	0	0	0	32	4	0	6	6
Georgia	0	0	0	23	10	0	0	1
Maryland	0	0	0	23	3	0	0	1
North Carolina	0	0	0	8	7	0	28	4
South Carolina	0	0	0	131	64	0	160	24
Virginia	0	0	0	0	6	0	0	6
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**30**	**10**	**0**	**0**	**0**
Alabama	0	0	0	0	5	0	0	1
Kentucky	0	0	0	0	0	0	0	34
Mississippi	0	0	0	0	100	0	0	0
Tennessee	0	0	0	30	18	0	0	18
West South Central	**0**	**0**	**0**	**10**	**0**	**0**	**169**	**0**
Arkansas	0	0	0	0	30	0	0	0
Louisiana	0	0	0	0	40	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	10	0	0	169	0
Mountain	**0**	**6**	**0**	**2**	**1**	**0**	**3**	**2**
Arizona	0	0	0	2	2	0	0	1
Colorado	0	0	0	10	1	0	138	3
Idaho	0	71	0	0	6	0	0	6
Montana	0	0	0	0	3	0	0	5
Nevada	0	7	0	3	5	0	0	6
New Mexico	0	152	0	8	3	0	0	1
Utah	0	19	0	98	7	0	208	26
Wyoming	0	0	0	0	3	0	0	26
Pacific Contiguous	**0**	**5**	**0**	**1**	**1**	**0**	**18**	**1**
California	0	5	0	1	2	0	19	2
Oregon	0	0	0	51	3	0	65	2
Washington	0	0	0	0	1	0	46	4
Pacific Noncontiguous	**0**	**0**	**0**	**44**	**7**	**0**	**0**	**4**
Alaska	0	0	0	0	59	0	0	31
Hawaii	0	0	0	44	7	0	0	4
U.S. Total	**0**	**4**	**0**	**1**	**1**	**0**	**3**	**0**

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

Table A.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**71**	**0**	**46**	**0**	**0**	**449**
Connecticut	0	714	0	99	0	0	0
Maine	0	421	0	316	0	0	0
Massachusetts	0	85	0	39	0	0	449
New Hampshire	0	172	0	381	0	0	0
Rhode Island	0	177	0	285	0	0	0
Vermont	0	681	0	0	0	0	0
Middle Atlantic	**124**	**84**	**0**	**42**	**0**	**0**	**457**
New Jersey	0	351	0	130	0	0	0
New York	0	101	0	43	0	0	457
Pennsylvania	124	138	0	168	0	0	0
East North Central	**13**	**350**	**0**	**31**	**0**	**0**	**859**
Illinois	29	203	0	45	0	0	859
Indiana	41	1,879	0	102	0	0	0
Michigan	0	18	0	42	0	0	0
Ohio	326	1,311	0	133	0	0	0
Wisconsin	325	1,170	0	105	0	0	0
West North Central	**27**	**154**	**0**	**62**	**0**	**0**	**0**
Iowa	43	278	0	147	0	0	0
Minnesota	0	172	0	103	0	0	0
Missouri	0	538	0	0	0	0	0
Nebraska	0	0	0	1,391	0	0	0
North Dakota	0	431	0	0	0	0	0
South Dakota	0	645	0	0	0	0	0
South Atlantic	**12**	**116**	**0**	**75**	**0**	**0**	**185**
District of Columbia	0	0	0	205	0	0	0
Florida	0	0	0	201	0	0	0
Georgia	0	83	0	0	0	0	0
Maryland	203	130	0	88	0	0	0
North Carolina	0	312	0	0	0	0	180
South Carolina	0	270	0	412	0	0	549
Virginia	0	158	0	676	0	0	0
East South Central	**101**	**383**	**0**	**116**	**0**	**0**	**0**
Mississippi	0	0	0	266	0	0	0
Tennessee	101	383	0	125	0	0	0
West South Central	**0**	**541**	**0**	**34**	**0**	**0**	**0**
Arkansas	0	0	0	1,135	0	0	0
Louisiana	0	0	0	90	0	0	0
Oklahoma	0	9,798	0	268	0	0	0
Texas	0	541	0	36	0	0	0
Mountain	**0**	**3,379**	**0**	**86**	**0**	**0**	**334**
Arizona	0	543	0	144	0	0	0
Colorado	0	4,999	0	0	0	0	334
Nevada	0	0	0	173	0	0	0
New Mexico	0	0	0	229	0	0	0
Utah	0	0	0	167	0	0	0
Pacific Contiguous	**0**	**582**	**0**	**40**	**0**	**0**	**1,165**
California	0	687	0	42	0	0	1,165
Oregon	0	2,155	0	140	0	0	0
Washington	0	203	0	247	0	0	0
Pacific Noncontiguous	**12**	**41**	**0**	**413**	**0**	**0**	**0**
Alaska	12	104	0	413	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**10**	**49**	**0**	**17**	**0**	**0**	**150**

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, March 2015 (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**	**118**	**27**	**0**	**40**	**32**
Connecticut	0	0	0	0	70	0	82	84
Maine	0	0	0	0	38	0	45	50
Massachusetts	0	0	0	118	69	0	0	34
New Hampshire	0	0	0	0	53	0	0	120
Rhode Island	0	0	0	0	142	0	0	177
Vermont	0	0	0	0	432	0	0	366
Middle Atlantic	**0**	**0**	**0**	**21**	**9**	**0**	**12**	**20**
New Jersey	0	0	0	22	11	0	0	35
New York	0	0	0	189	22	0	31	29
Pennsylvania	0	0	0	99	9	0	0	51
East North Central	**0**	**0**	**0**	**119**	**16**	**0**	**20**	**22**
Illinois	0	0	0	0	231	0	0	41
Indiana	0	0	0	0	72	0	101	69
Michigan	0	0	0	0	14	0	19	22
Ohio	0	0	0	119	119	0	0	129
Wisconsin	0	0	0	0	77	0	0	90
West North Central	**0**	**0**	**0**	**0**	**30**	**0**	**87**	**28**
Iowa	0	0	0	0	61	0	0	47
Minnesota	0	0	0	0	51	0	87	65
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	73	0	0	102
North Dakota	0	0	0	0	0	0	0	431
South Dakota	0	0	0	0	0	0	0	645
South Atlantic	**0**	**0**	**0**	**30**	**13**	**0**	**16**	**30**
Delaware	0	0	0	0	188	0	0	188
District of Columbia	0	0	0	0	0	0	0	205
Florida	0	0	0	157	48	0	0	93
Georgia	0	0	0	119	57	0	0	54
Maryland	0	0	0	115	69	0	678	75
North Carolina	0	0	0	32	26	0	0	17
South Carolina	0	0	0	0	0	0	0	329
Virginia	0	0	0	0	12	0	16	11
East South Central	**0**	**0**	**0**	**140**	**140**	**0**	**0**	**104**
Mississippi	0	0	0	0	0	0	0	266
Tennessee	0	0	0	140	140	0	0	111
West South Central	**0**	**0**	**0**	**136**	**50**	**0**	**0**	**32**
Arkansas	0	0	0	0	138	0	0	232
Louisiana	0	0	0	0	0	0	0	90
Oklahoma	0	0	0	0	0	0	0	268
Texas	0	0	0	136	52	0	0	33
Mountain	**0**	**0**	**0**	**26**	**26**	**0**	**0**	**61**
Arizona	0	0	0	48	48	0	0	116
Colorado	0	0	0	56	50	0	0	89
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	37	37	0	0	99
New Mexico	0	0	0	0	270	0	0	213
Utah	0	0	0	0	0	0	0	167
Pacific Contiguous	**0**	**0**	**0**	**24**	**8**	**0**	**0**	**21**
California	0	0	0	24	8	0	0	22
Oregon	0	0	0	0	71	0	0	109
Washington	0	0	0	0	94	0	0	160
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**8**
Alaska	0	0	0	0	46	0	0	17
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**13**	**6**	**0**	**8**	**9**

