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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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				Electric Utilities		Independent Power Producers					
Fuel	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Net Generation (Thousand Megawatthours)											
Coal	126,276	138,060	-8.5%	96,774	106,951	28,441	29,909	48	62	1,014	1,138
Petroleum Liquids	1,034	921	12.3%	786	672	192	199	11	8	46	41
Petroleum Coke	817	1,113	-26.6%	604	885	139	107	0	0	74	121
Natural Gas	120,481	98,441	22.4%	54,548	42,573	58,151	48,415	625	584	7,157	6,869
Other Gas	1,079	962	12.2%	15	3	273	320	0	0	791	638
Nuclear	68,546	68,138	0.6%	35,150	35,898	33,396	32,240	0	0	0	0
Hydroelectric Conventional	20,002	25,814	-22.5%	17,943	23,625	1,953	1,983	NM	NM	102	203
Renewable Sources Excluding Hydroelectric	22,733	24,526	-7.3%	2,440	2,762	17,648	18,999	284	285	2,360	2,480
... Wind	13,398	15,688	-14.6%	1,785	2,174	11,598	13,499	10	11	NM	NM
... Solar Thermal and Photovoltaic	2,765	2,036	35.8%	174	137	2,525	1,846	64	51	NM	NM
... Wood and Wood-Derived Fuels	3,475	3,675	-5.4%	264	238	953	1,061	NM	7	2,255	2,369
... Other Biomass	1,722	1,767	-2.5%	124	122	1,292	1,325	208	215	99	105
... Geothermal	1,373	1,360	0.9%	93	92	1,280	1,268	0	0	0	0
Hydroelectric Pumped Storage	-374	-653	-42.7%	-276	-557	-98	-96	0	0	0	0
Other Energy Sources	1,104	1,069	3.3%	35	49	554	570	105	103	410	347
All Energy Sources	361,698	358,392	0.9%	208,019	212,861	140,650	132,647	1,075	1,045	11,955	11,839
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	69,299	74,488	-7.0%	52,034	56,639	16,859	17,393	16	21	391	435
Petroleum Liquids (1000 barrels)	1,782	1,522	17.1%	1,430	1,203	265	255	23	19	65	44
Petroleum Coke (1000 tons)	307	407	-24.5%	235	326	55	46	0	0	18	35
Natural Gas (1000 Mcf)	920,110	752,363	22.3%	429,496	335,439	433,664	362,926	5,378	5,099	51,572	48,899
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,245	1,394	-10.7%	0	0	152	191	48	67	1,045	1,136
Petroleum Liquids (1000 barrels)	255	268	-5.0%	0	0	84	90	31	28	140	150
Petroleum Coke (1000 tons)	84	80	5.8%	0	0	9	0	0	0	76	79
Natural Gas (1000 Mcf)	73,210	69,467	5.4%	0	0	25,733	25,670	4,113	3,583	43,364	40,213
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	70,544	75,882	-7.0%	52,034	56,639	17,011	17,584	64	88	1,435	1,571
Petroleum Liquids (1000 barrels)	2,037	1,790	13.8%	1,430	1,203	349	345	54	48	205	194
Petroleum Coke (1000 tons)	392	487	-19.6%	235	326	64	46	0	0	93	115
Natural Gas (1000 Mcf)	993,320	821,830	20.9%	429,496	335,439	459,397	388,596	9,491	8,683	94,936	89,112
Fuel Stocks (end-of-month)											
Coal (1000 tons)	169,907	135,086	25.8%	132,337	103,168	35,491	29,711	179	313	1,901	1,895
Petroleum Liquids (1000 barrels)	30,905	30,470	1.4%	20,115	20,707	8,638	7,763	602	390	1,549	1,610
Petroleum Coke (1000 tons)	1,215	590	106.0%	883	W	149	W	W	W	W	W

Sales, Revenue, and Average Retail Price for June									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	June 2015	June 2014	Percentage Change	June 2015	June 2014	Percentage Change	June 2015	June 2014	Percentage Change
Residential	119,949	117,630	2.0%	15,510	15,266	1.6%	12.93	12.98	-0.4%
Commercial	119,898	119,153	0.6%	13,027	13,079	-0.4%	10.87	10.98	-1.0%
Industrial	82,641	81,784	1.0%	5,767	5,944	-3.0%	6.98	7.27	-4.0%
Transportation	606	608	-0.3%	62	63	-2.7%	10.20	10.45	-2.4%
All Sectors	323,094	319,174	1.2%	34,366	34,353	0.0%	10.64	10.76	-1.1%

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

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

Net Generation and Consumption of Fuels for January through June											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
Net Generation (Thousand Megawatthours)											
Coal	688,438	804,419	-14.4%	525,059	604,815	157,286	192,533	338	449	5,754	6,622
Petroleum Liquids	11,259	12,796	-12.0%	6,144	6,807	4,601	5,440	161	194	353	356
Petroleum Coke	5,440	6,317	-13.9%	4,030	4,889	827	739	4	4	578	686
Natural Gas	605,375	508,009	19.2%	268,742	218,891	292,046	243,661	3,548	3,469	41,040	41,987
Other Gas	6,063	5,233	15.9%	119	57	1,996	1,732	0	0	3,947	3,444
Nuclear	396,415	385,570	2.8%	207,475	204,268	188,941	181,303	0	0	0	0
Hydroelectric Conventional	134,316	140,578	-4.5%	121,778	127,183	11,320	11,956	NM	NM	1,200	1,415
Renewable Sources Excluding Hydroelectric	145,952	147,961	-1.4%	18,050	18,413	112,154	113,340	1,644	1,587	14,104	14,621
... Wind	93,876	99,684	-5.8%	14,573	15,195	79,205	84,416	68	50	30	23
... Solar Thermal and Photovoltaic	13,026	8,670	50.2%	824	628	11,910	7,809	280	223	12	11
... Wood and Wood-Derived Fuels	20,531	21,009	-2.3%	1,408	1,322	5,653	5,713	36	35	13,434	13,939
... Other Biomass	10,132	10,369	-2.3%	714	711	7,530	7,730	1,261	1,279	627	649
... Geothermal	8,387	8,230	1.9%	530	557	7,857	7,673	0	0	0	0
Hydroelectric Pumped Storage	-2,241	-2,823	-20.6%	-1,750	-2,333	-491	-490	0	0	0	0
Other Energy Sources	6,176	6,055	2.0%	215	217	3,171	3,270	582	577	2,208	1,991
All Energy Sources	1,997,194	2,014,115	-0.8%	1,149,861	1,183,207	771,851	753,485	6,296	6,301	69,185	71,122
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	372,457	428,744	-13.1%	280,250	318,152	89,905	107,939	126	146	2,176	2,506
Petroleum Liquids (1000 barrels)	19,161	22,019	-13.0%	11,117	12,338	7,248	8,863	386	445	410	373
Petroleum Coke (1000 tons)	2,017	2,329	-13.4%	1,519	1,796	347	318	1	1	150	214
Natural Gas (1000 Mcf)	4,535,525	3,865,700	17.3%	2,066,672	1,719,365	2,145,876	1,814,742	30,948	30,918	292,028	300,675
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	8,359	9,465	-11.7%	0	0	923	1,223	473	574	6,963	7,667
Petroleum Liquids (1000 barrels)	2,669	2,831	-5.7%	0	0	650	669	613	713	1,407	1,449
Petroleum Coke (1000 tons)	664	589	12.7%	0	0	55	40	8	7	601	542
Natural Gas (1000 Mcf)	456,805	436,500	4.7%	0	0	160,180	158,809	26,494	23,971	270,131	253,720
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	380,816	438,209	-13.1%	280,250	318,152	90,828	109,163	598	721	9,139	10,173
Petroleum Liquids (1000 barrels)	21,830	24,850	-12.2%	11,117	12,338	7,897	9,532	999	1,158	1,817	1,821
Petroleum Coke (1000 tons)	2,681	2,919	-8.1%	1,519	1,796	402	359	9	8	751	756
Natural Gas (1000 Mcf)	4,992,330	4,302,200	16.0%	2,066,672	1,719,365	2,306,056	1,973,551	57,443	54,889	562,159	554,395

Sales, Revenue, and Average Retail Price for January through June									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	Percentage Change
Residential	682,132	693,668	-1.7%	85,347	85,134	0.2%	12.51	12.27	2.0%
Commercial	658,889	658,271	0.1%	69,355	69,891	-0.8%	10.53	10.62	-0.8%
Industrial	468,112	467,768	0.1%	31,578	32,528	-2.9%	6.75	6.95	-2.9%
Transportation	3,844	3,981	-3.4%	395	405	-2.4%	10.28	10.17	1.1%
All Sectors	1,812,978	1,823,688	-0.6%	186,675	187,959	-0.7%	10.30	10.31	-0.1%

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

Table 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	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal (1000 tons)	60,873	68,561	43.72	46.61	307	343	378,612	403,366	43.90	46.14
Petroleum Liquids (1000 barrels)	1,606	1,541	82.07	129.32	179	188	13,073	15,744	77.45	130.89
Petroleum Coke (1000 tons)	330	400	53.88	58.67	13	13	2,300	2,459	55.85	57.77
Natural Gas (1000 Mcf)	898,716	744,633	3.22	4.97	766	743	4,472,091	3,848,704	3.70	6.01

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal (1000 tons)	46,253	49,981	44.45	47.74	218	238	285,408	289,619	44.55	47.01
Petroleum Liquids (1000 barrels)	1,248	1,050	83.14	130.93	117	132	8,090	8,583	75.81	131.22
Petroleum Coke (1000 tons)	262	325	49.60	56.35	10	9	1,919	2,120	53.63	56.50
Natural Gas (1000 Mcf)	407,777	324,743	3.60	5.30	389	379	1,975,202	1,678,884	3.94	5.91

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal (1000 tons)	13,940	17,873	40.26	42.65	68	80	88,991	109,214	40.84	42.96
Petroleum Liquids (1000 barrels)	327	462	78.09	126.86	51	47	4,545	6,978	80.02	130.82
Petroleum Coke (1000 tons)	44	47	W	W	1	2	251	247	67.46	W
Natural Gas (1000 Mcf)	431,447	363,114	2.80	4.61	330	319	2,155,600	1,822,866	3.54	6.33

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal (1000 tons)	9	5	W	W	2	2	67	96	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)	513	435	W	W	3	2	2,697	2,397	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	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal (1000 tons)	670	703	W	W	19	23	4,146	4,437	W	W
Petroleum Liquids (1000 barrels)	31	30	79.17	111.09	11	9	438	183	83.25	117.98
Petroleum Coke (1000 tons)	24	27	W	W	2	2	131	93	W	W
Natural Gas (1000 Mcf)	58,979	56,342	W	W	44	43	338,592	344,557	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	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal	1,182,749	1,342,560	2.25	2.38	307	343	7,351,976	7,883,050	2.26	2.36
Petroleum Liquids	9,721	9,308	13.55	21.41	179	188	79,201	94,960	12.77	21.68
Petroleum Coke	9,380	11,435	1.89	2.05	13	13	65,213	69,678	1.97	2.04
Natural Gas	930,466	766,138	3.11	4.83	766	743	4,622,744	3,953,125	3.58	5.85
Fossil Fuels	2,132,317	2,129,440	2.65	3.28	958	953	12,119,133	12,000,813	2.80	3.58

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal	908,109	992,039	2.26	2.40	218	238	5,587,322	5,721,978	2.27	2.38
Petroleum Liquids	7,578	6,342	13.69	21.67	117	132	49,295	51,864	12.44	21.71
Petroleum Coke	7,485	9,321	1.73	1.97	10	9	54,530	60,188	1.89	1.99
Natural Gas	421,853	333,374	3.48	5.16	389	379	2,039,386	1,720,404	3.81	5.77
Fossil Fuels	1,345,025	1,341,076	2.70	3.17	522	523	7,730,534	7,554,434	2.74	3.27

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal	259,205	334,501	2.17	2.28	68	80	1,669,091	2,058,829	2.18	2.28
Petroleum Liquids	1,949	2,781	13.08	21.06	51	47	27,235	41,968	13.32	21.72
Petroleum Coke	1,237	1,349	W	W	1	2	7,031	6,903	2.41	W
Natural Gas	446,921	374,148	2.71	4.47	330	319	2,230,453	1,874,867	3.42	6.15
Fossil Fuels	709,312	712,778	W	W	384	380	3,933,810	3,982,568	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	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal	213	116	W	W	2	2	1,308	2,214	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	522	438	W	W	3	2	2,737	2,421	W	W
Fossil Fuels	735	554	W	W	3	2	4,046	4,635	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	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
Coal	15,221	15,904	W	W	19	23	94,255	100,029	W	W
Petroleum Liquids	195	185	12.73	18.05	11	9	2,671	1,127	13.65	19.11
Petroleum Coke	659	766	W	W	2	2	3,651	2,587	W	W
Natural Gas	61,171	58,178	W	W	44	43	350,167	355,432	W	W
Fossil Fuels	77,245	75,032	W	W	49	48	450,744	459,175	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-June 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
April	88,835	922	806	92,516	915	59,757	22,468	26,584	-208	1,030	293,627
May	104,857	1,031	928	101,148	1,011	65,833	20,102	26,252	-357	1,103	321,906
June	126,276	1,034	817	120,481	1,079	68,546	20,002	22,733	-374	1,104	361,698
Year to Date											
2013	761,916	6,949	6,459	515,034	6,337	381,881	146,713	132,828	-2,231	6,519	1,962,405
2014	804,419	12,796	6,317	508,009	5,233	385,570	140,578	147,961	-2,823	6,055	2,014,115
2015	688,438	11,259	5,440	605,375	6,063	396,415	134,316	145,952	-2,241	6,176	1,997,194
Rolling 12 Months Ending in June											
2014	1,623,618	19,667	13,203	1,117,810	11,749	792,706	262,430	268,641	-5,273	13,123	4,117,673
2015	1,469,716	17,171	10,904	1,219,294	12,408	807,912	252,488	279,051	-5,626	12,697	4,076,013

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-June 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
April	17,835	2,194	374	3,168	869	586	215	1,344	22,468	49,052
May	17,060	2,318	347	3,321	902	619	238	1,447	20,102	46,353
June	13,398	2,382	383	3,475	891	617	215	1,373	20,002	42,735
Year to Date										
2013	92,033	3,204	448	19,150	5,230	3,500	1,407	7,856	146,713	279,541
2014	99,684	7,483	1,187	21,009	5,364	3,580	1,425	8,230	140,578	288,539
2015	93,876	11,411	1,615	20,531	5,213	3,492	1,427	8,387	134,316	280,268
Rolling 12-Month Ending in June										
2014	175,490	12,400	1,653	41,886	10,792	7,266	3,005	16,148	262,430	531,071
2015	175,984	19,802	2,875	42,572	10,816	7,300	2,916	16,786	252,488	531,539

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

Table 1.2. Net Generation by Energy Source: Electric Utilities, 2005-June 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
April	69,263	711	561	41,343	20	31,053	19,924	3,258	-146	39	166,025
May	81,574	724	691	44,824	19	35,089	18,286	3,149	-279	38	184,116
June	96,774	786	604	54,548	15	35,150	17,943	2,440	-276	35	208,019
Year to Date											
2013	571,679	4,776	4,578	229,376	360	195,790	132,490	16,851	-1,808	283	1,154,375
2014	604,815	6,807	4,889	218,891	57	204,268	127,183	18,413	-2,333	217	1,183,207
2015	525,059	6,144	4,030	268,742	119	207,475	121,778	18,050	-1,750	215	1,149,861
Rolling 12 Months Ending in June											
2014	1,221,589	11,476	9,833	490,943	495	414,592	237,733	33,978	-4,299	550	2,416,890
2015	1,120,230	10,471	8,200	527,267	154	422,980	229,382	33,996	-4,595	469	2,348,555

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

Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2005-June 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
April	18,708	165	140	44,407	324	28,705	2,299	20,753	-62	521	115,960
May	22,302	249	145	48,822	288	30,743	1,696	20,506	-78	554	125,227
June	28,441	192	139	58,151	273	33,396	1,953	17,648	-98	554	140,650
Year to Date											
2013	183,552	1,842	817	239,290	1,705	186,092	12,301	100,353	-423	3,304	728,834
2014	192,533	5,440	739	243,661	1,732	181,303	11,956	113,340	-490	3,270	753,485
2015	157,286	4,601	827	292,046	1,996	188,941	11,320	112,154	-491	3,171	771,851
Rolling 12 Months Ending in June											
2014	388,251	7,359	1,702	531,893	3,551	378,113	21,674	202,031	-975	6,708	1,540,308
2015	336,635	5,893	1,497	600,360	4,117	384,933	20,584	212,805	-1,031	6,641	1,572,434

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
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Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.4. Net Generation by Energy Source: Commerical Sector, 2005-June 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
April	48	8	1	523	0	0	NM	280	0	100	963
May	47	11	0	657	0	0	NM	298	0	105	1,120
June	48	11	0	625	0	0	NM	284	0	105	1,075
Year to Date											
2013	454	63	2	3,328	0	0	26	1,409	0	535	5,817
2014	449	194	4	3,469	0	0	NM	1,587	0	577	6,301
2015	338	161	4	3,548	0	0	NM	1,644	0	582	6,296
Rolling 12 Months Ending in June											
2014	833	NM	7	7,295	0	0	NM	3,133	0	1,159	12,717
2015	639	NM	9	7,305	0	0	NM	3,276	0	1,218	12,701

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 1.5. Net Generation by Energy Source: Industrial Sector, 2005-June 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
April	817	38	105	6,243	571	0	242	2,293	0	371	10,679
May	934	47	93	6,844	703	0	118	2,299	0	406	11,444
June	1,014	46	74	7,157	791	0	102	2,360	0	410	11,955
Year to Date											
2013	6,230	268	1,061	43,040	4,272	0	1,896	14,215	0	2,398	73,379
2014	6,622	356	686	41,987	3,444	0	1,415	14,621	0	1,991	71,122
2015	5,754	353	578	41,040	3,947	0	1,200	14,104	0	2,208	69,185
Rolling 12 Months Ending in June											
2014	12,945	NM	1,662	87,679	7,703	0	2,982	29,498	0	4,706	147,758
2015	12,211	591	1,197	84,361	8,137	0	2,484	28,974	0	4,369	142,323

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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	9,209	9,578	-3.9%	204	175	8,640	8,927	100	106	265	370
Connecticut	3,008	2,894	4.0%	NM	NM	2,934	2,806	NM	31	46	53
Maine	775	1,222	-36.6%	NM	NM	556	905	20	20	199	296
Massachusetts	2,690	2,648	1.6%	67	48	2,563	2,538	44	44	NM	NM
New Hampshire	1,754	1,568	11.9%	66	56	1,680	1,503	NM	NM	NM	NM
Rhode Island	828	671	23.4%	NM	1	822	666	NM	NM	0	0
Vermont	153	576	-73.4%	67	67	86	509	NM	NM	0	0
Middle Atlantic	36,178	36,495	-0.9%	2,914	3,006	32,721	32,929	199	184	345	377
New Jersey	6,477	5,415	19.6%	1	-7	6,359	5,311	61	55	57	55
New York	11,529	11,766	-2.0%	2,906	2,921	8,445	8,672	106	96	71	76
Pennsylvania	18,172	19,315	-5.9%	NM	91	17,916	18,946	31	33	218	245
East North Central	50,554	52,892	-4.4%	24,996	28,275	24,524	23,621	183	163	851	833
Illinois	16,670	16,757	-0.5%	883	876	15,516	15,597	50	45	221	239
Indiana	8,896	10,067	-11.6%	7,703	9,018	870	785	19	17	304	247
Michigan	9,104	9,133	-0.3%	6,686	7,333	2,226	1,612	86	75	106	113
Ohio	10,281	11,431	-10.1%	5,724	6,989	4,468	4,348	NM	NM	73	76
Wisconsin	5,602	5,504	1.8%	4,000	4,059	1,443	1,281	NM	NM	147	156
West North Central	27,996	28,496	-1.8%	24,727	24,906	2,831	3,133	49	48	389	408
Iowa	4,499	4,606	-2.3%	3,465	3,485	827	899	17	19	190	202
Kansas	4,300	4,540	-5.3%	3,530	3,683	756	845	0	0	NM	NM
Minnesota	4,728	4,606	2.7%	4,057	3,871	520	581	16	12	135	141
Missouri	7,749	7,908	-2.0%	7,531	7,699	200	187	15	15	NM	NM
Nebraska	3,269	3,359	-2.7%	3,061	3,137	174	186	NM	NM	32	34
North Dakota	2,770	2,663	4.0%	2,548	2,365	207	285	NM	NM	14	13
South Dakota	682	815	-16.3%	535	666	146	149	NM	NM	0	0
South Atlantic	74,213	70,894	4.7%	60,854	58,486	11,702	10,753	122	118	1,536	1,537
Delaware	716	687	4.2%	NM	NM	604	631	NM	NM	107	52
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	21,895	20,846	5.0%	19,987	19,158	1,457	1,241	NM	NM	445	441
Georgia	12,279	12,174	0.9%	10,107	10,644	1,762	1,152	NM	NM	407	376
Maryland	3,598	3,208	12.2%	NM	3	3,534	3,134	44	45	18	26
North Carolina	12,839	12,219	5.1%	11,869	10,768	815	1,251	22	17	133	182
South Carolina	8,615	8,099	6.4%	8,209	7,772	249	144	NM	NM	155	181
Virginia	8,138	6,840	19.0%	6,588	5,612	1,330	995	40	40	181	194
West Virginia	6,128	6,815	-10.1%	4,086	4,526	1,952	2,205	0	0	90	85
East South Central	34,282	32,719	4.8%	28,565	28,088	4,989	3,721	NM	NM	712	890
Alabama	13,898	13,180	5.4%	9,955	9,941	3,620	2,865	0	0	322	374
Kentucky	6,980	7,474	-6.6%	6,850	7,417	80	11	0	0	50	46
Mississippi	6,045	5,273	14.6%	4,619	4,203	1,269	832	NM	NM	155	235
Tennessee	7,360	6,792	8.4%	7,141	6,527	19	12	NM	NM	185	235
West South Central	62,445	60,649	3.0%	22,369	23,021	33,873	31,796	93	91	6,110	5,741
Arkansas	5,349	5,357	-0.2%	3,875	4,511	1,328	700	NM	NM	145	146
Louisiana	9,454	9,280	1.9%	5,034	5,147	1,836	1,876	NM	NM	2,569	2,242
Oklahoma	6,931	6,392	8.4%	4,502	4,268	2,356	2,043	NM	NM	69	78
Texas	40,712	39,620	2.8%	8,959	9,096	28,353	27,177	74	73	3,327	3,275
Mountain	34,073	32,295	5.5%	26,096	25,460	7,631	6,539	45	39	301	256
Arizona	11,372	10,500	8.3%	8,600	8,494	2,759	1,994	13	13	0	0
Colorado	4,477	4,447	0.7%	3,605	3,391	864	1,047	NM	NM	NM	NM
Idaho	1,424	1,325	7.4%	982	915	399	371	0	0	43	40
Montana	2,616	2,382	9.8%	889	998	1,726	1,383	0	0	NM	NM
Nevada	3,726	3,171	17.5%	2,690	2,356	1,011	802	16	10	NM	3
New Mexico	2,772	2,751	0.8%	2,235	2,189	532	555	NM	NM	NM	NM
Utah	3,716	4,025	-7.7%	3,400	3,720	189	180	NM	NM	120	118
Wyoming	3,970	3,694	7.5%	3,695	3,397	152	208	0	0	122	89
Pacific Contiguous	31,517	33,098	-4.8%	16,466	20,618	13,417	10,872	224	224	1,411	1,384
California	18,654	16,979	9.9%	6,544	6,546	10,653	8,999	213	217	1,244	1,218
Oregon	4,517	4,944	-8.6%	2,824	3,731	1,632	1,156	NM	NM	53	51
Washington	8,346	11,175	-25.3%	7,098	10,341	1,132	717	NM	NM	114	115
Pacific Noncontiguous	1,231	1,276	-3.6%	827	827	324	356	45	52	35	42
Alaska	443	476	-6.9%	392	426	29	19	12	24	NM	7
Hawaii	788	801	-1.6%	435	401	294	337	32	27	26	35
U.S. Total	361,698	358,392	0.9%	208,019	212,861	140,650	132,647	1,075	1,045	11,955	11,839

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 June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	54,452	54,511	-0.1%	2,100	2,321	49,884	49,359	667	691	1,801	2,140
Connecticut	18,679	16,425	13.7%	NM	29	18,227	15,931	166	175	265	290
Maine	6,129	6,799	-9.9%	NM	NM	4,596	4,941	114	117	1,419	1,741
Massachusetts	14,381	15,545	-7.5%	343	395	13,642	14,750	294	308	102	91
New Hampshire	11,128	9,430	18.0%	1,275	1,435	9,794	7,929	NM	NM	NM	NM
Rhode Island	3,108	2,642	17.6%	5	5	3,058	2,598	NM	NM	0	0
Vermont	1,027	3,670	-72.0%	456	457	568	3,210	NM	NM	0	0
Middle Atlantic	210,591	209,911	0.3%	16,777	17,206	190,526	189,394	1,140	1,078	2,147	2,232
New Jersey	35,508	31,762	11.8%	-15	-58	34,881	31,192	337	297	306	331
New York	66,878	66,796	0.1%	16,263	16,460	49,535	49,257	619	601	461	478
Pennsylvania	108,204	111,353	-2.8%	529	804	106,110	108,945	184	180	1,381	1,423
East North Central	301,450	310,837	-3.0%	151,708	165,219	143,708	139,682	1,072	1,009	4,962	4,926
Illinois	96,443	99,635	-3.2%	4,923	5,105	89,907	92,832	328	331	1,285	1,367
Indiana	53,002	59,959	-11.6%	45,080	53,026	6,268	5,423	111	108	1,544	1,402
Michigan	56,385	52,309	7.8%	41,532	41,000	13,678	10,153	465	422	711	734
Ohio	63,040	68,410	-7.9%	37,915	43,803	24,576	24,056	NM	91	452	460
Wisconsin	32,580	30,523	6.7%	22,259	22,285	9,279	7,218	72	58	971	962
West North Central	162,481	168,404	-3.5%	138,217	143,328	21,734	22,440	306	308	2,224	2,327
Iowa	29,365	28,635	2.5%	21,777	20,655	6,375	6,686	112	126	1,101	1,167
Kansas	22,101	24,242	-8.8%	17,139	18,862	4,896	5,333	0	0	65	46
Minnesota	27,638	28,458	-2.9%	22,235	22,862	4,544	4,719	103	89	756	789
Missouri	41,366	44,670	-7.4%	40,144	43,528	1,113	1,020	82	85	27	37
Nebraska	18,769	19,483	-3.7%	17,056	18,125	1,511	1,144	9	9	193	206
North Dakota	18,429	17,634	4.5%	16,250	15,209	2,097	2,343	NM	NM	82	82
South Dakota	4,813	5,281	-8.9%	3,614	4,086	1,199	1,195	NM	NM	0	0
South Atlantic	394,818	392,531	0.6%	323,445	320,974	61,550	61,594	717	685	9,105	9,278
Delaware	3,887	3,446	12.8%	NM	NM	3,273	3,099	NM	NM	588	326
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	115,216	111,421	3.4%	105,869	102,421	6,734	6,436	41	32	2,572	2,531
Georgia	64,061	62,197	3.0%	53,843	55,413	7,891	4,429	15	15	2,313	2,340
Maryland	19,001	20,803	-8.7%	18	NM	18,549	20,326	281	266	154	189
North Carolina	65,053	65,412	-0.5%	58,192	58,289	5,813	5,886	126	110	922	1,128
South Carolina	48,213	48,125	0.2%	46,539	46,411	799	653	NM	NM	867	1,055
Virginia	41,660	39,676	5.0%	33,672	31,870	6,683	6,428	213	223	1,092	1,155
West Virginia	37,696	41,419	-9.0%	25,291	26,529	11,809	14,336	0	0	597	554
East South Central	188,109	185,571	1.4%	157,111	161,587	25,938	18,426	104	109	4,956	5,449
Alabama	73,953	73,863	0.1%	52,626	57,773	19,284	13,860	0	0	2,043	2,230
Kentucky	42,976	45,666	-5.9%	42,445	45,224	225	136	0	0	306	306
Mississippi	31,999	25,817	23.9%	24,384	20,022	6,315	4,350	NM	NM	1,289	1,435
Tennessee	39,181	40,225	-2.6%	37,655	38,568	114	80	93	99	1,318	1,478
West South Central	328,301	324,568	1.2%	111,959	119,079	181,263	170,505	502	468	34,578	34,516
Arkansas	28,672	30,858	-7.1%	19,518	23,884	8,210	6,063	NM	NM	940	908
Louisiana	51,373	50,099	2.5%	28,030	24,104	9,959	12,156	92	92	13,292	13,747
Oklahoma	36,185	35,260	2.6%	23,772	24,181	12,054	10,656	NM	NM	345	415
Texas	212,072	208,351	1.8%	40,639	46,910	151,039	141,631	393	364	20,000	19,446
Mountain	175,222	177,138	-1.1%	136,817	138,785	36,843	36,676	216	232	1,346	1,446
Arizona	50,212	51,228	-2.0%	42,381	43,896	7,766	7,256	66	75	0	0
Colorado	25,162	26,538	-5.2%	19,392	19,938	5,725	6,548	19	24	25	28
Idaho	7,776	7,958	-2.3%	5,300	5,238	2,224	2,465	0	0	253	255
Montana	14,913	14,439	3.3%	4,270	4,730	10,638	9,702	0	0	NM	NM
Nevada	17,802	16,521	7.7%	12,590	11,616	5,102	4,790	64	52	44	63
New Mexico	15,203	15,800	-3.8%	12,012	12,532	3,160	3,226	31	39	NM	NM
Utah	20,345	20,378	-0.2%	19,128	18,931	858	929	37	41	323	478
Wyoming	23,810	24,277	-1.9%	21,743	21,904	1,370	1,759	0	0	696	614
Pacific Contiguous	173,983	182,605	-4.7%	106,415	109,304	58,498	63,382	1,261	1,393	7,809	8,527
California	89,006	92,473	-3.7%	33,235	32,579	47,749	51,056	1,199	1,340	6,823	7,499
Oregon	29,214	30,476	-4.1%	21,902	23,253	6,958	6,860	46	41	308	322
Washington	55,763	59,657	-6.5%	51,278	53,473	3,792	5,466	NM	NM	678	706
Pacific Noncontiguous	7,786	8,039	-3.1%	5,313	5,403	1,907	2,026	310	328	256	282
Alaska	3,048	3,105	-1.8%	2,744	2,790	128	120	124	147	53	49
Hawaii	4,737	4,933	-4.0%	2,569	2,613	1,779	1,906	186	180	203	233
U.S. Total	1,997,194	2,014,115	-0.8%	1,149,861	1,183,207	771,851	753,485	6,296	6,301	69,185	71,122

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	10	47	-79.8%	4	0	3	43	0	0	NM	4
Connecticut	0	2	-100.0%	0	0	0	2	0	0	0	0
Maine	3	2	59.7%	0	0	3	1	0	0	1	1
Massachusetts	NM	43	NM	0	0	0	40	0	0	NM	NM
New Hampshire	4	0	NM	4	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	5,653	7,737	-26.9%	NM	NM	5,592	7,660	NM	NM	59	73
New Jersey	104	219	-52.8%	0	0	104	219	0	0	0	0
New York	274	381	-28.0%	NM	NM	252	355	0	0	21	24
Pennsylvania	5,275	7,136	-26.1%	0	0	5,236	7,086	NM	NM	38	48
East North Central	27,293	31,363	-13.0%	19,706	23,399	7,341	7,673	18	19	228	272
Illinois	6,683	6,986	-4.3%	817	808	5,732	6,017	NM	4	132	157
Indiana	6,931	8,848	-21.7%	6,445	8,427	475	411	10	7	NM	NM
Michigan	4,565	4,605	-0.9%	4,507	4,543	40	35	6	7	13	20
Ohio	5,836	7,399	-21.1%	4,725	6,167	1,094	1,209	NM	NM	16	22
Wisconsin	3,278	3,526	-7.0%	3,212	3,455	0	0	NM	NM	65	71
West North Central	17,937	18,740	-4.3%	17,634	18,416	NM	NM	15	17	286	305
Iowa	2,850	2,884	-1.2%	2,662	2,682	0	0	9	14	179	188
Kansas	2,411	2,573	-6.3%	2,411	2,573	0	0	0	0	0	0
Minnesota	2,332	2,287	2.0%	2,268	2,219	0	0	0	0	64	68
Missouri	5,966	6,586	-9.4%	5,955	6,575	NM	NM	5	3	NM	NM
Nebraska	2,159	2,204	-2.1%	2,127	2,170	0	0	0	0	32	34
North Dakota	2,220	1,955	13.5%	2,211	1,946	0	0	0	0	NM	9
South Dakota	0	251	-100.0%	0	251	0	0	0	0	0	0
South Atlantic	24,647	27,398	-10.0%	20,794	23,166	3,703	4,042	6	NM	144	189
Delaware	35	53	-33.6%	0	0	35	53	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,307	4,727	-8.9%	4,100	4,508	195	204	0	0	NM	NM
Georgia	4,119	5,035	-18.2%	4,105	5,001	0	0	0	0	14	33
Maryland	1,548	1,429	8.3%	0	0	1,541	1,418	NM	NM	6	10
North Carolina	4,933	4,925	0.2%	4,782	4,743	130	160	5	0	NM	22
South Carolina	2,372	2,760	-14.1%	2,357	2,743	0	0	0	0	15	17
Virginia	1,577	1,853	-14.9%	1,436	1,699	110	113	NM	NM	30	40
West Virginia	5,756	6,616	-13.0%	4,014	4,471	1,690	2,095	0	0	52	51
East South Central	14,778	16,221	-8.9%	14,433	15,829	250	292	0	NM	94	97
Alabama	4,428	4,495	-1.5%	4,421	4,482	0	0	0	0	NM	14
Kentucky	6,394	7,025	-9.0%	6,394	7,025	0	0	0	0	0	0
Mississippi	632	1,274	-50.4%	382	982	250	292	0	0	0	0
Tennessee	3,324	3,426	-3.0%	3,237	3,341	0	0	0	NM	87	84
West South Central	18,989	20,260	-6.3%	9,584	11,491	9,366	8,724	0	0	39	45
Arkansas	2,326	2,879	-19.2%	1,887	2,877	434	0	0	0	5	2
Louisiana	1,489	1,729	-13.9%	840	816	650	913	0	0	0	0
Oklahoma	2,438	2,835	-14.0%	2,230	2,608	173	183	0	0	34	43
Texas	12,736	12,817	-0.6%	4,627	5,190	8,109	7,627	0	0	0	0
Mountain	15,940	15,729	1.3%	14,320	14,534	1,493	1,076	0	0	127	119
Arizona	3,327	3,672	-9.4%	3,327	3,672	0	0	0	0	0	0
Colorado	2,822	2,652	6.4%	2,814	2,642	NM	NM	0	0	NM	NM
Idaho	NM	8	NM	0	0	0	0	0	0	NM	8
Montana	1,333	899	48.3%	NM	NM	1,308	875	0	0	NM	NM
Nevada	235	643	-63.4%	147	537	88	106	0	0	0	0
New Mexico	1,824	1,626	12.1%	1,824	1,626	0	0	0	0	0	0
Utah	2,784	3,005	-7.4%	2,671	2,898	35	NM	0	0	78	73
Wyoming	3,608	3,224	11.9%	3,512	3,135	NM	NM	0	0	41	37
Pacific Contiguous	867	390	121.9%	279	97	557	263	0	0	31	31
California	36	111	-67.9%	0	0	NM	82	0	0	28	28
Oregon	279	97	188.3%	279	97	0	0	0	0	0	0
Washington	552	183	201.8%	0	0	549	180	0	0	3	2
Pacific Noncontiguous	162	174	-6.8%	17	17	134	133	8	20	NM	NM
Alaska	52	53	-2.4%	17	17	26	16	8	20	0	0
Hawaii	111	121	-8.7%	0	0	107	117	0	0	NM	NM
U.S. Total	126,276	138,060	-8.5%	96,774	106,951	28,441	29,909	48	62	1,014	1,138