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

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

Commercial Sector by Census Division and State, Year-to-Date through March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**71**	**0**	**46**	**0**	**0**	**449**
Connecticut	0	714	0	99	0	0	0
Maine	0	421	0	316	0	0	0
Massachusetts	0	85	0	39	0	0	449
New Hampshire	0	172	0	381	0	0	0
Rhode Island	0	177	0	285	0	0	0
Vermont	0	681	0	0	0	0	0
Middle Atlantic	**124**	**84**	**0**	**42**	**0**	**0**	**457**
New Jersey	0	351	0	130	0	0	0
New York	0	101	0	43	0	0	457
Pennsylvania	124	138	0	168	0	0	0
East North Central	**13**	**350**	**0**	**31**	**0**	**0**	**859**
Illinois	29	203	0	45	0	0	859
Indiana	41	1,879	0	102	0	0	0
Michigan	0	18	0	42	0	0	0
Ohio	326	1,311	0	133	0	0	0
Wisconsin	325	1,170	0	105	0	0	0
West North Central	**27**	**154**	**0**	**62**	**0**	**0**	**0**
Iowa	43	278	0	147	0	0	0
Minnesota	0	172	0	103	0	0	0
Missouri	0	538	0	0	0	0	0
Nebraska	0	0	0	1,391	0	0	0
North Dakota	0	431	0	0	0	0	0
South Dakota	0	645	0	0	0	0	0
South Atlantic	**12**	**116**	**0**	**75**	**0**	**0**	**185**
District of Columbia	0	0	0	205	0	0	0
Florida	0	0	0	201	0	0	0
Georgia	0	83	0	0	0	0	0
Maryland	203	130	0	88	0	0	0
North Carolina	0	312	0	0	0	0	180
South Carolina	0	270	0	412	0	0	549
Virginia	0	158	0	676	0	0	0
East South Central	**101**	**383**	**0**	**116**	**0**	**0**	**0**
Mississippi	0	0	0	266	0	0	0
Tennessee	101	383	0	125	0	0	0
West South Central	**0**	**541**	**0**	**34**	**0**	**0**	**0**
Arkansas	0	0	0	1,135	0	0	0
Louisiana	0	0	0	90	0	0	0
Oklahoma	0	9,798	0	268	0	0	0
Texas	0	541	0	36	0	0	0
Mountain	**0**	**3,379**	**0**	**86**	**0**	**0**	**334**
Arizona	0	543	0	144	0	0	0
Colorado	0	4,999	0	0	0	0	334
Nevada	0	0	0	173	0	0	0
New Mexico	0	0	0	229	0	0	0
Utah	0	0	0	167	0	0	0
Pacific Contiguous	**0**	**582**	**0**	**40**	**0**	**0**	**1,165**
California	0	687	0	42	0	0	1,165
Oregon	0	2,155	0	140	0	0	0
Washington	0	203	0	247	0	0	0
Pacific Noncontiguous	**12**	**41**	**0**	**413**	**0**	**0**	**0**
Alaska	12	104	0	413	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**10**	**49**	**0**	**17**	**0**	**0**	**150**

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 March 2015 (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**	**118**	**27**	**0**	**40**	**32**
Connecticut	0	0	0	0	70	0	82	84
Maine	0	0	0	0	38	0	45	50
Massachusetts	0	0	0	118	69	0	0	34
New Hampshire	0	0	0	0	53	0	0	120
Rhode Island	0	0	0	0	142	0	0	177
Vermont	0	0	0	0	432	0	0	366
Middle Atlantic	**0**	**0**	**0**	**21**	**9**	**0**	**12**	**20**
New Jersey	0	0	0	22	11	0	0	35
New York	0	0	0	189	22	0	31	29
Pennsylvania	0	0	0	99	9	0	0	51
East North Central	**0**	**0**	**0**	**119**	**16**	**0**	**20**	**22**
Illinois	0	0	0	0	231	0	0	41
Indiana	0	0	0	0	72	0	101	69
Michigan	0	0	0	0	14	0	19	22
Ohio	0	0	0	119	119	0	0	129
Wisconsin	0	0	0	0	77	0	0	90
West North Central	**0**	**0**	**0**	**0**	**30**	**0**	**87**	**28**
Iowa	0	0	0	0	61	0	0	47
Minnesota	0	0	0	0	51	0	87	65
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	73	0	0	102
North Dakota	0	0	0	0	0	0	0	431
South Dakota	0	0	0	0	0	0	0	645
South Atlantic	**0**	**0**	**0**	**30**	**13**	**0**	**16**	**30**
Delaware	0	0	0	0	188	0	0	188
District of Columbia	0	0	0	0	0	0	0	205
Florida	0	0	0	157	48	0	0	93
Georgia	0	0	0	119	57	0	0	54
Maryland	0	0	0	115	69	0	678	75
North Carolina	0	0	0	32	26	0	0	17
South Carolina	0	0	0	0	0	0	0	329
Virginia	0	0	0	0	12	0	16	11
East South Central	**0**	**0**	**0**	**140**	**140**	**0**	**0**	**104**
Mississippi	0	0	0	0	0	0	0	266
Tennessee	0	0	0	140	140	0	0	111
West South Central	**0**	**0**	**0**	**136**	**50**	**0**	**0**	**32**
Arkansas	0	0	0	0	138	0	0	232
Louisiana	0	0	0	0	0	0	0	90
Oklahoma	0	0	0	0	0	0	0	268
Texas	0	0	0	136	52	0	0	33
Mountain	**0**	**0**	**0**	**26**	**26**	**0**	**0**	**61**
Arizona	0	0	0	48	48	0	0	116
Colorado	0	0	0	56	50	0	0	89
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	37	37	0	0	99
New Mexico	0	0	0	0	270	0	0	213
Utah	0	0	0	0	0	0	0	167
Pacific Contiguous	**0**	**0**	**0**	**24**	**8**	**0**	**0**	**21**
California	0	0	0	24	8	0	0	22
Oregon	0	0	0	0	71	0	0	109
Washington	0	0	0	0	94	0	0	160
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**8**
Alaska	0	0	0	0	46	0	0	17
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**13**	**6**	**0**	**8**	**9**

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

Table A.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**23**	**73**	**0**	**46**	**0**	**0**	**29**
Connecticut	0	729	0	74	0	0	0
Maine	0	58	0	61	0	0	29
Massachusetts	92	971	0	147	0	0	600
New Hampshire	0	200	0	309	0	0	0
Middle Atlantic	**11**	**13**	**90**	**40**	**24**	**0**	**136**
New Jersey	0	250	0	82	76	0	0
New York	0	5	0	91	0	0	136
Pennsylvania	18	156	90	51	21	0	0
East North Central	**5**	**29**	**51**	**32**	**16**	**0**	**73**
Illinois	6	0	0	86	66	0	0
Indiana	124	5	0	46	13	0	0
Michigan	31	42	114	52	0	0	187
Ohio	14	119	336	152	83	0	0
Wisconsin	8	64	0	73	0	0	80
West North Central	**8**	**129**	**176**	**58**	**145**	**0**	**98**
Iowa	8	260	176	111	0	0	0
Kansas	0	0	0	119	0	0	0
Minnesota	19	165	0	80	0	0	98
Missouri	76	0	0	651	0	0	0
Nebraska	26	0	0	336	0	0	0
North Dakota	51	254	0	291	145	0	0
South Atlantic	**18**	**21**	**0**	**11**	**0**	**0**	**12**
Delaware	0	0	0	0	0	0	0
Florida	135	87	0	21	0	0	0
Georgia	48	32	0	20	0	0	219
Maryland	0	1,017	0	239	0	0	0
North Carolina	110	29	0	72	0	0	27
South Carolina	0	0	0	98	0	0	0
Virginia	41	55	0	38	0	0	322
West Virginia	5	0	0	643	0	0	6
East South Central	**9**	**61**	**0**	**13**	**197**	**0**	**24**
Alabama	78	73	0	20	261	0	0
Kentucky	0	0	0	106	0	0	0
Mississippi	0	0	0	11	0	0	0
Tennessee	3	601	0	50	0	0	24
West South Central	**77**	**60**	**43**	**3**	**14**	**0**	**0**
Arkansas	0	0	0	21	0	0	0
Louisiana	0	0	60	4	17	0	0
Oklahoma	98	326	0	115	0	0	0
Texas	0	232	36	3	20	0	0
Mountain	**11**	**1,139**	**0**	**26**	**10**	**0**	**0**
Colorado	1,225	579	0	0	0	0	0
Idaho	52	0	0	93	0	0	0
Montana	170	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	531	0	0	0	0	0
Utah	0	1,966	0	74	345	0	0
Wyoming	23	946	0	21	8	0	0
Pacific Contiguous	**0**	**112**	**0**	**12**	**15**	**0**	**0**
California	0	365	0	13	15	0	0
Oregon	0	0	0	145	0	0	0
Washington	0	71	0	0	0	0	0
Pacific Noncontiguous	**309**	**48**	**0**	**167**	**302**	**0**	**142**
Alaska	0	28	0	167	0	0	0
Hawaii	309	52	0	0	302	0	142
U.S. Total	**5**	**28**	**26**	**3**	**8**	**0**	**12**

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, March 2015 (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**	**5**	**0**	**28**	**17**
Connecticut	0	0	0	0	0	0	0	74
Maine	0	0	0	0	5	0	28	14
Massachusetts	0	0	0	0	213	0	0	120
New Hampshire	0	0	0	0	0	0	0	306
Middle Atlantic	**0**	**0**	**0**	**67**	**13**	**0**	**0**	**18**
New Jersey	0	0	0	183	183	0	0	68
New York	0	0	0	0	3	0	0	24
Pennsylvania	0	0	0	72	18	0	0	22
East North Central	**0**	**0**	**0**	**169**	**11**	**0**	**9**	**7**
Illinois	0	0	0	0	0	0	27	14
Indiana	0	0	0	0	48	0	0	13
Michigan	0	0	0	0	19	0	0	19
Ohio	0	0	0	169	17	0	0	24
Wisconsin	0	0	0	0	18	0	78	12
West North Central	**0**	**0**	**0**	**0**	**14**	**0**	**60**	**8**
Iowa	0	0	0	0	0	0	0	9
Kansas	0	0	0	0	0	0	0	119
Minnesota	0	0	0	0	15	0	60	14
Missouri	0	0	0	0	180	0	0	96
Nebraska	0	0	0	0	0	0	0	30
North Dakota	0	0	0	0	75	0	0	49
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**6**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	11	0	6	8
Georgia	0	0	0	0	6	0	0	6
Maryland	0	0	0	0	0	0	0	32
North Carolina	0	0	0	0	11	0	0	13
South Carolina	0	0	0	0	1	0	0	2
Virginia	0	0	0	0	8	0	0	10
West Virginia	0	0	0	0	0	0	0	4
East South Central	**0**	**0**	**0**	**0**	**7**	**0**	**33**	**5**
Alabama	0	0	0	0	10	0	0	9
Kentucky	0	0	0	0	6	0	0	44
Mississippi	0	0	0	0	7	0	206	7
Tennessee	0	0	0	0	19	0	0	9
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**9**	**2**
Arkansas	0	0	0	0	6	0	0	7
Louisiana	0	0	0	0	10	0	8	3
Oklahoma	0	0	0	0	33	0	124	40
Texas	0	0	0	0	19	0	14	3
Mountain	**0**	**0**	**0**	**128**	**5**	**0**	**74**	**10**
Colorado	0	0	0	0	253	0	73	82
Idaho	0	0	0	0	5	0	0	18
Montana	0	0	0	0	0	0	0	170
Nevada	0	0	0	128	128	0	0	128
New Mexico	0	0	0	0	0	0	0	531
Utah	0	0	0	0	0	0	0	25
Wyoming	0	0	0	0	0	0	0	12
Pacific Contiguous	**0**	**0**	**0**	**94**	**11**	**0**	**14**	**9**
California	0	0	0	94	28	0	15	10
Oregon	0	0	0	0	17	0	0	19
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**27**	**0**	**0**	**36**
Alaska	0	0	0	0	100	0	0	72
Hawaii	0	0	0	0	28	0	0	39
U.S. Total	**0**	**0**	**0**	**50**	**3**	**0**	**6**	**2**

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

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

Industrial Sector by Census Division and State, Year-to-Date through March 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**23**	**73**	**0**	**46**	**0**	**0**	**29**
Connecticut	0	729	0	74	0	0	0
Maine	0	58	0	61	0	0	29
Massachusetts	92	971	0	147	0	0	600
New Hampshire	0	200	0	309	0	0	0
Middle Atlantic	**11**	**13**	**90**	**40**	**24**	**0**	**136**
New Jersey	0	250	0	82	76	0	0
New York	0	5	0	91	0	0	136
Pennsylvania	18	156	90	51	21	0	0
East North Central	**5**	**29**	**51**	**32**	**16**	**0**	**73**
Illinois	6	0	0	86	66	0	0
Indiana	124	5	0	46	13	0	0
Michigan	31	42	114	52	0	0	187
Ohio	14	119	336	152	83	0	0
Wisconsin	8	64	0	73	0	0	80
West North Central	**8**	**129**	**176**	**58**	**145**	**0**	**98**
Iowa	8	260	176	111	0	0	0
Kansas	0	0	0	119	0	0	0
Minnesota	19	165	0	80	0	0	98
Missouri	76	0	0	651	0	0	0
Nebraska	26	0	0	336	0	0	0
North Dakota	51	254	0	291	145	0	0
South Atlantic	**18**	**21**	**0**	**11**	**0**	**0**	**12**
Delaware	0	0	0	0	0	0	0
Florida	135	87	0	21	0	0	0
Georgia	48	32	0	20	0	0	219
Maryland	0	1,017	0	239	0	0	0
North Carolina	110	29	0	72	0	0	27
South Carolina	0	0	0	98	0	0	0
Virginia	41	55	0	38	0	0	322
West Virginia	5	0	0	643	0	0	6
East South Central	**9**	**61**	**0**	**13**	**197**	**0**	**24**
Alabama	78	73	0	20	261	0	0
Kentucky	0	0	0	106	0	0	0
Mississippi	0	0	0	11	0	0	0
Tennessee	3	601	0	50	0	0	24
West South Central	**77**	**60**	**43**	**3**	**14**	**0**	**0**
Arkansas	0	0	0	21	0	0	0
Louisiana	0	0	60	4	17	0	0
Oklahoma	98	326	0	115	0	0	0
Texas	0	232	36	3	20	0	0
Mountain	**11**	**1,139**	**0**	**26**	**10**	**0**	**0**
Colorado	1,225	579	0	0	0	0	0
Idaho	52	0	0	93	0	0	0
Montana	170	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	531	0	0	0	0	0
Utah	0	1,966	0	74	345	0	0
Wyoming	23	946	0	21	8	0	0
Pacific Contiguous	**0**	**112**	**0**	**12**	**15**	**0**	**0**
California	0	365	0	13	15	0	0
Oregon	0	0	0	145	0	0	0
Washington	0	71	0	0	0	0	0
Pacific Noncontiguous	**309**	**48**	**0**	**167**	**302**	**0**	**142**
Alaska	0	28	0	167	0	0	0
Hawaii	309	52	0	0	302	0	142
U.S. Total	**5**	**28**	**26**	**3**	**8**	**0**	**12**