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

Table 1.7.B. Net Generation from Coal

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	3,019	3,962	-23.8%	840	986	2,142	2,942	0	0	37	35
Connecticut	586	659	-11.1%	0	0	586	659	0	0	0	0
Maine	62	55	12.5%	0	0	39	36	0	0	23	20
Massachusetts	1,530	2,262	-32.3%	0	0	1,516	2,247	0	0	NM	15
New Hampshire	840	986	-14.7%	840	986	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	39,450	50,029	-21.1%	NM	NM	39,027	49,555	NM	NM	407	445
New Jersey	1,136	1,625	-30.1%	0	0	1,136	1,625	0	0	0	0
New York	1,595	3,336	-52.2%	NM	NM	1,438	3,167	0	0	148	152
Pennsylvania	36,718	45,068	-18.5%	0	0	36,453	44,763	NM	NM	260	293
East North Central	160,835	186,179	-13.6%	117,715	136,705	41,577	47,675	89	151	1,454	1,649
Illinois	37,964	42,935	-11.6%	4,705	4,856	32,419	37,143	23	27	817	909
Indiana	40,013	50,893	-21.4%	37,391	48,335	2,587	2,490	27	57	NM	NM
Michigan	26,030	26,036	0.0%	25,674	25,614	214	221	38	62	103	138
Ohio	38,762	47,128	-17.8%	32,290	39,173	6,357	7,822	NM	NM	114	131
Wisconsin	18,067	19,187	-5.8%	17,654	18,726	0	0	NM	NM	412	459
West North Central	100,275	106,894	-6.2%	98,522	104,972	NM	14	94	125	1,645	1,783
Iowa	16,138	15,911	1.4%	15,057	14,737	0	0	62	83	1,019	1,090
Kansas	12,694	14,284	-11.1%	12,694	14,284	0	0	0	0	0	0
Minnesota	13,039	13,670	-4.6%	12,670	13,264	0	0	0	0	369	406
Missouri	32,583	36,598	-11.0%	32,516	36,509	NM	14	32	42	21	32
Nebraska	11,527	12,059	-4.4%	11,339	11,855	0	0	0	0	188	204
North Dakota	13,771	12,954	6.3%	13,723	12,903	0	0	0	0	48	51
South Dakota	523	1,418	-63.1%	523	1,418	0	0	0	0	0	0
South Atlantic	127,823	153,904	-16.9%	106,280	125,814	20,661	26,909	43	27	840	1,155
Delaware	430	745	-42.2%	0	0	430	745	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	20,935	25,291	-17.2%	20,389	24,548	477	647	0	0	70	96
Georgia	20,128	24,866	-19.1%	20,018	24,612	0	0	0	0	111	255
Maryland	8,283	10,717	-22.7%	0	0	8,212	10,625	NM	NM	68	89
North Carolina	21,873	27,143	-19.4%	21,293	26,189	478	812	36	20	NM	122
South Carolina	12,091	14,934	-19.0%	12,009	14,830	0	0	0	0	82	105
Virginia	8,463	10,714	-21.0%	7,669	9,598	609	852	NM	NM	181	260
West Virginia	35,619	39,493	-9.8%	24,902	26,038	10,455	13,227	0	0	263	229
East South Central	78,118	90,906	-14.1%	75,989	88,837	1,547	1,385	NM	14	573	671
Alabama	19,904	24,177	-17.7%	19,838	24,097	0	0	0	0	66	81
Kentucky	38,418	41,523	-7.5%	38,418	41,523	0	0	0	0	0	0
Mississippi	3,531	5,722	-38.3%	1,984	4,337	1,547	1,385	0	0	0	0
Tennessee	16,267	19,484	-16.5%	15,749	18,880	0	0	NM	14	508	590
West South Central	88,280	114,430	-22.9%	45,985	61,419	42,133	52,775	0	0	162	236
Arkansas	10,921	17,130	-36.2%	8,876	15,158	2,017	1,939	0	0	29	33
Louisiana	7,697	9,018	-14.7%	3,976	2,935	3,721	6,084	0	0	0	0
Oklahoma	12,318	15,091	-18.4%	11,536	14,035	648	852	0	0	134	204
Texas	57,344	73,191	-21.7%	21,598	29,291	35,747	43,900	0	0	0	0
Mountain	87,933	93,122	-5.6%	79,322	84,873	8,181	7,785	0	0	431	465
Arizona	17,287	20,321	-14.9%	17,287	20,321	0	0	0	0	0	0
Colorado	15,812	16,099	-1.8%	15,781	16,047	NM	49	0	0	NM	NM
Idaho	44	46	-4.8%	0	0	0	0	0	0	44	46
Montana	7,418	6,727	10.3%	NM	135	7,278	6,586	0	0	NM	NM
Nevada	949	3,598	-73.6%	587	2,945	362	653	0	0	0	0
New Mexico	9,587	9,842	-2.6%	9,587	9,842	0	0	0	0	0	0
Utah	15,833	15,585	1.6%	15,487	15,204	190	192	0	0	155	189
Wyoming	21,004	20,903	0.5%	20,457	20,379	NM	304	0	0	224	220
Pacific Contiguous	1,790	3,958	-54.8%	305	1,091	1,296	2,706	0	0	189	161
California	198	363	-45.5%	0	0	NM	224	0	0	171	139
Oregon	305	1,091	-72.1%	305	1,091	0	0	0	0	0	0
Washington	1,287	2,504	-48.6%	0	0	1,269	2,482	0	0	18	22
Pacific Noncontiguous	914	1,033	-11.5%	93	102	710	788	96	120	NM	NM
Alaska	292	316	-7.5%	93	102	103	93	96	120	0	0
Hawaii	622	717	-13.2%	0	0	607	696	0	0	NM	NM
U.S. Total	688,438	804,419	-14.4%	525,059	604,815	157,286	192,533	338	449	5,754	6,622

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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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	10	16	-33.0%	NM	3	4	6	NM	NM	NM	3
Connecticut	NM	2	NM	NM	1	NM	2	NM	NM	NM	NM
Maine	NM	3	NM	NM	NM	0	0	NM	NM	NM	3
Massachusetts	8	7	6.2%	NM	1	5	4	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	0	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	1	0	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	44	36	21.5%	7	6	27	23	4	2	7	6
New Jersey	NM	1	NM	NM	NM	2	1	NM	NM	NM	NM
New York	21	20	2.3%	7	6	NM	7	3	2	6	5
Pennsylvania	22	15	47.1%	NM	NM	21	14	NM	NM	NM	NM
East North Central	59	56	5.9%	47	45	9	9	NM	NM	2	2
Illinois	5	6	-8.2%	NM	3	4	3	NM	NM	0	0
Indiana	20	12	60.9%	19	12	0	0	NM	NM	1	1
Michigan	10	12	-22.2%	9	12	0	0	NM	0	1	0
Ohio	23	24	-4.8%	17	18	6	6	NM	NM	NM	1
Wisconsin	1	1	9.7%	1	1	NM	NM	NM	NM	NM	NM
West North Central	19	26	-26.2%	18	25	NM	0	NM	NM	NM	NM
Iowa	4	6	-29.6%	4	6	NM	NM	NM	NM	NM	NM
Kansas	NM	4	NM	NM	4	0	0	0	0	0	0
Minnesota	NM	3	NM	NM	3	NM	NM	NM	NM	NM	NM
Missouri	6	8	-20.3%	6	8	0	0	NM	NM	0	0
Nebraska	2	3	-24.0%	2	3	0	0	0	0	0	0
North Dakota	3	1	99.6%	3	1	0	0	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
South Atlantic	190	125	51.7%	158	93	22	23	NM	NM	7	8
Delaware	3	2	74.3%	NM	NM	3	2	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	76	48	57.6%	75	47	NM	NM	0	0	NM	NM
Georgia	7	9	-21.8%	4	5	NM	NM	NM	0	NM	4
Maryland	17	9	90.6%	NM	2	14	6	NM	NM	NM	NM
North Carolina	19	21	-7.4%	18	14	NM	6	NM	NM	NM	NM
South Carolina	10	7	29.2%	8	6	NM	NM	NM	NM	1	1
Virginia	39	15	166.5%	34	5	4	9	NM	NM	NM	NM
West Virginia	18	14	29.8%	18	14	0	0	0	0	0	0
East South Central	34	34	-0.4%	30	32	NM	NM	NM	NM	NM	NM
Alabama	7	10	-27.8%	4	7	NM	NM	0	0	NM	NM
Kentucky	9	12	-22.7%	9	12	0	0	0	0	0	0
Mississippi	1	1	3.6%	1	1	0	0	0	0	0	0
Tennessee	16	11	46.0%	16	11	0	0	NM	NM	NM	NM
West South Central	22	15	43.8%	15	4	5	10	NM	NM	NM	NM
Arkansas	3	0	689.4%	2	0	0	0	0	0	1	0
Louisiana	7	3	118.1%	7	1	0	2	0	0	0	0
Oklahoma	1	1	63.7%	1	1	0	0	NM	NM	NM	NM
Texas	11	11	-2.0%	6	3	5	8	NM	NM	NM	NM
Mountain	19	17	9.7%	17	16	2	1	NM	NM	NM	NM
Arizona	4	5	-17.3%	4	5	0	0	NM	NM	0	0
Colorado	NM	1	NM	NM	1	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	2	NM	NM	NM	NM	2	NM	0	0	0	0
Nevada	3	2	72.7%	2	1	0	1	0	0	0	0
New Mexico	6	3	66.2%	6	3	0	NM	0	0	NM	NM
Utah	1	2	-33.8%	1	2	NM	NM	0	0	NM	NM
Wyoming	2	4	-42.9%	2	4	0	0	0	0	NM	NM
Pacific Contiguous	23	8	201.8%	6	4	7	3	NM	NM	11	NM
California	18	3	441.5%	3	2	5	1	NM	NM	10	NM
Oregon	2	1	72.4%	2	1	0	0	NM	NM	0	0
Washington	3	3	-3.7%	NM	NM	2	2	NM	NM	1	NM
Pacific Noncontiguous	614	588	4.4%	486	444	115	125	NM	NM	13	18
Alaska	59	51	17.0%	56	47	0	0	NM	NM	NM	4
Hawaii	555	537	3.2%	430	397	115	125	0	0	NM	15
U.S. Total	1,034	921	12.3%	786	672	192	199	11	8	46	41

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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 June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	1,927	2,063	-6.6%	161	247	1,641	1,664	NM	111	NM	42
Connecticut	402	471	-14.6%	NM	NM	396	458	NM	NM	NM	NM
Maine	493	286	72.2%	NM	NM	458	247	NM	NM	NM	36
Massachusetts	756	928	-18.5%	51	126	655	738	NM	NM	NM	NM
New Hampshire	169	284	-40.6%	98	102	52	162	NM	NM	NM	NM
Rhode Island	103	85	22.0%	5	5	80	59	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	2,387	2,957	-19.3%	725	851	1,574	2,011	NM	NM	62	59
New Jersey	277	454	-38.9%	NM	NM	273	441	NM	NM	NM	NM
New York	1,659	1,975	-16.0%	724	850	858	1,050	NM	NM	52	41
Pennsylvania	450	528	-14.7%	NM	NM	443	520	NM	NM	NM	NM
East North Central	322	465	-30.7%	256	318	51	132	NM	NM	NM	NM
Illinois	27	47	-42.2%	10	15	17	32	NM	NM	0	0
Indiana	97	88	10.7%	88	80	0	0	NM	NM	9	7
Michigan	61	74	-17.8%	59	71	NM	0	1	1	1	2
Ohio	121	229	-46.9%	85	130	33	95	NM	NM	NM	NM
Wisconsin	15	27	-43.7%	14	22	1	4	NM	NM	NM	NM
West North Central	164	223	-26.6%	157	210	NM	10	NM	NM	NM	1
Iowa	22	39	-44.8%	21	39	NM	NM	NM	NM	NM	NM
Kansas	31	30	4.5%	31	30	0	0	0	0	0	0
Minnesota	19	46	-58.3%	13	34	NM	10	NM	NM	NM	NM
Missouri	51	67	-24.1%	51	67	0	0	NM	NM	0	0
Nebraska	11	23	-51.8%	11	23	0	0	0	0	0	0
North Dakota	14	12	18.5%	14	11	0	0	NM	NM	NM	NM
South Dakota	15	5	202.1%	15	5	NM	NM	NM	NM	0	0
South Atlantic	2,134	2,691	-20.7%	1,530	1,795	499	787	NM	NM	69	69
Delaware	127	156	-18.7%	NM	NM	127	156	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	347	375	-7.4%	333	359	NM	NM	0	0	NM	NM
Georgia	124	131	-5.4%	52	74	47	30	NM	NM	24	26
Maryland	181	438	-58.7%	NM	NM	134	384	NM	NM	NM	NM
North Carolina	323	353	-8.7%	286	311	21	29	NM	NM	16	NM
South Carolina	167	218	-23.2%	145	196	14	15	NM	NM	9	6
Virginia	787	923	-14.7%	635	765	143	147	NM	NM	NM	NM
West Virginia	76	96	-20.7%	67	73	10	23	0	0	0	0
East South Central	212	281	-24.3%	176	247	12	10	NM	NM	NM	NM
Alabama	67	85	-21.7%	33	54	12	10	0	0	NM	NM
Kentucky	58	60	-2.9%	58	60	0	0	0	0	0	0
Mississippi	11	NM	NM	9	NM	0	0	0	0	1	0
Tennessee	77	126	-39.2%	76	125	0	0	NM	NM	NM	NM
West South Central	163	106	54.3%	98	46	58	51	NM	NM	NM	NM
Arkansas	32	13	153.8%	22	8	6	3	0	0	4	2
Louisiana	62	26	139.3%	51	NM	10	15	0	0	0	4
Oklahoma	NM	8	NM	3	7	0	0	NM	NM	NM	NM
Texas	66	59	11.0%	22	24	42	34	NM	NM	NM	NM
Mountain	118	129	-8.7%	107	118	11	11	NM	NM	NM	NM
Arizona	28	38	-26.3%	28	38	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	9	10	-6.4%	NM	NM	8	8	0	0	0	0
Nevada	8	7	22.4%	7	6	2	1	0	0	0	0
New Mexico	39	36	7.9%	38	35	NM	NM	0	0	NM	NM
Utah	9	15	-35.5%	9	14	NM	NM	0	0	NM	NM
Wyoming	17	17	3.3%	17	17	0	0	0	0	NM	NM
Pacific Contiguous	66	39	68.6%	19	22	19	9	NM	NM	27	7
California	54	22	148.0%	16	14	15	5	NM	NM	23	NM
Oregon	NM	NM	NM	2	5	0	0	NM	NM	0	0
Washington	9	12	-23.4%	NM	NM	4	5	NM	NM	4	4
Pacific Noncontiguous	3,766	3,842	-2.0%	2,916	2,951	731	754	3	3	115	135
Alaska	414	385	7.5%	389	361	0	0	NM	2	23	22
Hawaii	3,352	3,457	-3.0%	2,527	2,590	731	754	2	1	91	112
U.S. Total	11,259	12,796	-12.0%	6,144	6,807	4,601	5,440	161	194	353	356

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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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 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	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	358	318	12.4%	245	184	98	103	0	0	NM	31
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	170	109	55.8%	170	109	0	0	0	0	0	0
Michigan	78	82	-4.8%	72	67	0	5	0	0	NM	NM
Ohio	99	100	-0.5%	0	0	98	98	0	0	NM	NM
Wisconsin	11	28	-60.4%	3	8	0	0	0	0	8	20
West North Central	NM	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	NM	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	138	186	-26.0%	126	172	0	0	0	0	12	14
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	126	172	-26.7%	126	172	0	0	0	0	0	0
Georgia	12	14	-17.2%	0	0	0	0	0	0	12	14
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	84	51	64.9%	84	51	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	84	51	64.9%	84	51	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	182	530	-65.7%	148	478	0	0	0	0	33	53
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	170	514	-66.8%	148	478	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	11	17	-32.8%	0	0	0	0	0	0	11	17
Mountain	40	0	--	0	0	40	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	40	0	--	0	0	40	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	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	817	1,113	-26.6%	604	885	139	107	0	0	74	121

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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 June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
h	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	92	105	-12.1%	0	0	0	0	0	0	92	105
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	76	79	-3.2%	0	0	0	0	0	0	76	79
East North Central	1,535	1,736	-11.6%	830	1,031	586	553	0	0	119	153
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	452	649	-30.4%	452	649	0	0	0	0	0	0
Michigan	414	413	0.1%	351	325	13	30	0	0	49	58
Ohio	579	532	9.0%	0	0	573	523	0	0	NM	NM
Wisconsin	90	143	-36.7%	26	57	0	0	0	0	64	86
West North Central	NM	NM	NM	0	0	0	0	4	4	NM	NM
Iowa	NM	NM	NM	0	0	0	0	4	4	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	786	1,305	-39.7%	695	1,211	0	0	0	0	91	94
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	695	1,211	-42.6%	695	1,211	0	0	0	0	0	0
Georgia	91	94	-3.4%	0	0	0	0	0	0	91	94
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	563	437	28.8%	563	437	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	563	437	28.8%	563	437	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	2,196	2,515	-12.7%	1,942	2,211	0	0	0	0	254	304
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	2,121	2,419	-12.3%	1,942	2,211	0	0	0	0	178	209
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	75	96	-21.6%	0	0	0	0	0	0	75	96
Mountain	239	176	35.8%	0	0	239	176	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	239	176	35.8%	0	0	239	176	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	5,440	6,317	-13.9%	4,030	4,889	827	739	4	4	578	686

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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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	4,707	4,747	-0.8%	41	23	4,474	4,476	71	73	122	175
Connecticut	1,352	1,306	3.5%	0	1	1,281	1,226	NM	26	46	53
Maine	141	542	-74.0%	0	0	79	434	NM	NM	59	105
Massachusetts	1,897	1,847	2.7%	41	21	1,804	1,772	38	40	NM	NM
New Hampshire	514	404	27.2%	0	1	510	399	NM	NM	NM	NM
Rhode Island	804	648	24.0%	0	0	800	644	NM	NM	0	0
Vermont	0	0	-66.7%	0	0	0	0	0	0	0	0
Middle Atlantic	13,088	12,797	2.3%	1,174	1,177	11,681	11,388	91	84	142	148
New Jersey	3,175	2,827	12.3%	NM	NM	3,120	2,771	NM	NM	NM	36
New York	4,796	5,094	-5.9%	1,169	1,172	3,544	3,844	65	56	NM	22
Pennsylvania	5,117	4,876	4.9%	NM	NM	5,016	4,773	NM	NM	89	91
East North Central	7,243	4,921	47.2%	2,942	1,803	4,048	2,914	125	102	128	102
Illinois	908	559	62.4%	NM	61	767	422	47	41	NM	34
Indiana	1,165	616	89.3%	1,010	405	101	165	NM	NM	49	40
Michigan	1,598	1,003	59.4%	355	267	1,166	690	45	31	32	14
Ohio	2,496	2,114	18.0%	945	763	1,529	1,328	NM	NM	NM	NM
Wisconsin	1,076	629	71.0%	572	307	486	308	NM	NM	NM	NM
West North Central	1,709	991	72.4%	1,464	813	187	136	26	18	32	24
Iowa	234	168	39.2%	220	159	NM	NM	NM	NM	NM	NM
Kansas	205	175	17.6%	191	163	0	0	0	0	NM	NM
Minnesota	638	334	90.8%	564	288	55	35	NM	NM	NM	NM
Missouri	474	267	77.5%	332	156	132	102	9	8	NM	NM
Nebraska	68	32	111.9%	68	32	0	0	0	NM	0	0
North Dakota	NM	NM	NM	1	0	0	0	0	0	NM	NM
South Dakota	88	NM	NM	88	NM	0	0	0	0	0	0
South Atlantic	28,774	23,333	23.3%	22,949	18,710	5,477	4,359	51	50	296	214
Delaware	643	603	6.7%	NM	NM	555	565	0	0	85	35
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	14,084	12,735	10.6%	13,040	11,911	923	705	NM	NM	118	115
Georgia	4,655	3,705	25.6%	2,922	2,605	1,690	1,080	0	0	43	19
Maryland	498	280	77.9%	0	0	455	236	NM	40	NM	NM
North Carolina	3,454	2,850	21.2%	3,047	1,982	392	856	1	0	NM	NM
South Carolina	1,711	1,075	59.2%	1,474	944	233	127	NM	NM	NM	NM
Virginia	3,573	2,047	74.6%	2,446	1,265	1,096	755	NM	NM	30	26
West Virginia	150	35	334.3%	15	0	135	34	0	0	NM	NM
East South Central	10,547	7,983	32.1%	5,696	4,351	4,696	3,396	NM	NM	140	219
Alabama	5,081	4,168	21.9%	1,408	1,245	3,598	2,847	0	0	74	76
Kentucky	257	115	123.7%	160	86	79	10	0	0	NM	NM
Mississippi	4,313	2,930	47.2%	3,264	2,283	1,018	539	NM	NM	30	107
Tennessee	896	770	16.4%	863	737	0	0	NM	NM	18	18
West South Central	30,990	26,925	15.1%	9,326	7,812	16,358	14,097	87	84	5,218	4,933
Arkansas	1,317	1,066	23.6%	410	354	882	690	NM	NM	25	21
Louisiana	6,176	4,957	24.6%	2,974	2,317	1,076	764	NM	NM	2,110	1,860
Oklahoma	2,959	2,212	33.8%	1,744	1,299	1,203	904	NM	NM	NM	NM
Texas	20,538	18,691	9.9%	4,198	3,841	13,196	11,739	68	66	3,075	3,044
Mountain	10,108	7,693	31.4%	6,160	4,863	3,830	2,734	29	28	90	68
Arizona	4,141	2,993	38.3%	1,739	1,365	2,392	1,618	10	10	0	0
Colorado	1,057	1,004	5.2%	671	585	385	419	0	0	NM	NM
Idaho	458	76	501.1%	296	37	159	36	0	0	NM	3
Montana	71	NM	NM	67	NM	NM	NM	0	0	0	0
Nevada	2,828	1,917	47.6%	2,343	1,585	471	323	NM	NM	NM	3
New Mexico	731	825	-11.3%	380	531	346	288	NM	NM	0	0
Utah	768	812	-5.5%	660	729	71	NM	NM	NM	31	30
Wyoming	53	35	50.4%	NM	NM	NM	NM	0	0	46	31
Pacific Contiguous	13,110	8,828	48.5%	4,597	2,802	7,400	4,914	129	128	983	984
California	10,349	8,205	26.1%	3,094	2,496	6,161	4,607	120	123	974	979
Oregon	1,460	321	355.3%	416	48	1,033	266	NM	NM	NM	NM
Washington	1,301	302	330.3%	1,088	258	206	40	NM	NM	5	3
Pacific Noncontiguous	205	223	-8.1%	199	220	0	0	NM	NM	NM	NM
Alaska	205	223	-8.1%	199	220	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	120,481	98,441	22.4%	54,548	42,573	58,151	48,415	625	584	7,157	6,869

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

Table 1.10.B. Net Generation from Natural Gas

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	23,201	20,796	11.6%	127	110	21,982	19,397	409	408	683	881
Connecticut	7,820	6,588	18.7%	1	6	7,410	6,153	145	143	264	286
Maine	1,362	2,201	-38.1%	0	0	1,026	1,681	NM	NM	324	508
Massachusetts	8,287	7,867	5.3%	124	95	7,859	7,475	223	225	NM	73
New Hampshire	2,859	1,697	68.5%	1	8	2,835	1,667	NM	NM	NM	NM
Rhode Island	2,872	2,442	17.6%	0	0	2,851	2,423	NM	NM	0	0
Vermont	1	1	-5.1%	1	1	0	0	0	0	0	0
Middle Atlantic	68,464	60,513	13.1%	5,397	5,485	61,692	53,707	533	490	842	832
New Jersey	16,379	13,115	24.9%	NM	NM	16,068	12,810	NM	86	198	200
New York	25,741	24,621	4.5%	5,371	5,464	19,873	18,687	379	347	118	123
Pennsylvania	26,344	22,778	15.7%	NM	NM	25,751	22,211	NM	57	526	508
East North Central	42,494	29,111	46.0%	17,184	11,382	23,749	16,421	768	670	794	638
Illinois	4,629	2,470	87.4%	180	206	3,949	1,780	303	303	197	181
Indiana	8,440	4,886	72.7%	6,823	3,615	1,263	992	65	NM	291	249
Michigan	8,869	6,480	36.9%	1,930	1,577	6,513	4,580	244	201	182	122
Ohio	14,150	11,665	21.3%	5,337	4,290	8,678	7,258	NM	87	NM	30
Wisconsin	6,406	3,610	77.5%	2,914	1,696	3,345	1,810	63	49	84	55
West North Central	7,148	5,087	40.5%	6,015	4,229	816	619	127	98	190	140
Iowa	944	606	55.9%	859	544	NM	NM	NM	24	54	37
Kansas	741	865	-14.3%	676	819	0	0	0	0	65	46
Minnesota	3,033	1,696	78.8%	2,650	1,329	265	272	64	51	53	44
Missouri	1,936	1,575	22.9%	1,351	1,202	551	347	31	23	NM	NM
Nebraska	153	204	-25.1%	148	202	0	0	NM	NM	NM	NM
North Dakota	16	NM	NM	7	0	0	0	0	0	NM	NM
South Dakota	325	133	144.3%	325	133	0	0	0	0	0	0
South Atlantic	144,659	117,478	23.1%	116,497	95,678	26,154	20,127	286	257	1,722	1,417
Delaware	3,183	2,414	31.8%	NM	NM	2,662	2,144	0	0	503	257
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	74,861	67,040	11.7%	69,876	62,617	4,259	3,734	NM	NM	704	673
Georgia	23,510	17,304	35.9%	15,827	13,063	7,446	4,030	0	0	237	211
Maryland	1,831	1,096	67.1%	0	0	1,581	867	223	204	NM	NM
North Carolina	18,063	13,078	38.1%	14,135	9,114	3,854	3,898	3	0	72	66
South Carolina	6,974	5,558	25.5%	6,263	5,000	688	536	NM	NM	17	18
Virginia	15,752	10,685	47.4%	10,311	5,716	5,278	4,801	NM	NM	161	166
West Virginia	454	270	68.0%	69	155	385	115	0	0	NM	NM
East South Central	55,374	41,169	34.5%	29,869	22,896	24,152	16,839	NM	94	1,261	1,340
Alabama	26,874	21,239	26.5%	7,241	7,012	19,169	13,748	0	0	463	479
Kentucky	1,963	1,795	9.4%	1,636	1,558	221	132	0	0	107	105
Mississippi	22,084	15,262	44.7%	16,724	11,588	4,762	2,959	NM	NM	587	704
Tennessee	4,453	2,873	55.0%	4,268	2,737	0	0	NM	84	104	52
West South Central	165,228	137,654	20.0%	44,775	37,150	90,302	70,016	463	442	29,688	30,046
Arkansas	8,180	5,047	62.1%	1,878	848	6,116	4,056	NM	NM	186	143
Louisiana	30,535	27,413	11.4%	14,241	10,724	5,311	4,979	92	92	10,890	11,618
Oklahoma	15,893	12,819	24.0%	10,240	8,450	5,589	4,313	NM	NM	50	48
Texas	110,620	92,375	19.8%	18,416	17,128	73,286	56,668	357	341	18,562	18,238
Mountain	38,618	33,448	15.5%	25,513	20,636	12,454	12,116	153	182	499	514
Arizona	11,274	9,628	17.1%	5,249	4,106	5,971	5,458	55	64	0	0
Colorado	4,689	5,248	-10.7%	3,018	2,903	1,667	2,335	0	5	NM	NM
Idaho	1,423	946	50.5%	812	454	587	474	0	0	23	18
Montana	320	226	41.8%	300	211	NM	NM	0	0	0	0
Nevada	12,793	9,271	38.0%	10,657	7,202	2,062	1,972	32	34	43	62
New Mexico	4,220	4,214	0.1%	2,253	2,521	1,937	1,655	30	37	0	NM
Utah	3,593	3,659	-1.8%	3,204	3,222	199	200	37	41	153	196
Wyoming	306	256	19.4%	NM	NM	NM	NM	0	0	276	231
Pacific Contiguous	58,766	61,248	-4.1%	21,971	19,847	30,746	34,418	712	825	5,336	6,158
California	48,275	52,979	-8.9%	16,182	15,203	26,147	30,878	665	787	5,280	6,111
Oregon	6,311	4,531	39.3%	2,224	1,494	4,021	2,984	36	30	29	23
Washington	4,180	3,738	11.8%	3,564	3,150	578	556	NM	NM	27	24
Pacific Noncontiguous	1,423	1,505	-5.4%	1,394	1,479	0	0	NM	NM	NM	23
Alaska	1,423	1,505	-5.4%	1,394	1,479	0	0	NM	NM	NM	23
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	605,375	508,009	19.2%	268,742	218,891	292,046	243,661	3,548	3,469	41,040	41,987

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 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	51	50	3.0%	0	0	0	0	0	0	51	50
New Jersey	19	15	30.7%	0	0	0	0	0	0	19	15
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	32	35	-8.9%	0	0	0	0	0	0	32	35
East North Central	453	359	26.4%	15	3	173	139	0	0	265	216
Illinois	31	24	28.7%	0	0	0	0	0	0	31	24
Indiana	212	173	22.1%	0	0	0	0	0	0	212	173
Michigan	124	92	35.1%	15	3	109	89	0	0	0	0
Ohio	86	69	24.7%	0	0	64	51	0	0	22	19
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	26	21	23.9%	0	0	0	0	0	0	26	21
Delaware	23	17	29.6%	0	0	0	0	0	0	23	17
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	1	-63.8%	0	0	0	0	0	0	0	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	3	2	17.9%	0	0	0	0	0	0	3	2
East South Central	5	25	-81.6%	0	0	0	0	0	0	5	25
Alabama	4	24	-84.4%	0	0	0	0	0	0	4	24
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1	1	-13.6%	0	0	0	0	0	0	1	1
West South Central	340	350	-3.1%	0	0	66	148	0	0	274	202
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	180	178	1.2%	0	0	0	73	0	0	180	104
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	159	172	-7.5%	0	0	66	75	0	0	94	98
Mountain	39	22	74.0%	0	0	3	0	0	0	36	22
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	--	0	0	2	0	0	0	0	0
Nevada	1	0	104.0%	0	0	1	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	0	--	0	0	0	0	0	0	NM	0
Wyoming	36	22	63.1%	0	0	0	0	0	0	36	22
Pacific Contiguous	161	130	23.8%	0	0	31	33	0	0	129	97
California	129	97	33.1%	0	0	0	0	0	0	129	97
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	31	33	-3.7%	0	0	31	33	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	1,079	962	12.2%	15	3	273	320	0	0	791	638

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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 June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 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	303	317	-4.3%	0	0	0	0	0	0	303	317
New Jersey	87	92	-4.5%	0	0	0	0	0	0	87	92
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	216	225	-4.3%	0	0	0	0	0	0	216	225
East North Central	2,301	2,016	14.1%	119	57	902	734	0	0	1,279	1,226
Illinois	141	148	-5.1%	0	0	0	6	0	0	141	143
Indiana	1,032	984	4.9%	0	0	0	0	0	0	1,032	984
Michigan	728	491	48.5%	119	57	609	434	0	0	0	0
Ohio	400	394	1.5%	0	0	293	294	0	0	107	100
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	18	20	-6.6%	0	0	0	0	0	0	18	20
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	18	20	-6.6%	0	0	0	0	0	0	18	20
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	102	84	20.6%	0	0	0	0	0	0	102	84
Delaware	85	68	24.4%	0	0	0	0	0	0	85	68
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2	3	-50.1%	0	0	0	0	0	0	2	3
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	15	13	18.6%	0	0	0	0	0	0	15	13
East South Central	39	118	-66.8%	0	0	0	0	0	0	39	118
Alabama	33	111	-69.9%	0	0	0	0	0	0	33	111
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	6	7	-18.8%	0	0	0	0	0	0	6	7
West South Central	2,166	1,779	21.7%	0	0	895	856	0	0	1,271	923
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,087	843	29.0%	0	0	369	389	0	0	719	454
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,078	936	15.2%	0	0	526	467	0	0	552	469
Mountain	207	165	25.1%	0	0	9	2	0	0	197	163
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	7	0	NM	0	0	7	0	0	0	0	0
Nevada	2	2	3.3%	0	0	2	2	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	195	163	20.0%	0	0	0	0	0	0	195	163
Pacific Contiguous	913	716	27.6%	0	0	190	140	0	0	724	576
California	724	576	25.7%	0	0	0	0	0	0	724	576
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	190	140	35.7%	0	0	190	140	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	6,063	5,233	15.9%	119	57	1,996	1,732	0	0	3,947	3,444

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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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	2,885	3,240	-11.0%	0	0	2,885	3,240	0	0	0	0
Connecticut	1,512	1,434	5.4%	0	0	1,512	1,434	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	476	483	-1.5%	0	0	476	483	0	0	0	0
New Hampshire	897	898	-0.1%	0	0	897	898	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	425	-100.0%	0	0	0	425	0	0	0	0
Middle Atlantic	13,833	12,446	11.1%	0	0	13,833	12,446	0	0	0	0
New Jersey	2,966	2,147	38.1%	0	0	2,966	2,147	0	0	0	0
New York	3,844	3,686	4.3%	0	0	3,844	3,686	0	0	0	0
Pennsylvania	7,022	6,613	6.2%	0	0	7,022	6,613	0	0	0	0
East North Central	13,022	13,661	-4.7%	1,597	2,336	11,424	11,325	0	0	0	0
Illinois	8,435	8,464	-0.3%	0	0	8,435	8,464	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,168	2,783	-22.1%	1,597	2,336	570	448	0	0	0	0
Ohio	1,557	1,551	0.3%	0	0	1,557	1,551	0	0	0	0
Wisconsin	863	862	0.1%	0	0	863	862	0	0	0	0
West North Central	3,968	4,095	-3.1%	3,536	3,668	432	427	0	0	0	0
Iowa	432	427	1.0%	0	0	432	427	0	0	0	0
Kansas	863	863	0.0%	863	863	0	0	0	0	0	0
Minnesota	1,050	1,155	-9.1%	1,050	1,155	0	0	0	0	0	0
Missouri	864	865	-0.2%	864	865	0	0	0	0	0	0
Nebraska	760	786	-3.3%	760	786	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	17,360	16,858	3.0%	16,105	15,620	1,255	1,238	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	2,597	2,479	4.8%	2,597	2,479	0	0	0	0	0	0
Georgia	2,929	2,884	1.6%	2,929	2,884	0	0	0	0	0	0
Maryland	1,255	1,238	1.4%	0	0	1,255	1,238	0	0	0	0
North Carolina	3,697	3,680	0.5%	3,697	3,680	0	0	0	0	0	0
South Carolina	4,289	3,978	7.8%	4,289	3,978	0	0	0	0	0	0
Virginia	2,593	2,600	-0.3%	2,593	2,600	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7,020	6,470	8.5%	7,020	6,470	0	0	0	0	0	0
Alabama	3,620	3,589	0.9%	3,620	3,589	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	971	937	3.6%	971	937	0	0	0	0	0	0
Tennessee	2,428	1,944	24.9%	2,428	1,944	0	0	0	0	0	0
West South Central	5,950	6,093	-2.3%	2,382	2,529	3,568	3,564	0	0	0	0
Arkansas	1,317	994	32.5%	1,317	994	0	0	0	0	0	0
Louisiana	1,065	1,535	-30.6%	1,065	1,535	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,568	3,564	0.1%	0	0	3,568	3,564	0	0	0	0
Mountain	2,849	2,848	0.0%	2,849	2,848	0	0	0	0	0	0
Arizona	2,849	2,848	0.0%	2,849	2,848	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,660	2,427	-31.6%	1,660	2,427	0	0	0	0	0	0
California	1,640	1,628	0.7%	1,640	1,628	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	20	800	-97.5%	20	800	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	68,546	68,138	0.6%	35,150	35,898	33,396	32,240	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 June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	16,505	17,980	-8.2%	0	0	16,505	17,980	0	0	0	0
Connecticut	9,015	7,817	15.3%	0	0	9,015	7,817	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	2,074	2,858	-27.4%	0	0	2,074	2,858	0	0	0	0
New Hampshire	5,416	4,663	16.2%	0	0	5,416	4,663	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	2,643	-100.0%	0	0	0	2,643	0	0	0	0
Middle Atlantic	77,914	73,664	5.8%	0	0	77,914	73,664	0	0	0	0
New Jersey	16,528	15,442	7.0%	0	0	16,528	15,442	0	0	0	0
New York	21,777	20,615	5.6%	0	0	21,777	20,615	0	0	0	0
Pennsylvania	39,609	37,606	5.3%	0	0	39,609	37,606	0	0	0	0
East North Central	76,526	74,228	3.1%	12,264	12,482	64,261	61,747	0	0	0	0
Illinois	47,751	47,663	0.2%	0	0	47,751	47,663	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	15,778	14,755	6.9%	12,264	12,482	3,514	2,273	0	0	0	0
Ohio	7,783	7,169	8.6%	0	0	7,783	7,169	0	0	0	0
Wisconsin	5,214	4,642	12.3%	0	0	5,214	4,642	0	0	0	0
West North Central	21,354	23,186	-7.9%	18,762	20,564	2,592	2,622	0	0	0	0
Iowa	2,592	2,622	-1.1%	0	0	2,592	2,622	0	0	0	0
Kansas	3,298	3,248	1.5%	3,298	3,248	0	0	0	0	0	0
Minnesota	5,458	6,741	-19.0%	5,458	6,741	0	0	0	0	0	0
Missouri	5,227	5,330	-1.9%	5,227	5,330	0	0	0	0	0	0
Nebraska	4,779	5,245	-8.9%	4,779	5,245	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	100,006	96,332	3.8%	92,981	89,615	7,025	6,718	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	14,319	13,429	6.6%	14,319	13,429	0	0	0	0	0	0
Georgia	16,818	15,960	5.4%	16,818	15,960	0	0	0	0	0	0
Maryland	7,025	6,718	4.6%	0	0	7,025	6,718	0	0	0	0
North Carolina	20,372	20,119	1.3%	20,372	20,119	0	0	0	0	0	0
South Carolina	27,091	24,914	8.7%	27,091	24,914	0	0	0	0	0	0
Virginia	14,380	15,194	-5.4%	14,380	15,194	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	38,997	37,717	3.4%	38,997	37,717	0	0	0	0	0	0
Alabama	20,222	20,987	-3.6%	20,222	20,987	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	5,667	4,088	38.6%	5,667	4,088	0	0	0	0	0	0
Tennessee	13,108	12,642	3.7%	13,108	12,642	0	0	0	0	0	0
West South Central	35,701	33,164	7.7%	15,058	14,591	20,643	18,573	0	0	0	0
Arkansas	7,239	6,364	13.8%	7,239	6,364	0	0	0	0	0	0
Louisiana	7,819	8,227	-5.0%	7,819	8,227	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	20,643	18,573	11.1%	0	0	20,643	18,573	0	0	0	0
Mountain	16,244	16,181	0.4%	16,244	16,181	0	0	0	0	0	0
Arizona	16,244	16,181	0.4%	16,244	16,181	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	13,168	13,118	0.4%	13,168	13,118	0	0	0	0	0	0
California	9,765	8,309	17.5%	9,765	8,309	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	3,403	4,810	-29.3%	3,403	4,810	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	396,415	385,570	2.8%	207,475	204,268	188,941	181,303	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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	682	586	16.3%	91	76	556	474	NM	NM	35	36
Connecticut	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Maine	290	284	2.0%	0	0	255	249	0	0	35	35
Massachusetts	88	77	13.9%	NM	NM	67	57	NM	NM	NM	NM
New Hampshire	180	107	68.9%	32	24	148	82	0	0	0	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	NM	90	NM	NM	NM	NM	60	0	0	0	0
Middle Atlantic	2,374	2,368	0.3%	1,778	1,873	591	490	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,129	2,134	-0.2%	1,772	1,782	353	347	NM	NM	NM	NM
Pennsylvania	242	232	4.5%	NM	91	236	141	0	0	0	0
East North Central	335	451	-25.6%	299	404	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	8	NM	NM	0	0
Indiana	31	29	7.1%	31	29	0	0	0	0	0	0
Michigan	107	153	-30.1%	97	140	NM	NM	0	0	NM	NM
Ohio	NM	38	NM	NM	38	0	0	0	0	0	0
Wisconsin	151	219	-31.0%	134	194	NM	NM	0	0	NM	NM
West North Central	1,055	974	8.3%	1,031	944	NM	NM	0	0	NM	NM
Iowa	52	74	-29.0%	52	73	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	NM	56	NM	NM	NM	NM	NM	0	0	NM	NM
Missouri	263	77	243.2%	263	77	0	0	0	0	0	0
Nebraska	88	128	-31.6%	88	128	0	0	0	0	0	0
North Dakota	196	278	-29.5%	196	278	0	0	0	0	0	0
South Dakota	406	361	12.6%	406	361	0	0	0	0	0	0
South Atlantic	1,082	1,159	-6.7%	850	903	193	176	NM	NM	37	79
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	238	227	4.9%	235	224	NM	NM	0	0	NM	NM
Maryland	152	145	4.7%	0	0	152	145	0	0	0	0
North Carolina	312	398	-21.6%	306	349	NM	NM	NM	NM	NM	44
South Carolina	184	188	-2.1%	177	181	NM	NM	NM	NM	0	0
Virginia	81	97	-16.5%	75	91	NM	NM	0	0	NM	NM
West Virginia	97	86	12.3%	NM	NM	23	13	0	0	35	32
East South Central	1,329	1,458	-8.9%	1,328	1,407	NM	NM	0	0	0	51
Alabama	503	618	-18.6%	503	618	0	0	0	0	0	0
Kentucky	189	230	-17.6%	188	229	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	636	611	4.2%	636	560	0	0	0	0	0	51
West South Central	854	660	29.3%	746	540	108	120	0	0	0	0
Arkansas	258	276	-6.4%	255	274	NM	NM	0	0	0	0
Louisiana	103	117	-12.2%	0	0	103	117	0	0	0	0
Oklahoma	401	231	73.6%	401	231	0	0	0	0	0	0
Texas	92	37	149.3%	89	35	NM	NM	0	0	0	0
Mountain	2,927	3,475	-15.8%	2,558	2,960	368	514	NM	NM	0	0
Arizona	604	544	11.0%	604	544	0	0	0	0	0	0
Colorado	148	192	-22.7%	131	167	NM	NM	NM	NM	0	0
Idaho	755	969	-22.1%	676	864	78	105	0	0	0	0
Montana	1,058	1,310	-19.2%	790	933	268	377	0	0	0	0
Nevada	199	236	-15.7%	195	231	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	71	NM	NM	70	NM	NM	0	0	0	0
Wyoming	107	136	-21.8%	106	135	NM	NM	0	0	0	0
Pacific Contiguous	9,245	14,546	-36.4%	9,148	14,388	97	158	NM	NM	0	0
California	1,529	2,206	-30.7%	1,470	2,107	58	99	NM	NM	0	0
Oregon	2,002	3,402	-41.2%	1,980	3,374	NM	NM	0	0	0	0
Washington	5,715	8,938	-36.1%	5,698	8,906	NM	NM	0	0	0	0
Pacific Noncontiguous	120	136	-11.6%	115	131	2	0	0	0	NM	NM
Alaska	113	129	-12.0%	113	129	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	2	0	0	0	NM	NM
U.S. Total	20,002	25,814	-22.5%	17,943	23,625	1,953	1,983	NM	NM	102	203