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 March 2015 (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**	**5**	**0**	**28**	**17**
Connecticut	0	0	0	0	0	0	0	74
Maine	0	0	0	0	5	0	28	14
Massachusetts	0	0	0	0	213	0	0	120
New Hampshire	0	0	0	0	0	0	0	306
Middle Atlantic	**0**	**0**	**0**	**67**	**13**	**0**	**0**	**18**
New Jersey	0	0	0	183	183	0	0	68
New York	0	0	0	0	3	0	0	24
Pennsylvania	0	0	0	72	18	0	0	22
East North Central	**0**	**0**	**0**	**169**	**11**	**0**	**9**	**7**
Illinois	0	0	0	0	0	0	27	14
Indiana	0	0	0	0	48	0	0	13
Michigan	0	0	0	0	19	0	0	19
Ohio	0	0	0	169	17	0	0	24
Wisconsin	0	0	0	0	18	0	78	12
West North Central	**0**	**0**	**0**	**0**	**14**	**0**	**60**	**8**
Iowa	0	0	0	0	0	0	0	9
Kansas	0	0	0	0	0	0	0	119
Minnesota	0	0	0	0	15	0	60	14
Missouri	0	0	0	0	180	0	0	96
Nebraska	0	0	0	0	0	0	0	30
North Dakota	0	0	0	0	75	0	0	49
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**6**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	11	0	6	8
Georgia	0	0	0	0	6	0	0	6
Maryland	0	0	0	0	0	0	0	32
North Carolina	0	0	0	0	11	0	0	13
South Carolina	0	0	0	0	1	0	0	2
Virginia	0	0	0	0	8	0	0	10
West Virginia	0	0	0	0	0	0	0	4
East South Central	**0**	**0**	**0**	**0**	**7**	**0**	**33**	**5**
Alabama	0	0	0	0	10	0	0	9
Kentucky	0	0	0	0	6	0	0	44
Mississippi	0	0	0	0	7	0	206	7
Tennessee	0	0	0	0	19	0	0	9
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**9**	**2**
Arkansas	0	0	0	0	6	0	0	7
Louisiana	0	0	0	0	10	0	8	3
Oklahoma	0	0	0	0	33	0	124	40
Texas	0	0	0	0	19	0	14	3
Mountain	**0**	**0**	**0**	**128**	**5**	**0**	**74**	**10**
Colorado	0	0	0	0	253	0	73	82
Idaho	0	0	0	0	5	0	0	18
Montana	0	0	0	0	0	0	0	170
Nevada	0	0	0	128	128	0	0	128
New Mexico	0	0	0	0	0	0	0	531
Utah	0	0	0	0	0	0	0	25
Wyoming	0	0	0	0	0	0	0	12
Pacific Contiguous	**0**	**0**	**0**	**94**	**11**	**0**	**14**	**9**
California	0	0	0	94	28	0	15	10
Oregon	0	0	0	0	17	0	0	19
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**27**	**0**	**0**	**36**
Alaska	0	0	0	0	100	0	0	72
Hawaii	0	0	0	0	28	0	0	39
U.S. Total	**0**	**0**	**0**	**50**	**3**	**0**	**6**	**2**

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

Table A.6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, March 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**0**	**3**	**0**	**1**
Connecticut	1	1	5	0	1
Maine	1	1	1	0	1
Massachusetts	2	1	8	0	1
New Hampshire	1	1	5	0	1
Rhode Island	1	1	0	0	0
Vermont	5	3	9	0	3
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	3	0	0
New York	1	0	3	0	0
Pennsylvania	1	0	1	0	0
East North Central	**1**	**1**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	2	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	1	7	3	0	2
Kansas	4	1	3	0	2
Minnesota	1	4	4	0	2
Missouri	2	1	6	0	2
Nebraska	2	7	5	0	3
North Dakota	1	4	6	0	3
South Dakota	2	8	8	0	4
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	2	2	9	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	2	0	1
Georgia	3	1	2	0	1
Maryland	1	1	5	0	1
North Carolina	2	1	2	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	3	1	1	0	1
Kentucky	3	2	3	0	2
Mississippi	3	2	2	0	2
Tennessee	2	2	5	0	1
West South Central	**1**	**0**	**1**	**0**	**1**
Arkansas	2	2	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	3	1	2	0	1
Texas	1	1	1	0	1
Mountain	**1**	**2**	**1**	**0**	**1**
Arizona	1	3	2	0	1
Colorado	1	5	4	0	2
Idaho	1	4	3	0	2
Montana	2	7	6	0	3
Nevada	1	3	1	0	1
New Mexico	2	8	6	0	4
Utah	2	6	2	0	2
Wyoming	2	6	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	1	2	0	1
Oregon	1	4	5	0	2
Washington	1	4	4	0	2
Pacific Noncontiguous	**1**	**4**	**2**	**0**	**2**
Alaska	2	8	8	0	4
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 March 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**0**	**3**	**0**	**1**
Connecticut	1	1	5	0	1
Maine	1	1	1	0	1
Massachusetts	1	1	7	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	0	0	0	0
Vermont	3	3	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	3	0	1
New York	0	0	2	0	0
Pennsylvania	0	0	1	0	0
East North Central	**1**	**1**	**1**	**0**	**0**
Illinois	1	1	1	0	1
Indiana	1	1	2	0	1
Michigan	0	2	1	0	1
Ohio	1	1	2	0	1
Wisconsin	1	3	2	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	1	5	3	0	2
Kansas	2	1	2	0	1
Minnesota	1	3	3	0	1
Missouri	2	1	4	0	1
Nebraska	1	6	4	0	2
North Dakota	1	3	5	0	2
South Dakota	2	7	6	0	3
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	5	4	8	0	3
District of Columbia	9	2	12	0	3
Florida	1	0	2	0	1
Georgia	2	1	1	0	1
Maryland	2	1	4	0	1
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	2	1	2	0	1
Tennessee	1	1	4	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	2	1	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	0	1	0	0
Mountain	**1**	**2**	**1**	**0**	**1**
Arizona	1	2	2	0	1
Colorado	1	4	4	0	2
Idaho	1	3	2	0	1
Montana	2	6	4	0	2
Nevada	1	3	1	0	1
New Mexico	2	6	5	0	3
Utah	2	4	1	0	2
Wyoming	2	5	2	0	2
Pacific Contiguous	**0**	**1**	**1**	**0**	**1**
California	0	1	1	0	1
Oregon	1	3	4	0	2
Washington	1	3	3	0	1
Pacific Noncontiguous	**1**	**3**	**2**	**0**	**1**
Alaska	2	7	7	0	3
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, March 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**1**	**2**	**0**	**1**
Connecticut	1	2	5	0	1
Maine	1	3	2	0	1
Massachusetts	1	1	4	0	1
New Hampshire	1	1	4	0	1
Rhode Island	1	12	0	0	5
Vermont	4	3	7	0	2
Middle Atlantic	**0**	**1**	**2**	**0**	**0**
New Jersey	1	0	2	0	0
New York	0	0	1	0	0
Pennsylvania	1	2	3	0	1
East North Central	**1**	**1**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	2	2	2	0	1
Michigan	1	1	3	0	1
Ohio	1	1	3	0	1
Wisconsin	1	2	4	0	1
West North Central	**1**	**1**	**3**	**0**	**1**
Iowa	2	6	6	0	3
Kansas	4	2	4	0	2
Minnesota	1	3	6	0	2
Missouri	3	2	5	0	2
Nebraska	2	6	8	0	3
North Dakota	2	3	8	0	3
South Dakota	2	7	11	0	3
South Atlantic	**1**	**0**	**1**	**0**	**1**
Delaware	2	2	8	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	3	0	1
Georgia	3	1	3	0	1
Maryland	1	1	2	0	1
North Carolina	2	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	1	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	3	2	2	0	1
Kentucky	3	2	3	0	2
Mississippi	4	2	3	0	2
Tennessee	2	2	5	0	1
West South Central	**1**	**1**	**1**	**0**	**1**
Arkansas	3	2	3	0	2
Louisiana	3	1	1	0	1
Oklahoma	3	2	4	0	2
Texas	1	1	2	0	1
Mountain	**1**	**3**	**2**	**0**	**1**
Arizona	1	3	4	0	1
Colorado	2	5	7	0	3
Idaho	1	3	4	0	2
Montana	2	5	13	0	3
Nevada	1	18	1	0	6
New Mexico	3	8	10	0	4
Utah	2	6	3	0	3
Wyoming	2	5	3	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	1	2	0	1
Oregon	1	3	8	0	2
Washington	1	2	6	0	1
Pacific Noncontiguous	**1**	**2**	**2**	**0**	**1**
Alaska	3	6	10	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**0**	**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 March 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**0**	**0**
Connecticut	0	1	4	0	1
Maine	1	2	2	0	1
Massachusetts	1	1	4	0	1
New Hampshire	1	1	3	0	0
Rhode Island	0	9	0	0	4
Vermont	3	2	5	0	2
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	1	0	2	0	1
New York	0	0	1	0	0
Pennsylvania	0	2	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	0	1	2	0	1
Ohio	1	1	2	0	1
Wisconsin	1	2	4	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	1	5	5	0	2
Kansas	3	2	3	0	1
Minnesota	1	3	5	0	1
Missouri	2	1	5	0	1
Nebraska	2	5	7	0	2
North Dakota	1	3	6	0	2
South Dakota	2	5	8	0	3
South Atlantic	**1**	**0**	**1**	**8**	**0**
Delaware	6	4	8	0	4
District of Columbia	12	3	7	19	4
Florida	1	1	2	0	1
Georgia	2	1	2	0	1
Maryland	2	1	2	0	1
North Carolina	1	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	3	2	3	0	1
Tennessee	1	1	4	0	1
West South Central	**1**	**1**	**1**	**0**	**1**
Arkansas	2	2	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	2	3	0	1
Texas	1	1	1	0	1
Mountain	**1**	**2**	**2**	**0**	**1**
Arizona	1	2	3	0	1
Colorado	2	4	6	0	2
Idaho	1	3	3	0	1
Montana	2	4	9	0	2
Nevada	1	16	1	0	5
New Mexico	3	6	8	0	3
Utah	2	5	2	0	2
Wyoming	2	4	3	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**0**
California	0	1	2	0	0
Oregon	1	3	6	0	2
Washington	1	2	5	0	1
Pacific Noncontiguous	**1**	**2**	**2**	**0**	**1**
Alaska	2	5	8	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**1**	**0**