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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 June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	3,797	3,915	-3.0%	525	526	3,056	3,185	NM	NM	213	201
Connecticut	186	193	-4.0%	NM	NM	169	176	0	0	0	0
Maine	1,746	1,760	-0.8%	0	0	1,536	1,565	0	0	210	195
Massachusetts	496	528	-6.1%	127	133	364	391	NM	NM	NM	NM
New Hampshire	780	821	-5.0%	181	171	598	646	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	587	610	-3.8%	200	205	387	405	0	0	0	0
Middle Atlantic	13,993	14,470	-3.3%	10,888	11,190	3,074	3,248	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	12,479	12,660	-1.4%	10,362	10,388	2,087	2,241	NM	NM	NM	NM
Pennsylvania	1,500	1,795	-16.4%	526	802	974	993	0	0	0	0
East North Central	2,293	2,338	-1.9%	2,049	2,086	144	155	NM	NM	99	96
Illinois	60	68	-11.9%	NM	NM	38	45	NM	NM	0	0
Indiana	151	144	5.3%	151	144	0	0	0	0	0	0
Michigan	781	798	-2.2%	711	724	54	59	0	0	NM	NM
Ohio	185	193	-4.1%	185	193	0	0	0	0	0	0
Wisconsin	1,116	1,136	-1.7%	981	1,003	52	NM	0	0	83	81
West North Central	5,604	5,094	10.0%	5,446	4,939	104	106	0	0	54	49
Iowa	401	386	3.9%	397	383	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	297	286	3.8%	150	142	93	95	0	0	54	49
Missouri	698	390	78.9%	698	390	0	0	0	0	0	0
Nebraska	638	662	-3.6%	638	662	0	0	0	0	0	0
North Dakota	1,167	1,189	-1.9%	1,167	1,189	0	0	0	0	0	0
South Dakota	2,396	2,173	10.3%	2,396	2,173	0	0	0	0	0	0
South Atlantic	7,491	9,288	-19.3%	5,706	7,153	1,240	1,475	NM	NM	538	649
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	114	119	-3.8%	114	119	0	0	0	0	0	0
Georgia	1,520	1,867	-18.6%	1,503	1,850	NM	NM	0	0	NM	NM
Maryland	959	1,170	-18.0%	0	0	959	1,170	0	0	0	0
North Carolina	2,256	2,912	-22.5%	2,018	2,552	NM	NM	NM	NM	204	321
South Carolina	1,315	1,702	-22.8%	1,268	1,654	NM	46	NM	NM	0	0
Virginia	590	758	-22.1%	550	716	NM	37	0	0	NM	NM
West Virginia	738	761	-3.0%	253	263	166	186	0	0	319	312
East South Central	11,896	11,964	-0.6%	11,649	11,593	NM	NM	0	0	244	366
Alabama	5,293	5,623	-5.9%	5,293	5,623	0	0	0	0	0	0
Kentucky	1,700	1,596	6.6%	1,696	1,591	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	4,903	4,745	3.3%	4,660	4,379	0	0	0	0	244	366
West South Central	3,744	3,289	13.8%	3,203	2,612	541	676	0	0	0	0
Arkansas	1,512	1,467	3.0%	1,497	1,459	NM	NM	0	0	0	0
Louisiana	512	653	-21.6%	0	0	512	653	0	0	0	0
Oklahoma	1,294	843	53.5%	1,294	843	0	0	0	0	0	0
Texas	427	326	30.8%	413	311	NM	NM	0	0	0	0
Mountain	16,766	17,689	-5.2%	14,168	15,221	2,594	2,463	NM	NM	0	0
Arizona	3,280	3,039	7.9%	3,280	3,039	0	0	0	0	0	0
Colorado	774	1,066	-27.4%	652	944	118	117	NM	NM	0	0
Idaho	4,795	5,096	-5.9%	4,414	4,689	381	408	0	0	0	0
Montana	5,776	6,155	-6.2%	3,721	4,256	2,056	1,899	0	0	0	0
Nevada	1,357	1,481	-8.3%	1,328	1,452	NM	NM	0	0	0	0
New Mexico	63	84	-25.2%	63	84	0	0	0	0	0	0
Utah	310	360	-13.9%	304	354	NM	NM	0	0	0	0
Wyoming	412	409	0.7%	406	403	NM	NM	0	0	0	0
Pacific Contiguous	67,877	71,722	-5.4%	67,327	71,082	549	639	NM	NM	0	0
California	6,365	8,165	-22.0%	6,123	7,822	241	341	NM	NM	0	0
Oregon	18,923	20,026	-5.5%	18,772	19,886	151	140	0	0	0	0
Washington	42,589	43,532	-2.2%	42,431	43,374	158	158	0	0	0	0
Pacific Noncontiguous	856	809	5.8%	818	780	13	4	0	0	NM	NM
Alaska	808	770	4.9%	808	770	0	0	0	0	0	0
Hawaii	48	NM	NM	NM	NM	13	4	0	0	NM	NM
U.S. Total	134,316	140,578	-4.5%	121,778	127,183	11,320	11,956	NM	NM	1,200	1,415

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

Table 1.14.A. Net Generation from Renewable Sources Excluding Hydroelectric by State, by Sector, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	795	813	-2.1%	67	73	617	579	16	18	95	142
Connecticut	69	66	4.6%	0	0	69	64	0	NM	0	0
Maine	306	353	-13.3%	0	0	202	202	9	9	95	142
Massachusetts	186	160	16.7%	NM	NM	178	151	NM	NM	NM	0
New Hampshire	153	152	0.0%	30	30	119	119	NM	4	0	0
Rhode Island	23	21	7.1%	0	0	22	21	NM	0	0	0
Vermont	59	60	-3.0%	31	37	27	23	NM	NM	0	0
Middle Atlantic	1,043	953	9.5%	10	7	900	810	63	58	70	78
New Jersey	175	170	3.0%	10	7	132	135	33	28	NM	NM
New York	432	403	7.0%	0	0	391	364	19	19	22	20
Pennsylvania	436	379	15.0%	0	0	377	312	11	10	49	57
East North Central	1,721	1,754	-1.9%	173	179	1,394	1,418	20	22	133	135
Illinois	572	684	-16.4%	NM	NM	571	683	NM	0	0	0
Indiana	327	240	35.8%	28	27	294	208	NM	NM	NM	3
Michigan	455	461	-1.2%	66	56	321	321	18	19	50	64
Ohio	151	136	11.3%	NM	NM	121	104	NM	NM	28	27
Wisconsin	216	233	-7.3%	76	92	88	101	NM	NM	52	40
West North Central	3,158	3,613	-12.6%	916	1,007	2,186	2,537	6	11	50	58
Iowa	925	1,042	-11.3%	528	566	395	471	NM	NM	0	3
Kansas	818	925	-11.6%	63	81	755	844	0	0	0	0
Minnesota	625	738	-15.3%	130	163	443	518	NM	NM	50	55
Missouri	69	91	-24.1%	3	3	66	83	0	4	NM	NM
Nebraska	193	206	-6.3%	17	18	174	186	NM	NM	0	0
North Dakota	341	422	-19.1%	134	137	207	285	0	0	0	0
South Dakota	187	188	-0.6%	41	39	146	149	0	0	0	0
South Atlantic	1,967	1,824	7.8%	204	179	868	730	43	45	852	870
Delaware	12	12	-1.9%	NM	NM	10	11	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	437	426	2.6%	32	24	231	225	NM	NM	172	174
Georgia	394	371	6.1%	NM	0	71	70	NM	NM	320	299
Maryland	96	77	24.1%	NM	NM	85	62	NM	NM	7	11
North Carolina	386	324	19.1%	NM	NM	267	204	16	16	103	103
South Carolina	177	207	-14.6%	37	40	NM	9	0	0	131	158
Virginia	361	343	5.2%	131	112	91	86	20	20	119	126
West Virginia	104	62	66.0%	0	0	104	62	0	0	0	0
East South Central	519	533	-2.7%	8	8	42	31	NM	NM	468	493
Alabama	256	276	-7.5%	0	0	22	18	0	0	234	258
Kentucky	41	36	12.7%	8	8	0	0	0	0	32	28
Mississippi	126	129	-2.7%	0	0	NM	NM	0	0	125	128
Tennessee	97	92	5.4%	0	0	19	12	NM	NM	78	79
West South Central	5,017	5,754	-12.8%	168	169	4,401	5,133	NM	7	442	446
Arkansas	123	130	-5.5%	0	0	9	9	NM	NM	114	121
Louisiana	230	218	5.7%	0	0	6	6	0	0	224	212
Oklahoma	1,135	1,124	1.0%	130	142	980	956	0	0	25	27
Texas	3,528	4,282	-17.6%	38	27	3,406	4,162	NM	7	78	86
Mountain	2,108	2,474	-14.8%	190	239	1,869	2,195	16	11	33	29
Arizona	425	420	1.2%	56	43	367	375	NM	NM	0	0
Colorado	467	613	-23.8%	9	16	455	593	NM	NM	NM	NM
Idaho	203	273	-25.4%	10	14	161	229	0	0	32	29
Montana	84	127	-33.5%	8	15	76	112	0	0	0	0
Nevada	458	371	23.5%	0	0	448	367	10	4	NM	NM
New Mexico	201	279	-28.0%	15	12	186	267	NM	NM	0	0
Utah	104	118	-11.9%	22	21	82	97	0	0	0	0
Wyoming	165	273	-39.7%	70	119	95	154	0	0	0	0
Pacific Contiguous	6,293	6,676	-5.7%	694	891	5,297	5,469	94	95	208	221
California	4,810	4,648	3.5%	257	303	4,403	4,187	92	93	58	65
Oregon	771	1,120	-31.2%	146	210	574	859	NM	NM	48	49
Washington	713	908	-21.5%	291	378	320	423	0	0	102	107
Pacific Noncontiguous	112	133	-15.6%	11	9	73	97	20	17	9	9
Alaska	14	15	-8.4%	7	NM	NM	NM	NM	3	0	NM
Hawaii	98	118	-16.5%	NM	2	70	93	16	14	9	9
U.S. Total	22,733	24,526	-7.3%	2,440	2,762	17,648	18,999	284	285	2,360	2,480

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 1.14.B. Net Generation from Renewable Sources Excluding Hydroelectric

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	5,310	5,058	5.0%	447	452	3,994	3,573	108	107	762	926
Connecticut	398	392	1.5%	0	0	387	376	11	16	0	0
Maine	2,276	2,311	-1.5%	0	0	1,466	1,333	51	52	759	926
Massachusetts	1,037	886	17.0%	41	42	974	826	20	18	NM	0
New Hampshire	1,034	949	9.0%	154	168	861	761	19	20	0	0
Rhode Island	131	114	14.8%	0	0	124	114	NM	0	0	0
Vermont	434	406	6.9%	252	243	181	162	NM	NM	0	0
Middle Atlantic	7,431	7,349	1.1%	49	27	6,622	6,561	347	315	412	445
New Jersey	918	840	9.3%	49	27	693	668	175	144	NM	NM
New York	3,376	3,366	0.3%	0	0	3,151	3,121	110	112	115	132
Pennsylvania	3,137	3,144	-0.2%	0	0	2,779	2,773	61	59	297	312
East North Central	14,767	14,583	1.3%	1,433	1,451	12,361	12,189	114	99	859	844
Illinois	5,741	6,169	-6.9%	NM	6	5,733	6,163	NM	NM	0	0
Indiana	2,606	2,130	22.4%	156	157	2,419	1,941	10	10	21	21
Michigan	3,722	3,432	8.4%	596	501	2,684	2,478	93	80	349	372
Ohio	1,057	1,097	-3.7%	18	18	859	895	NM	NM	178	182
Wisconsin	1,641	1,755	-6.5%	657	769	667	711	7	7	310	268
West North Central	27,421	27,663	-0.9%	8,934	8,305	18,153	19,012	66	68	268	278
Iowa	9,242	9,039	2.2%	5,443	4,953	3,779	4,061	15	15	5	10
Kansas	5,329	5,807	-8.2%	440	481	4,889	5,326	0	0	0	0
Minnesota	5,618	5,841	-3.8%	1,211	1,269	4,131	4,285	25	25	252	262
Missouri	590	700	-15.8%	20	20	548	659	18	19	NM	NM
Nebraska	1,661	1,290	28.7%	141	138	1,511	1,144	9	9	0	0
North Dakota	3,426	3,435	-0.2%	1,323	1,088	2,097	2,343	0	0	6	4
South Dakota	1,555	1,552	0.1%	356	358	1,199	1,195	0	0	0	0
South Atlantic	11,042	10,637	3.8%	948	868	4,920	4,496	246	247	4,928	5,025
Delaware	62	62	0.0%	NM	NM	54	54	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,527	2,556	-1.1%	143	140	1,347	1,378	20	16	1,018	1,022
Georgia	2,220	2,079	6.8%	7	0	383	361	14	14	1,816	1,704
Maryland	571	512	11.5%	6	5	487	411	21	21	58	75
North Carolina	1,969	1,694	16.2%	4	4	1,318	1,003	81	80	566	607
South Carolina	999	1,187	-15.9%	215	230	49	52	0	0	735	905
Virginia	1,901	1,760	8.0%	569	484	489	450	108	114	736	712
West Virginia	793	787	0.9%	0	0	793	787	0	0	0	0
East South Central	3,075	3,163	-2.8%	47	49	223	187	NM	NM	2,803	2,925
Alabama	1,562	1,640	-4.8%	0	0	103	102	0	0	1,459	1,538
Kentucky	246	250	-1.4%	47	49	0	0	0	0	199	201
Mississippi	705	735	-4.1%	0	1	6	6	0	0	699	729
Tennessee	562	538	4.5%	0	0	114	80	NM	NM	446	457
West South Central	30,256	31,269	-3.2%	916	1,062	26,687	27,555	39	25	2,615	2,626
Arkansas	775	782	-1.0%	0	0	57	56	NM	3	715	724
Louisiana	1,314	1,300	1.1%	0	0	36	37	0	0	1,278	1,263
Oklahoma	6,695	6,555	2.1%	724	906	5,817	5,491	0	0	154	158
Texas	21,472	22,631	-5.1%	191	156	20,777	21,972	36	23	468	481
Mountain	15,023	16,032	-6.3%	1,576	1,802	13,199	13,990	60	45	188	194
Arizona	2,082	2,009	3.7%	277	200	1,795	1,798	11	11	0	0
Colorado	4,001	4,165	-3.9%	77	107	3,908	4,041	15	15	NM	NM
Idaho	1,513	1,869	-19.0%	73	95	1,255	1,584	0	0	185	190
Montana	993	1,021	-2.8%	112	126	880	895	0	0	0	0
Nevada	2,680	2,152	24.6%	0	0	2,646	2,133	33	18	NM	NM
New Mexico	1,294	1,622	-20.2%	71	51	1,222	1,569	NM	NM	0	0
Utah	583	665	-12.3%	123	137	460	528	0	0	0	0
Wyoming	1,875	2,529	-25.8%	843	1,087	1,033	1,442	0	0	0	0
Pacific Contiguous	30,913	31,485	-1.8%	3,615	4,324	25,546	25,299	546	564	1,206	1,298
California	23,247	21,826	6.5%	1,165	1,407	21,218	19,492	532	551	331	377
Oregon	3,655	4,805	-23.9%	598	777	2,769	3,717	10	11	279	299
Washington	4,011	4,854	-17.4%	1,851	2,140	1,559	2,089	NM	3	596	622
Pacific Noncontiguous	713	721	-1.1%	85	71	449	476	116	113	63	60
Alaska	104	110	-5.4%	54	58	24	27	22	22	NM	3
Hawaii	609	611	-0.3%	32	13	425	450	94	92	59	57
U.S. Total	145,952	147,961	-1.4%	18,050	18,413	112,154	113,340	1,644	1,587	14,104	14,621

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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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	-39	-38	4.4%	0	0	-39	-38	0	0	0	0
Connecticut	0	0	-50.5%	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-39	-38	3.8%	0	0	-39	-38	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	-116	-117	-1.0%	-57	-59	-59	-58	0	0	0	0
New Jersey	-14	-18	-21.3%	-14	-18	0	0	0	0	0	0
New York	-43	-41	4.8%	-43	-41	0	0	0	0	0	0
Pennsylvania	-59	-58	1.1%	0	0	-59	-58	0	0	0	0
East North Central	-32	-95	-66.9%	-32	-95	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	-32	-95	-66.9%	-32	-95	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	104	12	761.0%	104	12	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	104	12	761.0%	104	12	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	-332	-356	-6.8%	-332	-356	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	-90	-76	18.9%	-90	-76	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	18	0	--	18	0	0	0	0	0	0	0
South Carolina	-133	-120	11.0%	-133	-120	0	0	0	0	0	0
Virginia	-127	-160	-21.1%	-127	-160	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-41	-65	-37.3%	-41	-65	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	-41	-65	-37.3%	-41	-65	0	0	0	0	0	0
West South Central	-1	-2	-53.1%	-1	-2	0	0	0	0	0	0
Arkansas	4	10	-61.9%	4	10	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-5	-12	-60.7%	-5	-12	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	-1	-124.7%	0	-1	0	0	0	0	0	0
Arizona	21	18	14.6%	21	18	0	0	0	0	0	0
Colorado	-21	-20	5.6%	-21	-20	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	81	9	802.1%	81	9	0	0	0	0	0	0
California	80	9	750.0%	80	9	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	1	0	-345.5%	1	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-374	-653	-42.7%	-276	-557	-98	-96	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 June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	-229	-220	3.9%	0	0	-229	-220	0	0	0	0
Connecticut	-6	-1	345.6%	0	0	-6	-1	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-223	-219	1.9%	0	0	-223	-219	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	-554	-633	-12.5%	-292	-364	-262	-270	0	0	0	0
New Jersey	-88	-105	-15.6%	-88	-105	0	0	0	0	0	0
New York	-203	-259	-21.4%	-203	-259	0	0	0	0	0	0
Pennsylvania	-262	-270	-2.8%	0	0	-262	-270	0	0	0	0
East North Central	-182	-364	-50.1%	-182	-364	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	-182	-364	-50.1%	-182	-364	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	252	1	NM	252	1	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	252	1	NM	252	1	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	-1,190	-1,160	2.6%	-1,190	-1,160	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	-381	-145	163.6%	-381	-145	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	85	0	--	85	0	0	0	0	0	0	0
South Carolina	-452	-413	9.5%	-452	-413	0	0	0	0	0	0
Virginia	-441	-603	-26.8%	-441	-603	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-205	-194	5.5%	-205	-194	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	-205	-194	5.5%	-205	-194	0	0	0	0	0	0
West South Central	-18	-12	47.9%	-18	-12	0	0	0	0	0	0
Arkansas	6	47	-86.3%	6	47	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-24	-59	-58.8%	-24	-59	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-126	-59	114.0%	-126	-59	0	0	0	0	0	0
Arizona	17	12	46.2%	17	12	0	0	0	0	0	0
Colorado	-142	-70	102.8%	-142	-70	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	11	-180	-106.0%	11	-180	0	0	0	0	0	0
California	-17	-177	-90.6%	-17	-177	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	28	-3	-913.1%	28	-3	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	-2,241	-2,823	-20.6%	-1,750	-2,333	-491	-490	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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	159	167	-4.9%	0	0	141	146	9	11	9	10
Connecticut	47	55	-14.2%	0	0	47	52	0	NM	0	0
Maine	34	38	-11.0%	0	0	16	19	9	9	9	10
Massachusetts	72	69	5.0%	0	0	72	69	0	0	0	0
New Hampshire	5	5	7.5%	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	196	208	-5.8%	0	0	155	170	40	38	0	0
New Jersey	45	47	-2.8%	0	0	33	36	13	11	0	0
New York	75	88	-14.7%	0	0	56	69	19	18	0	0
Pennsylvania	76	74	2.9%	0	0	67	65	9	9	0	0
East North Central	102	106	-3.8%	3	16	12	13	19	20	67	57
Illinois	24	24	2.8%	0	0	0	0	0	0	24	24
Indiana	40	39	1.9%	0	9	0	0	NM	NM	38	28
Michigan	31	37	-16.7%	NM	4	12	13	17	18	1	2
Ohio	0	0	652.4%	0	0	0	0	0	0	0	0
Wisconsin	6	6	8.9%	3	3	0	0	0	0	NM	NM
West North Central	40	38	4.7%	24	21	8	10	NM	NM	NM	5
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	32	32	-0.4%	17	15	8	10	NM	NM	NM	5
Missouri	4	2	75.9%	4	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	362	345	5.0%	0	0	183	184	19	18	161	142
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	250	241	3.8%	0	0	109	107	0	0	141	134
Georgia	14	5	172.7%	0	0	0	0	0	0	14	5
Maryland	32	29	10.3%	0	0	32	29	NM	NM	0	0
North Carolina	20	21	-5.2%	0	0	20	21	0	0	0	0
South Carolina	6	4	66.3%	0	0	NM	NM	0	0	6	3
Virginia	40	46	-11.7%	0	0	22	27	18	18	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	8	7	11.6%	6	5	0	0	0	0	2	2
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	6	5	19.4%	6	5	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	2	2	-6.6%	0	0	0	0	0	0	2	2
West South Central	104	62	66.8%	0	0	NM	NM	0	0	103	62
Arkansas	1	1	-26.6%	0	0	0	0	0	0	1	1
Louisiana	33	29	15.3%	0	0	0	0	0	0	33	29
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	68	31	119.2%	0	0	NM	NM	0	0	68	31
Mountain	42	38	10.4%	NM	NM	26	18	0	0	15	19
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	25	16	54.2%	0	0	25	16	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	12	16	-26.0%	0	0	NM	NM	0	0	11	15
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	77	79	-3.0%	0	0	27	28	0	0	49	51
California	64	67	-5.4%	0	0	18	19	0	0	45	48
Oregon	NM	NM	NM	0	0	NM	NM	0	0	0	0
Washington	10	8	16.1%	0	0	6	6	0	0	4	2
Pacific Noncontiguous	16	20	-18.8%	0	NM	0	1	16	13	0	0
Alaska	0	NM	NM	0	NM	0	0	0	0	0	0
Hawaii	16	14	12.9%	0	0	0	1	16	13	0	0
U.S. Total	1,104	1,069	3.3%	35	49	554	570	105	103	410	347

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

Table 1.16.B. Net Generation from Other Energy Sources

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	920	957	-3.8%	0	0	794	838	55	63	71	56
Connecticut	278	306	-9.2%	0	0	269	292	8	14	0	0
Maine	189	186	1.8%	0	0	71	80	47	49	71	56
Massachusetts	423	434	-2.5%	0	0	423	434	0	0	0	0
New Hampshire	31	31	-0.3%	0	0	31	31	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	1,111	1,140	-2.5%	0	0	886	917	225	223	0	0
New Jersey	241	259	-6.9%	0	0	170	192	72	67	0	0
New York	455	481	-5.5%	0	0	352	376	103	105	0	0
Pennsylvania	415	399	3.9%	0	0	364	349	51	51	0	0
East North Central	560	544	2.9%	40	72	76	78	99	87	345	308
Illinois	131	135	-2.7%	0	0	0	0	0	0	131	135
Indiana	211	186	13.2%	18	46	0	0	9	9	183	130
Michigan	184	194	-5.1%	9	13	76	78	90	77	10	26
Ohio	4	5	-26.6%	0	0	0	0	0	0	4	5
Wisconsin	30	24	25.2%	13	12	0	0	0	0	17	12
West North Central	219	203	7.9%	129	108	51	56	13	12	27	27
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	173	178	-2.4%	83	82	51	56	13	12	27	27
Missouri	29	8	246.1%	29	8	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	17	17	-2.3%	17	17	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,965	1,970	-0.3%	0	0	1,051	1,082	99	104	815	784
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,414	1,397	1.2%	0	0	647	672	0	0	767	725
Georgia	32	39	-17.9%	0	0	8	0	0	0	24	39
Maryland	150	152	-0.9%	0	0	150	152	NM	NM	0	0
North Carolina	113	113	-0.1%	0	0	113	113	0	0	0	0
South Carolina	28	24	15.0%	0	0	NM	NM	0	0	24	21
Virginia	228	245	-7.1%	0	0	129	141	99	104	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	39	12	235.2%	27	6	0	0	0	0	12	6
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	27	6	383.5%	27	6	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	10	4	136.7%	0	0	0	0	0	0	10	4
West South Central	585	375	56.1%	0	0	NM	NM	0	0	582	373
Arkansas	7	7	-5.9%	0	0	0	0	0	0	7	7
Louisiana	226	199	13.6%	0	0	0	0	0	0	226	199
Oklahoma	7	4	45.8%	0	0	0	0	0	0	7	4
Texas	346	164	110.7%	0	0	NM	NM	0	0	342	162
Mountain	199	255	-21.7%	12	12	157	132	0	0	31	110
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	22	24	-10.9%	0	0	NM	6	0	0	18	18
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	150	124	21.6%	0	0	150	124	0	0	0	0
Nevada	12	12	0.9%	12	12	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	15	94	-83.9%	0	0	NM	NM	0	0	13	92
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	477	489	-2.4%	0	0	151	162	0	0	326	327
California	392	400	-2.0%	0	0	99	107	0	0	294	293
Oregon	17	18	-4.4%	0	0	17	18	0	0	0	0
Washington	67	70	-4.1%	0	0	35	36	0	0	33	34
Pacific Noncontiguous	100	111	-10.0%	NM	19	3	3	90	88	0	0
Alaska	NM	19	NM	NM	19	0	0	0	0	0	0
Hawaii	93	91	1.5%	0	0	3	3	90	88	0	0
U.S. Total	6,176	6,055	2.0%	215	217	3,171	3,270	582	577	2,208	1,991

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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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	137	125	9.3%	17	15	116	107	NM	NM	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	74	68	8.9%	0	0	74	68	0	0	0	0
Massachusetts	15	14	8.7%	NM	NM	9	7	NM	NM	NM	0
New Hampshire	26	25	3.1%	0	0	26	25	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	20	17	17.1%	14	11	7	7	0	0	0	0
Middle Atlantic	452	355	27.2%	0	0	451	355	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	219	191	15.0%	0	0	219	190	0	0	NM	NM
Pennsylvania	231	163	41.6%	0	0	231	163	0	0	0	0
East North Central	1,206	1,199	0.6%	114	123	1,089	1,073	NM	NM	NM	NM
Illinois	518	621	-16.5%	NM	NM	517	620	NM	0	0	0
Indiana	272	190	43.0%	0	0	272	190	NM	NM	0	0
Michigan	262	222	18.0%	66	56	196	166	0	0	0	0
Ohio	80	64	24.5%	NM	NM	77	60	0	0	NM	NM
Wisconsin	73	101	-27.6%	46	65	27	36	0	0	NM	0
West North Central	2,983	3,424	-12.9%	870	962	2,111	2,459	NM	NM	0	0
Iowa	913	1,028	-11.2%	526	564	388	464	NM	NM	0	0
Kansas	812	920	-11.7%	63	81	750	839	0	0	0	0
Minnesota	480	586	-18.0%	94	127	385	456	NM	NM	0	0
Missouri	61	79	-22.9%	0	0	61	79	0	0	0	0
Nebraska	187	200	-6.4%	13	14	174	186	0	0	0	0
North Dakota	341	422	-19.1%	134	137	207	285	0	0	0	0
South Dakota	187	188	-0.6%	41	39	146	149	0	0	0	0
South Atlantic	136	75	80.5%	0	0	136	75	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	33	13	150.9%	0	0	33	13	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	103	62	66.3%	0	0	103	62	0	0	0	0
East South Central	2	2	-20.3%	0	0	2	2	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	2	2	-20.3%	0	0	2	2	0	0	0	0
West South Central	4,454	5,155	-13.6%	155	169	4,297	4,982	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	1,110	1,098	1.1%	130	142	980	956	0	0	0	0
Texas	3,344	4,057	-17.6%	25	27	3,317	4,026	NM	NM	0	0
Mountain	1,069	1,566	-31.8%	96	163	971	1,401	NM	NM	NM	NM
Arizona	34	62	-44.3%	0	0	34	62	0	0	0	0
Colorado	430	576	-25.4%	9	16	420	558	NM	NM	NM	NM
Idaho	150	222	-32.5%	9	13	141	209	0	0	0	0
Montana	84	127	-33.5%	8	15	76	112	0	0	0	0
Nevada	18	24	-21.7%	0	0	18	24	0	0	0	0
New Mexico	128	210	-38.9%	0	0	128	209	NM	NM	0	0
Utah	59	73	-19.5%	0	0	59	73	0	0	0	0
Wyoming	165	273	-39.7%	70	119	95	154	0	0	0	0
Pacific Contiguous	2,900	3,710	-21.8%	526	733	2,374	2,976	NM	NM	NM	NM
California	1,639	1,914	-14.4%	107	162	1,531	1,751	NM	NM	NM	NM
Oregon	671	1,013	-33.7%	141	204	531	810	0	0	0	0
Washington	590	782	-24.6%	278	367	312	415	0	0	0	0
Pacific Noncontiguous	59	76	-22.7%	7	NM	52	68	0	0	0	0
Alaska	10	11	-8.3%	7	NM	NM	NM	0	0	0	0
Hawaii	49	65	-25.2%	0	0	49	65	0	0	0	0
U.S. Total	13,398	15,688	-14.6%	1,785	2,174	11,598	13,499	10	11	NM	NM

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

Table 1.17.B. Net Generation from Wind

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	1,201	1,101	9.1%	148	134	1,028	950	22	17	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	653	579	12.8%	0	0	653	579	0	0	0	0
Massachusetts	120	125	-4.1%	32	36	69	72	16	17	NM	0
New Hampshire	239	231	3.4%	0	0	239	231	0	0	0	0
Rhode Island	10	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	179	162	10.5%	116	98	63	64	0	0	0	0
Middle Atlantic	4,101	4,086	0.4%	0	0	4,098	4,084	0	0	NM	NM
New Jersey	8	6	19.1%	0	0	8	6	0	0	0	0
New York	2,185	2,146	1.8%	0	0	2,183	2,143	0	0	NM	NM
Pennsylvania	1,908	1,934	-1.4%	0	0	1,908	1,934	0	0	0	0
East North Central	11,695	11,353	3.0%	1,150	1,110	10,523	10,224	NM	NM	20	18
Illinois	5,410	5,816	-7.0%	NM	6	5,403	5,810	NM	0	0	0
Indiana	2,311	1,872	23.4%	0	0	2,310	1,871	NM	NM	0	0
Michigan	2,488	2,058	20.9%	596	501	1,892	1,557	0	0	0	0
Ohio	638	675	-5.6%	8	8	614	649	0	0	16	18
Wisconsin	849	932	-8.9%	541	595	304	337	0	0	NM	0
West North Central	26,408	26,642	-0.9%	8,680	8,058	17,712	18,566	16	18	0	0
Iowa	9,171	8,961	2.3%	5,431	4,940	3,738	4,019	NM	NM	0	0
Kansas	5,300	5,778	-8.3%	440	481	4,860	5,297	0	0	0	0
Minnesota	4,807	5,018	-4.2%	1,013	1,078	3,780	3,923	14	16	0	0
Missouri	527	644	-18.2%	0	0	527	644	0	0	0	0
Nebraska	1,628	1,257	29.5%	117	113	1,511	1,144	0	0	0	0
North Dakota	3,420	3,431	-0.3%	1,323	1,088	2,097	2,343	0	0	0	0
South Dakota	1,555	1,552	0.1%	356	358	1,199	1,195	0	0	0	0
South Atlantic	1,027	948	8.3%	0	0	1,025	946	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	233	161	44.8%	0	0	233	161	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	792	785	0.9%	0	0	792	785	0	0	0	0
East South Central	24	29	-16.5%	0	0	24	29	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	24	29	-16.5%	0	0	24	29	0	0	0	0
West South Central	26,971	28,001	-3.7%	858	1,062	26,098	26,935	16	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	6,541	6,396	2.3%	724	906	5,817	5,491	0	0	0	0
Texas	20,430	21,604	-5.4%	133	156	20,281	21,445	16	NM	0	0
Mountain	9,479	11,244	-15.7%	1,100	1,407	8,371	9,828	NM	8	NM	NM
Arizona	214	291	-26.6%	0	0	214	291	0	0	0	0
Colorado	3,816	3,982	-4.1%	77	104	3,733	3,870	NM	6	NM	NM
Idaho	1,198	1,549	-22.7%	68	90	1,130	1,460	0	0	0	0
Montana	993	1,021	-2.8%	112	126	880	895	0	0	0	0
Nevada	149	153	-2.4%	0	0	149	153	0	0	0	0
New Mexico	940	1,348	-30.3%	0	0	938	1,346	NM	NM	0	0
Utah	294	371	-20.6%	0	0	294	371	0	0	0	0
Wyoming	1,875	2,529	-25.8%	843	1,087	1,033	1,442	0	0	0	0
Pacific Contiguous	12,603	15,911	-20.8%	2,584	3,365	10,014	12,545	NM	NM	NM	NM
California	6,389	7,735	-17.4%	367	648	6,017	7,085	NM	NM	NM	NM
Oregon	3,049	4,161	-26.7%	565	743	2,485	3,418	0	0	0	0
Washington	3,164	4,015	-21.2%	1,652	1,974	1,512	2,041	0	0	0	0
Pacific Noncontiguous	366	368	-0.5%	54	58	312	310	0	0	0	0
Alaska	78	85	-8.3%	54	58	24	27	0	0	0	0
Hawaii	288	283	1.9%	0	0	288	283	0	0	0	0
U.S. Total	93,876	99,684	-5.8%	14,573	15,195	79,205	84,416	68	50	30	23

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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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	571	630	-9.3%	48	56	416	417	13	16	95	142
Connecticut	67	65	2.9%	0	0	67	62	0	NM	0	0
Maine	232	285	-18.6%	0	0	128	134	9	9	95	142
Massachusetts	96	95	1.1%	0	0	96	95	0	0	0	0
New Hampshire	126	127	-0.6%	30	30	93	94	NM	4	0	0
Rhode Island	20	19	4.9%	0	0	20	19	0	0	0	0
Vermont	31	40	-23.0%	18	26	NM	14	NM	NM	0	0
Middle Atlantic	483	495	-2.3%	0	0	373	378	42	41	69	76
New Jersey	84	86	-1.5%	0	0	71	75	13	11	0	0
New York	203	204	-0.3%	0	0	163	164	19	19	21	20
Pennsylvania	196	205	-4.5%	0	0	138	139	10	10	48	55
East North Central	477	521	-8.5%	57	54	270	313	20	22	131	132
Illinois	47	55	-15.1%	0	0	47	55	0	0	0	0
Indiana	32	32	-1.4%	27	27	0	0	NM	NM	NM	3
Michigan	193	238	-19.1%	0	0	124	155	18	19	50	64
Ohio	64	64	-0.8%	NM	NM	38	38	0	0	25	25
Wisconsin	142	132	8.1%	30	27	61	65	NM	NM	52	40
West North Central	172	186	-7.9%	45	45	72	75	4	9	50	58
Iowa	11	14	-20.7%	NM	NM	7	7	NM	NM	0	3
Kansas	5	5	-1.0%	0	0	5	5	0	0	0	0
Minnesota	145	152	-4.8%	36	35	58	61	NM	NM	50	55
Missouri	5	10	-45.7%	3	3	NM	NM	0	4	NM	NM
Nebraska	6	6	-0.7%	4	4	0	0	NM	NM	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,578	1,587	-0.5%	178	159	519	525	30	32	852	870
Delaware	5	5	-1.3%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	408	402	1.4%	10	8	224	218	NM	NM	172	174
Georgia	379	358	5.9%	0	0	57	57	NM	NM	320	299
Maryland	50	51	-2.8%	0	0	40	37	NM	NM	7	11
North Carolina	200	221	-9.5%	0	0	92	113	5	5	103	103
South Carolina	176	206	-14.7%	37	40	NM	8	0	0	131	158
Virginia	361	343	5.2%	131	112	91	86	20	20	119	126
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	506	527	-4.1%	8	8	29	26	0	0	468	493
Alabama	256	276	-7.5%	0	0	22	18	0	0	234	258
Kentucky	41	36	12.7%	8	8	0	0	0	0	32	28
Mississippi	126	129	-2.7%	0	0	NM	NM	0	0	125	128
Tennessee	84	86	-2.1%	0	0	7	7	0	0	78	79
West South Central	519	570	-8.9%	13	0	61	121	NM	NM	442	446
Arkansas	123	130	-5.5%	0	0	9	9	NM	NM	114	121
Louisiana	230	218	5.7%	0	0	6	6	0	0	224	212
Oklahoma	25	27	-4.7%	0	0	0	0	0	0	25	27
Texas	140	195	-28.1%	13	0	46	106	NM	NM	78	86
Mountain	86	83	3.8%	3	3	51	51	0	0	32	29
Arizona	21	21	3.8%	NM	NM	19	18	0	0	0	0
Colorado	7	7	-1.8%	0	0	7	7	0	0	0	0
Idaho	49	46	5.7%	NM	NM	16	16	0	0	32	29
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	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	6	6	-1.4%	0	0	6	6	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	776	815	-4.8%	35	32	455	479	79	83	207	220
California	567	598	-5.3%	17	16	415	437	77	81	57	64
Oregon	86	90	-5.0%	5	5	31	34	NM	NM	48	49
Washington	123	126	-2.4%	13	10	8	8	0	0	102	107
Pacific Noncontiguous	29	28	2.6%	1	2	0	0	20	17	9	9
Alaska	NM	4	NM	0	0	0	0	NM	3	0	NM
Hawaii	25	24	4.4%	1	2	0	0	16	14	9	9
U.S. Total	5,197	5,442	-4.5%	388	359	2,245	2,385	210	222	2,354	2,474