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

Table A.8.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, March 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**0**	**1**
Connecticut	0	2	5	0	1
Maine	1	3	1	0	1
Massachusetts	1	0	5	0	1
New Hampshire	1	0	2	0	1
Rhode Island	1	12	0	0	5
Vermont	2	2	3	0	1
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	0	0	1	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	3	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	0	1	0	0
Indiana	1	1	1	0	1
Michigan	0	1	2	0	0
Ohio	0	0	1	0	0
Wisconsin	1	1	3	0	1
West North Central	**0**	**1**	**2**	**0**	**0**
Iowa	1	2	4	0	1
Kansas	1	1	2	0	1
Minnesota	1	1	4	0	1
Missouri	1	1	2	0	1
Nebraska	1	2	4	0	2
North Dakota	1	1	4	0	2
South Dakota	1	3	6	0	2
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	1	1	3	0	1
District of Columbia	0	0	0	0	0
Florida	0	0	2	0	0
Georgia	1	1	2	0	1
Maryland	0	0	3	0	0
North Carolina	1	1	1	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	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	2	0	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	2	0	1
Texas	0	1	1	0	0
Mountain	**0**	**2**	**1**	**0**	**1**
Arizona	0	1	2	0	0
Colorado	1	1	4	0	1
Idaho	1	1	2	0	1
Montana	1	3	8	0	1
Nevada	0	18	1	0	6
New Mexico	1	2	6	0	2
Utah	1	2	2	0	1
Wyoming	1	2	2	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	2	4	0	1
Washington	1	1	4	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	4	6	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**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 March 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**1**	**3**	**0**	**1**
Connecticut	0	1	5	0	1
Maine	1	2	2	0	1
Massachusetts	1	1	6	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	9	0	0	4
Vermont	3	3	6	0	2
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	1	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	2	0	1
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	0	1	2	0	1
Ohio	1	1	2	0	1
Wisconsin	1	2	3	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	1	5	4	0	2
Kansas	2	1	3	0	1
Minnesota	1	3	4	0	2
Missouri	2	1	5	0	1
Nebraska	2	5	6	0	2
North Dakota	1	3	6	0	2
South Dakota	2	6	8	0	3
South Atlantic	**1**	**0**	**1**	**8**	**0**
Delaware	3	3	8	0	3
District of Columbia	8	3	12	19	3
Florida	1	1	2	0	1
Georgia	2	1	2	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	2	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	2	2	3	0	1
Tennessee	1	2	4	0	1
West South Central	**1**	**1**	**1**	**0**	**0**
Arkansas	2	2	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	2	3	0	1
Texas	1	1	1	0	1
Mountain	**1**	**2**	**2**	**0**	**1**
Arizona	1	2	3	0	1
Colorado	2	4	5	0	2
Idaho	1	3	3	0	1
Montana	2	5	8	0	2
Nevada	1	16	1	0	5
New Mexico	3	6	7	0	3
Utah	2	5	2	0	2
Wyoming	2	5	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	1	2	0	1
Oregon	1	4	6	0	2
Washington	1	3	4	0	1
Pacific Noncontiguous	**1**	**3**	**2**	**0**	**1**
Alaska	2	6	8	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**1**	**0**

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

Table B.1 Major Disturbances and Unusual Occurrences, Year-to-Date 2015

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
2015	1	01/07/2015 5:00 PM	01/08/2015 8:35 AM	15 Hours, 35 Minutes	Tennessee Valley Authority	SERC	Tennessee, Kentucky, Virginia, North Carolina, Georgia, Alabama, Missouri	Public appeal to reduce the use of electricity - Severe Weather - Winter	Unknown	Unknown
2015	1	01/07/2015 5:00 PM	01/08/2015 8:35 AM	15 Hours, 35 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public appeal to reduce the use of electricity - Severe Weather - Winter	Unknown	Unknown
2015	2	02/06/2015 8:58 PM	ongoing	ongoing	Pacific Gas & Electric Co	WECC	Northern California	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather - Wind	Unknown	65000
2015	2	02/16/2015 9:00 PM	02/18/2015 2:00 PM	41 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee, Kentucky, Virginia, North Carolina, Georgia, Alabama, Missouri	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	67189
2015	2	02/16/2015 9:41 PM	02/18/2015 7:00 AM	33 Hours, 19 Minutes	Southern Company	SERC	Northern/North Eastern, Georgia	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	620	186035
2015	2	02/17/2015 2:12 AM	02/18/2015 4:00 PM	37 Hours, 48 Minutes	Duke Energy Carolinas	SERC	North Carolina, South Carolina	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	68000
2015	2	02/17/2015 9:00 AM	02/18/2015 11:00 PM	38 Hours, 0 Minutes	Duke Energy Progress	SERC	North Carolina, South Carolina	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	52000
2015	2	02/18/2015 3:00 PM	02/20/2015 9:00 AM	42 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee, Kentucky, Virginia, North Carolina, Georgia, Alabama, Missouri	Public appeal to reduce the use of electricity - Severe Weather- Winter	Unknown	Unknown
2015	2	02/20/2015 6:00 AM	02/20/2015 10:00 AM	4 Hours, 0 Minutes	Duke Energy Progress	SERC	North Carolina, South Carolina	System-wide voltage reductions of 3 percent or more - Severe Weather- Winter	Unknown	Unknown
2015	2	02/21/2015 8:34 AM	02/21/2015 12:45 PM	4 Hours, 11 Minutes	Tennessee Valley Authority	SERC	Fentress County, Tennessee	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	50000
2015	2	02/26/2015 3:12 AM	02/26/2015 8:00 PM	16 Hours, 48 Minutes	Duke Energy Progress	SERC	North Carolina, South Carolina	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	124000
2015	2	02/26/2015 3:30 AM	02/27/2015 12:00 PM	32 Hours, 30 Minutes	Duke Energy Carolinas	SERC	North Carolina	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	400	103776
2015	3	03/15/2015 3:30 PM	03/15/2015 7:00 PM	3 Hours, 30 Minutes	Portland General Electric Co	WECC	Greater Portland & Salem , Oregon	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather - Wind	210	71000
2015	3	03/22/2015 4:25 PM	03/22/2015 4:26 PM	0 Hours, 1 Minutes	AES Laurel Mountain, LLC	RFC	West Virginia	Suspected Physical Attack - Vandalism	24	0
2015	3	03/26/2015 3:21 PM	03/26/2015 4:59 PM	1 Hours, 38 Minutes	Pacific Gas & Electric Co	WECC	Contra Costa County, California	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - System Operations	15	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, 2014

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2014	1	01/06/2014 7:01 AM	01/07/2014 9:00 AM	25 Hours, 59 Minutes	ERCOT	TRE	Texas	Public Appeal due to Severe Weather - Cold	N/A	N/A
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PPL Electric Utilities Corp	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PJM Interconnection	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	Potomac Electric Power Co	RFC	District of Columbia	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:49 PM	0 Hours, 59 Minutes	UGI Utilities, Inc	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	200	62000
2014	1	01/06/2014 7:52 PM	01/06/2014 8:45 PM	0 Hours, 53 Minutes	Delmarva Power & Light Company	RFC	Delaware	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 8:45 PM	01/07/2014 9:00 PM	24 Hours, 15 Minutes	PJM Interconnection	RFC	Unknown	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 10:00 PM	01/06/2014 10:01 PM	0 Hours, 1 Minutes	Louisville Gas & Electric Co	RFC	Kentucky	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Tennessee Valley Authority	SERC	Northeast Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 7:58 AM	01/07/2014 11:00 AM	3 Hours, 2 Minutes	Duke Energy Progress	SERC	North Carolina	Voltage Reduction; Public Appeal due to Severe Weather - Cold	14435	Unknown
2014	1	01/07/2014 9:30 AM	01/08/2014 9:30 AM	24 Hours, 0 Minutes	Duke Energy Carolinas	SERC	Piedmont North Carolina, Piedmont South Carolina	Fuel Supply Emergency due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 10:59 AM	01/09/2014 9:00 AM	46 Hours, 1 Minutes	Prairie Power, Inc.	RFC	Illinois	Fuel Supply Emergency - Natural Gas	N/A	N/A
2014	1	01/07/2014 4:15 PM	01/08/2014 1:20 PM	21 Hours, 5 Minutes	Duke Energy Progress	SERC	North Carolina	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 PM	01/07/2014 11:00 PM	5 Hours, 0 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4853	677858
2014	1	01/07/2014 9:00 PM	01/08/2014 9:00 AM	12 Hours, 0 Minutes	PJM Interconnection	RFC	Unknown	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/08/2014 5:00 AM	01/08/2014 6:30 AM	1 Hours, 30 Minutes	American Electric Power	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	576	Unknown
2014	1	01/08/2014 6:00 AM	01/08/2014 9:00 AM	3 Hours, 0 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4545	677858
2014	1	01/17/2014 10:30 AM	01/28/2014 9:00 AM	262 Hours, 30 Minutes	Prairie Power, Inc.	RFC	Illinois	Fuel Supply Emergency - Natural Gas	Unknown	Unknown
2014	1	01/18/2014 9:00 AM	01/18/2014 9:45 AM	0 Hours, 45 Minutes	ERCOT	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	1	01/18/2014 5:39 PM	. .	. Hours, . Minutes	First Energy Solutions Corp.	RFC	Unknown	Electrical System Islanding	Unknown	Unknown
2014	1	01/23/2014 4:00 AM	01/24/2014 12:00 PM	32 Hours, 0 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 1:04 PM	01/24/2014 9:00 AM	19 Hours, 56 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 4:00 PM	01/24/2014 12:00 PM	20 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/24/2014 12:00 AM	ongoing	ongoing	We Energies	RFC	Wisconsin	Fuel Supply Emergency - Coal	Unknown	
2014	1	01/27/2014 2:20 PM	01/28/2014 9:00 PM	30 Hours, 40 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	2	02/05/2014 12:00 AM	02/09/2014 6:00 PM	114 Hours, 0 Minutes	FirstEnergy Corp: Potomac Edison	RFC	Maryland, West Virginia	Severe Weather - Snow/Ice	Unknown	101580
2014	2	02/05/2014 1:00 AM	02/09/2014 8:40 PM	115 Hours, 40 Minutes	FirstEnergy Corp: Met-Ed	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	144000
2014	2	02/05/2014 5:00 AM	02/05/2014 5:01 AM	0 Hours, 1 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	715000
2014	2	02/05/2014 7:00 AM	02/23/2014 7:00 AM	432 Hours, 0 Minutes	Upstate New York Power Producers	NPCC	New York	Fuel Supply Emergency - Coal	300	Unknown
2014	2	02/05/2014 7:35 AM	02/07/2014 4:03 AM	44 Hours, 28 Minutes	PPL Electric Utilities Corp	RFC	Lancaster Region, Pennsylvania	Severe Weather - Snow/Ice	Unknown	62159
2014	2	02/05/2014 8:05 AM	02/05/2014 8:06 AM	0 Hours, 1 Minutes	Baltimore Gas & Electric Company	RFC	Baltimore, Maryland	Severe Weather - Ice	800	181000
2014	2	02/06/2014 1:00 PM	02/06/2014 10:00 PM	9 Hours, 0 Minutes	California ISO	WECC	California	Fuel Supply Emergency - Natural Gas	4000	Unknown
2014	2	02/06/2014 1:05 PM	02/06/2014 7:15 PM	6 Hours, 10 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Fuel Supply Emergency - Natural Gas	160	Unknown
2014	2	02/06/2014 1:58 PM	02/06/2014 8:40 PM	6 Hours, 42 Minutes	American Electric Power	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/06/2014 2:15 PM	02/06/2014 7:39 PM	5 Hours, 24 Minutes	Southern California Edison	WECC	California	Fuel Supply Emergency - Natural Gas	611	Unknown
2014	2	02/06/2014 3:35 PM	02/07/2014 11:30 AM	19 Hours, 55 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 7:00 AM	03/21/2014 8:00 AM	1,009 Hours, 0 Minutes	Somerset Operating Company, LLC	NPCC	Niagara County New York	Fuel Supply Emergency - Coal	675	Unknown
2014	2	02/07/2014 4:30 PM	02/08/2014 9:00 AM	16 Hours, 30 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 4:50 PM	02/07/2014 8:30 PM	3 Hours, 40 Minutes	American Electric Power	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/12/2014 7:48 AM	02/15/2014 4:30 AM	68 Hours, 42 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Snow/Ice	1246	373835
2014	2	02/12/2014 11:03 AM	02/15/2014 8:40 AM	69 Hours, 37 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Severe Weather - Snow/Ice	700	120124
2014	2	02/12/2014 12:10 PM	02/15/2014 3:20 PM	75 Hours, 10 Minutes	Duke Energy Progress	SERC	North Carolina	Severe Weather - Snow/Ice	Unknown	200000
2014	2	02/20/2014 4:40 PM	02/21/2014 11:59 PM	31 Hours, 19 Minutes	Ameren Missouri	SERC	Missouri, Illinois	Severe Weather - Snow/Ice	Unknown	66000
2014	2	02/21/2014 2:53 AM	02/21/2014 9:00 PM	18 Hours, 7 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Thunderstorms/High Winds	221	66445
2014	3	03/02/2014 7:00 PM	03/04/2014 9:00 AM	38 Hours, 0 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal due to Severe Weather - Cold	N/A	N/A
2014	3	03/03/2014 1:48 AM	03/03/2014 1:49 AM	0 Hours, 1 Minutes	Public Utility District #1 of Chelan County (CHPD)	WECC	Mid-Columbia River Generation, Washington	Fuel Supply Emergency - Hydro	630	Unknown
2014	3	03/03/2014 6:40 AM	03/03/2014 3:28 PM	8 Hours, 48 Minutes	Tennessee Valley Authority	SERC	Tennessee	Severe Weather - Winter Storm	Unknown	65904
2014	3	03/04/2014 9:06 AM	03/17/2014 9:06 AM	312 Hours, 0 Minutes	Wisconsin Public Service Corp	MRO	Weston, Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	3	03/07/2014 3:30 AM	03/07/2014 9:00 PM	17 Hours, 30 Minutes	Duke Energy Carolinas	SERC	Triad, North Carolina	Severe Weather - Winter Storm	1500	370900
2014	3	03/12/2014 7:35 PM	03/13/2014 12:00 PM	16 Hours, 25 Minutes	Duke Energy Carolinas	SERC	North Carolina	Severe Weather - High Winds	250	61377
2014	3	03/26/2014 1:37 PM	03/26/2014 2:33 PM	0 Hours, 56 Minutes	Peak Reliability	WECC	Montana	Electrical System Separation (Islanding)	Unknown	Unknown
2014	3	03/31/2014 3:41 PM	03/31/2014 8:08 PM	4 Hours, 27 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	System Wide Voltage Reduction	Unknown	Unknown
2014	4	04/03/2014 12:00 AM	ongoing	ongoing	City of Garland / Texas Municipal Power Agency	TRE	Texas	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	4	04/03/2014 2:45 PM	04/09/2014 11:53 AM	141 Hours, 8 Minutes	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	4	04/04/2014 3:30 AM	04/04/2014 8:15 AM	4 Hours, 45 Minutes	Entergy Services, Inc.	SERC	Central Arkansas	Severe Weather - Wind	Unknown	57200
2014	4	04/08/2014 11:09 AM	04/08/2014 11:20 AM	0 Hours, 11 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	Voltage Reduction	Unknown	Unknown
2014	4	04/12/2014 6:15 PM	04/14/2014 9:00 AM	38 Hours, 45 Minutes	Consumers Energy	RFC	Western and Central Michigan	Severe Weather - Thunderstorms	Unknown	50000
2014	4	04/12/2014 8:00 PM	04/15/2014 7:30 PM	71 Hours, 30 Minutes	Detroit Edison Company	RFC	Michigan	Severe Weather	Unknown	164000
2014	4	04/23/2014 7:45 PM	04/23/2014 8:37 PM	0 Hours, 52 Minutes	MISO / Entergy Transmission	SERC	Baton Rouge, Louisiana	Load shedding of 100 Megawatts	163	28000
2014	4	04/24/2014 3:02 PM	04/24/2014 5:13 PM	2 Hours, 11 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	4	04/27/2014 9:15 AM	ongoing	ongoing	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	9750	4000000
2014	4	04/29/2014 9:37 AM	05/01/2014 9:00 AM	47 Hours, 23 Minutes	Tennessee Valley Authority	SERC	Northeastern Mississippi, Northern Alabama	Severe Weather - Thunderstorms	Unknown	57000
2014	4	04/28/2014 11:30 PM	04/29/2014 12:30 PM	13 Hours, 0 Minutes	Southern Company	SERC	Mississippi, Alabama	Severe Weather - Thunderstorms	355	106648
2014	4	04/30/2014 3:50 AM	04/30/2014 2:00 PM	10 Hours, 10 Minutes	Southern Company	SERC	Alabama, Florida, Georgia	Severe Weather - Thunderstorms	296	89000