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

Table 1.18.B. Net Generation from Biomass

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	3,696	3,745	-1.3%	290	312	2,565	2,418	82	89	759	926
Connecticut	386	386	-0.1%	0	0	375	370	11	16	0	0
Maine	1,624	1,732	-6.3%	0	0	814	755	51	52	759	926
Massachusetts	560	578	-3.0%	0	0	560	577	NM	NM	0	0
New Hampshire	795	718	10.8%	154	168	622	530	19	20	0	0
Rhode Island	112	102	10.3%	0	0	112	102	0	0	0	0
Vermont	219	230	-4.6%	136	144	82	84	NM	NM	0	0
Middle Atlantic	2,794	2,836	-1.5%	0	0	2,145	2,156	245	243	404	437
New Jersey	468	489	-4.3%	0	0	390	417	78	72	0	0
New York	1,143	1,180	-3.2%	0	0	922	938	109	112	112	130
Pennsylvania	1,183	1,167	1.4%	0	0	833	802	59	59	291	307
East North Central	2,886	3,098	-6.8%	273	335	1,667	1,839	110	97	837	826
Illinois	298	321	-7.3%	0	0	298	321	0	NM	0	0
Indiana	183	188	-2.6%	152	157	0	0	9	10	21	21
Michigan	1,234	1,375	-10.2%	0	0	792	922	93	80	349	372
Ohio	380	390	-2.7%	5	4	215	222	0	0	160	164
Wisconsin	791	823	-3.9%	116	174	362	374	7	7	306	268
West North Central	999	1,015	-1.6%	253	247	428	441	50	49	268	278
Iowa	72	78	-7.7%	12	13	41	42	13	13	5	10
Kansas	28	29	-2.8%	0	0	28	29	0	0	0	0
Minnesota	809	821	-1.4%	198	190	349	359	10	9	252	262
Missouri	52	52	0.1%	20	20	10	11	18	19	NM	NM
Nebraska	32	33	-1.6%	24	24	0	0	9	9	0	0
North Dakota	6	4	71.3%	0	0	0	0	0	0	6	4
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	8,846	8,987	-1.6%	835	763	2,897	3,010	185	189	4,928	5,025
Delaware	28	29	-3.1%	0	0	28	29	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,400	2,438	-1.6%	51	49	1,312	1,351	18	15	1,018	1,022
Georgia	2,144	2,012	6.6%	0	0	316	296	12	12	1,816	1,704
Maryland	274	293	-6.6%	0	0	198	201	17	17	58	75
North Carolina	1,102	1,271	-13.3%	0	0	507	633	30	31	566	607
South Carolina	995	1,184	-15.9%	215	230	46	49	0	0	735	905
Virginia	1,901	1,760	8.0%	569	484	489	450	108	114	736	712
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	2,997	3,120	-4.0%	47	49	146	146	0	0	2,803	2,925
Alabama	1,562	1,640	-4.8%	0	0	103	102	0	0	1,459	1,538
Kentucky	246	250	-1.4%	47	49	0	0	0	0	199	201
Mississippi	705	735	-4.1%	0	1	6	6	0	0	699	729
Tennessee	484	495	-2.3%	0	0	37	38	0	0	446	457
West South Central	3,098	3,129	-1.0%	58	0	404	483	21	20	2,615	2,626
Arkansas	775	782	-1.0%	0	0	57	56	NM	3	715	724
Louisiana	1,314	1,300	1.1%	0	0	36	37	0	0	1,278	1,263
Oklahoma	154	158	-2.9%	0	0	0	0	0	0	154	158
Texas	855	888	-3.7%	58	0	311	390	19	18	468	481
Mountain	500	509	-1.8%	18	21	297	298	0	0	185	190
Arizona	117	114	2.5%	12	13	104	101	0	0	0	0
Colorado	41	44	-6.3%	0	3	41	41	0	0	0	0
Idaho	288	296	-2.6%	5	5	97	100	0	0	185	190
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	12	12	-3.1%	0	0	12	12	0	0	0	0
New Mexico	9	9	-1.0%	0	0	9	9	0	0	0	0
Utah	34	35	-2.8%	0	0	34	35	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	4,652	4,751	-2.1%	332	292	2,634	2,652	486	513	1,200	1,294
California	3,303	3,381	-2.3%	104	96	2,403	2,413	472	499	325	373
Oregon	502	531	-5.4%	29	30	184	191	10	11	279	299
Washington	846	839	0.9%	199	166	47	48	NM	3	596	622
Pacific Noncontiguous	195	187	4.7%	16	13	0	0	116	113	63	60
Alaska	26	25	4.1%	0	0	0	0	22	22	NM	3
Hawaii	169	162	4.7%	16	13	0	0	94	92	59	57
U.S. Total	30,663	31,378	-2.3%	2,123	2,033	13,183	13,443	1,297	1,314	14,061	14,588

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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, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 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	305	280	8.6%	22	21	283	260	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	NM	4	NM	0	0	NM	4	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	260	236	10.3%	0	0	260	236	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	39	39	-1.3%	22	21	17	18	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,050	1,056	-0.5%	71	71	980	984	0	0	0	0
California	1,041	1,043	-0.2%	71	71	970	972	0	0	0	0
Oregon	10	12	-22.7%	0	0	10	12	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	17	24	-26.7%	0	0	17	24	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	17	24	-26.7%	0	0	17	24	0	0	0	0
U.S. Total	1,373	1,360	0.9%	93	92	1,280	1,268	0	0	0	0

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

Table 1.19.B. Net Generation from Geothermal

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 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	1,971	1,804	9.3%	123	137	1,848	1,667	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	27	24	14.5%	0	0	27	24	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	1,683	1,512	11.3%	0	0	1,683	1,512	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	251	258	-2.8%	123	137	128	121	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	6,299	6,279	0.3%	407	420	5,892	5,859	0	0	0	0
California	6,211	6,182	0.5%	407	420	5,805	5,762	0	0	0	0
Oregon	87	97	-9.8%	0	0	87	97	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	117	147	-20.7%	0	0	117	147	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	117	147	-20.7%	0	0	117	147	0	0	0	0
U.S. Total	8,387	8,230	1.9%	530	557	7,857	7,673	0	0	0	0

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	87	57	52.0%	NM	NM	85	55	NM	0	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	76	51	47.7%	NM	NM	73	49	NM	0	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	7	NM	NM	0	0	7	NM	0	0	0	0
Middle Atlantic	108	103	4.6%	10	7	76	77	21	17	NM	NM
New Jersey	90	83	7.4%	10	7	60	59	20	17	NM	NM
New York	9	9	4.9%	0	0	9	9	NM	0	0	0
Pennsylvania	9	11	-17.4%	0	0	7	9	NM	NM	NM	NM
East North Central	38	33	12.5%	NM	NM	35	32	NM	NM	NM	0
Illinois	7	8	-13.3%	NM	0	7	8	0	0	0	0
Indiana	23	18	26.1%	NM	0	22	18	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	8	8	2.2%	NM	NM	6	6	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	252	162	55.9%	27	20	214	130	12	13	0	0
Delaware	7	7	-1.5%	NM	NM	6	6	NM	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	29	24	23.6%	22	16	NM	7	NM	NM	0	0
Georgia	15	14	11.4%	NM	0	14	13	NM	NM	0	0
Maryland	14	13	3.2%	NM	NM	12	11	NM	NM	0	0
North Carolina	186	103	80.5%	NM	NM	175	91	10	11	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	11	NM	NM	0	0	10	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	11	NM	NM	0	0	10	NM	NM	NM	0	0
West South Central	44	29	48.6%	0	0	43	29	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	44	29	48.6%	0	0	43	29	NM	NM	0	0
Mountain	648	544	19.1%	69	52	565	484	14	9	NM	NM
Arizona	370	338	9.4%	54	40	313	295	NM	NM	0	0
Colorado	30	30	0.8%	0	0	28	28	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	178	110	62.0%	0	0	167	105	10	4	NM	NM
New Mexico	70	67	5.3%	15	12	55	55	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	1,567	1,096	43.0%	63	55	1,489	1,029	15	12	NM	NM
California	1,563	1,092	43.1%	62	54	1,486	1,027	15	12	NM	NM
Oregon	NM	3	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	6.5%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	7	5	47.0%	NM	0	NM	5	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	7	5	47.0%	NM	0	NM	5	0	0	0	0
U.S. Total	2,765	2,036	35.8%	174	137	2,525	1,846	64	51	NM	NM

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

Table 1.20.B. Net Generation from Solar

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	413	212	95.3%	9	6	401	205	NM	NM	0	0
Connecticut	12	6	102.4%	0	0	12	6	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	357	183	94.7%	9	6	345	177	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	9	8	3.5%	0	0	9	8	0	0	0	0
Vermont	35	14	156.1%	0	0	35	14	0	0	0	0
Middle Atlantic	537	427	25.8%	49	27	379	321	102	72	6	6
New Jersey	443	345	28.5%	49	27	295	244	97	72	NM	NM
New York	48	40	20.9%	0	0	46	40	NM	0	0	0
Pennsylvania	46	43	8.1%	0	0	38	37	NM	NM	6	5
East North Central	185	133	39.0%	10	5	172	126	NM	NM	NM	0
Illinois	33	32	2.3%	NM	0	32	32	0	0	0	0
Indiana	112	70	60.9%	NM	0	109	70	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	39	31	24.6%	5	5	30	24	NM	NM	NM	0
Wisconsin	NM	0	--	0	0	NM	0	0	0	0	0
West North Central	14	6	125.7%	0	0	14	6	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	10	NM	NM	0	0	10	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	1,169	702	66.6%	113	105	998	541	58	56	0	0
Delaware	32	31	3.6%	NM	NM	26	26	NM	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	127	118	7.6%	91	91	35	27	NM	NM	0	0
Georgia	76	68	12.5%	7	0	67	66	NM	NM	0	0
Maryland	64	58	10.3%	6	5	55	49	NM	NM	0	0
North Carolina	867	424	104.5%	4	4	811	370	51	50	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	54	14	297.0%	0	0	52	12	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	54	14	297.0%	0	0	52	12	NM	NM	0	0
West South Central	187	139	34.6%	0	0	185	137	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	187	139	34.6%	0	0	185	137	NM	NM	0	0
Mountain	3,072	2,475	24.1%	335	238	2,683	2,198	53	38	NM	NM
Arizona	1,752	1,604	9.2%	264	187	1,477	1,406	11	11	0	0
Colorado	144	139	3.2%	0	0	134	130	10	9	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	836	474	76.2%	0	0	802	455	33	18	NM	NM
New Mexico	337	256	31.6%	71	51	266	205	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	7,360	4,544	62.0%	293	247	7,006	4,243	58	51	NM	NM
California	7,343	4,528	62.2%	289	243	6,993	4,231	58	51	NM	NM
Oregon	16	16	5.1%	4	4	13	12	0	0	0	0
Washington	0	0	4.9%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	35	19	81.7%	15	0	20	19	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	35	19	81.7%	15	0	20	19	0	0	0	0
U.S. Total	13,026	8,670	50.2%	824	628	11,910	7,809	280	223	12	11

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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 2.1.A. Coal: Consumption for Electricity Generation, by Sector, 2005-June 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
April	48,704	37,578	10,798	16	312
May	57,309	43,920	13,027	16	346
June	69,299	52,034	16,859	16	391
Year to Date					
2013	413,196	306,631	103,977	272	2,316
2014	428,744	318,152	107,939	146	2,506
2015	372,457	280,250	89,905	126	2,176
Rolling 12 Months Ending in June					
2014	876,277	649,848	221,182	387	4,860
2015	798,129	598,271	194,964	248	4,646

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-June 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
April	1,305	0	121	71	1,113
May	1,318	0	139	68	1,111
June	1,245	0	152	48	1,045
Year to Date					
2013	9,207	0	1,208	453	7,546
2014	9,465	0	1,223	574	7,667
2015	8,359	0	923	473	6,963
Rolling 12 Months Ending in June					
2014	18,608	0	2,431	965	15,212
2015	17,112	0	1,957	953	14,203

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-June 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
April	50,009	37,578	10,919	87	1,426
May	58,627	43,920	13,166	84	1,457
June	70,544	52,034	17,011	64	1,435
Year to Date					
2013	422,402	306,631	105,185	725	9,862
2014	438,209	318,152	109,163	721	10,173
2015	380,816	280,250	90,828	598	9,139
Rolling 12 Months Ending in June					
2014	894,885	649,848	223,613	1,352	20,071
2015	815,241	598,271	196,921	1,201	18,849

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-June 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
April	1,555	1,273	215	19	48
May	1,747	1,301	369	23	55
June	1,782	1,430	265	23	65
Year to Date					
2013	11,664	8,497	2,688	169	310
2014	22,019	12,338	8,863	445	373
2015	19,161	11,117	7,248	386	410
Rolling 12 Months Ending in June					
2014	33,586	20,667	11,669	604	NM
2015	29,226	18,977	9,066	505	677

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.
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-June 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
April	250	0	84	21	145
May	277	0	87	31	159
June	255	0	84	31	140
Year to Date					
2013	1,742	0	498	287	957
2014	2,831	0	669	713	1,449
2015	2,669	0	650	613	1,407
Rolling 12 Months Ending in June					
2014	4,545	0	1,221	924	NM
2015	4,127	0	1,177	768	2,181

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-June 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
April	1,804	1,273	299	40	193
May	2,024	1,301	455	54	214
June	2,037	1,430	349	54	205
Year to Date					
2013	13,406	8,497	3,186	456	1,267
2014	24,850	12,338	9,532	1,158	1,821
2015	21,830	11,117	7,897	999	1,817
Rolling 12 Months Ending in June					
2014	38,131	20,667	12,890	1,528	NM
2015	33,353	18,977	10,244	1,274	2,859

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-June 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
April	297	211	59	0	27
May	343	261	59	0	23
June	307	235	55	0	18
Year to Date					
2013	2,351	1,635	361	1	354
2014	2,329	1,796	318	1	214
2015	2,017	1,519	347	1	150
Rolling 12 Months Ending in June					
2014	4,830	3,570	737	2	522
2015	4,013	3,079	627	2	305

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

Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output, by Sector, 2005-June 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
April	103	0	10	1	92
May	103	0	10	0	93
June	84	0	9	0	76
Year to Date					
2013	743	0	47	5	692
2014	589	0	40	7	542
2015	664	0	55	8	601
Rolling 12 Months Ending in June					
2014	1,332	0	90	13	1,229
2015	1,570	0	104	17	1,449

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-June 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
April	400	211	68	2	119
May	446	261	69	0	116
June	392	235	64	0	93
Year to Date					
2013	3,094	1,635	408	5	1,046
2014	2,919	1,796	359	8	756
2015	2,681	1,519	402	9	751
Rolling 12 Months Ending in June					
2014	6,162	3,570	826	15	1,751
2015	5,583	3,079	731	19	1,754

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

Table 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector, 2005-June 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
April	691,236	318,449	323,944	4,598	44,245
May	764,989	348,546	361,959	5,603	48,881
June	920,110	429,496	433,664	5,378	51,572
Year to Date					
2013	3,916,931	1,809,501	1,764,997	31,255	311,178
2014	3,865,700	1,719,365	1,814,742	30,918	300,675
2015	4,535,525	2,066,672	2,145,876	30,948	292,028
Rolling 12 Months Ending in June					
2014	8,545,068	3,880,311	3,966,877	66,232	631,649
2015	9,172,788	4,071,144	4,437,957	63,828	599,859

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 2.4.B. Natural Gas: Consumption for Useful Thermal Output, by Sector, 2005-June 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
April	75,604	0	26,206	4,112	45,286
May	74,244	0	25,618	4,146	44,480
June	73,210	0	25,733	4,113	43,364
Year to Date					
2013	426,819	0	146,272	23,531	257,017
2014	436,500	0	158,809	23,971	253,720
2015	456,805	0	160,180	26,494	270,131
Rolling 12 Months Ending in June					
2014	892,066	0	315,714	51,497	524,854
2015	897,412	0	319,823	50,527	527,063

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.
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-June 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
April	766,840	318,449	350,150	8,711	89,531
May	839,233	348,546	387,577	9,750	93,361
June	993,320	429,496	459,397	9,491	94,936
Year to Date					
2013	4,343,750	1,809,501	1,911,269	54,786	568,195
2014	4,302,200	1,719,365	1,973,551	54,889	554,395
2015	4,992,330	2,066,672	2,306,056	57,443	562,159
Rolling 12 Months Ending in June					
2014	9,437,134	3,880,311	4,282,591	117,729	1,156,503
2015	10,070,201	4,071,144	4,757,780	114,355	1,126,922

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.
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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-June 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
April	25,248	2,688	20,046	2,127	387
May	26,513	2,696	21,244	2,165	408
June	24,773	2,782	19,926	1,754	311
Year to Date					
2013	133,159	13,178	104,118	13,668	2,195
2014	156,057	16,522	122,781	14,219	2,535
2015	152,748	16,093	120,337	13,799	2,519
Rolling 12 Months Ending in June					
2014	294,866	30,603	230,605	28,695	4,963
2015	310,261	32,882	245,043	27,256	5,080

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-June 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
April	82	0	49	33	0
May	82	0	45	37	0
June	41	0	19	22	0
Year to Date					
2013	427	0	156	201	71
2014	830	0	458	280	92
2015	1,147	0	651	350	146
Rolling 12 Months Ending in June					
2014	1,234	0	563	502	168
2015	2,120	0	1,209	666	245

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.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-June 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
April	25,330	2,688	20,095	2,160	387
May	26,595	2,696	21,289	2,202	408
June	24,813	2,782	19,945	1,776	311
Year to Date					
2013	133,586	13,178	104,275	13,868	2,265
2014	156,887	16,522	123,239	14,499	2,627
2015	153,895	16,093	120,989	14,149	2,665
Rolling 12 Months Ending in June					
2014	296,099	30,603	231,168	29,197	5,131
2015	312,381	32,882	246,252	27,922	5,325

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.
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Table 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation, by Sector, 2005-June 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
April	1,243	41	1,021	181	0
May	1,299	45	1,077	176	1
June	1,320	44	1,103	173	0
Year to Date					
2013	8,292	219	6,871	1,198	4
2014	7,732	217	6,431	1,080	3
2015	7,506	212	6,214	1,076	4
Rolling 12 Months Ending in June					
2014	16,446	454	13,617	2,368	8
2015	15,529	440	12,852	2,229	9

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output, by Sector, 2005-June 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
April	154	0	51	90	12
May	152	0	45	94	12
June	147	0	43	91	13
Year to Date					
2013	950	0	249	608	93
2014	892	0	301	518	72
2015	918	0	310	537	71
Rolling 12 Months Ending in June					
2014	1,806	0	569	1,070	166
2015	1,845	0	602	1,096	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.
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 2.6.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-June 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
April	1,397	41	1,072	271	13
May	1,450	45	1,122	270	13
June	1,467	44	1,146	264	13
Year to Date					
2013	9,242	219	7,120	1,806	97
2014	8,623	217	6,732	1,599	76
2015	8,424	212	6,523	1,613	75
Rolling 12 Months Ending in June					
2014	18,252	454	14,186	3,438	174
2015	17,374	440	13,454	3,326	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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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, June 2015 and June 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	4	23	-83.0%	3	0	1	22	0	0	1	1
Connecticut	0	3	-100.0%	0	0	0	3	0	0	0	0
Maine	1	1	34.0%	0	0	1	0	0	0	0	0
Massachusetts	NM	20	NM	0	0	0	19	0	0	NM	0
New Hampshire	3	0	NM	3	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,712	3,642	-26.0%	NM	NM	2,692	3,617	NM	1	19	23
New Jersey	44	92	-52.0%	0	0	44	92	0	0	0	0
New York	65	196	-67.0%	NM	NM	60	190	0	0	5	5
Pennsylvania	2,603	3,354	-22.0%	0	0	2,588	3,335	NM	1	15	18
East North Central	14,497	16,472	-12.0%	10,204	11,852	4,206	4,515	5	5	81	98
Illinois	4,006	4,256	-5.9%	486	475	3,471	3,724	NM	1	48	55
Indiana	3,554	4,401	-19.0%	3,310	4,191	242	208	3	2	NM	NM
Michigan	2,518	2,566	-1.9%	2,482	2,527	23	20	2	2	13	17
Ohio	2,496	3,213	-22.0%	2,021	2,641	471	564	NM	NM	4	8
Wisconsin	1,922	2,035	-5.5%	1,906	2,018	0	0	NM	NM	16	17
West North Central	11,376	11,882	-4.3%	11,229	11,722	1	1	5	5	141	154
Iowa	1,688	1,763	-4.2%	1,613	1,682	0	0	3	4	72	76
Kansas	1,535	1,645	-6.7%	1,535	1,645	0	0	0	0	0	0
Minnesota	1,399	1,401	-0.1%	1,368	1,365	0	0	0	0	30	36
Missouri	3,583	3,957	-9.5%	3,578	3,951	1	1	2	1	1	3
Nebraska	1,331	1,357	-1.9%	1,300	1,327	0	0	0	0	31	31
North Dakota	1,839	1,593	15.0%	1,833	1,585	0	0	0	0	6	8
South Dakota	0	167	-100.0%	0	167	0	0	0	0	0	0
South Atlantic	10,720	11,846	-9.5%	9,084	10,105	1,592	1,690	2	1	40	50
Delaware	18	25	-29.0%	0	0	18	25	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,918	2,092	-8.3%	1,840	2,011	76	78	0	0	NM	3
Georgia	2,124	2,493	-15.0%	2,121	2,485	0	0	0	0	3	8
Maryland	666	610	9.3%	0	0	664	606	NM	NM	2	3
North Carolina	1,890	1,954	-3.3%	1,833	1,888	52	62	1	0	NM	5
South Carolina	973	1,132	-14.0%	968	1,126	0	0	0	0	5	5
Virginia	712	834	-15.0%	659	777	47	49	NM	NM	6	8
West Virginia	2,419	2,706	-11.0%	1,663	1,819	737	870	0	0	19	18
East South Central	7,377	8,107	-9.0%	7,093	7,775	264	311	0	NM	19	20
Alabama	2,224	2,274	-2.2%	2,222	2,271	0	0	0	0	2	3
Kentucky	3,054	3,298	-7.4%	3,054	3,298	0	0	0	0	0	0
Mississippi	458	785	-42.0%	194	474	264	311	0	0	0	0
Tennessee	1,641	1,751	-6.3%	1,623	1,733	0	0	0	NM	17	17
West South Central	12,997	13,564	-4.2%	6,277	7,255	6,705	6,290	0	0	16	18
Arkansas	1,346	1,713	-21.0%	1,105	1,712	239	0	0	0	1	1
Louisiana	1,078	1,153	-6.5%	649	557	429	597	0	0	0	0
Oklahoma	1,555	1,806	-14.0%	1,429	1,673	111	116	0	0	14	18
Texas	9,018	8,891	1.4%	3,093	3,313	5,925	5,578	0	0	0	0
Mountain	8,980	8,625	4.1%	7,962	7,852	954	712	0	0	65	61
Arizona	1,839	1,975	-6.9%	1,839	1,975	0	0	0	0	0	0
Colorado	1,570	1,433	9.5%	1,567	1,430	NM	3	0	0	NM	NM
Idaho	2	2	-2.7%	0	0	0	0	0	0	2	2
Montana	863	601	44.0%	NM	NM	840	579	0	0	NM	NM
Nevada	134	339	-60.0%	86	273	49	67	0	0	0	0
New Mexico	1,060	950	12.0%	1,060	950	0	0	0	0	0	0
Utah	1,294	1,354	-4.5%	1,222	1,283	29	NM	0	0	43	40
Wyoming	2,219	1,970	13.0%	2,165	1,920	NM	NM	0	0	19	18
Pacific Contiguous	539	227	137.0%	165	60	367	160	0	0	6	6
California	9	42	-78.0%	0	0	NM	37	0	0	6	6
Oregon	165	60	173.0%	165	60	0	0	0	0	0	0
Washington	364	124	194.0%	0	0	364	124	0	0	1	1
Pacific Noncontiguous	97	100	-3.6%	17	16	75	75	3	8	NM	NM
Alaska	41	40	1.0%	17	16	21	17	3	8	0	0
Hawaii	56	60	-6.7%	0	0	54	58	0	0	NM	NM
U.S. Total	69,299	74,488	-7.0%	52,034	56,639	16,859	17,393	16	21	391	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 June 2015 and June 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	1,372	1,821	-25.0%	357	404	1,005	1,408	0	0	9	8
Connecticut	339	386	-12.0%	0	0	339	386	0	0	0	0
Maine	15	13	14.0%	0	0	8	7	0	0	6	6
Massachusetts	661	1,018	-35.0%	0	0	658	1,015	0	0	3	3
New Hampshire	357	404	-12.0%	357	404	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	17,997	22,995	-22.0%	NM	NM	17,854	22,842	11	4	130	144
New Jersey	485	684	-29.0%	0	0	485	684	0	0	0	0
New York	695	1,581	-56.0%	NM	NM	659	1,542	0	0	33	34
Pennsylvania	16,817	20,730	-19.0%	0	0	16,710	20,616	11	4	97	110
East North Central	83,970	96,427	-13.0%	59,544	68,316	23,867	27,459	25	42	534	610
Illinois	22,713	25,643	-11.0%	2,755	2,813	19,652	22,495	8	10	297	326
Indiana	19,974	25,180	-21.0%	18,637	23,889	1,328	1,272	7	16	2	3
Michigan	14,445	14,514	-0.5%	14,212	14,253	127	128	9	15	98	119
Ohio	16,373	20,256	-19.0%	13,579	16,642	2,760	3,565	NM	1	33	48
Wisconsin	10,464	10,834	-3.4%	10,361	10,720	0	0	NM	NM	103	113
West North Central	63,353	67,825	-6.6%	62,491	66,858	8	8	28	38	825	922
Iowa	9,561	9,733	-1.8%	9,127	9,256	0	0	18	24	416	452
Kansas	8,169	9,055	-9.8%	8,169	9,055	0	0	0	0	0	0
Minnesota	7,814	8,290	-5.7%	7,634	8,070	0	0	0	0	180	220
Missouri	19,063	21,732	-12.0%	19,033	21,692	8	8	10	13	12	19
Nebraska	7,135	7,425	-3.9%	6,954	7,239	0	0	0	0	180	186
North Dakota	11,276	10,653	5.8%	11,239	10,608	0	0	0	0	36	45
South Dakota	335	937	-64.0%	335	937	0	0	0	0	0	0
South Atlantic	55,553	66,027	-16.0%	46,484	54,541	8,813	11,166	16	12	240	308
Delaware	193	334	-42.0%	0	0	193	334	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	9,313	11,090	-16.0%	9,113	10,819	185	251	0	0	15	20
Georgia	10,453	12,295	-15.0%	10,428	12,238	0	0	0	0	24	57
Maryland	3,594	4,507	-20.0%	0	0	3,571	4,479	NM	6	18	23
North Carolina	8,524	10,753	-21.0%	8,317	10,404	184	318	9	5	14	26
South Carolina	4,983	6,134	-19.0%	4,953	6,100	0	0	0	0	30	35
Virginia	3,731	4,759	-22.0%	3,436	4,334	258	370	NM	2	35	53
West Virginia	14,762	16,155	-8.6%	10,237	10,645	4,421	5,413	0	0	104	96
East South Central	38,893	44,604	-13.0%	37,167	42,973	1,601	1,477	2	3	123	151
Alabama	10,017	11,985	-16.0%	9,997	11,957	0	0	0	0	20	28
Kentucky	18,374	19,407	-5.3%	18,374	19,407	0	0	0	0	0	0
Mississippi	2,579	3,512	-27.0%	977	2,035	1,601	1,477	0	0	0	0
Tennessee	7,923	9,700	-18.0%	7,818	9,573	0	0	2	3	103	123
West South Central	60,170	74,483	-19.0%	29,893	38,072	30,214	36,318	0	0	63	93
Arkansas	6,337	9,967	-36.0%	5,208	8,826	1,122	1,133	0	0	7	8
Louisiana	5,442	5,680	-4.2%	2,942	1,843	2,499	3,837	0	0	0	0
Oklahoma	7,807	9,512	-18.0%	7,313	8,880	438	546	0	0	56	85
Texas	40,584	49,325	-18.0%	14,429	18,522	26,155	30,802	0	0	0	0
Mountain	49,511	51,515	-3.9%	44,040	46,247	5,265	5,043	0	0	206	225
Arizona	9,529	10,905	-13.0%	9,529	10,905	0	0	0	0	0	0
Colorado	8,753	8,718	0.4%	8,744	8,703	7	13	0	0	NM	2
Idaho	10	10	-5.4%	0	0	0	0	0	0	10	10
Montana	4,816	4,432	8.7%	NM	124	4,683	4,303	0	0	4	5
Nevada	565	1,868	-70.0%	353	1,504	212	364	0	0	0	0
New Mexico	5,644	5,765	-2.1%	5,644	5,765	0	0	0	0	0	0
Utah	7,347	7,120	3.2%	7,108	6,848	156	170	0	0	83	101
Wyoming	12,846	12,698	1.2%	12,532	12,398	207	194	0	0	108	106
Pacific Contiguous	1,089	2,450	-56.0%	179	640	871	1,775	0	0	39	34
California	45	130	-66.0%	0	0	NM	101	0	0	35	29
Oregon	179	640	-72.0%	179	640	0	0	0	0	0	0
Washington	865	1,680	-49.0%	0	0	861	1,675	0	0	5	6
Pacific Noncontiguous	550	598	-8.1%	92	97	408	443	43	47	NM	10
Alaska	238	244	-2.4%	92	97	104	100	43	47	0	0
Hawaii	311	353	-12.0%	0	0	304	343	0	0	NM	10
U.S. Total	372,457	428,744	-13.0%	280,250	318,152	89,905	107,939	126	146	2,176	2,506

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	39	28	41.0%	NM	6	18	14	4	4	13	3
Connecticut	NM	6	NM	NM	1	NM	5	NM	NM	NM	NM
Maine	15	6	159.0%	NM	NM	2	3	NM	NM	13	3
Massachusetts	14	10	34.0%	NM	2	NM	7	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	1	NM	NM	NM	NM	NM	NM
Rhode Island	3	3	6.6%	NM	2	0	0	1	1	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	82	73	13.0%	16	14	53	48	6	4	8	7
New Jersey	NM	3	NM	NM	NM	4	3	NM	NM	NM	NM
New York	36	37	-3.4%	16	14	NM	16	NM	3	5	5
Pennsylvania	42	32	31.0%	NM	NM	39	29	NM	NM	NM	NM
East North Central	111	107	3.4%	89	86	18	18	NM	NM	3	2
Illinois	9	11	-14.0%	NM	5	6	6	NM	NM	0	0
Indiana	37	23	65.0%	35	21	0	0	NM	NM	2	1
Michigan	19	23	-19.0%	18	23	0	0	NM	0	1	1
Ohio	43	47	-8.8%	31	34	12	12	NM	NM	NM	1
Wisconsin	NM	3	NM	NM	3	NM	NM	NM	NM	NM	NM
West North Central	39	51	-24.0%	38	50	NM	0	NM	NM	NM	0
Iowa	8	11	-28.0%	8	11	NM	0	NM	0	NM	NM
Kansas	NM	9	NM	NM	9	0	0	0	0	0	0
Minnesota	4	6	-40.0%	NM	6	NM	NM	NM	NM	NM	0
Missouri	13	14	-13.0%	13	14	NM	NM	NM	NM	0	0
Nebraska	5	6	-17.0%	5	6	0	0	0	0	0	0
North Dakota	6	3	103.0%	5	3	0	0	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
South Atlantic	376	236	59.0%	314	177	44	42	NM	NM	7	7
Delaware	6	3	71.0%	NM	NM	6	3	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	164	93	76.0%	162	91	NM	NM	0	0	NM	NM
Georgia	12	15	-23.0%	9	12	NM	NM	NM	0	3	3
Maryland	41	27	51.0%	NM	3	27	14	NM	NM	NM	NM
North Carolina	32	33	-1.1%	30	25	NM	7	NM	NM	NM	1
South Carolina	19	14	30.0%	NM	12	NM	NM	NM	NM	2	1
Virginia	70	26	166.0%	61	10	8	16	NM	NM	NM	NM
West Virginia	32	24	34.0%	32	24	0	0	0	0	0	0
East South Central	63	63	-0.2%	58	60	NM	NM	NM	NM	NM	3
Alabama	11	16	-34.0%	7	14	NM	NM	0	0	NM	3
Kentucky	17	23	-25.0%	17	23	0	0	0	0	0	0
Mississippi	NM	2	NM	NM	2	0	0	0	0	0	0
Tennessee	32	21	53.0%	32	21	0	0	NM	NM	NM	NM
West South Central	39	29	35.0%	28	8	10	20	NM	NM	NM	NM
Arkansas	5	1	648.0%	4	1	0	0	0	0	1	0
Louisiana	12	6	111.0%	11	2	1	4	0	0	0	0
Oklahoma	NM	NM	NM	2	1	0	0	NM	NM	NM	NM
Texas	20	21	-5.6%	11	5	9	16	NM	NM	NM	NM
Mountain	38	31	20.0%	32	29	5	2	NM	NM	NM	NM
Arizona	8	9	-15.0%	8	9	0	0	NM	NM	0	0
Colorado	NM	2	NM	NM	2	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	5	NM	NM	NM	NM	5	NM	0	0	0	0
Nevada	5	3	76.0%	5	2	1	1	0	0	0	0
New Mexico	11	6	71.0%	11	6	0	NM	0	0	NM	NM
Utah	2	3	-34.0%	2	3	NM	NM	0	0	NM	NM
Wyoming	4	7	-40.0%	4	7	0	0	0	0	NM	NM
Pacific Contiguous	43	16	171.0%	10	8	18	6	NM	NM	14	2
California	34	8	345.0%	6	5	15	NM	NM	NM	13	NM
Oregon	4	3	56.0%	4	3	0	0	NM	NM	0	0
Washington	5	6	-11.0%	NM	NM	3	4	NM	NM	2	1
Pacific Noncontiguous	954	889	7.3%	840	765	98	105	NM	1	14	19
Alaska	105	95	10.0%	98	88	0	0	NM	NM	NM	7
Hawaii	849	794	6.9%	742	677	98	105	1	1	8	12
U.S. Total	1,782	1,522	17.0%	1,430	1,203	265	255	23	19	65	44

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

Table 2.8.B. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, Year-to-Date through June 2015 and June 2014 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	3,140	3,402	-7.7%	297	473	2,682	2,756	105	133	56	40
Connecticut	669	823	-19.0%	NM	NM	656	800	NM	NM	NM	NM
Maine	823	472	75.0%	NM	NM	763	430	NM	NM	53	33
Massachusetts	1,211	1,513	-20.0%	82	226	1,086	1,225	NM	60	NM	NM
New Hampshire	270	435	-38.0%	189	199	67	219	NM	NM	NM	NM
Rhode Island	142	116	23.0%	12	11	110	82	20	22	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	4,048	5,100	-21.0%	1,285	1,513	2,657	3,482	NM	NM	68	64
New Jersey	439	751	-41.0%	NM	NM	435	739	NM	NM	NM	NM
New York	2,756	3,340	-17.0%	1,284	1,511	1,389	1,755	NM	NM	48	38
Pennsylvania	853	1,010	-16.0%	NM	NM	833	988	NM	NM	NM	NM
East North Central	626	917	-32.0%	504	628	103	269	NM	NM	18	18
Illinois	51	91	-43.0%	19	30	32	60	NM	NM	0	0
Indiana	175	159	10.0%	163	150	0	0	NM	NM	11	9
Michigan	120	146	-17.0%	117	140	0	0	1	1	3	4
Ohio	241	455	-47.0%	169	248	69	202	NM	NM	NM	NM
Wisconsin	39	67	-42.0%	36	59	2	7	NM	NM	1	1
West North Central	342	475	-28.0%	327	448	NM	23	NM	NM	1	2
Iowa	45	82	-45.0%	43	81	NM	NM	NM	NM	NM	NM
Kansas	63	62	1.2%	63	62	0	0	0	0	0	0
Minnesota	44	95	-53.0%	32	70	NM	22	NM	NM	1	1
Missouri	102	144	-29.0%	102	144	NM	NM	NM	NM	0	0
Nebraska	27	55	-51.0%	27	55	0	0	0	0	0	0
North Dakota	28	23	23.0%	28	23	0	0	NM	NM	NM	NM
South Dakota	33	14	139.0%	33	14	NM	NM	NM	NM	0	0
South Atlantic	4,047	5,105	-21.0%	2,860	3,334	887	1,447	NM	258	72	66
Delaware	206	242	-15.0%	NM	NM	205	241	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	676	662	2.0%	658	644	NM	NM	0	0	NM	NM
Georgia	220	250	-12.0%	113	167	84	60	NM	NM	21	22
Maryland	525	1,050	-50.0%	NM	NM	275	766	NM	255	NM	NM
North Carolina	616	684	-10.0%	560	621	39	50	NM	NM	16	13
South Carolina	339	444	-24.0%	301	401	NM	NM	NM	NM	18	12
Virginia	1,334	1,604	-17.0%	1,089	1,346	237	249	NM	NM	7	8
West Virginia	133	169	-21.0%	115	127	18	42	0	0	0	0
East South Central	401	530	-24.0%	346	480	27	23	NM	NM	28	27
Alabama	117	153	-23.0%	64	104	27	23	0	0	26	26
Kentucky	116	130	-11.0%	116	130	0	0	0	0	0	0
Mississippi	23	NM	NM	22	NM	0	0	0	0	1	0
Tennessee	145	229	-37.0%	144	228	0	0	NM	NM	NM	NM
West South Central	288	203	42.0%	166	93	113	100	NM	NM	8	NM
Arkansas	58	21	174.0%	43	14	11	5	0	0	5	2
Louisiana	96	48	100.0%	76	NM	19	27	0	0	0	5
Oklahoma	NM	14	NM	5	13	0	0	NM	NM	NM	NM
Texas	128	120	6.9%	42	49	83	68	NM	NM	NM	NM
Mountain	234	247	-5.3%	209	224	25	23	NM	NM	NM	NM
Arizona	53	72	-26.0%	53	72	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	NM	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	21	21	3.9%	NM	NM	18	17	0	0	0	0
Nevada	16	13	24.0%	13	11	NM	1	0	0	0	0
New Mexico	80	70	14.0%	76	66	NM	NM	0	0	NM	NM
Utah	16	25	-36.0%	15	24	NM	NM	0	0	NM	NM
Wyoming	33	31	7.2%	33	31	0	0	0	0	NM	NM
Pacific Contiguous	134	80	67.0%	37	44	57	23	NM	NM	39	11
California	110	47	133.0%	30	28	50	15	NM	NM	29	NM
Oregon	NM	NM	NM	4	9	0	0	NM	NM	0	0
Washington	19	23	-17.0%	NM	NM	7	9	NM	NM	9	7
Pacific Noncontiguous	5,899	5,959	-1.0%	5,087	5,100	685	718	7	5	120	135
Alaska	739	675	9.4%	695	633	0	0	2	2	42	40
Hawaii	5,160	5,283	-2.3%	4,392	4,467	685	718	5	3	78	95
U.S. Total	19,161	22,019	-13.0%	11,117	12,338	7,248	8,863	386	445	410	373

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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, June 2015 and June 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 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	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	138	117	18.0%	95	66	40	44	0	0	3	7
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	56	27	107.0%	56	27	0	0	0	0	0	0
Michigan	39	40	-2.4%	37	35	0	2	0	0	NM	NM
Ohio	40	42	-5.1%	0	0	40	42	0	0	NM	NM
Wisconsin	4	8	-54.0%	2	4	0	0	0	0	2	4
West North Central	NM	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	NM	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	48	66	-27.0%	46	63	0	0	0	0	2	2
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	46	63	-27.0%	46	63	0	0	0	0	0	0
Georgia	2	2	-15.0%	0	0	0	0	0	0	2	2
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	32	20	60.0%	32	20	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	32	20	60.0%	32	20	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	70	196	-65.0%	61	177	0	0	0	0	8	20
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	65	186	-65.0%	61	177	0	0	0	0	4	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	4	10	-57.0%	0	0	0	0	0	0	4	10
Mountain	15	0	--	0	0	15	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	15	0	--	0	0	15	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	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	307	407	-25.0%	235	326	55	46	0	0	18	35

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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 June 2015 and June 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 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	20	24	-16.0%	0	0	0	0	0	0	20	24
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	19	19	-3.5%	0	0	0	0	0	0	19	19
East North Central	610	633	-3.7%	327	353	255	246	0	0	27	34
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	131	156	-16.0%	131	156	0	0	0	0	0	0
Michigan	199	196	1.5%	180	168	7	13	0	0	13	15
Ohio	250	234	6.6%	0	0	249	233	0	0	1	1
Wisconsin	29	46	-36.0%	16	29	0	0	0	0	13	17
West North Central	11	14	-22.0%	0	0	0	0	1	1	10	13
Iowa	11	14	-22.0%	0	0	0	0	1	1	10	13
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	268	458	-42.0%	253	442	0	0	0	0	15	17
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	253	442	-43.0%	253	442	0	0	0	0	0	0
Georgia	15	17	-8.6%	0	0	0	0	0	0	15	17
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	214	174	22.0%	214	174	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	214	174	22.0%	214	174	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	803	953	-16.0%	726	827	0	0	0	0	77	126
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	759	882	-14.0%	726	827	0	0	0	0	33	55
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	44	71	-38.0%	0	0	0	0	0	0	44	71
Mountain	91	68	34.0%	0	0	91	68	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	91	68	34.0%	0	0	91	68	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	2,017	2,329	-13.0%	1,519	1,796	347	318	1	1	150	214

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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, June 2015 and June 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	35,796	34,926	2.5%	415	237	33,838	32,656	652	674	891	1,359
Connecticut	10,000	9,602	4.1%	0	8	9,293	8,833	246	256	461	505
Maine	912	3,775	-76.0%	0	0	573	3,015	NM	NM	312	734
Massachusetts	15,071	13,742	9.7%	414	208	14,224	13,089	326	335	NM	110
New Hampshire	3,644	2,870	27.0%	0	18	3,617	2,825	NM	NM	NM	NM
Rhode Island	6,168	4,934	25.0%	0	0	6,130	4,894	NM	NM	0	0
Vermont	1	3	-67.0%	1	3	0	0	0	0	0	0
Middle Atlantic	101,682	100,790	0.9%	11,669	11,556	88,270	87,523	822	754	921	957
New Jersey	23,924	22,158	8.0%	NM	NM	23,429	21,656	NM	NM	313	326
New York	39,893	42,820	-6.8%	11,612	11,515	27,554	30,641	589	508	137	156
Pennsylvania	37,865	35,812	5.7%	NM	NM	37,287	35,226	NM	NM	471	475
East North Central	55,974	38,143	47.0%	22,716	13,766	31,134	22,757	894	757	1,231	864
Illinois	7,320	4,848	51.0%	NM	523	6,174	3,780	360	318	222	226
Indiana	9,112	5,130	78.0%	7,775	3,263	973	1,557	NM	NM	333	278
Michigan	13,015	8,404	55.0%	3,014	2,387	9,144	5,555	261	181	597	282
Ohio	18,326	15,158	21.0%	6,644	5,256	11,459	9,668	NM	NM	NM	NM
Wisconsin	8,201	4,602	78.0%	4,720	2,337	3,383	2,197	NM	39	NM	30
West North Central	14,666	8,698	69.0%	12,680	7,218	1,424	1,061	343	238	219	181
Iowa	1,881	986	91.0%	1,773	915	NM	NM	NM	23	NM	47
Kansas	2,275	2,118	7.4%	2,176	2,021	0	0	0	0	99	97
Minnesota	4,817	2,609	85.0%	4,157	2,198	425	271	NM	116	NM	26
Missouri	4,330	2,583	68.0%	3,219	1,687	998	790	106	99	NM	NM
Nebraska	655	308	113.0%	655	308	0	0	0	NM	0	0
North Dakota	NM	NM	NM	31	0	0	0	0	0	NM	NM
South Dakota	669	NM	NM	669	NM	0	0	0	0	0	0
South Atlantic	219,919	176,954	24.0%	173,625	140,538	43,567	34,437	427	440	2,300	1,540
Delaware	5,495	4,971	11.0%	NM	NM	4,422	4,524	0	0	1,032	421
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	107,079	96,852	11.0%	99,078	90,392	7,217	5,645	NM	NM	764	797
Georgia	33,785	26,621	27.0%	20,885	18,383	12,635	8,132	0	0	265	106
Maryland	4,750	2,696	76.0%	0	0	4,396	2,333	NM	339	NM	NM
North Carolina	26,530	20,982	26.0%	23,350	14,520	3,118	6,408	6	0	56	55
South Carolina	14,413	8,358	72.0%	12,328	7,150	2,063	1,189	NM	NM	15	12
Virginia	26,184	16,045	63.0%	17,764	10,064	8,277	5,857	NM	NM	139	121
West Virginia	1,622	356	356.0%	179	3	1,439	349	0	0	NM	NM
East South Central	80,030	58,685	36.0%	45,033	31,961	33,752	24,531	NM	NM	1,113	2,062
Alabama	37,392	30,812	21.0%	11,004	9,497	25,665	20,629	0	0	723	686
Kentucky	2,787	1,271	119.0%	1,834	1,022	825	114	0	0	128	135
Mississippi	32,616	21,107	55.0%	25,176	16,162	7,263	3,788	NM	NM	169	1,148
Tennessee	7,234	5,496	32.0%	7,019	5,280	0	0	NM	NM	93	93
West South Central	236,500	207,677	14.0%	78,604	67,781	118,913	103,565	754	703	38,228	35,628
Arkansas	9,501	7,790	22.0%	3,270	2,988	6,085	4,673	NM	NM	144	128
Louisiana	51,000	41,909	22.0%	25,581	21,230	7,948	6,086	NM	NM	17,319	14,442
Oklahoma	22,261	16,904	32.0%	13,732	10,289	8,429	6,558	NM	NM	46	41
Texas	153,739	141,075	9.0%	36,022	33,275	96,451	86,248	547	536	20,719	21,017
Mountain	76,873	59,107	30.0%	47,760	37,721	28,026	20,451	316	308	772	627
Arizona	30,684	22,872	34.0%	13,429	10,890	17,143	11,874	111	108	0	0
Colorado	8,192	7,861	4.2%	5,136	4,582	3,045	3,272	0	0	NM	NM
Idaho	3,458	595	481.0%	2,349	324	1,079	235	0	0	NM	37
Montana	826	NM	NM	723	NM	NM	NM	0	0	0	0
Nevada	21,336	14,233	50.0%	17,604	11,611	3,500	2,446	NM	NM	175	NM
New Mexico	6,238	6,957	-10.0%	3,677	4,731	2,486	2,156	NM	NM	0	0
Utah	5,793	6,027	-3.9%	4,793	5,262	646	NM	NM	NM	282	283
Wyoming	347	218	59.0%	NM	NM	NM	NM	0	0	274	182
Pacific Contiguous	96,374	64,776	49.0%	34,782	22,101	54,740	35,945	1,035	1,093	5,817	5,636
California	76,363	59,987	27.0%	23,544	19,580	46,104	33,756	957	1,047	5,759	5,604
Oregon	10,545	2,387	342.0%	3,160	381	7,281	1,952	NM	NM	33	12
Washington	9,465	2,401	294.0%	8,078	2,140	1,355	237	NM	5	25	20
Pacific Noncontiguous	2,296	2,607	-12.0%	2,213	2,560	0	0	NM	NM	NM	NM
Alaska	2,296	2,607	-12.0%	2,213	2,560	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	920,110	752,363	22.0%	429,496	335,439	433,664	362,926	5,378	5,099	51,572	48,899

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	172,291	154,047	12.0%	1,331	1,127	162,226	142,280	3,736	3,748	4,998	6,893
Connecticut	57,186	48,832	17.0%	8	63	53,118	44,507	1,421	1,446	2,640	2,817
Maine	9,053	15,633	-42.0%	0	0	7,218	12,033	NM	NM	1,679	3,451
Massachusetts	64,248	58,736	9.4%	1,277	939	60,510	55,365	1,846	1,871	616	561
New Hampshire	20,198	12,268	65.0%	31	108	20,012	12,007	NM	NM	NM	NM
Rhode Island	21,589	18,561	16.0%	0	0	21,369	18,368	NM	193	0	0
Vermont	16	16	-5.2%	16	16	0	0	0	0	0	0
Middle Atlantic	523,967	469,938	11.0%	53,411	52,895	460,082	406,989	5,017	4,630	5,458	5,424
New Jersey	121,836	101,938	20.0%	NM	NM	119,040	99,156	NM	749	1,799	1,858
New York	209,327	201,616	3.8%	53,152	52,702	151,763	144,728	3,559	3,301	853	885
Pennsylvania	192,804	166,385	16.0%	NM	NM	189,278	163,105	NM	579	2,806	2,681
East North Central	325,032	225,463	44.0%	129,214	87,662	182,848	127,038	5,610	5,034	7,360	5,729
Illinois	35,965	20,705	74.0%	1,760	1,910	30,449	15,169	2,427	2,416	1,329	1,210
Indiana	64,454	38,726	66.0%	50,507	27,347	11,504	9,430	375	169	2,068	1,780
Michigan	71,478	53,603	33.0%	16,242	14,434	50,489	35,737	1,429	1,196	3,317	2,236
Ohio	106,001	85,307	24.0%	37,115	30,164	67,564	53,912	NM	975	308	256
Wisconsin	47,134	27,122	74.0%	23,591	13,808	22,841	12,790	364	277	338	247
West North Central	59,674	46,865	27.0%	50,740	39,533	5,879	4,846	1,666	1,343	1,389	1,143
Iowa	7,596	4,701	62.0%	6,966	4,168	NM	NM	226	186	404	347
Kansas	8,366	10,657	-21.0%	7,840	10,195	0	0	0	0	526	462
Minnesota	22,692	13,962	63.0%	19,304	10,724	1,970	2,126	1,082	864	336	248
Missouri	16,907	14,504	17.0%	12,598	11,459	3,908	2,720	357	293	NM	NM
Nebraska	1,509	2,002	-25.0%	1,466	1,980	0	0	NM	NM	NM	NM
North Dakota	184	33	455.0%	146	0	0	0	0	0	38	33
South Dakota	2,420	1,006	141.0%	2,420	1,006	0	0	0	0	0	0
South Atlantic	1,073,944	876,573	23.0%	856,708	706,562	201,112	156,606	2,563	2,477	13,561	10,928
Delaware	27,311	20,846	31.0%	NM	NM	20,966	17,577	0	0	6,169	3,148
District of Columbia	NM	435	NM	0	0	0	0	NM	435	0	0
Florida	555,670	501,561	11.0%	517,627	467,171	33,399	29,639	NM	NM	4,544	4,658
Georgia	165,827	122,172	36.0%	110,416	90,702	53,963	30,091	0	0	1,448	1,379
Maryland	17,399	9,980	74.0%	0	0	15,284	7,950	1,966	1,894	NM	136
North Carolina	131,238	94,913	38.0%	103,473	65,776	27,401	28,443	19	2	346	692
South Carolina	56,128	42,432	32.0%	49,722	37,465	6,269	4,797	NM	NM	101	133
Virginia	115,186	81,298	42.0%	74,506	43,546	39,902	36,964	NM	NM	759	772
West Virginia	4,763	2,937	62.0%	789	1,781	3,928	1,146	0	0	NM	NM
East South Central	413,162	312,924	32.0%	230,675	178,112	170,381	121,020	NM	767	11,340	13,024
Alabama	194,720	156,075	25.0%	55,564	53,195	134,979	98,690	0	0	4,177	4,190
Kentucky	21,160	20,652	2.5%	18,098	18,494	2,294	1,393	0	0	768	765
Mississippi	162,164	113,441	43.0%	123,134	84,646	33,108	20,937	NM	NM	5,870	7,806
Tennessee	35,117	22,756	54.0%	33,877	21,777	0	0	NM	715	525	264
West South Central	1,230,089	1,062,306	16.0%	369,508	325,869	644,811	515,771	4,173	3,898	211,597	216,768
Arkansas	56,520	35,821	58.0%	13,911	7,034	41,459	27,918	NM	NM	1,144	864
Louisiana	248,106	229,046	8.3%	119,640	97,911	39,716	39,514	907	920	87,844	90,701
Oklahoma	117,147	101,576	15.0%	77,512	70,332	39,066	30,932	295	49	274	263
Texas	808,316	695,863	16.0%	158,446	150,592	524,570	417,407	2,965	2,924	122,335	124,939
Mountain	292,666	257,563	14.0%	194,589	160,708	92,424	90,417	1,607	1,982	4,045	4,456
Arizona	85,132	74,115	15.0%	40,924	33,411	43,627	40,014	581	690	0	0
Colorado	37,957	41,930	-9.5%	24,178	23,357	13,734	18,467	NM	37	NM	69
Idaho	10,310	6,671	55.0%	6,091	3,268	3,983	3,217	0	0	236	187
Montana	3,693	2,640	40.0%	3,225	2,298	NM	NM	0	0	0	0
Nevada	92,370	67,821	36.0%	76,416	51,998	14,943	14,504	NM	355	704	963
New Mexico	34,640	34,909	-0.8%	20,436	22,347	13,871	12,102	332	453	0	NM
Utah	26,625	27,856	-4.4%	23,135	23,871	NM	1,699	387	447	1,397	1,839
Wyoming	1,940	1,621	20.0%	NM	NM	NM	NM	0	0	1,663	1,391
Pacific Contiguous	429,882	444,687	-3.3%	166,104	151,902	226,113	249,776	5,786	7,019	31,879	35,990
California	354,410	383,909	-7.7%	123,361	116,929	194,145	224,616	5,363	6,660	31,541	35,703
Oregon	44,619	32,647	37.0%	15,727	10,547	28,340	21,643	380	323	171	134
Washington	30,853	28,132	9.7%	27,016	24,426	3,628	3,517	43	36	166	153
Pacific Noncontiguous	14,818	15,335	-3.4%	14,392	14,995	0	0	NM	NM	NM	321
Alaska	14,818	15,335	-3.4%	14,392	14,995	0	0	NM	NM	NM	321
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	4,535,525	3,865,700	17.0%	2,066,672	1,719,365	2,145,876	1,814,742	30,948	30,918	292,028	300,675

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

Table 2.11.A. Consumption of Landfill Gas for Electricity Generation by State, by Sector, June 2015 and June 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	1,121	1,144	-2.0%	0	0	1,044	1,057	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	NM	NM	NM	0	0	NM	NM	0	0	0	0
Massachusetts	372	377	-1.5%	0	0	372	377	0	0	0	0
New Hampshire	172	203	-15.0%	0	0	NM	116	NM	NM	0	0
Rhode Island	383	366	4.6%	0	0	383	366	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,812	5,117	-6.0%	0	0	4,710	4,985	NM	NM	NM	NM
New Jersey	936	958	-2.3%	0	0	936	958	0	0	0	0
New York	1,726	1,752	-1.5%	0	0	1,726	1,752	0	0	0	0
Pennsylvania	2,150	2,408	-11.0%	0	0	2,049	2,275	NM	NM	NM	NM
East North Central	6,392	6,728	-5.0%	797	812	5,590	5,897	NM	NM	2	NM
Illinois	1,391	1,619	-14.0%	0	0	1,391	1,619	0	0	0	0
Indiana	764	789	-3.3%	762	774	0	0	0	0	2	NM
Michigan	2,055	2,083	-1.3%	0	0	2,055	2,083	0	0	0	0
Ohio	1,050	1,068	-1.7%	NM	NM	1,027	1,044	0	0	0	0
Wisconsin	1,133	1,169	-3.1%	NM	NM	1,117	1,152	NM	NM	0	0
West North Central	993	1,018	-2.4%	295	308	699	710	0	0	0	0
Iowa	205	209	-2.0%	0	0	205	209	0	0	0	0
Kansas	172	173	-1.1%	0	0	172	173	0	0	0	0
Minnesota	357	366	-2.4%	NM	NM	280	284	0	0	0	0
Missouri	136	144	-5.5%	NM	NM	NM	NM	0	0	0	0
Nebraska	124	126	-1.0%	124	126	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	3,832	4,028	-4.9%	542	519	2,909	3,007	NM	258	217	244
Delaware	127	130	-2.3%	0	0	127	130	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	681	676	0.8%	191	159	490	517	0	0	0	0
Georgia	313	334	-6.2%	0	0	238	242	NM	NM	NM	NM
Maryland	275	336	-18.0%	0	0	182	187	NM	NM	0	0
North Carolina	765	805	-5.1%	0	0	737	751	NM	NM	0	0
South Carolina	543	569	-4.7%	341	351	NM	NM	0	0	NM	187
Virginia	1,121	1,170	-4.1%	NM	NM	1,097	1,141	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	460	468	-1.6%	246	249	214	218	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	246	249	-1.4%	246	249	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	NM	NM	0	0	0	0
Tennessee	167	170	-1.9%	0	0	167	170	0	0	0	0
West South Central	1,449	1,598	-9.3%	0	0	1,417	1,553	NM	NM	0	0
Arkansas	153	155	-1.2%	0	0	153	155	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	1,296	1,443	-10.0%	0	0	1,264	1,398	NM	NM	0	0
Mountain	534	542	-1.5%	NM	109	427	433	0	0	0	0
Arizona	171	174	-1.5%	NM	NM	NM	NM	0	0	0	0
Colorado	NM	115	NM	0	0	NM	115	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	131	133	-1.4%	0	0	131	133	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,155	5,404	-4.6%	796	790	2,915	2,995	1,444	1,619	0	0
California	4,244	4,472	-5.1%	273	261	2,559	2,629	1,412	1,581	0	0
Oregon	478	494	-3.2%	129	131	317	324	NM	NM	0	0
Washington	433	439	-1.2%	394	398	NM	NM	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	NM	NM	0	0
Alaska	NM	NM	NM	0	0	0	0	NM	NM	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	24,773	26,101	-5.1%	2,782	2,787	19,926	20,855	1,754	2,083	311	376

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	6,640	6,581	0.9%	0	0	6,146	6,049	495	532	0	0
Connecticut	332	340	-2.3%	0	0	332	340	0	0	0	0
Maine	478	488	-2.2%	0	0	478	488	0	0	0	0
Massachusetts	2,165	2,220	-2.5%	0	0	2,165	2,220	0	0	0	0
New Hampshire	1,147	1,213	-5.5%	0	0	652	682	495	532	0	0
Rhode Island	2,191	1,983	10.0%	0	0	2,191	1,983	0	0	0	0
Vermont	328	337	-2.7%	0	0	328	337	0	0	0	0
Middle Atlantic	30,042	30,202	-0.5%	0	0	29,229	29,349	NM	127	684	727
New Jersey	5,512	5,639	-2.3%	0	0	5,512	5,639	0	0	0	0
New York	10,050	10,304	-2.5%	0	0	10,050	10,304	0	0	0	0
Pennsylvania	14,481	14,260	1.5%	0	0	13,667	13,406	NM	127	684	727
East North Central	38,474	39,843	-3.4%	4,669	4,778	33,573	34,847	NM	32	194	185
Illinois	8,916	9,532	-6.5%	0	0	8,916	9,532	0	0	0	0
Indiana	4,635	4,738	-2.2%	4,441	4,553	0	0	0	0	194	185
Michigan	11,942	12,261	-2.6%	0	0	11,942	12,261	0	0	0	0
Ohio	6,133	6,282	-2.4%	143	143	5,989	6,139	0	0	0	0
Wisconsin	6,848	7,030	-2.6%	NM	83	6,725	6,915	NM	32	0	0
West North Central	5,876	5,994	-2.0%	1,803	1,821	4,073	4,173	0	0	0	0
Iowa	1,202	1,227	-2.0%	0	0	1,202	1,227	0	0	0	0
Kansas	991	1,019	-2.7%	0	0	991	1,019	0	0	0	0
Minnesota	2,113	2,156	-2.0%	485	486	1,628	1,669	0	0	0	0
Missouri	851	853	-0.3%	600	596	251	257	0	0	0	0
Nebraska	718	738	-2.8%	718	738	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	23,735	24,221	-2.0%	3,101	3,114	17,170	17,647	1,822	1,837	1,641	1,623
Delaware	741	762	-2.7%	0	0	741	762	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,853	3,971	-3.0%	1,014	988	2,839	2,983	0	0	0	0
Georgia	2,061	2,082	-1.0%	0	0	1,388	1,422	260	255	413	404
Maryland	1,960	2,029	-3.4%	0	0	1,080	1,101	880	928	0	0
North Carolina	4,823	4,914	-1.8%	0	0	4,287	4,401	537	513	0	0
South Carolina	3,442	3,473	-0.9%	2,030	2,068	183	186	0	0	1,229	1,219
Virginia	6,801	6,939	-2.0%	NM	NM	6,599	6,739	NM	141	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	2,686	2,753	-2.4%	1,429	1,466	1,257	1,286	0	0	0	0
Alabama	137	141	-2.4%	0	0	137	141	0	0	0	0
Kentucky	1,429	1,466	-2.5%	1,429	1,466	0	0	0	0	0	0
Mississippi	139	143	-2.4%	0	0	139	143	0	0	0	0
Tennessee	980	1,003	-2.2%	0	0	980	1,003	0	0	0	0
West South Central	9,066	9,493	-4.5%	0	0	8,704	9,137	362	356	0	0
Arkansas	885	908	-2.6%	0	0	885	908	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	8,181	8,585	-4.7%	0	0	7,819	8,229	362	356	0	0
Mountain	3,111	3,190	-2.5%	627	641	2,484	2,548	0	0	0	0
Arizona	997	1,022	-2.5%	490	503	507	519	0	0	0	0
Colorado	658	676	-2.7%	0	0	658	676	0	0	0	0
Idaho	388	396	-1.8%	138	139	251	257	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	309	317	-2.6%	0	0	309	317	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	760	779	-2.6%	0	0	760	779	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	32,559	33,249	-2.1%	4,463	4,701	17,702	17,745	10,393	10,803	0	0
California	27,162	27,725	-2.0%	1,440	1,595	15,602	15,595	10,120	10,535	0	0
Oregon	2,886	2,946	-2.0%	752	770	1,861	1,907	274	269	0	0
Washington	2,510	2,578	-2.6%	2,271	2,336	239	242	0	0	0	0
Pacific Noncontiguous	559	532	5.1%	0	0	0	0	559	532	0	0
Alaska	559	532	5.1%	0	0	0	0	559	532	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	152,748	156,057	-2.1%	16,093	16,522	120,337	122,781	13,799	14,219	2,519	2,535

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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, June 2015 and June 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	290	310	-6.3%	0	0	278	291	13	19	0	0
Connecticut	100	122	-18.0%	0	0	100	117	0	NM	0	0
Maine	21	22	-4.4%	0	0	8	8	13	13	0	0
Massachusetts	158	154	2.8%	0	0	158	154	0	0	0	0
New Hampshire	11	12	-1.0%	0	0	11	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	430	424	1.6%	0	0	348	341	82	83	0	0
New Jersey	116	116	-0.4%	0	0	86	88	30	28	0	0
New York	151	150	0.5%	0	0	121	118	29	31	0	0
Pennsylvania	164	157	4.0%	0	0	141	134	23	23	0	0
East North Central	20	23	-13.0%	3	3	0	0	17	20	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-4.6%	0	0	0	0	1	1	0	0
Michigan	16	19	-16.0%	0	0	0	0	16	19	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	3	5.7%	3	3	0	0	0	0	0	0
West North Central	57	54	5.3%	40	37	15	16	NM	NM	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	57	54	5.3%	40	37	15	16	NM	NM	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	427	423	1.1%	0	0	398	392	30	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	267	260	2.6%	0	0	267	260	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	79	71	11.0%	0	0	79	71	NM	NM	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	81	91	-11.0%	0	0	52	61	30	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	0	0	28.0%	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	28.0%	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	NM	NM	NM	0	0	NM	NM	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	65	65	-0.7%	0	0	65	65	0	0	0	0
California	45	45	-0.4%	0	0	45	45	0	0	0	0
Oregon	7	8	-1.1%	0	0	7	8	0	0	0	0
Washington	12	13	-1.4%	0	0	12	13	0	0	0	0
Pacific Noncontiguous	30	29	4.3%	0	0	0	0	30	29	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	30	29	4.3%	0	0	0	0	30	29	0	0
U.S. Total	1,320	1,328	-0.6%	44	40	1,103	1,105	173	183	0	0

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	1,754	1,857	-5.5%	0	0	1,648	1,740	106	117	0	0
Connecticut	606	683	-11.0%	0	0	584	650	22	33	0	0
Maine	130	132	-1.2%	0	0	46	48	84	84	0	0
Massachusetts	954	975	-2.2%	0	0	954	975	0	0	0	0
New Hampshire	65	67	-3.7%	0	0	65	67	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	2,420	2,402	0.8%	0	0	1,919	1,909	502	493	0	0
New Jersey	616	645	-4.5%	0	0	444	482	172	163	0	0
New York	899	890	1.0%	0	0	701	693	198	197	0	0
Pennsylvania	905	867	4.4%	0	0	773	735	132	133	0	0
East North Central	117	108	7.9%	19	17	0	0	98	91	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	4	5	-4.4%	0	0	0	0	4	5	0	0
Michigan	94	87	8.4%	0	0	0	0	94	87	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	19	17	9.1%	19	17	0	0	0	0	0	0
West North Central	291	299	-2.6%	194	200	87	90	10	9	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	291	299	-2.6%	194	200	87	90	10	9	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	2,388	2,504	-4.6%	0	0	2,212	2,323	176	181	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,527	1,613	-5.3%	0	0	1,527	1,613	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	387	389	-0.6%	0	0	387	389	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	474	501	-5.5%	0	0	298	321	176	180	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	4	3	27.0%	0	0	0	0	0	0	4	3
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	4	3	27.0%	0	0	0	0	0	0	4	3
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	1	1	-3.7%	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	-3.7%	0	0	1	1	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	346	368	-5.8%	0	0	346	368	0	0	0	0
California	233	251	-6.9%	0	0	233	251	0	0	0	0
Oregon	42	44	-3.6%	0	0	42	44	0	0	0	0
Washington	71	73	-3.4%	0	0	71	73	0	0	0	0
Pacific Noncontiguous	183	189	-3.1%	0	0	0	0	183	189	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	183	189	-3.1%	0	0	0	0	183	189	0	0
U.S. Total	7,506	7,732	-2.9%	212	217	6,214	6,431	1,076	1,080	4	3

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

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 2005 - June 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
April	168,192	28,310	912	131,327	19,931	776	36,866	8,380	136
May	174,558	28,758	999	136,288	20,136	856	38,270	8,622	143
June	167,828	28,753	1,031	132,337	20,115	883	35,491	8,638	149

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, June 2015 and 2014

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	June 2015	June 2014	Percentage Change	June 2015	June 2014	Percentage Change	June 2015	June 2014	Percentage Change
New England	1,382	W	W	3,327	2,450	36.0%	0	0	--
Connecticut	W	W	W	1,202	801	50.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	W	W	1,239	1,038	19.0%	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	--	27	34	-23.0%	0	0	--
Middle Atlantic	7,820	5,961	31.0%	4,613	4,115	12.0%	W	W	W
New Jersey	947	884	7.1%	696	574	21.0%	0	0	--
New York	532	645	-18.0%	2,762	2,633	4.9%	0	0	--
Pennsylvania	6,341	4,431	43.0%	1,156	909	27.0%	W	W	W
East North Central	35,089	27,100	29.0%	1,106	1,235	-10.0%	150	152	-1.4%
Illinois	8,407	7,331	15.0%	90	89	0.2%	0	0	--
Indiana	10,651	7,601	40.0%	111	197	-44.0%	0	W	W
Michigan	6,047	4,278	41.0%	325	387	-16.0%	W	W	W
Ohio	5,782	5,139	12.0%	350	330	6.1%	W	W	W
Wisconsin	4,203	2,751	53.0%	230	231	-0.5%	W	W	W
West North Central	26,219	21,196	24.0%	1,024	1,033	-0.8%	0	0	--
Iowa	4,652	5,314	-12.0%	143	157	-8.7%	0	0	--
Kansas	3,960	3,235	22.0%	108	120	-9.9%	0	0	--
Minnesota	4,275	1,925	122.0%	124	139	-11.0%	0	0	--
Missouri	8,548	6,207	38.0%	386	275	40.0%	0	0	--
Nebraska	W	2,656	W	190	231	-18.0%	0	0	--
North Dakota	1,840	W	W	42	42	0.6%	0	0	--
South Dakota	W	W	W	30	68	-56.0%	0	0	--
South Atlantic	30,662	25,208	22.0%	11,194	11,964	-6.4%	W	W	W
Delaware	W	W	W	203	250	-19.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	6,218	W	W	5,566	6,055	-8.1%	113	W	W
Georgia	5,334	5,297	0.7%	864	884	-2.3%	0	0	--
Maryland	1,386	1,119	24.0%	660	691	-4.4%	0	0	--
North Carolina	W	4,070	W	1,139	1,154	-1.3%	0	0	--
South Carolina	5,018	3,581	40.0%	685	619	11.0%	0	0	--
Virginia	1,895	1,647	15.0%	1,946	2,177	-11.0%	0	0	--
West Virginia	3,747	4,998	-25.0%	130	133	-1.9%	W	W	W
East South Central	17,467	14,433	21.0%	2,028	1,917	5.8%	W	W	W
Alabama	4,565	3,864	18.0%	402	272	48.0%	0	0	--
Kentucky	8,228	6,753	22.0%	254	253	0.4%	W	W	W
Mississippi	1,356	786	73.0%	583	583	0.0%	0	0	--
Tennessee	3,318	3,030	9.5%	788	809	-2.6%	0	0	--
West South Central	26,408	19,743	34.0%	1,961	1,971	-0.5%	W	W	W
Arkansas	3,767	2,226	69.0%	W	W	W	0	0	--
Louisiana	3,420	3,136	9.1%	464	492	-5.6%	W	W	W
Oklahoma	4,416	2,481	78.0%	W	W	W	0	0	--
Texas	14,805	11,902	24.0%	1,220	1,186	2.8%	0	0	--
Mountain	20,331	15,658	30.0%	634	891	-29.0%	W	W	W
Arizona	3,924	2,706	45.0%	136	164	-18.0%	0	0	--
Colorado	5,552	3,536	57.0%	224	238	-5.7%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	47	W	W	W	W
Nevada	1,241	790	57.0%	W	179	W	0	0	--
New Mexico	W	W	W	W	W	W	0	0	--
Utah	3,731	3,733	0.0%	W	W	W	0	0	--
Wyoming	3,663	2,950	24.0%	40	37	8.0%	0	0	--
Pacific Contiguous	W	W	W	340	379	-10.0%	0	W	W
California	0	W	W	W	209	W	0	W	W
Oregon	W	W	W	W	W	W	0	0	--
Washington	W	W	W	97	W	W	0	0	--
Pacific Noncontiguous	W	W	W	2,528	2,516	0.5%	0	0	--
Alaska	W	0	W	25	124	-80.0%	0	0	--
Hawaii	W	W	W	2,502	2,392	4.6%	0	0	--
U.S. Total	167,828	132,879	26.0%	28,753	28,470	1.0%	1,031	410	152.0%

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, June 2015 and 2014

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**June 2015**	**June 2014**	**Percentage Change**	**June 2015**	**June 2014**	**June 2015**	**June 2014**
Coal (Thousand Tons)							
New England	1,382	W	W	W	W	W	W
Middle Atlantic	7,820	5,961	31.2%	0	0	7,820	5,961
East North Central	35,089	27,100	29.5%	25,665	19,267	9,424	7,834
West North Central	26,219	21,196	23.7%	26,219	21,196	0	0
South Atlantic	30,662	25,208	21.6%	26,615	21,520	4,047	3,688
East South Central	17,467	14,433	21.0%	17,467	W	0	W
West South Central	26,408	19,743	33.8%	15,926	11,016	10,482	8,727
Mountain	20,331	15,658	29.8%	W	14,468	W	1,190
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	0	0	W	W
U.S. Total	**167,828**	**132,879**	**26.3%**	**132,337**	**103,168**	**35,491**	**29,711**
Petroleum Liquids (Thousand Barrels)							
New England	3,327	2,450	35.8%	652	W	2,675	W
Middle Atlantic	4,613	4,115	12.1%	1,679	1,431	2,934	2,684
East North Central	1,106	1,235	-10.4%	859	1,023	247	212
West North Central	1,024	1,033	-0.8%	1,000	1,007	25	26
South Atlantic	11,194	11,964	-6.4%	9,314	10,005	1,879	1,958
East South Central	2,028	1,917	5.8%	W	W	W	W
West South Central	1,961	1,971	-0.5%	1,445	1,473	516	498
Mountain	634	891	-28.9%	604	822	30	69
Pacific Contiguous	340	379	-10.2%	W	287	W	92
Pacific Noncontiguous	2,528	2,516	0.5%	W	W	W	W
U.S. Total	**28,753**	**28,470**	**1.0%**	**20,115**	**20,707**	**8,638**	**7,763**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	150	152	-1.4%	W	W	W	W
West North Central	0	0	--	0	0	0	0
South Atlantic	W	W	W	113	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	**1,031**	**410**	**151.8%**	**883**	**W**	**149**	**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 - June 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
April	71,204	91,696	5,292	168,192
May	75,089	94,257	5,212	174,558
June	73,943	89,053	4,832	167,828

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 - June 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
April	1,165,784	60,030	2.25	43.68	1.33	120.0	9,163	1,522	13.18	79.56	0.43	84.3
May	1,209,860	61,862	2.26	44.25	1.35	105.5	11,086	1,828	12.56	76.29	0.45	90.3
June	1,182,749	60,873	2.25	43.72	1.37	86.3	9,721	1,606	13.55	82.07	0.49	78.8
Year to Date												
2013	7,740,240	399,296	2.36	45.73	1.31	94.5	57,605	9,485	20.80	126.36	0.48	70.8
2014	7,883,050	403,366	2.36	46.14	1.34	92.1	94,960	15,744	21.68	130.89	0.44	63.4
2015	7,351,976	378,612	2.26	43.90	1.32	99.4	79,201	13,073	12.77	77.45	0.54	59.9
Rolling 12 Months Ending in June												
2014	16,049,619	827,292	2.35	45.54	1.31	92.4	161,318	26,672	21.14	127.92	0.44	69.9
2015	15,764,011	811,442	2.32	45.07	1.32	99.5	155,741	25,684	W	W	0.51	77.0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and 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.
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 - June 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
April	11,059	392	1.99	56.16	5.01	98.0	715,158	691,566	3.10	3.20	90.2	2.59
May	11,883	419	2.05	58.07	5.24	93.9	781,559	755,597	3.14	3.25	90.0	2.64
June	9,380	330	1.89	53.88	5.57	84.2	930,466	898,716	3.11	3.22	90.5	2.65
Year to Date												
2013	62,622	2,204	2.22	63.30	5.37	71.2	3,990,875	3,892,567	4.46	4.57	89.6	3.12
2014	69,678	2,459	2.04	57.77	5.65	84.3	3,953,125	3,848,704	5.85	6.01	89.5	3.58
2015	65,213	2,300	1.97	55.85	5.25	85.8	4,622,744	4,472,091	3.58	3.70	89.6	2.80
Rolling 12 Months Ending in June												
2014	139,529	4,915	W	W	5.55	79.8	8,683,364	8,459,561	4.96	5.08	89.6	W
2015	140,229	4,933	1.93	54.88	5.36	88.4	9,341,293	9,047,270	3.93	4.06	89.8	W

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

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

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2005 - June 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
April	891,906	45,572	2.28	44.61	1.27	121.3	6,628	1,091	13.28	80.65	0.39	85.7
May	927,255	47,094	2.29	45.07	1.26	107.2	7,317	1,192	12.36	75.86	0.46	91.7
June	908,109	46,253	2.26	44.45	1.29	88.9	7,578	1,248	13.69	83.14	0.46	87.3
Year to Date												
2013	5,642,980	287,899	2.39	46.85	1.24	93.9	38,177	6,267	21.04	128.18	0.44	73.8
2014	5,721,978	289,619	2.38	47.01	1.27	91.0	51,864	8,583	21.71	131.22	0.39	69.6
2015	5,587,322	285,408	2.27	44.55	1.26	101.8	49,295	8,090	12.44	75.81	0.48	72.8
Rolling 12 Months Ending in June												
2014	11,674,326	594,492	2.37	46.58	1.25	91.5	91,789	15,130	21.46	130.23	0.40	73.2
2015	11,857,035	603,665	2.35	46.15	1.26	100.9	96,475	15,787	15.12	92.44	0.48	83.2