Table B.2 Major Disturbances and Unusual Occurrences, 2014

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

Table B.2 Major Disturbances and Unusual Occurrences, 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	11	11/02/2014 1:46 PM	ongoing	ongoing	ISO New England	NPCC	Massachusetts, Maine, Vermont, New Hampshire, Rhode Island, Connecticut	Severe Weather - Winter Storm	Unknown	63719
2014	11	11/11/2014 6:00 PM	11/14/2014 3:00 PM	69 Hours, 0 Minutes	Puget Sound Energy	WECC	Washington	Severe Weather - Wind	132	68000
2014	11	11/14/2014 9:50 AM	11/14/2014 1:18 PM	3 Hours, 28 Minutes	Portland General Electric Co	WECC	Estacada, Oregon	Electrical System Islanding	1	123
2014	11	11/24/2014 12:00 AM	ongoing	ongoing	Southwestern Public Service Company	SPP	Nebraska, Kansas, Texas, Arkansas, Louisiana, New Mexico	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	11	11/24/2014 12:00 PM	11/27/2014 1:00 PM	73 Hours, 0 Minutes	Detroit Edison Co	RFC	Michigan	Severe Weather - Wind	Unknown	186154
2014	11	11/26/2014 5:50 PM	11/28/2014 7:00 AM	37 Hours, 10 Minutes	ISO New England	NPCC	New Hampshire, Massachusetts, Maine, Rhode Island, Connecticut, Vermont	Severe Weather - Winter Storm	Unknown	79530
2014	12	12/11/2014 6:40 AM	ongoing	ongoing	Pacific Gas & Electric Co	WECC	Northern California	Severe Weather- High Winds	Unknown	Unknown
2014	12	12/11/2014 7:21 AM	12/11/2014 9:53 PM	14 Hours, 32 Minutes	Pacific Gas & Electric Co	WECC	San Francisco, California	Distribution Interruption - Unknown Cause	225	75000
2014	12	12/11/2014 4:05 PM	12/11/2014 9:00 PM	4 Hours, 55 Minutes	Portland General Electric Co	WECC	Portland, Oregon	Severe Weather- High Winds	250	85470
2014	12	12/11/2014 5:00 PM	12/12/2014 10:00 AM	17 Hours, 0 Minutes	Puget Sound Energy	WECC	Kitsap, Thurston, Whatcom counties Washington	Severe Weather- High Winds	116	264000
2014	12	12/11/2014 11:15 PM	ongoing	ongoing	Pacific Gas & Electric Co	WECC	Northern California	Severe Weather- High Winds	Unknown	Unknown
2014	12	12/30/2014 1:08 PM	01/01/2015 4:50 PM	51 Hours, 42 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Severe Weather- High Winds	127	84500

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

Appendix C

Technical notes

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

Data quality

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

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

Reliability of data

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

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

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

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

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

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

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

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

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

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

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

Data revision procedure

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

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

Data sources for Electric Power Monthly

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

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

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

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

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

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

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

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

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

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

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

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

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

Form EIA-826

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form EIA-860

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

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

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

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

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

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

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

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

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

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

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

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

Form EIA-860M

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

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

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

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

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

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

Form EIA-861

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

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

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

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

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

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

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

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

Form EIA-923

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

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

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

Instrument and design history:

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

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

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

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

Generation, consumption, and stocks

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Issues within historical data series:

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

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

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

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

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

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

Average Capacity Factors

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

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

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

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

NERC classification

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

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

The new NERC Regional Council names are as follows:

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

Business classification

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

Agriculture, Forestry, and Fishing

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

Mining

211 Oil and gas extraction
2121 Coal mining
2122 Metal mining

2123 Mining and quarrying of nonmetallic minerals except fuels

Construction

23

Manufacturing

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

Transportation and Public Utilities

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

Wholesale Trade

421 to 422

Retail Trade

441 to 454

Finance, Insurance, and Real Estate

521 to 533

Services

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

Public Administration

92

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

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

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

Table C.1 Average Heat Content of Fossil-Fuel Receipts, March 2015

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	22.23	6.07	--	1.03
Connecticut	18.41	5.69	--	1.03
Maine	24.84	6.34	--	1.02
Massachusetts	23.07	6.26	--	1.03
New Hampshire	26.10	5.82	--	1.03
Rhode Island	--	5.83	--	1.03
Vermont	--	--	--	--
Middle Atlantic	24.81	6.16	--	1.04
New Jersey	25.77	5.77	--	1.05
New York	20.26	6.26	--	1.03
Pennsylvania	24.94	5.80	--	1.04
East North Central	20.12	5.78	27.83	1.04
Illinois	17.72	5.81	--	1.00
Indiana	22.35	5.75	--	1.04
Michigan	19.02	5.84	26.80	1.03
Ohio	24.21	5.76	28.54	1.05
Wisconsin	17.89	5.83	28.79	1.04
West North Central	16.86	5.79	--	1.04
Iowa	17.67	5.80	--	1.04
Kansas	17.19	5.75	--	1.04
Minnesota	17.64	5.78	--	1.05
Missouri	17.65	5.80	--	1.03
Nebraska	16.95	--	--	1.06
North Dakota	13.29	5.81	--	1.00
South Dakota	--	--	--	1.05
South Atlantic	23.48	5.90	27.95	1.03
Delaware	25.99	--	--	1.06
District of Columbia	--	--	--	--
Florida	23.43	5.80	27.94	1.02
Georgia	19.81	5.87	27.97	1.03
Maryland	25.24	5.78	--	1.07
North Carolina	24.77	5.80	--	1.03
South Carolina	24.91	5.81	--	1.03
Virginia	22.93	5.97	--	1.05
West Virginia	24.41	5.75	--	1.03
East South Central	21.17	5.77	28.22	1.03
Alabama	20.17	5.73	--	1.03
Kentucky	22.08	5.79	28.22	1.03
Mississippi	13.24	5.85	--	1.03
Tennessee	22.70	5.76	--	1.01
West South Central	16.33	5.87	28.32	1.03
Arkansas	17.64	5.89	--	1.04
Louisiana	16.47	5.87	28.32	1.03
Oklahoma	17.30	5.80	--	1.04
Texas	15.71	5.85	--	1.03
Mountain	18.77	5.72	--	1.04
Arizona	19.01	5.60	--	1.03
Colorado	19.00	--	--	1.06
Idaho	--	--	--	1.03
Montana	16.87	5.92	--	--
Nevada	17.89	5.81	--	1.04
New Mexico	17.92	5.66	--	1.03
Utah	21.81	5.79	--	1.04
Wyoming	17.47	5.88	--	1.04
Pacific Contiguous	18.57	6.00	--	1.03
California	23.20	--	--	1.03
Oregon	17.17	--	--	1.03
Washington	17.00	6.00	--	1.07
Pacific Noncontiguous	20.35	6.19	--	1.00
Alaska	--	--	--	1.00
Hawaii	20.35	6.19	--	--
U.S. Total	19.49	6.05	28.13	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, 2011 through 2013

	Mean Absolute Value of Percent Change Total (All Sectors)		
Item	**2011**	**2012**	**2013**
Net Generation			
Coal	0.15%	0.20%	0.31%
Petroleum Liquids	2.67%	4.25%	4.04%
Petroleum Coke	14.41%	2.45%	0.95%
Natural Gas	0.41%	0.46%	0.98%
Other Gases	2.95%	6.36%	5.81%
Hydroelectric	2.03%	0.70%	0.65%
Nuclear	0.00%	0.00%	0.00%
Other	1.03%	1.08%	0.56%
Total	**0.16%**	**0.20%**	**0.19%**
Consumption of Fossil Fuels for Electricity Generation			
Coal	0.23%	0.16%	0.07%
Petroleum Liquids	2.90%	4.47%	3.49%
Petroleum Coke	9.93%	3.99%	1.03%
Natural Gas	0.28%	0.37%	0.99%
Fuel Stocks for Electric Power Sector			
Coal	0.46%	0.57%	0.25%
Petroleum Liquids	0.55%	0.64%	2.54%
Petroleum Coke	2.64%	8.22%	0.08%
Retail Sales			
Residential	0.15%	0.16%	0.27%
Commercial	0.66%	0.39%	0.43%
Industrial	1.61%	0.50%	2.47%
Transportation	0.88%	2.44%	1.45%
Total	**0.64%**	**0.27%**	**0.90%**
Revenue			
Residential	0.73%	0.13%	1.13%
Commercial	0.24%	0.20%	0.65%
Industrial	0.58%	0.20%	2.80%
Transportation	0.29%	1.09%	4.07%
Total	**0.31%**	**0.13%**	**1.25%**
Average Retail Price			
Residential	0.66%	0.10%	0.87%
Commercial	0.79%	0.27%	0.24%
Industrial	1.02%	0.39%	0.34%
Transportation	1.08%	1.57%	2.70%
Total	**0.90%**	**0.21%**	**0.35%**
Receipt of Fossil Fuels			
Coal	1.15%	0.99%	2.50%
Petroleum Liquids	5.25%	23.68%	0.79%
Petroleum Coke	16.19%	13.72%	2.30%
Natural Gas	0.52%	10.47%	0.47%
Cost of Fossil Fuels			
Coal	0.31%	0.90%	0.18%
Petroleum Liquids	1.55%	0.53%	0.14%
Petroleum Coke	8.98%	11.66%	1.22%
Natural Gas	0.50%	0.77%	0.02%

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, 2011 through 2013

	2011			2012			2013		
Item	Preliminary Annual Data	Final Annual Data	Percent Change	Preliminary Annual Data	Final Annual Data	Percent Change	Preliminary Annual Data	Final Annual Data	Percent Change
Net Generation (Thousand MWh)									
Coal	1,734,265	1,733,430	-0.05%	1,517,203	1,514,043	-0.21%	1,585,998	1,581,115	-0.31%
Petroleum Liquids	15,840	16,086	1.56%	13,209	13,403	1.47%	13,410	13,820	3.06%
Petroleum Coke	12,322	14,096	14.39%	9,691	9,787	0.99%	13,453	13,344	-0.81%
Natural Gas	1,016,595	1,013,689	-0.29%	1,230,708	1,225,894	-0.39%	1,113,665	1,124,836	1.00%
Other Gases	11,269	11,566	2.64%	11,212	11,898	6.11%	12,271	12,853	4.75%
Hydroelectric	319,162	312,934	-1.95%	271,878	271,290	-0.22%	264,713	263,884	-0.31%
Nuclear	790,225	790,204	0.00%	769,331	769,331	0.00%	789,017	789,016	0.00%
Other	206,057	208,135	1.01%	231,253	232,120	0.37%	265,683	267,096	0.53%
Total	**4,105,734**	**4,100,141**	**-0.14%**	**4,054,485**	**4,047,765**	**-0.17%**	**4,058,209**	**4,065,964**	**0.19%**
Consumption of Fossil Fuels for Electricity Generation									
Coal (1,000 tons)	932,911	934,938	0.22%	826,700	825,734	-0.12%	860,790	860,729	-0.01%
Petroleum Liquids (1,000 barrels)	26,728	27,326	2.24%	22,523	22,604	0.36%	22,751	23,231	2.11%
Petroleum Coke (1,000 tons)	4,561	5,012	9.89%	3,552	3,675	3.44%	4,893	4,852	-0.83%
Natural Gas (1,000 Mcf)	7,880,481	7,883,865	0.04%	9,465,207	9,484,710	0.21%	8,512,483	8,596,299	0.98%
Fuel Stocks for Electric Power Sector									
Coal (1,000 tons)	175,100	172,387	-1.55%	184,923	185,116	0.10%	147,973	147,884	-0.06%
Petroleum Liquids (1,000 barrels)	35,260	34,847	-1.17%	31,897	32,224	1.03%	31,045	31,673	2.03%
Petroleum Coke (1,000 tons)	470	508	8.17%	495	495	-0.01%	390	390	-0.01%
Retail Sales (Million kWh)									
Residential	1,423,700	1,422,801	-0.06%	1,374,594	1,374,515	-0.01%	1,391,090	1,394,890	0.27%
Commercial	1,319,288	1,328,057	0.66%	1,323,844	1,327,101	0.25%	1,338,448	1,344,192	0.43%
Industrial	975,569	991,316	1.61%	980,837	985,714	0.50%	954,725	978,356	2.48%
Transportation	7,606	7,672	0.87%	7,504	7,320	-2.45%	7,525	7,625	1.32%
Total	**3,726,163**	**3,749,846**	**0.64%**	**3,686,780**	**3,694,650**	**0.21%**	**3,691,789**	**3,725,064**	**0.90%**
Revenue (Million Dollars)									
Residential	167,930	166,714	-0.72%	163,352	163,280	-0.04%	168,546	170,466	1.14%
Commercial	136,138	135,927	-0.16%	133,908	133,898	-0.01%	137,778	138,679	0.65%
Industrial	67,212	67,606	0.59%	65,691	65,761	0.11%	65,111	66,934	2.80%
Transportation	805	803	-0.25%	754	747	-0.90%	773	805	4.08%
Total	**372,084**	**371,049**	**-0.28%**	**363,705**	**363,687**	**0.00%**	**372,208**	**376,884**	**1.26%**
Average Retail Price (Cents/kWh)									
Residential	11.80	11.72	-0.66%	11.88	11.88	-0.04%	12.12	12.22	0.86%
Commercial	10.32	10.24	-0.81%	10.12	10.09	-0.25%	10.29	10.32	0.22%
Industrial	6.89	6.82	-1.01%	6.70	6.67	-0.39%	6.82	6.84	0.32%
Transportation	10.58	10.46	-1.11%	10.05	10.21	1.59%	10.28	10.55	2.72%
Total	**9.99**	**9.90**	**-0.91%**	**9.87**	**9.84**	**-0.22%**	**10.08**	**10.12**	**0.35%**
Receipt of Fossil Fuels									
Coal (1,000 tons)	945,581	956,538	1.16%	849,667	841,183	-1.00%	803,206	823,222	2.49%
Petroleum Liquids (1,000 barrels)	34,342	36,158	5.29%	25,485	19,464	-23.63%	20,348	20,413	0.32%
Petroleum Coke (1,000 tons)	5,163	5,980	15.82%	4,858	4,180	-13.95%	4,555	4,660	2.31%
Natural Gas (1,000 Mcf)	9,025,066	9,056,164	0.34%	10,631,822	9,531,389	-10.35%	8,463,303	8,503,424	0.47%
Cost of Fossil Fuels (Dollars per Million Btu)									
Coal (1,000 tons)	2.40	2.39	-0.25%	2.40	2.38	-0.89%	2.35	2.34	-0.12%
Petroleum Liquids (1,000 barrels)	20.10	19.94	-0.76%	21.82	21.85	0.12%	20.59	20.56	-0.12%
Petroleum Coke (1,000 tons)	2.80	3.03	8.27%	2.54	2.24	-11.90%	2.16	2.17	0.70%
Natural Gas (1,000 Mcf)	4.71	4.72	0.41%	3.40	3.42	0.64%	4.33	4.33	0.03%

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 2013 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.