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

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

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2005 - June 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
April	8,845	313	1.95	55.11	4.92	148.6	318,786	308,799	3.48	3.59	97.0	2.65
May	10,125	357	1.98	56.26	5.21	136.5	347,672	336,511	3.52	3.64	96.6	2.67
June	7,485	262	1.73	49.60	5.62	111.4	421,853	407,777	3.48	3.60	94.9	2.70
Year to Date												
2013	44,757	1,564	2.17	61.97	5.25	95.7	1,804,423	1,764,883	4.57	4.68	97.5	3.00
2014	60,188	2,120	1.99	56.50	5.68	118.0	1,720,404	1,678,884	5.77	5.91	97.7	3.27
2015	54,530	1,919	1.89	53.63	5.23	126.3	2,039,386	1,975,202	3.81	3.94	95.6	2.74
Rolling 12 Months Ending in June												
2014	114,518	4,019	2.02	57.64	5.55	112.6	3,855,389	3,765,241	5.02	5.14	97.0	3.12
2015	118,136	4,148	1.84	52.31	5.34	134.7	4,033,714	3,910,892	4.22	4.35	96.1	2.89

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Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2005 - June 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
April	258,855	13,797	2.11	39.58	1.50	126.4	2,289	389	12.86	75.92	0.46	130.0
May	267,299	14,078	2.14	40.58	1.64	106.9	3,711	627	12.96	77.01	0.41	137.6
June	259,205	13,940	2.17	40.26	1.64	82.0	1,949	327	13.08	78.09	0.48	93.7
Year to Date												
2013	1,960,766	105,090	2.22	41.46	1.53	99.9	17,851	2,963	20.50	123.66	0.46	93.0
2014	2,058,829	109,214	2.28	42.96	1.51	100.1	41,968	6,978	21.72	130.82	0.46	73.2
2015	1,669,091	88,991	2.18	40.84	1.51	98.0	27,235	4,545	13.32	80.02	0.49	57.6
Rolling 12 Months Ending in June												
2014	4,130,494	221,695	2.23	41.69	1.47	99.1	67,549	11,221	20.75	125.05	0.45	87.0
2015	3,706,871	198,958	2.19	40.78	1.49	101.0	55,786	9,327	W	W	0.47	91.0

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

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

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2005 - June 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
April	1,501	54	W	W	4.95	79.5	340,438	328,604	2.69	2.78	93.9	W
May	1,348	48	W	W	5.17	69.2	373,413	360,618	2.77	2.87	93.0	W
June	1,237	44	W	W	5.22	68.8	446,921	431,447	2.71	2.80	93.9	W
Year to Date												
2013	9,018	321	W	W	5.40	78.8	1,814,807	1,766,847	4.47	4.59	92.4	W
2014	6,903	247	W	W	5.36	68.7	1,874,867	1,822,866	6.15	6.33	92.4	W
2015	7,031	251	2.41	67.46	5.02	62.4	2,230,453	2,155,600	3.42	3.54	93.5	W
Rolling 12 Months Ending in June												
2014	14,035	500	W	W	5.37	60.5	4,085,323	3,973,918	5.00	5.14	92.8	W
2015	13,909	492	W	W	5.16	67.3	4,592,204	4,444,730	3.67	3.79	93.4	W

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

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

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2005 - June 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
April	298	13	W	W	2.72	14.8	0	0	--	--	--	0.0
May	102	15	W	W	2.90	17.4	0	0	--	--	--	0.0
June	213	9	W	W	2.30	14.4	0	0	--	--	--	0.0
Year to Date												
2013	2,252	97	W	W	2.94	13.4	0	0	--	--	--	0.0
2014	2,214	96	W	W	2.65	13.3	0	0	--	--	--	0.0
2015	1,308	67	W	W	2.80	11.2	0	0	--	--	--	0.0
Rolling 12 Months Ending in June												
2014	3,470	150	W	W	2.87	11.1	0	0	--	--	--	0.0
2015	2,840	134	W	W	2.79	11.2	0	0	--	--	--	0.0

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Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commerical Sector, 2005 - June 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
April	0	0	--	--	--	0.0	419	412	W	W	4.7	W
May	0	0	--	--	--	0.0	494	488	W	W	5.0	W
June	0	0	--	--	--	0.0	522	513	W	W	5.4	W
Year to Date												
2013	0	0	--	--	--	0.0	2,318	2,299	W	W	4.2	W
2014	0	0	--	--	--	0.0	2,421	2,397	W	W	4.4	W
2015	0	0	--	--	--	0.0	2,737	2,697	W	W	4.7	W
Rolling 12 Months Ending in June												
2014	0	0	--	--	--	0.0	5,600	5,547	W	W	4.7	W
2015	0	0	--	--	--	0.0	6,082	6,012	W	W	5.3	W

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

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

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2005 - June 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
April	14,725	649	W	W	1.67	45.5	247	41	13.17	78.37	1.00	21.5
May	15,203	676	W	W	1.46	46.4	59	10	14.16	86.77	1.50	4.5
June	15,221	670	W	W	1.58	46.7	195	31	12.73	79.17	1.58	15.3
Year to Date												
2013	134,243	6,210	W	W	1.27	63.0	1,578	256	18.13	111.85	1.48	20.2
2014	100,029	4,437	W	W	1.53	43.6	1,127	183	19.11	117.98	1.43	10.0
2015	94,255	4,146	W	W	1.57	45.4	2,671	438	13.65	83.25	1.80	24.1
Rolling 12 Months Ending in June												
2014	241,329	10,955	W	W	1.43	54.6	1,980	321	18.78	115.88	1.37	10.5
2015	197,265	8,684	W	W	1.56	46.1	3,481	570	W	W	1.77	20.0

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

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

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2005 - June 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
April	712	25	W	W	6.18	20.8	55,515	53,751	W	W	60.0	W
May	410	14	W	W	6.14	12.5	59,979	57,979	W	W	62.1	W
June	659	24	W	W	5.64	25.9	61,171	58,979	W	W	62.1	W
Year to Date												
2013	8,847	319	W	W	5.94	30.5	369,328	358,537	W	W	63.1	W
2014	2,587	93	W	W	5.83	12.3	355,432	344,557	W	W	62.2	W
2015	3,651	131	W	W	5.95	17.4	350,167	338,592	W	W	60.2	W
Rolling 12 Months Ending in June												
2014	10,976	396	W	W	5.72	22.6	737,051	714,855	W	W	61.8	W
2015	8,184	293	W	W	5.94	16.7	709,293	685,637	W	W	60.8	W

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Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, June 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	56	299	-81.0%	52	108	3	189	0	0	1	2
Connecticut	0	12	-100.0%	0	0	0	12	0	0	0	0
Maine	4	3	47.0%	0	0	3	1	0	0	1	2
Massachusetts	0	80	-100.0%	0	0	0	80	0	0	0	0
New Hampshire	52	108	-52.0%	52	108	0	0	0	0	0	0
Rhode Island	0	96	-100.0%	0	0	0	96	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,440	3,304	-26.0%	0	0	2,407	3,260	0	0	33	45
New Jersey	69	85	-19.0%	0	0	69	85	0	0	0	0
New York	82	271	-70.0%	0	0	57	239	0	0	25	32
Pennsylvania	2,290	2,948	-22.0%	0	0	2,282	2,935	0	0	8	13
East North Central	13,141	16,096	-18.0%	9,306	10,748	3,622	5,110	7	2	207	237
Illinois	3,466	4,874	-29.0%	446	408	2,887	4,304	0	0	133	162
Indiana	2,780	3,365	-17.0%	2,526	3,137	253	228	0	0	0	0
Michigan	2,954	2,871	2.9%	2,895	2,849	51	13	7	2	0	7
Ohio	2,410	3,263	-26.0%	1,962	2,678	430	565	0	0	18	20
Wisconsin	1,531	1,723	-11.0%	1,476	1,675	0	0	0	0	56	48
West North Central	10,132	9,536	6.2%	10,012	9,420	0	0	2	3	117	113
Iowa	1,812	1,268	43.0%	1,694	1,155	0	0	0	0	117	113
Kansas	1,272	1,349	-5.7%	1,272	1,349	0	0	0	0	0	0
Minnesota	1,321	1,124	18.0%	1,321	1,124	0	0	0	0	0	0
Missouri	2,853	3,072	-7.1%	2,851	3,069	0	0	2	3	0	0
Nebraska	1,019	1,089	-6.4%	1,019	1,089	0	0	0	0	0	0
North Dakota	1,842	1,534	20.0%	1,842	1,534	0	0	0	0	0	0
South Dakota	13	99	-87.0%	13	99	0	0	0	0	0	0
South Atlantic	9,189	10,429	-12.0%	7,626	8,401	1,462	1,902	0	0	101	126
Delaware	0	58	-100.0%	0	0	0	58	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,734	1,681	3.2%	1,634	1,582	101	98	0	0	0	0
Georgia	1,749	2,046	-14.0%	1,738	2,028	0	0	0	0	12	18
Maryland	723	651	11.0%	0	0	700	625	0	0	23	26
North Carolina	1,003	1,502	-33.0%	1,003	1,502	0	0	0	0	0	0
South Carolina	1,025	788	30.0%	1,008	760	0	0	0	0	17	28
Virginia	752	869	-14.0%	664	773	69	71	0	0	19	25
West Virginia	2,203	2,834	-22.0%	1,581	1,756	592	1,050	0	0	31	29
East South Central	6,637	7,749	-14.0%	6,219	7,295	299	350	0	0	118	103
Alabama	1,721	2,272	-24.0%	1,721	2,272	0	0	0	0	0	0
Kentucky	3,399	3,011	13.0%	3,399	3,011	0	0	0	0	0	0
Mississippi	476	701	-32.0%	177	351	299	350	0	0	0	0
Tennessee	1,040	1,766	-41.0%	922	1,662	0	0	0	0	118	103
West South Central	10,353	12,479	-17.0%	5,231	6,271	5,117	6,203	0	0	6	5
Arkansas	1,007	1,553	-35.0%	854	1,436	148	113	0	0	6	5
Louisiana	749	1,091	-31.0%	420	470	329	621	0	0	0	0
Oklahoma	1,388	1,270	9.3%	1,279	1,183	109	87	0	0	0	0
Texas	7,209	8,566	-16.0%	2,678	3,183	4,531	5,383	0	0	0	0
Mountain	8,513	8,102	5.1%	7,641	7,515	827	558	0	0	44	29
Arizona	1,576	1,880	-16.0%	1,576	1,880	0	0	0	0	0	0
Colorado	1,609	1,372	17.0%	1,609	1,372	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	767	481	59.0%	0	0	767	481	0	0	0	0
Nevada	61	281	-78.0%	0	204	61	77	0	0	0	0
New Mexico	1,108	929	19.0%	1,108	929	0	0	0	0	0	0
Utah	1,316	1,248	5.4%	1,272	1,220	0	0	0	0	44	29
Wyoming	2,076	1,911	8.6%	2,076	1,911	0	0	0	0	0	0
Pacific Contiguous	412	507	-19.0%	165	222	204	242	0	0	43	44
California	43	65	-34.0%	0	0	0	22	0	0	43	44
Oregon	165	222	-26.0%	165	222	0	0	0	0	0	0
Washington	204	220	-7.4%	0	0	204	220	0	0	0	0
Pacific Noncontiguous	0	59	-100.0%	0	0	0	59	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	59	-100.0%	0	0	0	59	0	0	0	0
U.S. Total	60,873	68,561	-11.0%	46,253	49,981	13,940	17,873	9	5	670	703

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

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	1,264	1,900	-33.0%	359	404	884	1,476	0	0	22	20
Connecticut	251	394	-36.0%	0	0	251	394	0	0	0	0
Maine	67	59	14.0%	0	0	46	39	0	0	22	20
Massachusetts	587	862	-32.0%	0	0	587	862	0	0	0	0
New Hampshire	359	404	-11.0%	359	404	0	0	0	0	0	0
Rhode Island	0	181	-100.0%	0	0	0	181	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	14,649	19,782	-26.0%	0	0	14,427	19,546	0	0	222	236
New Jersey	510	596	-14.0%	0	0	510	596	0	0	0	0
New York	487	1,898	-74.0%	0	0	333	1,739	0	0	154	159
Pennsylvania	13,652	17,288	-21.0%	0	0	13,584	17,211	0	0	68	77
East North Central	84,455	94,019	-10.0%	55,643	60,188	27,454	32,403	18	45	1,339	1,382
Illinois	27,172	31,002	-12.0%	2,613	2,627	23,600	27,415	0	0	960	960
Indiana	18,417	20,174	-8.7%	17,047	18,806	1,370	1,369	0	0	0	0
Michigan	12,638	12,258	3.1%	12,486	12,077	113	84	18	45	20	52
Ohio	15,327	20,463	-25.0%	12,826	16,783	2,370	3,536	0	0	130	144
Wisconsin	10,900	10,121	7.7%	10,671	9,896	0	0	0	0	229	225
West North Central	67,941	64,153	5.9%	67,263	63,420	0	0	49	51	630	682
Iowa	10,450	8,362	25.0%	9,835	7,698	0	0	0	0	615	663
Kansas	9,136	9,139	0.0%	9,136	9,139	0	0	0	0	0	0
Minnesota	9,139	7,485	22.0%	9,125	7,467	0	0	0	0	14	19
Missouri	20,835	20,206	3.1%	20,786	20,155	0	0	49	51	0	0
Nebraska	6,453	7,189	-10.0%	6,453	7,189	0	0	0	0	0	0
North Dakota	11,541	10,884	6.0%	11,541	10,884	0	0	0	0	0	0
South Dakota	387	888	-56.0%	387	888	0	0	0	0	0	0
South Atlantic	55,358	57,812	-4.2%	45,823	44,675	8,814	12,207	0	0	721	929
Delaware	152	384	-60.0%	0	0	152	384	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	9,995	9,575	4.4%	9,728	9,210	267	365	0	0	0	0
Georgia	9,943	9,677	2.7%	9,822	9,438	0	0	0	0	121	238
Maryland	3,281	4,447	-26.0%	0	0	3,116	4,250	0	0	165	196
North Carolina	7,408	7,464	-0.8%	7,408	7,464	0	0	0	0	0	0
South Carolina	5,917	4,678	26.0%	5,834	4,560	0	0	0	0	83	119
Virginia	3,811	5,283	-28.0%	3,282	4,633	359	467	0	0	170	184
West Virginia	14,852	16,304	-8.9%	9,749	9,370	4,920	6,742	0	0	183	192
East South Central	38,753	42,113	-8.0%	36,225	39,687	1,785	1,648	0	0	743	777
Alabama	10,002	11,215	-11.0%	10,002	11,215	0	0	0	0	0	0
Kentucky	21,348	17,795	20.0%	21,272	17,795	76	0	0	0	0	0
Mississippi	2,405	3,038	-21.0%	697	1,390	1,709	1,648	0	0	0	0
Tennessee	4,997	10,064	-50.0%	4,254	9,287	0	0	0	0	743	777
West South Central	62,625	70,120	-11.0%	33,242	35,250	29,342	34,854	0	0	42	15
Arkansas	7,163	8,723	-18.0%	5,848	7,703	1,274	1,005	0	0	42	15
Louisiana	5,213	4,795	8.7%	2,836	1,881	2,377	2,914	0	0	0	0
Oklahoma	9,139	8,791	4.0%	8,510	8,287	629	504	0	0	0	0
Texas	41,110	47,811	-14.0%	16,048	17,380	25,062	30,431	0	0	0	0
Mountain	50,842	49,099	3.5%	46,319	44,912	4,419	4,053	0	0	104	134
Arizona	10,749	10,906	-1.4%	10,749	10,906	0	0	0	0	0	0
Colorado	9,560	8,426	13.0%	9,560	8,426	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	4,192	3,702	13.0%	0	0	4,192	3,702	0	0	0	0
Nevada	565	2,008	-72.0%	338	1,657	227	351	0	0	0	0
New Mexico	5,940	5,718	3.9%	5,940	5,718	0	0	0	0	0	0
Utah	7,658	6,415	19.0%	7,554	6,281	0	0	0	0	104	134
Wyoming	12,178	11,924	2.1%	12,178	11,924	0	0	0	0	0	0
Pacific Contiguous	2,429	4,008	-39.0%	534	1,081	1,571	2,665	0	0	324	262
California	324	382	-15.0%	0	0	0	119	0	0	324	262
Oregon	534	1,081	-51.0%	534	1,081	0	0	0	0	0	0
Washington	1,571	2,546	-38.0%	0	0	1,571	2,546	0	0	0	0
Pacific Noncontiguous	296	362	-18.0%	0	0	296	362	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	296	362	-18.0%	0	0	296	362	0	0	0	0
U.S. Total	378,612	403,366	-6.1%	285,408	289,619	88,991	109,214	67	96	4,146	4,437

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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, June 2015 and 2014
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	54	112	-51.0%	0	1	54	109	0	0	0	2
Connecticut	27	97	-72.0%	0	0	27	97	0	0	0	0
Maine	2	3	-21.0%	0	0	2	0	0	0	0	2
Massachusetts	25	12	115.0%	0	0	25	12	0	0	0	0
New Hampshire	0	1	-76.0%	0	1	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	53	117	-55.0%	7	5	45	113	0	0	1	0
New Jersey	1	1	-27.0%	0	0	1	1	0	0	0	0
New York	10	99	-90.0%	7	5	3	94	0	0	1	0
Pennsylvania	42	17	141.0%	0	0	42	17	0	0	0	0
East North Central	112	127	-12.0%	91	107	17	15	0	0	4	5
Illinois	10	10	6.4%	3	5	7	5	0	0	0	0
Indiana	40	22	79.0%	40	22	0	0	0	0	0	0
Michigan	21	20	7.7%	18	18	0	0	0	0	3	1
Ohio	37	68	-46.0%	27	54	10	9	0	0	1	4
Wisconsin	4	8	-54.0%	4	8	0	1	0	0	0	0
West North Central	23	52	-55.0%	23	49	0	2	0	0	0	0
Iowa	7	14	-47.0%	7	14	0	0	0	0	0	0
Kansas	0	6	-100.0%	0	6	0	0	0	0	0	0
Minnesota	3	9	-71.0%	3	6	0	2	0	0	0	0
Missouri	9	14	-39.0%	9	14	0	0	0	0	0	0
Nebraska	0	1	-100.0%	0	1	0	0	0	0	0	0
North Dakota	5	3	70.0%	5	3	0	0	0	0	0	0
South Dakota	0	5	-100.0%	0	5	0	0	0	0	0	0
South Atlantic	523	331	58.0%	458	271	39	38	0	0	26	22
Delaware	2	4	-51.0%	0	0	2	4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	238	21	NM	237	20	0	1	0	0	0	0
Georgia	21	45	-54.0%	11	31	0	0	0	0	10	14
Maryland	27	18	52.0%	0	0	27	18	0	0	0	0
North Carolina	19	24	-22.0%	19	24	0	0	0	0	0	0
South Carolina	23	21	14.0%	13	14	0	0	0	0	10	7
Virginia	159	182	-13.0%	142	165	10	16	0	0	6	2
West Virginia	35	17	108.0%	35	17	0	0	0	0	0	0
East South Central	42	42	0.6%	42	42	0	0	0	0	0	0
Alabama	6	10	-37.0%	6	10	0	0	0	0	0	0
Kentucky	19	15	24.0%	19	15	0	0	0	0	0	0
Mississippi	2	4	-52.0%	2	4	0	0	0	0	0	0
Tennessee	15	13	19.0%	15	13	0	0	0	0	0	0
West South Central	38	25	56.0%	35	7	3	17	0	0	0	0
Arkansas	5	1	411.0%	5	0	1	1	0	0	0	0
Louisiana	5	4	38.0%	5	0	1	4	0	0	0	0
Oklahoma	1	1	-49.0%	1	1	0	0	0	0	0	0
Texas	27	18	47.0%	25	6	2	13	0	0	0	0
Mountain	28	31	-11.0%	27	28	1	3	0	0	0	0
Arizona	4	10	-61.0%	4	10	0	0	0	0	0	0
Colorado	0	3	-100.0%	0	3	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	2	-100.0%	0	0	0	2	0	0	0	0
Nevada	5	3	46.0%	4	2	1	1	0	0	0	0
New Mexico	7	7	-11.0%	7	7	0	0	0	0	0	0
Utah	2	1	60.0%	2	1	0	0	0	0	0	0
Wyoming	10	5	123.0%	10	5	0	0	0	0	0	0
Pacific Contiguous	2	11	-85.0%	0	7	2	3	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	7	-100.0%	0	7	0	0	0	0	0	0
Washington	2	3	-50.0%	0	0	2	3	0	0	0	0
Pacific Noncontiguous	731	694	5.3%	565	533	166	161	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	731	694	5.3%	565	533	166	161	0	0	0	0
U.S. Total	1,606	1,541	4.2%	1,248	1,050	327	462	0	0	31	30

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

Table 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) June 2015 and 2014
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	1,242	1,942	-36.0%	61	148	1,150	1,756	0	0	32	38
Connecticut	290	439	-34.0%	0	0	290	439	0	0	0	0
Maine	485	239	103.0%	0	0	453	201	0	0	32	38
Massachusetts	378	871	-57.0%	5	20	372	851	0	0	0	0
New Hampshire	78	307	-75.0%	55	128	23	179	0	0	0	0
Rhode Island	11	86	-87.0%	0	0	11	86	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,674	3,488	-23.0%	992	718	1,677	2,763	0	0	5	7
New Jersey	55	226	-76.0%	0	0	55	226	0	0	0	0
New York	1,998	2,396	-17.0%	992	718	1,001	1,671	0	0	5	6
Pennsylvania	621	866	-28.0%	0	0	621	866	0	0	0	1
East North Central	601	895	-33.0%	459	570	120	295	0	0	22	30
Illinois	48	93	-48.0%	14	24	34	70	0	0	0	0
Indiana	168	155	8.4%	168	155	0	0	0	0	0	0
Michigan	100	135	-26.0%	93	125	0	0	0	0	7	10
Ohio	250	448	-44.0%	150	206	86	223	0	0	14	19
Wisconsin	35	64	-45.0%	34	61	0	2	0	0	1	2
West North Central	210	329	-36.0%	210	327	0	2	0	0	0	0
Iowa	34	57	-41.0%	34	57	0	0	0	0	0	0
Kansas	49	48	2.2%	49	48	0	0	0	0	0	0
Minnesota	13	63	-79.0%	13	61	0	2	0	0	0	0
Missouri	81	107	-24.0%	81	107	0	0	0	0	0	0
Nebraska	0	21	-100.0%	0	21	0	0	0	0	0	0
North Dakota	27	28	-1.5%	27	28	0	0	0	0	0	0
South Dakota	6	6	3.2%	6	6	0	0	0	0	0	0
South Atlantic	2,950	3,826	-23.0%	2,021	2,618	551	1,101	0	0	378	107
Delaware	59	17	240.0%	0	0	59	17	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	408	194	111.0%	406	185	2	9	0	0	0	0
Georgia	205	262	-22.0%	95	166	75	47	0	0	35	50
Maryland	142	746	-81.0%	0	0	142	746	0	0	0	0
North Carolina	372	567	-34.0%	340	556	33	11	0	0	0	0
South Carolina	327	426	-23.0%	251	391	7	0	0	0	69	35
Virginia	1,335	1,480	-9.8%	830	1,216	232	242	0	0	274	23
West Virginia	101	133	-25.0%	101	105	0	29	0	0	0	0
East South Central	316	321	-1.7%	288	299	27	23	0	0	1	0
Alabama	80	100	-20.0%	53	77	27	23	0	0	0	0
Kentucky	99	100	-0.8%	99	100	0	0	0	0	0	0
Mississippi	16	15	6.7%	16	15	0	0	0	0	0	0
Tennessee	121	107	13.0%	120	107	0	0	0	0	1	0
West South Central	223	167	33.0%	155	71	68	96	0	0	0	0
Arkansas	51	21	149.0%	39	12	13	9	0	0	0	0
Louisiana	79	44	78.0%	62	17	18	28	0	0	0	0
Oklahoma	2	14	-88.0%	2	14	0	0	0	0	0	0
Texas	91	88	3.0%	53	29	38	60	0	0	0	0
Mountain	207	191	8.5%	197	180	11	12	0	0	0	0
Arizona	61	50	24.0%	61	50	0	0	0	0	0	0
Colorado	5	3	51.0%	5	3	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	8	10	-23.0%	0	0	8	10	0	0	0	0
Nevada	15	13	20.0%	13	11	3	1	0	0	0	0
New Mexico	63	62	1.0%	63	62	0	0	0	0	0	0
Utah	20	17	18.0%	20	17	0	0	0	0	0	0
Wyoming	35	36	-2.9%	35	36	0	0	0	0	0	0
Pacific Contiguous	5	14	-67.0%	0	7	5	7	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	7	-100.0%	0	7	0	0	0	0	0	0
Washington	5	7	-32.0%	0	0	5	7	0	0	0	0
Pacific Noncontiguous	4,644	4,568	1.7%	3,707	3,645	937	924	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	4,644	4,568	1.7%	3,707	3,645	937	924	0	0	0	0
U.S. Total	13,073	15,744	-17.0%	8,090	8,583	4,545	6,978	0	0	438	183

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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, June 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 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	147	139	6.0%	102	78	44	47	0	0	1	13
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	57	40	42.0%	57	40	0	0	0	0	0	0
Michigan	42	39	7.3%	42	37	0	2	0	0	0	0
Ohio	44	45	-3.3%	0	0	44	45	0	0	0	0
Wisconsin	4	14	-73.0%	2	1	0	0	0	0	1	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	85	83	1.8%	62	69	0	0	0	0	23	14
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	62	69	-10.0%	62	69	0	0	0	0	0	0
Georgia	23	14	59.0%	0	0	0	0	0	0	23	14
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	60	21	181.0%	60	21	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	60	21	181.0%	60	21	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	37	157	-76.0%	37	157	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	37	157	-76.0%	37	157	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	330	400	-18.0%	262	325	44	47	0	0	24	27

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

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 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	640	764	-16.0%	350	462	251	247	0	0	39	55
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	161	235	-31.0%	161	235	0	0	0	0	0	0
Michigan	190	210	-9.9%	177	202	13	9	0	0	0	0
Ohio	238	238	0.1%	0	0	238	238	0	0	0	0
Wisconsin	51	81	-37.0%	12	26	0	0	0	0	39	55
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	496	715	-31.0%	405	677	0	0	0	0	92	37
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	405	677	-40.0%	405	677	0	0	0	0	0	0
Georgia	92	37	145.0%	0	0	0	0	0	0	92	37
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	346	157	121.0%	346	157	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	346	157	121.0%	346	157	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	818	823	-0.6%	818	823	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	818	823	-0.6%	818	823	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	2,300	2,459	-6.5%	1,919	2,120	251	247	0	0	131	93

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

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

Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, June 2015 and 2014
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	33,152	32,713	1.3%	115	122	32,933	31,968	0	0	103	623
Connecticut	8,877	8,634	2.8%	0	0	8,877	8,634	0	0	0	0
Maine	682	3,652	-81.0%	0	0	578	3,029	0	0	103	623
Massachusetts	13,855	12,763	8.6%	115	104	13,739	12,658	0	0	0	0
New Hampshire	3,619	2,774	30.0%	0	18	3,619	2,756	0	0	0	0
Rhode Island	6,120	4,891	25.0%	0	0	6,120	4,891	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	94,265	93,939	0.3%	9,580	9,677	84,562	84,120	0	0	123	142
New Jersey	22,890	20,915	9.4%	0	0	22,890	20,915	0	0	0	0
New York	35,448	38,857	-8.8%	9,580	9,677	25,804	29,097	0	0	63	82
Pennsylvania	35,928	34,167	5.2%	0	0	35,868	34,107	0	0	59	60
East North Central	53,137	36,312	46.0%	21,272	13,244	31,025	22,613	400	336	440	119
Illinois	6,124	3,814	61.0%	405	464	5,708	3,349	0	0	11	0
Indiana	8,631	4,564	89.0%	7,547	3,110	1,085	1,454	0	0	0	0
Michigan	13,225	8,779	51.0%	2,716	2,414	9,726	5,963	400	336	383	66
Ohio	17,365	14,658	18.0%	6,372	5,157	10,987	9,501	0	0	7	0
Wisconsin	7,791	4,497	73.0%	4,232	2,098	3,519	2,346	0	0	39	52
West North Central	13,473	7,269	85.0%	11,925	5,927	1,435	1,239	113	99	0	4
Iowa	2,656	898	196.0%	2,656	897	0	0	0	0	0	2
Kansas	1,513	1,325	14.0%	1,513	1,325	0	0	0	0	0	0
Minnesota	4,335	2,491	74.0%	3,839	2,027	496	462	0	0	0	2
Missouri	3,825	2,277	68.0%	2,773	1,401	940	777	112	99	0	0
Nebraska	527	218	142.0%	527	218	0	0	0	0	0	0
North Dakota	31	0	NM	31	0	0	0	0	0	0	0
South Dakota	587	60	884.0%	587	60	0	0	0	0	0	0
South Atlantic	216,940	174,954	24.0%	172,846	140,569	40,970	32,475	0	0	3,123	1,910
Delaware	5,338	5,002	6.7%	0	0	4,216	4,349	0	0	1,123	653
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	103,546	94,068	10.0%	98,295	90,310	5,251	3,758	0	0	0	0
Georgia	34,583	27,203	27.0%	20,863	18,472	12,522	8,105	0	0	1,198	626
Maryland	4,032	2,208	83.0%	0	0	4,005	2,201	0	0	27	8
North Carolina	26,351	20,847	26.0%	23,233	14,439	3,118	6,408	0	0	0	0
South Carolina	14,083	8,214	71.0%	12,197	7,086	1,849	1,112	0	0	36	17
Virginia	27,432	17,062	61.0%	18,105	10,262	8,587	6,193	0	0	739	606
West Virginia	1,575	349	351.0%	153	0	1,422	349	0	0	0	0
East South Central	76,305	55,765	37.0%	42,082	31,781	33,601	23,588	0	0	621	395
Alabama	34,173	27,885	23.0%	8,660	8,286	25,513	19,599	0	0	0	0
Kentucky	2,687	1,188	126.0%	1,862	1,074	825	114	0	0	0	0
Mississippi	31,804	20,854	53.0%	24,540	16,978	7,264	3,876	0	0	0	0
Tennessee	7,641	5,838	31.0%	7,019	5,443	0	0	0	0	621	395
West South Central	258,283	231,022	12.0%	76,354	65,891	130,732	115,734	0	0	51,196	49,397
Arkansas	9,827	8,196	20.0%	2,949	2,699	6,616	5,134	0	0	262	363
Louisiana	51,187	42,821	20.0%	25,065	20,802	8,543	6,621	0	0	17,579	15,398
Oklahoma	22,180	16,779	32.0%	13,692	10,220	8,488	6,559	0	0	0	0
Texas	175,089	163,226	7.3%	34,649	32,170	107,086	97,420	0	0	33,355	33,636
Mountain	69,653	55,171	26.0%	43,987	36,940	25,617	18,171	0	0	49	59
Arizona	30,002	23,014	30.0%	12,943	11,246	17,059	11,768	0	0	0	0
Colorado	7,689	7,410	3.8%	4,949	4,427	2,739	2,982	0	0	0	0
Idaho	2,928	454	545.0%	1,891	235	1,036	219	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	19,686	12,859	53.0%	17,504	11,780	2,183	1,079	0	0	0	0
New Mexico	4,376	6,085	-28.0%	2,101	4,112	2,274	1,973	0	0	0	0
Utah	4,962	5,341	-7.1%	4,588	5,131	325	150	0	0	49	59
Wyoming	10	8	31.0%	10	8	0	0	0	0	0	0
Pacific Contiguous	82,120	55,944	47.0%	28,226	19,046	50,570	33,205	0	0	3,324	3,693
California	64,284	51,579	25.0%	18,930	16,776	42,031	31,110	0	0	3,324	3,693
Oregon	10,531	2,573	309.0%	3,182	478	7,349	2,095	0	0	0	0
Washington	7,304	1,792	308.0%	6,114	1,792	1,190	0	0	0	0	0
Pacific Noncontiguous	1,389	1,546	-10.0%	1,389	1,546	0	0	0	0	0	0
Alaska	1,389	1,546	-10.0%	1,389	1,546	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	898,716	744,633	21.0%	407,777	324,743	431,447	363,114	513	435	58,979	56,342

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

Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) June 2015 and 2014
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	159,781	142,808	12.0%	562	537	158,804	139,535	0	0	414	2,736
Connecticut	51,855	43,590	19.0%	0	0	51,855	43,590	0	0	0	0
Maine	7,741	14,758	-48.0%	0	0	7,326	12,022	0	0	414	2,736
Massachusetts	58,701	54,006	8.7%	531	429	58,170	53,577	0	0	0	0
New Hampshire	20,072	12,101	66.0%	31	109	20,041	11,992	0	0	0	0
Rhode Island	21,412	18,354	17.0%	0	0	21,412	18,354	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	489,288	439,261	11.0%	42,968	44,093	445,273	394,136	0	0	1,047	1,033
New Jersey	117,491	97,623	20.0%	0	0	117,491	97,623	0	0	0	0
New York	188,489	183,127	2.9%	42,968	44,093	145,112	138,583	0	0	410	452
Pennsylvania	183,307	158,511	16.0%	0	0	182,670	157,930	0	0	637	581
East North Central	307,176	218,113	41.0%	118,043	85,460	183,536	128,968	2,291	2,099	3,305	1,585
Illinois	29,179	14,773	98.0%	1,216	1,596	27,927	13,150	0	0	37	26
Indiana	59,208	39,485	50.0%	46,357	28,090	12,851	11,395	0	0	0	0
Michigan	70,560	55,090	28.0%	13,694	14,100	52,485	38,011	2,291	2,099	2,090	880
Ohio	101,848	82,903	23.0%	34,701	29,832	66,910	52,957	0	0	237	114
Wisconsin	46,380	25,862	79.0%	22,075	11,842	23,364	13,455	0	0	942	565
West North Central	52,340	39,446	33.0%	45,155	33,477	6,703	5,618	406	297	76	54
Iowa	8,052	4,771	69.0%	8,044	4,761	0	0	0	0	9	10
Kansas	4,827	6,448	-25.0%	4,827	6,448	0	0	0	0	0	0
Minnesota	20,702	12,879	61.0%	18,085	9,720	2,550	3,115	0	0	67	44
Missouri	15,106	12,834	18.0%	10,547	10,035	4,154	2,502	405	297	0	0
Nebraska	1,216	1,622	-25.0%	1,216	1,622	0	0	0	0	0	0
North Dakota	166	8	NM	166	8	0	0	0	0	0	0
South Dakota	2,270	883	157.0%	2,270	883	0	0	0	0	0	0
South Atlantic	1,053,889	861,544	22.0%	850,165	707,062	185,822	143,209	0	0	17,903	11,273
Delaware	27,169	21,753	25.0%	0	0	19,885	16,746	0	0	7,284	5,007
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	532,099	485,595	9.6%	510,752	466,620	21,347	18,975	0	0	0	0
Georgia	170,211	124,851	36.0%	110,762	91,094	53,446	29,751	0	0	6,003	4,006
Maryland	14,189	7,272	95.0%	0	0	14,008	7,118	0	0	181	154
North Carolina	130,115	93,874	39.0%	102,714	65,431	27,401	28,443	0	0	0	0
South Carolina	55,289	42,154	31.0%	49,575	37,648	5,368	4,330	0	0	346	176
Virginia	120,261	83,095	45.0%	75,686	44,472	40,487	36,693	0	0	4,088	1,929
West Virginia	4,556	2,951	54.0%	676	1,798	3,880	1,154	0	0	0	0
East South Central	402,261	307,971	31.0%	228,825	188,194	169,973	119,171	0	0	3,463	606
Alabama	181,492	143,655	26.0%	46,481	46,911	135,011	96,744	0	0	0	0
Kentucky	22,147	20,243	9.4%	19,853	18,850	2,294	1,393	0	0	0	0
Mississippi	161,274	121,218	33.0%	128,606	100,185	32,668	21,033	0	0	0	0
Tennessee	37,348	22,854	63.0%	33,885	22,248	0	0	0	0	3,463	606
West South Central	1,369,665	1,209,000	13.0%	355,075	318,739	720,469	586,050	0	0	294,120	304,211
Arkansas	59,790	37,991	57.0%	13,302	6,209	44,356	31,112	0	0	2,133	670
Louisiana	248,419	239,250	3.8%	116,922	96,422	43,063	43,106	0	0	88,434	99,722
Oklahoma	115,841	100,986	15.0%	77,249	70,367	38,592	30,620	0	0	0	0
Texas	945,615	830,773	14.0%	147,602	145,742	594,458	481,212	0	0	203,554	203,818
Mountain	264,761	233,845	13.0%	184,319	155,832	80,165	77,683	0	0	278	330
Arizona	82,984	73,000	14.0%	39,847	33,627	43,138	39,373	0	0	0	0
Colorado	35,328	40,169	-12.0%	22,973	22,920	12,355	17,248	0	0	0	0
Idaho	9,102	5,961	53.0%	5,329	2,929	3,774	3,033	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	84,024	59,102	42.0%	76,576	52,689	7,448	6,413	0	0	0	0
New Mexico	30,332	31,399	-3.4%	17,258	20,161	13,075	11,237	0	0	0	0
Utah	22,934	24,158	-5.1%	22,281	23,449	376	379	0	0	278	330
Wyoming	56	56	-1.4%	56	56	0	0	0	0	0	0
Pacific Contiguous	364,751	386,607	-5.7%	141,912	135,382	204,854	228,495	0	0	17,985	22,730
California	297,850	331,525	-10.0%	104,054	103,208	175,811	205,587	0	0	17,985	22,730
Oregon	43,120	32,207	34.0%	16,050	10,726	27,070	21,480	0	0	0	0
Washington	23,781	22,876	4.0%	21,808	21,447	1,972	1,429	0	0	0	0
Pacific Noncontiguous	8,178	10,108	-19.0%	8,178	10,108	0	0	0	0	0	0
Alaska	8,178	10,108	-19.0%	8,178	10,108	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	4,472,091	3,848,704	16.0%	1,975,202	1,678,884	2,155,600	1,822,866	2,697	2,397	338,592	344,557

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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, June 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014
New England	W	3.82	W	4.00	4.12	W	3.62
Connecticut	--	W	W	--	--	--	W
Maine	W	W	W	--	--	W	W
Massachusetts	--	W	W	--	--	--	W
New Hampshire	4.00	4.12	-2.9%	4.00	4.12	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.35	2.59	-9.3%	--	--	2.35	2.59
New Jersey	W	3.82	W	--	--	W	3.82
New York	W	3.00	W	--	--	W	3.00
Pennsylvania	2.29	2.52	-9.1%	--	--	2.29	2.52
East North Central	2.20	2.31	-4.8%	2.28	2.42	1.99	2.06
Illinois	1.90	1.98	-4.0%	1.96	2.06	1.89	1.97
Indiana	W	W	W	2.29	2.54	W	W
Michigan	W	W	W	2.36	2.51	W	W
Ohio	W	W	W	2.17	2.27	W	W
Wisconsin	2.37	2.38	-0.4%	2.37	2.38	--	--
West North Central	1.70	1.82	-6.6%	1.70	1.82	--	--
Iowa	1.60	1.64	-2.4%	1.60	1.64	--	--
Kansas	1.71	1.84	-7.1%	1.71	1.84	--	--
Minnesota	1.88	2.04	-7.8%	1.88	2.04	--	--
Missouri	1.84	2.01	-8.5%	1.84	2.01	--	--
Nebraska	1.37	1.40	-2.1%	1.37	1.40	--	--
North Dakota	1.60	1.64	-2.4%	1.60	1.64	--	--
South Dakota	2.91	2.14	36.0%	2.91	2.14	--	--
South Atlantic	2.96	3.08	-3.9%	3.00	3.19	2.77	2.64
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.03	3.35	W	W
Georgia	2.94	3.16	-7.0%	2.94	3.16	--	--
Maryland	2.90	3.00	-3.3%	--	--	2.90	3.00
North Carolina	3.60	3.54	1.7%	3.60	3.54	--	--
South Carolina	3.55	3.64	-2.5%	3.55	3.64	--	--
Virginia	W	W	W	2.77	3.14	W	W
West Virginia	2.36	2.42	-2.5%	2.38	2.59	2.29	2.13
East South Central	W	W	W	2.38	2.56	W	W
Alabama	2.60	2.84	-8.5%	2.60	2.84	--	--
Kentucky	2.24	2.35	-4.7%	2.24	2.35	--	--
Mississippi	W	W	W	3.21	3.38	W	W
Tennessee	2.38	2.41	-1.2%	2.38	2.41	--	--
West South Central	2.08	2.06	1.0%	2.17	2.13	1.98	1.98
Arkansas	W	W	W	2.28	2.32	W	W
Louisiana	W	W	W	3.18	2.24	W	W
Oklahoma	W	W	W	1.94	1.99	W	W
Texas	2.01	2.01	0.0%	2.10	2.08	1.96	1.96
Mountain	W	W	W	1.91	1.95	W	W
Arizona	2.04	2.10	-2.9%	2.04	2.10	--	--
Colorado	1.81	1.98	-8.6%	1.81	1.98	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	--	2.36	W	W
New Mexico	2.27	2.43	-6.6%	2.27	2.43	--	--
Utah	1.95	2.00	-2.5%	1.95	2.00	--	--
Wyoming	1.66	1.40	19.0%	1.66	1.40	--	--
Pacific Contiguous	W	W	W	2.21	2.48	W	W
California	--	W	W	--	--	--	W
Oregon	2.21	2.48	-11.0%	2.21	2.48	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	--	W	W	--	--	--	W
Alaska	--	--	--	--	--	--	--
Hawaii	--	W	W	--	--	--	W
U.S. Total	2.24	2.37	-5.5%	2.26	2.40	2.17	2.28

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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) June 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	3.63	3.52	3.1%	3.89	4.30	3.51	3.26
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	3.89	4.30	-9.5%	3.89	4.30	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.50	2.71	-7.7%	--	--	2.50	2.71
New Jersey	3.93	3.83	2.6%	--	--	3.93	3.83
New York	3.14	3.03	3.6%	--	--	3.14	3.03
Pennsylvania	2.43	2.64	-8.0%	--	--	2.43	2.64
East North Central	2.23	2.32	-3.9%	2.33	2.45	1.99	2.05
Illinois	1.94	1.98	-2.0%	2.02	2.08	1.93	1.97
Indiana	W	W	W	2.34	2.59	W	W
Michigan	W	W	W	2.53	2.64	W	W
Ohio	W	W	W	2.20	2.30	W	W
Wisconsin	2.34	2.32	0.9%	2.34	2.32	--	--
West North Central	1.75	1.78	-1.7%	1.75	1.78	--	--
Iowa	1.64	1.64	0.0%	1.64	1.64	--	--
Kansas	1.72	1.79	-3.9%	1.72	1.79	--	--
Minnesota	1.95	1.94	0.5%	1.95	1.94	--	--
Missouri	1.93	2.00	-3.5%	1.93	2.00	--	--
Nebraska	1.37	1.40	-2.1%	1.37	1.40	--	--
North Dakota	1.56	1.51	3.3%	1.56	1.51	--	--
South Dakota	2.19	2.11	3.8%	2.19	2.11	--	--
South Atlantic	2.98	3.09	-3.6%	3.06	3.22	2.58	2.64
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.06	3.35	W	W
Georgia	2.99	3.12	-4.2%	2.99	3.12	--	--
Maryland	2.92	3.06	-4.6%	--	--	2.92	3.06
North Carolina	3.55	3.61	-1.7%	3.55	3.61	--	--
South Carolina	3.58	3.65	-1.9%	3.58	3.65	--	--
Virginia	W	W	W	2.97	3.23	W	W
West Virginia	2.35	2.44	-3.7%	2.43	2.64	2.19	2.15
East South Central	W	W	W	2.35	2.51	W	W
Alabama	2.45	2.71	-9.6%	2.45	2.71	--	--
Kentucky	W	2.37	W	2.26	2.37	W	--
Mississippi	W	W	W	3.29	3.36	W	W
Tennessee	2.42	2.45	-1.2%	2.42	2.45	--	--
West South Central	2.06	2.06	0.0%	2.15	2.17	1.95	1.94
Arkansas	W	W	W	2.25	2.36	W	W
Louisiana	W	W	W	2.51	2.56	W	W
Oklahoma	W	W	W	1.99	1.97	W	W
Texas	2.01	2.00	0.5%	2.13	2.14	1.92	1.92
Mountain	W	W	W	1.91	1.97	W	W
Arizona	2.03	2.11	-3.8%	2.03	2.11	--	--
Colorado	1.78	1.90	-6.3%	1.78	1.90	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.71	2.40	W	W
New Mexico	2.37	2.39	-0.8%	2.37	2.39	--	--
Utah	1.95	2.07	-5.8%	1.95	2.07	--	--
Wyoming	1.62	1.55	4.5%	1.62	1.55	--	--
Pacific Contiguous	W	W	W	2.36	2.48	W	W
California	--	W	W	--	--	--	W
Oregon	2.36	2.48	-4.8%	2.36	2.48	--	--
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	2.35	-4.3%	2.27	2.38	2.18	2.28

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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, June 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014
New England	W	W	W	17.02	22.25	W	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	17.02	22.25	-24.0%	17.02	22.25	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	14.94	20.64	-28.0%	16.70	23.71	14.56	20.53
New Jersey	W	W	W	--	--	W	W
New York	W	W	W	16.70	23.71	W	W
Pennsylvania	14.52	W	W	--	--	14.52	W
East North Central	15.24	22.85	-33.0%	15.36	22.87	14.58	22.74
Illinois	14.66	W	W	14.64	23.05	14.67	W
Indiana	15.15	22.33	-32.0%	15.15	22.33	--	--
Michigan	14.41	21.88	-34.0%	14.41	21.88	--	--
Ohio	15.95	23.50	-32.0%	16.47	23.59	14.52	22.94
Wisconsin	14.92	W	W	14.92	21.54	--	W
West North Central	14.04	W	W	14.04	22.36	--	W
Iowa	13.88	21.90	-37.0%	13.88	21.90	--	--
Kansas	--	21.74	--	--	21.74	--	--
Minnesota	14.10	W	W	14.10	22.30	--	W
Missouri	14.13	22.18	-36.0%	14.13	22.18	--	--
Nebraska	--	22.75	--	--	22.75	--	--
North Dakota	14.10	26.67	-47.0%	14.10	26.67	--	--
South Dakota	--	22.57	--	--	22.57	--	--
South Atlantic	12.84	22.38	-43.0%	12.92	22.35	11.82	22.55
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	13.81	23.95	W	W
Georgia	W	23.17	W	13.73	23.17	W	--
Maryland	10.35	22.13	-53.0%	--	--	10.35	22.13
North Carolina	14.19	22.00	-36.0%	14.19	22.00	--	--
South Carolina	16.08	23.10	-30.0%	16.08	23.10	--	--
Virginia	W	W	W	10.49	21.92	W	W
West Virginia	15.35	23.12	-34.0%	15.35	23.12	--	--
East South Central	14.20	21.80	-35.0%	14.20	21.80	--	--
Alabama	14.71	22.16	-34.0%	14.71	22.16	--	--
Kentucky	14.35	22.18	-35.0%	14.35	22.18	--	--
Mississippi	13.53	21.14	-36.0%	13.53	21.14	--	--
Tennessee	13.91	21.33	-35.0%	13.91	21.33	--	--
West South Central	14.16	22.06	-36.0%	14.18	22.37	13.96	21.94
Arkansas	W	W	W	14.27	--	W	W
Louisiana	W	W	W	14.19	--	W	W
Oklahoma	14.12	22.49	-37.0%	14.12	22.49	--	--
Texas	W	W	W	14.16	22.34	W	W
Mountain	W	W	W	15.31	24.06	W	W
Arizona	15.04	26.56	-43.0%	15.04	26.56	--	--
Colorado	--	22.85	--	--	22.85	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	W	W	--	--	--	W
Nevada	W	W	W	17.13	24.69	W	W
New Mexico	16.42	23.58	-30.0%	16.42	23.58	--	--
Utah	15.30	17.68	-13.0%	15.30	17.68	--	--
Wyoming	13.98	21.88	-36.0%	13.98	21.88	--	--
Pacific Contiguous	W	W	W	--	22.68	W	W
California	--	--	--	--	--	--	--
Oregon	--	22.68	--	--	22.68	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	13.86	20.90	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	13.86	20.90	W	W
U.S. Total	13.57	21.48	-37.0%	13.69	21.67	13.08	21.06

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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) June 2015 and 2014 (Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	W	W	W	11.43	19.71	W	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	14.37	19.84	-28.0%	22.01	22.78	14.26	19.78
New Hampshire	W	W	W	10.45	19.27	W	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	12.70	21.49	-41.0%	9.93	20.47	14.65	21.79
New Jersey	17.60	23.68	-26.0%	--	--	17.60	23.68
New York	12.33	20.68	-40.0%	9.93	20.47	14.77	20.78
Pennsylvania	14.05	23.34	-40.0%	--	--	14.05	23.34
East North Central	14.38	24.06	-40.0%	14.41	23.35	14.29	25.58
Illinois	14.58	W	W	14.82	23.38	14.48	W
Indiana	14.43	23.61	-39.0%	14.43	23.61	--	--
Michigan	13.65	22.56	-39.0%	13.65	22.56	--	--
Ohio	14.43	25.01	-42.0%	14.56	23.98	14.22	25.96
Wisconsin	15.56	W	W	15.56	22.22	--	W
West North Central	13.38	W	W	13.38	22.44	--	W
Iowa	13.59	22.32	-39.0%	13.59	22.32	--	--
Kansas	13.05	22.17	-41.0%	13.05	22.17	--	--
Minnesota	14.10	W	W	14.10	22.60	--	W
Missouri	13.47	22.35	-40.0%	13.47	22.35	--	--
Nebraska	--	22.28	--	--	22.28	--	--
North Dakota	13.34	23.22	-43.0%	13.34	23.22	--	--
South Dakota	12.44	22.70	-45.0%	12.44	22.70	--	--
South Atlantic	14.29	22.45	-36.0%	14.14	22.43	14.95	22.50
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	15.02	23.15	W	W
Georgia	17.49	W	W	19.70	23.42	14.11	W
Maryland	11.43	21.90	-48.0%	--	--	11.43	21.90
North Carolina	W	W	W	14.44	22.77	W	W
South Carolina	15.11	23.22	-35.0%	15.11	23.22	--	--
Virginia	13.67	21.98	-38.0%	12.64	21.63	17.65	23.82
West Virginia	14.95	W	W	14.95	24.38	--	W
East South Central	W	W	W	13.56	22.41	W	W
Alabama	W	W	W	13.50	22.00	W	W
Kentucky	14.34	22.89	-37.0%	14.34	22.89	--	--
Mississippi	13.35	21.90	-39.0%	13.35	21.90	--	--
Tennessee	12.95	22.31	-42.0%	12.95	22.31	--	--
West South Central	13.81	22.16	-38.0%	13.76	22.21	13.92	22.13
Arkansas	W	W	W	14.42	22.91	W	W
Louisiana	W	W	W	12.67	21.90	W	W
Oklahoma	15.19	22.36	-32.0%	15.19	22.36	--	--
Texas	W	W	W	14.51	22.03	W	W
Mountain	W	W	W	15.48	23.87	W	W
Arizona	14.48	23.57	-39.0%	14.48	23.57	--	--
Colorado	15.24	23.66	-36.0%	15.24	23.66	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	17.36	24.33	W	W
New Mexico	15.84	24.58	-36.0%	15.84	24.58	--	--
Utah	15.31	22.39	-32.0%	15.31	22.39	--	--
Wyoming	15.98	23.62	-32.0%	15.98	23.62	--	--
Pacific Contiguous	W	W	W	--	22.68	W	W
California	--	--	--	--	--	--	--
Oregon	--	22.68	--	--	22.68	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	11.70	21.11	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	11.70	21.11	W	W
U.S. Total	12.74	21.72	-41.0%	12.44	21.71	13.32	21.72

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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, June 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.28	1.17	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.95	0.94	1.1%	0.95	0.94	--	--
Michigan	1.75	W	W	1.75	1.43	--	W
Ohio	W	W	W	--	--	W	W
Wisconsin	1.68	1.87	-10.0%	1.68	1.87	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.54	2.48	2.4%	2.54	2.48	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.54	2.48	2.4%	2.54	2.48	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.72	1.73	-0.6%	1.72	1.73	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.72	1.73	-0.6%	1.72	1.73	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.63	2.17	-25.0%	1.63	2.17	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.63	2.17	-25.0%	1.63	2.17	--	--
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	1.73	1.97	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) June 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 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	1.39	1.24	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.93	1.01	-7.9%	0.93	1.01	--	--
Michigan	W	W	W	1.83	1.45	W	W
Ohio	W	W	W	--	--	W	W
Wisconsin	1.60	1.87	-14.0%	1.60	1.87	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.38	2.45	-2.9%	2.38	2.45	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.38	2.45	-2.9%	2.38	2.45	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.74	1.74	0.0%	1.74	1.74	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.74	1.74	0.0%	1.74	1.74	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.92	2.07	-7.2%	1.92	2.07	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.92	2.07	-7.2%	1.92	2.07	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	1.95	W	W	1.89	1.99	2.41	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, June 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2015	June 2014	Percentage Change	June 2015	June 2014	June 2015	June 2014
New England	W	4.40	W	2.24	4.24	W	4.40
Connecticut	2.11	4.30	-51.0%	--	--	2.11	4.30
Maine	W	W	W	--	--	W	W
Massachusetts	3.10	4.54	-32.0%	2.24	4.42	3.11	4.55
New Hampshire	W	W	W	6.95	3.17	W	W
Rhode Island	1.91	4.21	-55.0%	--	--	1.91	4.21
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.21	3.77	-41.0%	2.55	4.18	2.17	3.72
New Jersey	2.25	3.61	-38.0%	--	--	2.25	3.61
New York	2.63	4.28	-39.0%	2.55	4.18	2.67	4.32
Pennsylvania	1.76	3.26	-46.0%	--	--	1.76	3.26
East North Central	2.72	4.67	-42.0%	2.72	4.61	2.72	4.72
Illinois	W	W	W	4.06	5.25	W	W
Indiana	W	W	W	2.89	4.96	W	W
Michigan	3.09	5.23	-41.0%	3.40	5.24	3.00	5.23
Ohio	2.07	4.06	-49.0%	1.81	3.69	2.22	4.27
Wisconsin	3.21	5.25	-39.0%	3.26	5.55	3.16	4.97
West North Central	W	5.52	W	3.27	5.56	W	5.35
Iowa	2.88	5.61	-49.0%	2.88	5.61	--	--
Kansas	3.52	5.16	-32.0%	3.52	5.16	--	--
Minnesota	W	W	W	3.40	5.93	W	W
Missouri	W	W	W	3.31	5.40	W	W
Nebraska	3.36	5.26	-36.0%	3.36	5.26	--	--
North Dakota	2.71	4.57	-41.0%	2.71	4.57	--	--
South Dakota	3.34	5.47	-39.0%	3.34	5.47	--	--
South Atlantic	3.85	5.36	-28.0%	4.00	5.43	2.84	4.88
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.42	W	W	4.46	5.60	2.93	W
Georgia	3.27	5.17	-37.0%	3.29	5.17	3.23	5.17
Maryland	2.93	5.08	-42.0%	--	--	2.93	5.08
North Carolina	W	5.41	W	3.95	5.44	W	5.36
South Carolina	W	W	W	3.51	4.96	W	W
Virginia	W	W	W	2.78	4.72	W	W
West Virginia	2.33	3.88	-40.0%	2.92	--	2.26	3.88
East South Central	3.00	4.86	-38.0%	3.00	4.84	2.99	4.89
Alabama	3.07	W	W	3.11	4.83	3.05	W
Kentucky	W	W	W	4.20	6.55	W	W
Mississippi	W	W	W	2.95	4.79	W	W
Tennessee	2.73	4.71	-42.0%	2.73	4.71	--	--
West South Central	2.92	4.77	-39.0%	3.02	4.86	2.84	4.71
Arkansas	W	W	W	3.28	5.40	W	W
Louisiana	2.98	4.80	-38.0%	3.03	4.84	2.84	4.67
Oklahoma	W	W	W	3.15	5.00	W	W
Texas	2.88	4.73	-39.0%	2.94	4.78	2.85	4.71
Mountain	3.28	5.17	-37.0%	3.31	5.24	3.20	4.89
Arizona	3.35	5.18	-35.0%	3.56	5.35	2.99	4.77
Colorado	3.39	W	W	3.25	5.73	3.65	W
Idaho	2.74	6.72	-59.0%	2.74	6.72	--	--
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.26	5.18	W	W
New Mexico	3.46	5.17	-33.0%	3.46	5.17	--	--
Utah	W	W	W	2.98	4.69	W	W
Wyoming	4.61	4.97	-7.2%	4.61	4.97	--	--
Pacific Contiguous	3.20	5.26	-39.0%	3.43	5.49	3.03	5.06
California	3.40	5.29	-36.0%	3.76	5.57	3.17	5.07
Oregon	W	5.01	W	2.76	5.16	W	4.97
Washington	W	5.01	W	2.99	5.01	W	--
Pacific Noncontiguous	5.11	5.41	-5.5%	5.11	5.41	--	--
Alaska	5.11	5.41	-5.5%	5.11	5.41	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	3.13	4.84	-35.0%	3.48	5.16	2.71	4.47

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

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2015 YTD	June 2014 YTD	Percentage Change	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	5.86	9.30	-37.0%	5.37	9.26	5.86	9.30
Connecticut	6.07	9.06	-33.0%	--	--	6.07	9.06
Maine	W	W	W	--	--	W	W
Massachusetts	6.00	9.43	-36.0%	5.46	9.78	6.00	9.43
New Hampshire	W	W	W	3.93	7.18	W	W
Rhode Island	4.78	9.40	-49.0%	--	--	4.78	9.40
Vermont	--	--	--	--	--	--	--
Middle Atlantic	3.96	7.24	-45.0%	5.14	7.20	3.82	7.25
New Jersey	4.03	6.63	-39.0%	--	--	4.03	6.63
New York	4.51	7.27	-38.0%	5.14	7.20	4.30	7.30
Pennsylvania	3.32	7.52	-56.0%	--	--	3.32	7.52
East North Central	3.08	6.34	-51.0%	3.05	6.06	3.09	6.53
Illinois	W	W	W	4.43	6.54	W	W
Indiana	W	W	W	3.16	5.94	W	W
Michigan	3.43	8.21	-58.0%	3.44	8.42	3.42	8.13
Ohio	2.53	4.98	-49.0%	2.34	4.94	2.62	5.01
Wisconsin	3.46	6.18	-44.0%	3.65	6.40	3.29	5.98
West North Central	W	6.76	W	3.76	6.88	W	6.04
Iowa	3.48	9.93	-65.0%	3.48	9.93	--	--
Kansas	4.01	6.16	-35.0%	4.01	6.16	--	--
Minnesota	W	W	W	4.10	6.49	W	W
Missouri	W	W	W	3.47	6.24	W	W
Nebraska	3.63	6.65	-45.0%	3.63	6.65	--	--
North Dakota	2.79	4.50	-38.0%	2.79	4.50	--	--
South Dakota	3.03	7.37	-59.0%	3.03	7.37	--	--
South Atlantic	4.32	6.04	-28.0%	4.42	6.01	3.66	6.21
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.45	5.78	-23.0%	4.47	5.79	2.97	4.85
Georgia	3.41	5.52	-38.0%	3.41	5.51	3.39	5.53
Maryland	4.98	7.40	-33.0%	--	--	4.98	7.40
North Carolina	W	W	W	5.14	6.86	W	W
South Carolina	W	W	W	3.75	5.35	W	W
Virginia	4.32	7.74	-44.0%	4.98	8.62	2.48	6.51
West Virginia	W	W	W	3.02	6.27	W	W
East South Central	3.13	5.18	-40.0%	3.15	5.14	3.11	5.26
Alabama	3.18	5.17	-38.0%	3.18	5.00	3.17	5.29
Kentucky	W	W	W	3.96	5.97	W	W
Mississippi	W	W	W	3.07	5.05	W	W
Tennessee	2.93	5.11	-43.0%	2.93	5.11	--	--
West South Central	2.98	5.11	-42.0%	3.10	5.28	2.90	5.00
Arkansas	W	W	W	3.60	6.56	W	W
Louisiana	3.04	5.06	-40.0%	3.05	5.15	3.01	4.84
Oklahoma	W	W	W	3.17	5.64	W	W
Texas	2.93	5.02	-42.0%	3.05	5.14	2.90	4.98
Mountain	W	5.63	W	3.49	5.70	W	5.38
Arizona	3.60	5.81	-38.0%	3.90	6.34	2.89	4.99
Colorado	W	5.81	W	4.00	5.95	W	5.61
Idaho	3.00	W	W	3.00	6.50	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.35	5.58	W	W
New Mexico	3.18	5.27	-40.0%	3.18	5.27	--	--
Utah	W	W	W	3.08	5.08	W	W
Wyoming	5.13	7.24	-29.0%	5.13	7.24	--	--
Pacific Contiguous	3.35	5.55	-40.0%	3.64	5.72	3.06	5.40
California	3.46	5.57	-38.0%	3.80	5.84	3.17	5.38
Oregon	W	W	W	3.00	4.97	W	W
Washington	W	W	W	3.50	5.67	W	W
Pacific Noncontiguous	5.40	4.95	9.1%	5.40	4.95	--	--
Alaska	5.40	4.95	9.1%	5.40	4.95	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	3.63	5.95	-39.0%	3.81	5.77	3.42	6.15

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See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

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

Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, June 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	56	2.61	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	4	0.68	8.0	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	52	2.75	8.0	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,179	3.11	10.6	46	0.23	4.8	0	--	--
New Jersey	69	1.40	8.2	0	--	--	0	--	--
New York	35	1.71	8.8	46	0.23	4.8	0	--	--
Pennsylvania	2,075	3.19	10.8	0	--	--	0	--	--
East North Central	6,218	3.09	10.0	6,924	0.26	4.8	0	--	--
Illinois	839	3.58	18.2	2,628	0.22	4.6	0	--	--
Indiana	2,608	2.95	8.9	172	0.30	4.8	0	--	--
Michigan	278	1.76	8.0	2,675	0.30	4.9	0	--	--
Ohio	2,395	3.30	9.3	15	0.28	5.3	0	--	--
Wisconsin	97	2.33	8.0	1,434	0.26	5.1	0	--	--
West North Central	152	3.47	8.7	8,205	0.28	5.1	1,774	0.88	10.4
Iowa	54	3.50	8.0	1,758	0.26	4.8	0	--	--
Kansas	25	3.57	13.7	1,247	0.32	4.9	0	--	--
Minnesota	0	--	--	1,321	0.38	6.3	0	--	--
Missouri	74	3.42	7.4	2,780	0.23	4.6	0	--	--
Nebraska	0	--	--	1,019	0.30	5.2	0	--	--
North Dakota	0	--	--	68	0.35	4.7	1,774	0.88	10.4
South Dakota	0	--	--	13	0.36	5.4	0	--	--
South Atlantic	8,014	2.11	9.9	886	0.33	4.9	0	--	--
Delaware	0	2.08	7.6	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,734	2.21	8.5	0	--	--	0	--	--
Georgia	894	2.19	9.1	855	0.34	5.0	0	--	--
Maryland	692	2.26	9.3	31	0.20	4.2	0	--	--
North Carolina	1,003	1.67	10.1	0	--	--	0	--	--
South Carolina	1,025	1.62	9.6	0	--	--	0	--	--
Virginia	517	1.12	10.3	0	--	--	0	--	--
West Virginia	2,150	2.65	11.4	0	--	--	0	--	--
East South Central	4,782	2.56	9.2	1,590	0.26	4.9	264	0.47	14.1
Alabama	939	1.60	10.0	782	0.27	5.1	0	--	--
Kentucky	2,973	3.02	9.3	426	0.29	4.9	0	--	--
Mississippi	157	0.73	6.2	55	0.17	4.9	264	0.47	14.1
Tennessee	713	2.32	8.5	327	0.20	4.5	0	--	--
West South Central	59	1.67	24.9	6,813	0.28	5.0	3,481	1.01	16.6
Arkansas	6	0.76	9.2	1,001	0.24	5.1	0	--	--
Louisiana	0	--	--	443	0.29	5.0	306	0.57	15.0
Oklahoma	53	1.79	27.0	1,335	0.27	4.9	0	--	--
Texas	0	--	--	4,034	0.30	5.0	3,175	1.05	16.8
Mountain	2,650	0.61	14.0	5,862	0.54	9.6	0	--	--
Arizona	578	0.58	10.3	997	0.71	11.6	0	--	--
Colorado	253	0.46	9.1	1,357	0.32	5.5	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	767	0.71	10.4	0	--	--
Nevada	0	--	--	61	0.33	5.0	0	--	--
New Mexico	565	0.74	26.2	543	0.74	22.3	0	--	--
Utah	1,254	0.59	12.1	62	0.94	9.4	0	--	--
Wyoming	0	--	--	2,076	0.48	7.9	0	--	--
Pacific Contiguous	43	0.53	10.7	354	0.29	6.7	0	--	--
California	43	0.53	10.7	0	--	--	0	--	--
Oregon	0	--	--	165	0.24	4.3	0	--	--
Washington	0	--	--	189	0.34	8.7	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	24,153	2.40	10.3	30,681	0.33	5.9	5,520	0.94	14.5

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
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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 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilties by State, June 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	52	2.75	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	52	2.75	8.0	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	4,782	3.10	9.0	4,524	0.28	4.9	0	--	--
Illinois	184	3.42	10.2	262	0.21	4.6	0	--	--
Indiana	2,354	2.93	8.7	172	0.30	4.8	0	--	--
Michigan	220	1.88	8.3	2,675	0.30	4.9	0	--	--
Ohio	1,962	3.43	9.3	0	--	--	0	--	--
Wisconsin	61	2.61	7.8	1,415	0.25	5.1	0	--	--
West North Central	96	3.47	9.1	8,142	0.28	5.1	1,774	0.88	10.4
Iowa	0	--	--	1,694	0.26	4.8	0	--	--
Kansas	25	3.57	13.7	1,247	0.32	4.9	0	--	--
Minnesota	0	--	--	1,321	0.38	6.3	0	--	--
Missouri	71	3.43	7.4	2,780	0.23	4.6	0	--	--
Nebraska	0	--	--	1,019	0.30	5.2	0	--	--
North Dakota	0	--	--	68	0.35	4.7	1,774	0.88	10.4
South Dakota	0	--	--	13	0.36	5.4	0	--	--
South Atlantic	6,536	2.01	9.9	855	0.34	5.0	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,634	2.28	8.3	0	--	--	0	--	--
Georgia	883	2.20	9.1	855	0.34	5.0	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,003	1.67	10.1	0	--	--	0	--	--
South Carolina	1,008	1.64	9.6	0	--	--	0	--	--
Virginia	429	1.13	10.5	0	--	--	0	--	--
West Virginia	1,581	2.33	11.8	0	--	--	0	--	--
East South Central	4,629	2.61	9.3	1,590	0.26	4.9	0	--	--
Alabama	939	1.60	10.0	782	0.27	5.1	0	--	--
Kentucky	2,973	3.02	9.3	426	0.29	4.9	0	--	--
Mississippi	122	0.39	5.1	55	0.17	4.9	0	--	--
Tennessee	595	2.61	8.7	327	0.20	4.5	0	--	--
West South Central	0	--	--	4,381	0.26	5.0	850	0.97	17.9
Arkansas	0	--	--	854	0.24	5.0	0	--	--
Louisiana	0	--	--	114	0.21	4.5	306	0.57	15.0
Oklahoma	0	--	--	1,279	0.27	4.9	0	--	--
Texas	0	--	--	2,135	0.26	5.1	544	1.24	19.9
Mountain	2,606	0.61	14.1	5,035	0.52	9.5	0	--	--
Arizona	578	0.58	10.3	997	0.71	11.6	0	--	--
Colorado	253	0.46	9.1	1,357	0.32	5.5	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	565	0.74	26.2	543	0.74	22.3	0	--	--
Utah	1,210	0.60	12.1	62	0.94	9.4	0	--	--
Wyoming	0	--	--	2,076	0.48	7.9	0	--	--
Pacific Contiguous	0	--	--	165	0.24	4.3	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	165	0.24	4.3	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	18,702	2.27	10.0	24,692	0.33	5.9	2,624	0.91	12.8

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

Table 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, June 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	3	0.68	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	3	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	2,146	3.14	10.7	46	0.23	4.8	0	--	--
New Jersey	69	1.40	8.2	0	--	--	0	--	--
New York	11	2.65	7.7	46	0.23	4.8	0	--	--
Pennsylvania	2,066	3.20	10.8	0	--	--	0	--	--
East North Central	1,273	3.08	14.6	2,349	0.22	4.6	0	--	--
Illinois	553	3.66	23.8	2,334	0.22	4.6	0	--	--
Indiana	253	3.15	10.3	0	--	--	0	--	--
Michigan	51	1.13	6.4	0	--	--	0	--	--
Ohio	415	2.71	9.2	15	0.28	5.3	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	0	--	--	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	1,377	2.64	9.7	31	0.20	4.2	0	--	--
Delaware	0	2.08	7.6	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	101	1.00	11.2	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	669	2.27	9.0	31	0.20	4.2	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	69	0.83	9.5	0	--	--	0	--	--
West Virginia	538	3.63	10.3	0	--	--	0	--	--
East South Central	34	1.93	10.0	0	--	--	264	0.47	14.1
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	34	1.93	10.0	0	--	--	264	0.47	14.1
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	53	1.79	27.0	2,432	0.33	5.1	2,631	1.02	16.2
Arkansas	0	--	--	148	0.26	5.2	0	--	--
Louisiana	0	--	--	329	0.32	5.2	0	--	--
Oklahoma	53	1.79	27.0	56	0.27	4.8	0	--	--
Texas	0	--	--	1,899	0.33	5.0	2,631	1.02	16.2
Mountain	0	--	--	827	0.68	10.0	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	767	0.71	10.4	0	--	--
Nevada	0	--	--	61	0.33	5.0	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	189	0.34	8.7	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	189	0.34	8.7	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	4,886	2.95	11.4	5,875	0.33	5.7	2,896	0.98	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, June 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	7	2.08	9.2	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	7	2.08	9.2	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	2	3.01	8.6	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	2	3.01	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	9	2.30	9.1	0	--	--	0	--	--

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Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
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Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Sector by State, June 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	1	0.68	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	1	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	33	1.41	10.0	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	25	1.29	9.3	0	--	--	0	--	--
Pennsylvania	8	1.78	12.3	0	--	--	0	--	--
East North Central	156	3.00	8.3	51	0.36	5.5	0	--	--
Illinois	102	3.50	8.0	32	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	18	2.71	10.1	0	--	--	0	--	--
Wisconsin	36	1.82	8.3	19	0.27	5.4	0	--	--
West North Central	54	3.50	8.0	64	0.22	4.4	0	--	--
Iowa	54	3.50	8.0	64	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	101	1.41	12.0	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	12	1.33	10.2	0	--	--	0	--	--
Maryland	23	1.92	20.8	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	17	0.67	6.7	0	--	--	0	--	--
Virginia	19	2.04	8.2	0	--	--	0	--	--
West Virginia	31	1.10	12.6	0	--	--	0	--	--
East South Central	118	1.00	7.6	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	118	1.00	7.6	0	--	--	0	--	--
West South Central	6	0.76	9.2	0	--	--	0	--	--
Arkansas	6	0.76	9.2	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	44	0.38	10.2	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	44	0.38	10.2	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	43	0.53	10.7	0	--	--	0	--	--
California	43	0.53	10.7	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	556	1.77	9.2	115	0.28	4.9	0	--	--

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 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. Sales of Electricity to Ultimate Customers:
Total by End-Use Sector, 2005 - June 2015 (Thousand Megawatthours)

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	1,394,889	1,344,192	978,354	7,625	3,725,060
2014	1,402,911	1,357,505	955,488	7,776	3,723,681
Year 2013					
January	131,793	107,982	80,260	664	320,699
February	113,121	101,278	76,438	659	291,496
March	112,103	104,390	80,103	644	297,240
April	95,546	101,885	79,734	630	277,795
May	95,198	109,406	84,184	627	289,415
June	117,990	118,244	83,348	638	320,221
July	143,877	128,323	85,904	649	358,753
August	138,073	128,001	86,868	645	353,587
Sept	121,427	119,169	82,273	626	323,495
October	98,899	112,547	82,349	591	294,386
November	97,909	103,822	79,202	574	281,507
December	128,952	109,145	77,693	679	316,468
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
April	89,825	104,385	77,326	623	272,159
May	94,922	109,819	80,356	611	285,707
June	119,949	119,898	82,641	606	323,094
Year to Date					
2013	665,752	643,185	484,066	3,861	1,796,865
2014	693,668	658,271	467,768	3,981	1,823,688
2015	682,132	658,889	468,112	3,844	1,812,978
Rolling 12 Months Ending in June					
2014	1,422,805	1,359,278	962,055	7,744	3,751,883
2015	1,391,375	1,358,123	955,833	7,640	3,712,971

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. 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 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 Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2005 - June 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	169,109	138,228	66,908	805	375,049
2014	175,404	145,889	67,019	798	389,111
Year 2013					
January	15,092	10,550	5,203	70	30,916
February	13,157	10,190	5,078	70	28,495
March	13,011	10,457	5,303	66	28,837
April	11,392	10,146	5,226	65	26,829
May	11,812	11,216	5,641	66	28,735
June	14,797	12,639	5,971	69	33,476
July	18,204	13,791	6,320	71	38,386
August	17,286	13,716	6,326	69	37,397
Sept	15,186	12,583	5,873	68	33,710
October	12,219	11,607	5,587	62	29,475
November	11,839	10,465	5,226	60	27,591
December	15,113	10,867	5,153	69	31,201
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
April	11,351	10,777	5,068	61	27,257
May	12,291	11,466	5,344	59	29,160
June	15,510	13,027	5,767	62	34,366
Year to Date					
2013	79,262	65,199	32,423	405	177,288
2014	85,134	69,891	32,528	405	187,959
2015	85,347	69,355	31,578	395	186,675
Rolling 12 Months Ending in June					
2014	174,980	142,920	67,013	805	385,719
2015	175,617	145,353	66,069	789	387,828

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. 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 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 Price of Electricity to Ultimate Customers:
Total by End-Use Sector, 2005 - June 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	12.12	10.28	6.84	10.55	10.07
2014	12.50	10.75	7.01	10.27	10.45
Year 2013					
January	11.45	9.77	6.48	10.53	9.64
February	11.63	10.06	6.64	10.56	9.78
March	11.61	10.02	6.62	10.25	9.70
April	11.92	9.96	6.55	10.28	9.66
May	12.41	10.25	6.70	10.50	9.93
June	12.54	10.69	7.16	10.76	10.45
July	12.65	10.75	7.36	10.97	10.70
August	12.52	10.72	7.28	10.77	10.58
Sept	12.51	10.56	7.14	10.88	10.42
October	12.36	10.31	6.78	10.46	10.01
November	12.09	10.08	6.60	10.49	9.80
December	11.72	9.96	6.63	10.20	9.86
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
April	12.64	10.32	6.55	9.87	10.02
May	12.95	10.44	6.65	9.74	10.21
June	12.93	10.87	6.98	10.20	10.64
Year to Date					
2013	11.91	10.14	6.70	10.48	9.87
2014	12.27	10.62	6.95	10.17	10.31
2015	12.51	10.53	6.75	10.28	10.30
Rolling 12 Months Ending in June					
2014	12.30	10.51	6.97	10.39	10.28
2015	12.62	10.70	6.91	10.32	10.45

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. 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 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. Sales of Electricity to Ultimate Customers by End-Use Sector, by State, June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	3,521	3,410	4,512	4,412	1,599	1,536	41	42	9,673	9,400
Connecticut	944	905	1,107	1,081	311	295	12	12	2,375	2,293
Maine	353	315	345	318	288	293	0	0	986	925
Massachusetts	1,508	1,486	2,164	2,170	635	592	27	28	4,334	4,276
New Hampshire	333	312	402	359	173	164	0	0	907	835
Rhode Island	239	236	330	316	70	79	2	2	641	633
Vermont	145	155	165	169	120	114	0	0	430	438
Middle Atlantic	10,840	10,365	13,338	13,300	6,526	6,080	309	309	31,012	30,053
New Jersey	2,677	2,555	3,301	3,324	609	632	23	22	6,611	6,533
New York	3,998	3,900	6,425	6,320	1,887	1,501	220	221	12,530	11,941
Pennsylvania	4,165	3,911	3,612	3,655	4,030	3,947	65	66	11,872	11,579
East North Central	14,705	15,612	15,754	16,120	16,337	16,520	44	46	46,840	48,298
Illinois	3,780	4,089	4,292	4,367	3,536	3,608	40	42	11,648	12,106
Indiana	2,625	2,748	2,115	2,144	3,877	3,970	2	2	8,618	8,864
Michigan	2,537	2,833	3,314	3,373	2,637	2,698	0	0	8,488	8,904
Ohio	4,198	4,244	4,011	4,234	4,286	4,218	3	3	12,497	12,699
Wisconsin	1,565	1,698	2,023	2,000	2,001	2,027	0	0	5,588	5,726
West North Central	8,364	8,429	8,770	8,806	7,426	7,401	3	3	24,563	24,639
Iowa	1,048	1,095	997	1,052	1,871	1,759	0	0	3,916	3,907
Kansas	1,361	1,262	1,405	1,405	956	965	0	0	3,722	3,632
Minnesota	1,671	1,725	1,972	2,005	1,600	1,737	2	2	5,245	5,468
Missouri	2,942	2,981	2,730	2,731	1,351	1,382	1	1	7,024	7,095
Nebraska	736	761	813	798	884	891	0	0	2,433	2,450
North Dakota	290	289	464	435	541	444	0	0	1,294	1,169
South Dakota	317	315	390	379	223	224	0	0	929	918
South Atlantic	32,508	30,439	28,144	27,618	12,501	12,309	106	111	73,259	70,477
Delaware	398	341	384	381	165	209	0	0	946	931
District of Columbia	241	166	742	763	7	21	25	29	1,015	980
Florida	11,469	10,544	8,537	8,211	1,475	1,503	8	8	21,488	20,266
Georgia	5,296	5,065	4,261	4,186	2,776	2,732	14	13	12,348	11,995
Maryland	2,110	2,180	2,678	2,746	321	360	41	44	5,150	5,329
North Carolina	5,275	4,890	4,411	4,294	2,474	2,386	1	1	12,161	11,572
South Carolina	2,878	2,730	2,078	2,039	2,614	2,545	0	0	7,569	7,314
Virginia	3,981	3,687	4,356	4,298	1,571	1,512	16	16	9,925	9,513
West Virginia	861	835	697	699	1,099	1,042	0	0	2,658	2,577
East South Central	10,161	9,964	7,965	7,921	8,812	8,898	0	0	26,938	26,783
Alabama	2,990	2,851	2,080	2,049	2,998	2,992	0	0	8,068	7,891
Kentucky	2,201	2,208	1,672	1,681	2,569	2,611	0	0	6,442	6,500
Mississippi	1,569	1,546	1,221	1,222	1,381	1,391	0	0	4,171	4,159
Tennessee	3,401	3,360	2,992	2,969	1,864	1,904	0	0	8,257	8,233
West South Central	19,221	19,030	17,673	17,506	14,427	13,955	16	16	51,336	50,507
Arkansas	1,439	1,388	1,061	1,043	1,391	1,384	0	0	3,890	3,815
Louisiana	2,784	2,690	2,202	2,185	2,770	2,705	1	1	7,757	7,580
Oklahoma	2,205	2,102	1,968	1,848	1,460	1,444	0	0	5,633	5,394
Texas	12,793	12,851	12,442	12,431	8,806	8,422	15	15	34,056	33,719
Mountain	9,383	9,038	8,409	8,317	7,653	7,588	11	11	25,456	24,954
Arizona	3,759	3,692	2,765	2,841	1,252	1,175	1	0	7,776	7,708
Colorado	1,553	1,495	1,658	1,658	1,307	1,300	5	5	4,523	4,458
Idaho	647	551	541	500	1,127	1,234	0	0	2,316	2,285
Montana	335	314	414	391	391	351	0	0	1,140	1,056
Nevada	1,461	1,403	866	830	1,260	1,237	1	1	3,587	3,472
New Mexico	573	603	809	844	639	622	0	0	2,020	2,068
Utah	861	812	1,021	942	835	850	5	5	2,722	2,610
Wyoming	193	168	335	311	842	819	0	0	1,371	1,298
Pacific Contiguous	10,903	11,001	14,853	14,677	6,955	7,086	76	70	32,786	32,835
California	7,189	7,539	10,886	10,927	3,749	3,736	73	68	21,898	22,269
Oregon	1,371	1,192	1,439	1,315	1,103	1,052	2	2	3,916	3,561
Washington	2,343	2,270	2,527	2,436	2,102	2,298	0	0	6,973	7,006
Pacific Noncontiguous	344	343	480	475	406	410	0	0	1,230	1,228
Alaska	137	141	216	215	106	106	0	0	459	462
Hawaii	207	202	264	261	300	304	0	0	771	766
U.S. Total	119,949	117,630	119,898	119,153	82,641	81,784	606	608	323,094	319,174

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

Table 5.4.B. Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 2015 and 2014 (Thousand Megawatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	23,817	23,879	25,964	25,880	9,028	8,911	288	313	59,097	58,981
Connecticut	6,552	6,531	6,364	6,328	1,626	1,648	87	104	14,629	14,611
Maine	2,354	2,368	1,928	1,928	1,731	1,622	0	0	6,012	5,918
Massachusetts	10,006	10,069	12,658	12,633	3,630	3,549	186	194	26,480	26,444
New Hampshire	2,325	2,321	2,225	2,212	949	957	0	0	5,498	5,490
Rhode Island	1,503	1,500	1,798	1,781	398	454	15	15	3,714	3,749
Vermont	1,078	1,089	991	998	695	682	0	0	2,764	2,770
Middle Atlantic	67,356	66,714	77,844	77,403	35,674	36,069	1,964	2,045	182,837	182,230
New Jersey	13,880	13,272	18,953	18,710	3,566	3,671	154	162	36,553	35,815
New York	24,625	24,671	37,130	37,028	8,599	8,550	1,431	1,468	71,785	71,718
Pennsylvania	28,850	28,770	21,762	21,665	23,509	23,848	378	415	74,500	74,697
East North Central	91,896	96,026	90,497	90,598	94,562	95,618	310	350	277,264	282,592
Illinois	21,796	23,128	24,763	25,127	21,016	21,366	273	312	67,848	69,932
Indiana	16,736	17,443	11,916	11,937	22,599	22,940	11	11	51,262	52,331
Michigan	16,287	16,982	18,950	18,579	15,079	15,632	2	3	50,318	51,196
Ohio	26,719	27,321	23,325	23,316	24,231	24,094	24	25	74,299	74,755
Wisconsin	10,357	11,152	11,544	11,639	11,636	11,586	0	0	33,537	34,377
West North Central	50,428	54,108	49,832	50,638	43,342	42,653	24	24	143,626	147,422
Iowa	6,779	7,381	5,910	6,220	10,413	9,950	0	0	23,102	23,551
Kansas	6,301	6,593	7,463	7,525	5,577	5,461	0	0	19,340	19,579
Minnesota	10,687	11,560	11,459	11,672	10,213	10,264	13	11	32,372	33,506
Missouri	17,087	18,087	15,008	15,178	7,784	7,973	11	12	39,890	41,251
Nebraska	4,668	5,090	4,586	4,671	4,799	4,942	0	0	14,053	14,702
North Dakota	2,566	2,850	3,054	2,999	3,270	2,776	0	0	8,890	8,625
South Dakota	2,341	2,548	2,353	2,373	1,285	1,287	0	0	5,979	6,208
South Atlantic	177,342	175,254	150,677	148,944	70,841	69,559	658	675	399,518	394,431
Delaware	2,420	2,391	1,997	2,076	1,246	1,125	0	0	5,662	5,592
District of Columbia	1,173	1,048	4,076	4,212	165	118	153	160	5,567	5,538
Florida	56,568	54,272	45,101	44,229	8,297	8,326	47	47	110,014	106,874
Georgia	27,749	27,906	22,747	22,575	15,789	15,592	86	80	66,371	66,153
Maryland	14,312	14,307	14,890	14,827	1,853	1,869	264	282	31,318	31,284
North Carolina	29,416	29,538	23,275	23,121	13,538	13,252	5	4	66,233	65,915
South Carolina	14,985	15,272	10,549	10,568	14,566	14,385	0	0	40,099	40,225
Virginia	24,332	23,981	24,084	23,384	8,746	8,669	102	99	57,264	56,133
West Virginia	6,387	6,539	3,959	3,951	6,642	6,224	2	2	16,990	16,716
East South Central	60,219	61,606	42,874	43,115	51,240	51,259	0	1	154,334	155,981
Alabama	15,952	16,180	10,933	10,955	16,979	17,134	0	0	43,863	44,269
Kentucky	13,860	14,237	9,214	9,354	15,227	15,088	0	0	38,301	38,678
Mississippi	8,919	9,229	6,470	6,494	8,010	8,285	0	0	23,399	24,008
Tennessee	21,489	21,960	16,258	16,313	11,025	10,752	0	1	48,771	49,026
West South Central	99,954	101,091	92,772	91,807	80,116	81,044	91	91	272,933	274,032
Arkansas	8,960	9,249	5,677	5,659	7,674	8,062	0	NM	22,312	22,970
Louisiana	14,685	14,946	11,742	11,624	15,600	15,417	6	5	42,033	41,992
Oklahoma	10,821	11,266	9,601	9,541	8,356	8,192	0	0	28,779	28,999
Texas	65,488	65,631	65,751	64,982	48,486	49,373	85	85	179,810	180,071
Mountain	42,893	43,464	44,772	45,041	40,916	40,287	66	66	128,647	128,859
Arizona	14,021	14,042	13,750	14,163	6,891	6,486	3	0	34,666	34,691
Colorado	8,635	8,671	9,630	9,598	7,422	7,318	32	32	25,719	25,619
Idaho	3,959	4,101	3,020	2,982	4,203	4,337	0	0	11,181	11,420
Montana	2,470	2,637	2,444	2,454	2,102	2,005	0	0	7,017	7,095
Nevada	5,234	5,211	4,377	4,257	6,774	6,593	4	4	16,389	16,064
New Mexico	3,109	3,172	4,225	4,313	3,586	3,563	0	0	10,920	11,048
Utah	4,060	4,145	5,327	5,265	4,815	4,931	28	31	14,230	14,372
Wyoming	1,405	1,486	1,998	2,009	5,122	5,055	0	0	8,525	8,550
Pacific Contiguous	65,999	69,239	80,752	81,912	40,012	39,929	443	417	187,206	191,497
California	39,000	40,070	58,198	59,175	21,113	20,495	429	402	118,739	120,142
Oregon	9,169	9,677	7,854	7,868	5,981	5,767	12	12	23,016	23,323
Washington	17,830	19,492	14,700	14,870	12,918	13,667	2	3	45,450	48,032
Pacific Noncontiguous	2,229	2,288	2,906	2,934	2,382	2,439	0	0	7,516	7,661
Alaska	1,043	1,062	1,398	1,399	656	675	0	0	3,097	3,136
Hawaii	1,185	1,226	1,508	1,534	1,726	1,764	0	0	4,419	4,525
U.S. Total	682,132	693,668	658,889	658,271	468,112	467,768	3,844	3,981	1,812,978	1,823,688

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Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

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

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	694	601	673	633	189	178	4	NM	1,560	1,415
Connecticut	213	183	176	166	40	38	1	1	429	387
Maine	56	49	43	39	24	23	0	0	123	110
Massachusetts	294	247	325	310	83	77	2	NM	705	636
New Hampshire	62	56	59	51	21	19	0	0	142	126
Rhode Island	44	39	46	42	9	9	0	0	99	90
Vermont	25	28	24	25	12	12	0	0	62	65
Middle Atlantic	1,792	1,766	1,819	1,834	470	449	37	39	4,118	4,088
New Jersey	440	406	458	451	67	72	2	3	967	932
New York	752	815	1,012	1,036	115	93	30	31	1,908	1,975
Pennsylvania	600	545	350	347	288	284	5	5	1,242	1,181
East North Central	1,931	2,039	1,581	1,623	1,142	1,165	3	2	4,657	4,830
Illinois	474	478	379	386	216	229	3	2	1,072	1,095
Indiana	300	316	204	208	260	274	0	0	764	798
Michigan	372	424	359	380	195	216	0	0	925	1,021
Ohio	547	574	406	420	306	285	0	0	1,259	1,279
Wisconsin	238	248	234	228	165	161	0	0	637	637
West North Central	1,065	1,042	892	874	555	520	0	0	2,512	2,436
Iowa	141	135	102	97	131	101	0	0	374	332
Kansas	173	158	145	144	72	74	0	0	390	376
Minnesota	218	221	205	206	123	127	0	0	547	555
Missouri	373	371	284	279	98	101	0	0	756	751
Nebraska	89	87	77	73	68	65	0	0	233	225
North Dakota	34	33	44	41	47	35	0	0	124	109
South Dakota	37	36	35	35	16	16	0	0	88	87
South Atlantic	3,896	3,689	2,667	2,695	799	858	8	9	7,370	7,252
Delaware	56	48	40	40	15	18	0	0	111	106
District of Columbia	31	22	92	92	1	2	3	NM	125	119
Florida	1,343	1,274	817	816	123	124	1	1	2,284	2,215
Georgia	650	635	407	443	132	191	0	1	1,189	1,271
Maryland	309	300	294	308	27	32	4	4	634	642
North Carolina	586	557	384	382	163	161	0	0	1,132	1,100
South Carolina	360	340	216	210	161	164	0	0	737	714
Virginia	470	433	358	349	108	105	1	1	937	888
West Virginia	90	80	60	55	69	62	0	0	219	197
East South Central	1,120	1,114	826	837	570	608	0	0	2,516	2,559
Alabama	359	338	232	226	206	208	0	0	797	772
Kentucky	221	231	152	159	139	157	0	0	512	546
Mississippi	185	181	133	133	98	103	0	0	415	416
Tennessee	355	365	309	320	127	141	0	0	791	826
West South Central	2,151	2,188	1,415	1,468	803	880	1	1	4,370	4,537
Arkansas	149	141	91	87	90	86	0	0	330	314
Louisiana	258	270	183	203	145	177	0	0	586	649
Oklahoma	227	219	158	157	83	87	0	0	468	463
Texas	1,517	1,558	982	1,021	486	531	1	1	2,986	3,111
Mountain	1,163	1,115	861	856	536	547	1	1	2,561	2,519
Arizona	479	459	315	304	85	83	0	0	879	846
Colorado	193	196	160	186	94	104	1	1	448	486
Idaho	65	57	44	40	85	90	0	0	195	188
Montana	39	33	43	38	22	19	0	0	104	90
Nevada	192	180	81	78	92	95	0	0	365	353
New Mexico	75	79	89	92	44	45	0	0	209	216
Utah	98	91	97	89	57	58	0	1	252	239
Wyoming	22	19	31	29	56	54	0	0	109	102
Pacific Contiguous	1,607	1,606	2,183	2,129	617	626	6	6	4,413	4,367
California	1,237	1,278	1,851	1,828	454	471	6	6	3,548	3,583
Oregon	150	128	127	115	69	64	0	0	347	307
Washington	220	200	205	186	94	92	0	0	519	477
Pacific Noncontiguous	92	107	110	130	87	112	0	0	289	349
Alaska	29	29	39	38	17	18	0	0	85	85
Hawaii	63	78	71	92	70	94	0	0	204	264
U.S. Total	15,510	15,266	13,027	13,079	5,767	5,944	62	63	34,366	34,353

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
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Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	4,852	4,237	4,173	3,880	1,122	1,088	34	28	10,180	9,232
Connecticut	1,441	1,271	1,065	1,002	218	219	9	12	2,732	2,504
Maine	375	356	264	255	164	162	0	0	803	773
Massachusetts	2,114	1,745	2,048	1,880	487	458	22	NM	4,671	4,096
New Hampshire	450	403	348	328	123	119	0	0	921	850
Rhode Island	290	272	305	268	59	60	3	2	656	602
Vermont	182	191	143	146	70	70	0	0	396	408
Middle Atlantic	10,703	10,941	10,182	10,698	2,686	2,904	233	250	23,804	24,793
New Jersey	2,185	2,078	2,448	2,539	396	454	16	18	5,045	5,089
New York	4,650	5,064	5,624	6,001	565	576	187	199	11,025	11,841
Pennsylvania	3,869	3,799	2,110	2,158	1,725	1,873	30	33	7,734	7,864
East North Central	11,607	11,666	8,907	8,897	6,456	6,618	22	20	26,992	27,202
Illinois	2,687	2,528	2,193	2,187	1,325	1,366	19	17	6,223	6,098
Indiana	1,851	1,917	1,148	1,161	1,517	1,561	1	1	4,517	4,639
Michigan	2,278	2,440	1,988	2,028	1,069	1,216	0	0	5,336	5,685
Ohio	3,312	3,254	2,312	2,262	1,649	1,597	2	2	7,275	7,115
Wisconsin	1,479	1,527	1,266	1,259	897	879	0	0	3,642	3,665
West North Central	5,572	5,827	4,503	4,551	2,899	2,818	2	2	12,975	13,198
Iowa	774	811	518	531	595	560	0	0	1,887	1,902
Kansas	770	782	745	742	411	402	0	0	1,926	1,925
Minnesota	1,285	1,376	1,076	1,120	712	725	1	1	3,075	3,222
Missouri	1,777	1,847	1,293	1,301	460	476	1	1	3,531	3,625
Nebraska	478	500	401	398	355	356	0	0	1,234	1,255
North Dakota	240	254	263	253	272	209	0	0	776	715
South Dakota	248	258	206	205	93	90	0	0	547	553
South Atlantic	20,620	20,340	14,398	14,531	4,581	4,685	55	58	39,653	39,614
Delaware	330	309	213	229	106	102	0	0	649	640
District of Columbia	154	137	504	531	14	10	15	16	687	693
Florida	6,655	6,456	4,408	4,408	689	670	4	4	11,757	11,538
Georgia	3,093	3,191	2,200	2,351	868	1,007	4	5	6,165	6,553
Maryland	1,945	1,949	1,663	1,711	167	181	23	24	3,798	3,865
North Carolina	3,259	3,264	2,003	2,035	851	850	0	0	6,113	6,149
South Carolina	1,844	1,856	1,066	1,075	867	905	0	0	3,777	3,836
Virginia	2,726	2,571	2,009	1,873	617	589	9	8	5,361	5,041
West Virginia	613	607	332	318	402	372	0	0	1,347	1,297
East South Central	6,432	6,574	4,409	4,479	3,006	3,176	0	0	13,848	14,229
Alabama	1,862	1,850	1,202	1,188	1,022	1,051	0	0	4,086	4,089
Kentucky	1,368	1,423	851	877	801	875	0	0	3,019	3,174
Mississippi	1,023	1,033	709	705	527	550	0	0	2,259	2,287
Tennessee	2,179	2,268	1,647	1,709	657	700	0	0	4,484	4,678
West South Central	10,978	10,986	7,394	7,562	4,465	4,829	5	5	22,843	23,381
Arkansas	848	844	459	446	452	465	0	NM	1,759	1,755
Louisiana	1,332	1,399	1,018	1,074	842	938	0	1	3,192	3,412
Oklahoma	1,066	1,095	705	745	435	452	0	0	2,206	2,292
Texas	7,732	7,647	5,212	5,297	2,736	2,974	5	4	15,685	15,922
Mountain	5,047	4,992	4,334	4,290	2,629	2,603	7	7	12,016	11,891
Arizona	1,693	1,664	1,410	1,397	432	426	0	0	3,535	3,488
Colorado	1,024	1,044	933	970	520	531	3	3	2,480	2,548
Idaho	393	387	238	228	276	270	0	0	907	885
Montana	268	265	253	232	110	109	0	0	631	605
Nevada	694	671	421	404	424	414	0	0	1,539	1,490
New Mexico	387	377	437	432	227	230	0	0	1,052	1,039
Utah	436	432	461	449	293	291	3	3	1,192	1,175
Wyoming	151	151	181	177	348	332	0	0	680	661
Pacific Contiguous	8,961	8,904	10,390	10,230	3,226	3,160	37	35	22,615	22,329
California	6,442	6,206	8,513	8,355	2,303	2,234	36	34	17,294	16,829
Oregon	970	998	697	694	359	347	1	1	2,026	2,041
Washington	1,550	1,699	1,181	1,181	564	579	0	0	3,295	3,460
Pacific Noncontiguous	575	667	666	773	508	648	0	0	1,749	2,088
Alaska	207	202	246	238	97	105	0	0	550	545
Hawaii	369	465	420	535	411	542	0	0	1,199	1,543
U.S. Total	85,347	85,134	69,355	69,891	31,578	32,528	395	405	186,675	187,959

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Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	19.71	17.64	14.92	14.34	11.79	11.57	9.80	NM	16.13	15.06
Connecticut	22.52	20.19	15.86	15.37	12.79	12.71	10.81	10.38	18.08	16.90
Maine	15.84	15.43	12.54	12.15	8.30	7.87	--	--	12.48	11.91
Massachusetts	19.52	16.62	15.03	14.29	13.04	13.02	8.67	NM	16.26	14.88
New Hampshire	18.72	18.01	14.59	14.22	12.17	11.56	--	--	15.64	15.12
Rhode Island	18.32	16.48	14.03	13.20	12.29	11.87	17.78	14.15	15.45	14.26
Vermont	17.39	18.09	14.75	14.90	10.16	10.38	--	--	14.35	14.85
Middle Atlantic	16.53	17.03	13.64	13.79	7.20	7.39	12.10	12.80	13.28	13.60
New Jersey	16.43	15.89	13.87	13.58	11.08	11.40	9.91	12.66	14.63	14.27
New York	18.81	20.89	15.75	16.39	6.07	6.20	13.69	14.24	15.23	16.54
Pennsylvania	14.40	13.94	9.68	9.50	7.14	7.20	7.52	7.99	10.46	10.20
East North Central	13.13	13.06	10.04	10.07	6.99	7.05	7.52	5.09	9.94	10.00
Illinois	12.54	11.68	8.84	8.85	6.11	6.35	7.32	4.71	9.21	9.04
Indiana	11.44	11.49	9.62	9.71	6.70	6.89	9.92	9.77	8.86	9.00
Michigan	14.66	14.98	10.82	11.26	7.39	8.02	11.08	--	10.90	11.46
Ohio	13.03	13.53	10.12	9.92	7.14	6.76	8.52	8.32	10.07	10.07
Wisconsin	15.21	14.58	11.57	11.42	8.25	7.94	--	--	11.40	11.13
West North Central	12.73	12.36	10.17	9.92	7.47	7.02	10.77	10.93	10.23	9.88
Iowa	13.44	12.29	10.20	9.19	7.02	5.75	--	--	9.55	8.51
Kansas	12.72	12.56	10.32	10.22	7.53	7.65	--	--	10.48	10.35
Minnesota	13.06	12.83	10.38	10.29	7.71	7.33	10.11	10.77	10.42	10.15
Missouri	12.69	12.44	10.41	10.23	7.24	7.30	11.61	11.16	10.76	10.59
Nebraska	12.05	11.49	9.47	9.10	7.64	7.33	--	--	9.59	9.20
North Dakota	11.61	11.29	9.51	9.35	8.60	7.95	--	--	9.60	9.30
South Dakota	11.62	11.55	8.98	9.11	7.38	7.11	--	--	9.50	9.46
South Atlantic	11.98	12.12	9.48	9.76	6.39	6.97	7.96	8.53	10.06	10.29
Delaware	14.02	14.11	10.47	10.47	9.18	8.52	--	--	11.74	11.37
District of Columbia	12.68	13.29	12.33	12.06	11.44	7.51	9.91	NM	12.35	12.10
Florida	11.71	12.08	9.57	9.94	8.35	8.28	8.59	9.25	10.63	10.93
Georgia	12.28	12.54	9.54	10.59	4.77	7.00	1.80	7.04	9.63	10.59
Maryland	14.66	13.74	10.98	11.20	8.49	8.79	8.71	8.08	12.31	12.05
North Carolina	11.11	11.39	8.69	8.91	6.57	6.73	7.88	7.87	9.31	9.51
South Carolina	12.52	12.46	10.41	10.31	6.15	6.43	--	--	9.74	9.76
Virginia	11.81	11.74	8.22	8.12	6.85	6.92	8.21	8.31	9.45	9.33
West Virginia	10.47	9.56	8.60	7.85	6.31	5.98	6.97	7.50	8.26	7.65
East South Central	11.03	11.18	10.37	10.57	6.47	6.83	8.46	13.85	9.34	9.56
Alabama	12.01	11.85	11.15	11.02	6.89	6.95	--	--	9.88	9.78
Kentucky	10.06	10.44	9.10	9.43	5.39	6.00	--	--	7.95	8.40
Mississippi	11.78	11.70	10.86	10.86	7.10	7.37	--	--	9.96	10.01
Tennessee	10.44	10.85	10.34	10.78	6.81	7.40	8.46	13.85	9.58	10.03
West South Central	11.19	11.50	8.00	8.39	5.57	6.31	5.56	5.34	8.51	8.98
Arkansas	10.36	10.14	8.59	8.38	6.45	6.18	10.05	11.01	8.48	8.22
Louisiana	9.27	10.03	8.33	9.27	5.23	6.54	8.90	9.09	7.56	8.57
Oklahoma	10.29	10.42	8.02	8.50	5.67	6.03	--	--	8.30	8.59
Texas	11.86	12.12	7.90	8.22	5.51	6.30	5.34	5.08	8.77	9.23
Mountain	12.39	12.34	10.24	10.29	7.00	7.21	10.29	10.78	10.06	10.10
Arizona	12.74	12.43	11.38	10.69	6.83	7.09	9.96	--	11.30	10.98
Colorado	12.46	13.13	9.67	11.19	7.21	7.99	10.67	11.40	9.91	10.91
Idaho	10.04	10.44	8.21	8.06	7.56	7.27	--	--	8.41	8.21
Montana	11.57	10.68	10.40	9.62	5.56	5.31	--	--	9.08	8.50
Nevada	13.13	12.83	9.38	9.44	7.29	7.64	9.39	9.20	10.17	10.17
New Mexico	13.13	13.09	11.02	10.94	6.93	7.24	--	--	10.32	10.46
Utah	11.34	11.21	9.49	9.48	6.84	6.81	10.06	10.44	9.26	9.15
Wyoming	11.39	11.21	9.35	9.16	6.64	6.64	--	--	7.98	7.84
Pacific Contiguous	14.74	14.60	14.70	14.50	8.88	8.84	8.26	8.82	13.46	13.30
California	17.21	16.95	17.00	16.73	12.10	12.61	8.24	8.81	16.20	16.09
Oregon	10.94	10.75	8.84	8.74	6.27	6.05	9.25	9.36	8.85	8.62
Washington	9.38	8.79	8.10	7.65	4.49	3.98	8.40	7.87	7.44	6.82
Pacific Noncontiguous	26.68	31.12	22.95	27.36	21.46	27.37	--	--	23.50	28.41
Alaska	21.06	20.32	17.98	17.79	16.41	17.00	--	--	18.54	18.38
Hawaii	30.39	38.66	27.02	35.25	23.25	30.99	--	--	26.46	34.46
U.S. Total	12.93	12.98	10.87	10.98	6.98	7.27	10.20	10.45	10.64	10.76

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

Table 5.6.B. Average Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 2015 and 2014 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD	June 2015 YTD	June 2014 YTD
New England	20.37	17.74	16.07	14.99	12.43	12.21	11.82	8.81	17.23	15.65
Connecticut	21.99	19.46	16.73	15.83	13.38	13.29	10.80	11.81	18.68	17.14
Maine	15.94	15.02	13.69	13.21	9.49	10.01	--	--	13.36	13.06
Massachusetts	21.13	17.33	16.18	14.88	13.43	12.89	11.82	NM	17.64	15.49
New Hampshire	19.37	17.35	15.62	14.85	13.02	12.46	--	--	16.75	15.49
Rhode Island	19.28	18.13	16.96	15.04	14.82	13.20	17.89	14.55	17.67	16.05
Vermont	16.90	17.55	14.47	14.66	10.12	10.30	--	--	14.32	14.72
Middle Atlantic	15.89	16.40	13.08	13.82	7.53	8.05	11.87	12.22	13.02	13.61
New Jersey	15.74	15.66	12.92	13.57	11.11	12.37	10.34	10.82	13.80	14.21
New York	18.88	20.53	15.15	16.21	6.57	6.74	13.07	13.57	15.36	16.51
Pennsylvania	13.41	13.21	9.70	9.96	7.34	7.85	7.98	7.98	10.38	10.53
East North Central	12.63	12.15	9.84	9.82	6.83	6.92	7.09	5.85	9.74	9.63
Illinois	12.33	10.93	8.85	8.70	6.30	6.39	6.85	5.50	9.17	8.72
Indiana	11.06	10.99	9.64	9.72	6.71	6.80	10.11	10.00	8.81	8.87
Michigan	13.99	14.37	10.49	10.91	7.09	7.78	11.37	13.50	10.60	11.10
Ohio	12.40	11.91	9.91	9.70	6.81	6.63	8.00	7.50	9.79	9.52
Wisconsin	14.28	13.69	10.96	10.82	7.70	7.58	--	--	10.86	10.66
West North Central	11.05	10.77	9.04	8.99	6.69	6.61	8.46	8.14	9.03	8.95
Iowa	11.42	10.99	8.76	8.54	5.72	5.63	--	--	8.17	8.08
Kansas	12.22	11.85	9.99	9.86	7.37	7.36	--	--	9.96	9.83
Minnesota	12.03	11.90	9.39	9.60	6.97	7.07	9.41	9.87	9.50	9.62
Missouri	10.40	10.21	8.62	8.57	5.91	5.97	7.36	6.57	8.85	8.79
Nebraska	10.24	9.82	8.74	8.53	7.40	7.21	--	--	8.78	8.53
North Dakota	9.37	8.90	8.63	8.43	8.32	7.51	--	--	8.73	8.29
South Dakota	10.59	10.12	8.77	8.64	7.20	7.00	--	--	9.15	8.91
South Atlantic	11.63	11.61	9.56	9.76	6.47	6.74	8.37	8.60	9.93	10.04
Delaware	13.63	12.93	10.67	11.05	8.53	9.03	--	--	11.46	11.45
District of Columbia	13.14	13.03	12.35	12.60	8.70	8.46	9.68	9.81	12.34	12.51
Florida	11.77	11.90	9.77	9.97	8.31	8.04	8.95	9.22	10.69	10.80
Georgia	11.15	11.43	9.67	10.41	5.49	6.46	4.53	6.02	9.29	9.91
Maryland	13.59	13.63	11.17	11.54	9.01	9.67	8.76	8.70	12.13	12.36
North Carolina	11.08	11.05	8.61	8.80	6.28	6.42	7.88	8.00	9.23	9.33
South Carolina	12.31	12.15	10.10	10.18	5.95	6.29	--	--	9.42	9.54
Virginia	11.21	10.72	8.34	8.01	7.05	6.80	8.37	8.15	9.36	8.98
West Virginia	9.60	9.29	8.38	8.05	6.05	5.98	8.74	9.61	7.93	7.76
East South Central	10.68	10.67	10.28	10.39	5.87	6.20	8.34	13.61	8.97	9.12
Alabama	11.67	11.43	10.99	10.85	6.02	6.13	--	--	9.31	9.24
Kentucky	9.87	9.99	9.23	9.37	5.26	5.80	--	--	7.88	8.21
Mississippi	11.48	11.19	10.96	10.85	6.58	6.63	--	--	9.65	9.53
Tennessee	10.14	10.33	10.13	10.48	5.96	6.51	8.34	13.61	9.19	9.54
West South Central	10.98	10.87	7.97	8.24	5.57	5.96	5.55	5.38	8.37	8.53
Arkansas	9.46	9.13	8.09	7.88	5.89	5.77	10.83	NM	7.88	7.64
Louisiana	9.07	9.36	8.67	9.24	5.40	6.08	8.47	9.51	7.60	8.13
Oklahoma	9.85	9.72	7.34	7.81	5.21	5.51	--	--	7.67	7.90
Texas	11.81	11.65	7.93	8.15	5.64	6.02	5.34	5.10	8.72	8.84
Mountain	11.77	11.48	9.68	9.52	6.43	6.46	9.98	10.36	9.34	9.23
Arizona	12.07	11.85	10.25	9.86	6.27	6.57	8.63	--	10.20	10.05
Colorado	11.86	12.04	9.69	10.10	7.01	7.26	10.19	10.87	9.64	9.95
Idaho	9.94	9.44	7.87	7.65	6.56	6.21	--	--	8.11	7.75
Montana	10.86	10.04	10.35	9.46	5.22	5.42	--	--	8.99	8.53
Nevada	13.26	12.88	9.62	9.50	6.25	6.28	8.92	8.66	9.39	9.28
New Mexico	12.46	11.87	10.35	10.02	6.34	6.46	--	--	9.64	9.41
Utah	10.73	10.42	8.65	8.53	6.08	5.90	10.04	10.05	8.38	8.18
Wyoming	10.73	10.19	9.08	8.81	6.79	6.57	--	--	7.98	7.73
Pacific Contiguous	13.58	12.86	12.87	12.49	8.06	7.91	8.39	8.48	12.08	11.66
California	16.52	15.49	14.63	14.12	10.91	10.90	8.37	8.46	14.56	14.01
Oregon	10.57	10.32	8.88	8.82	6.00	6.02	9.19	9.16	8.80	8.75
Washington	8.69	8.72	8.03	7.94	4.36	4.24	8.67	8.49	7.25	7.20
Pacific Noncontiguous	25.81	29.16	22.92	26.36	21.33	26.55	--	--	23.27	27.26
Alaska	19.79	19.00	17.62	17.02	14.81	15.58	--	--	17.76	17.38
Hawaii	31.12	37.96	27.83	34.88	23.80	30.75	--	--	27.14	34.10
U.S. Total	12.51	12.27	10.53	10.62	6.75	6.95	10.28	10.17	10.30	10.31

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

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

	As of End of May 2015	Activity During June 2015 as Reported to EIA		As of End of June 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)	66,252.4	269.7	93.4	66,428.7	176.3	1,578.6	5,651.0	625.7	6,961.2	0.0	25.3	625.7	6,935.9	67,054.4	73,364.6
..... *Solar Photovoltaic*	*9,311.2*	*303.5*	*56.0*	*9,558.7*	*247.5*	*1,190.0*	*3,079.2*	*227.8*	*4,075.8*	*0.0*	*0.0*	*227.8*	*4,075.8*	*9,786.5*	*13,634.5*
..... *Solar Thermal without Energy Storage*	*1,371.3*	*0.0*	*0.0*	*1,371.3*	*0.0*	*8.8*	*255.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*1,371.3*	*1,371.3*
..... *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	10,977.9	303.5	56.0	11,225.4	247.5	1,198.8	3,334.5	227.8	4,191.8	0.0	0.0	227.8	4,191.8	11,453.2	15,417.2
..... Conventional Hydroelectric	79,370.9	450.0	18.8	79,802.1	431.2	569.5	473.9	10.7	510.3	0.0	115.4	10.7	394.9	79,812.8	80,197.0
..... *Wood/Wood Waste Biomass*	*8,381.6*	*53.0*	*41.5*	*8,393.1*	*11.5*	*62.8*	*102.3*	*0.0*	*134.3*	*0.0*	*23.0*	*0.0*	*111.3*	*8,393.1*	*8,504.4*
..... *Landfill Gas*	*2,128.2*	*6.2*	*14.0*	*2,120.4*	*-7.8*	*51.3*	*100.4*	*0.0*	*41.6*	*0.0*	*10.0*	*0.0*	*31.6*	*2,120.4*	*2,152.0*
..... *Municipal Solid Waste*	*2,230.1*	*0.0*	*1.5*	*2,228.6*	*-1.5*	*-2.1*	*0.9*	*85.0*	*85.0*	*0.0*	*0.0*	*85.0*	*85.0*	*2,313.6*	*2,313.6*
..... *Other Waste Biomass*	*823.0*	*11.0*	*0.0*	*834.0*	*11.0*	*17.0*	*21.8*	*2.8*	*29.6*	*0.0*	*0.6*	*2.8*	*29.0*	*836.8*	*863.0*
..... Biomass Sources Subtotal	13,562.9	70.2	57.0	13,576.1	13.2	129.0	225.4	87.8	290.5	0.0	33.6	87.8	256.9	13,663.9	13,833.0
..... Geothermal	2,555.1	0.6	11.4	2,544.3	-10.8	-62.7	-62.7	0.0	1.8	0.0	0.0	0.0	1.8	2,544.3	2,546.1
... Renewable Sources Subtotal	***172,719.2***	***1,094.0***	***236.6***	***173,576.6***	***857.4***	***3,413.2***	***9,622.1***	***952.0***	***11,955.6***	***0.0***	***174.3***	***952.0***	***11,781.3***	***174,528.6***	***185,357.9***
..... *Natural Gas Fired Combined Cycle*	*230,119.5*	*1,174.3*	*289.9*	*231,003.9*	*884.4*	*1,452.9*	*6,911.1*	*693.0*	*8,096.7*	*0.0*	*0.0*	*693.0*	*8,096.7*	*231,696.9*	*239,100.6*
..... *Natural Gas Fired Combustion Turbine*	*125,064.6*	*506.5*	*985.0*	*124,586.1*	*-478.5*	*-64.4*	*13.6*	*76.2*	*2,027.5*	*0.0*	*208.7*	*76.2*	*1,818.8*	*124,662.3*	*126,404.9*
..... *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*	*79,231.4*	*623.8*	*521.8*	*79,333.4*	*102.0*	*1,518.8*	*1,569.2*	*1.2*	*630.0*	*152.9*	*1,249.3*	*-151.7*	*-619.3*	*79,181.7*	*78,714.1*
..... Natural Gas Subtotal	434,525.5	2,304.6	1,796.7	435,033.4	507.9	2,907.3	8,493.9	770.4	10,754.2	152.9	1,458.0	617.5	9,296.2	435,650.9	444,329.6
..... *Conventional Steam Coal*	*290,309.8*	*156.2*	*2,498.3*	*287,967.7*	*-2,342.1*	*-11,226.0*	*-13,550.8*	*0.0*	*51.2*	*1,539.0*	*8,873.4*	*-1,539.0*	*-8,822.2*	*286,428.7*	*279,145.5*
..... *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	291,100.8	156.2	2,498.3	288,758.7	-2,342.1	-11,226.0	-13,550.8	0.0	51.2	1,539.0	8,873.4	-1,539.0	-8,822.2	287,219.7	279,936.5
..... Petroleum Coke	2,238.7	0.0	48.5	2,190.2	-48.5	-129.5	-146.5	0.0	0.0	0.0	0.0	0.0	0.0	2,190.2	2,190.2
..... Petroleum Liquids	38,687.8	276.3	673.3	38,290.8	-397.0	-2,186.9	-2,165.6	0.0	12.1	0.7	86.5	-0.7	-74.4	38,290.1	38,216.4
..... Other Gases	1,914.3	30.4	30.4	1,914.3	0.0	-153.5	-193.5	0.0	0.0	0.0	3.2	0.0	-3.2	1,914.3	1,911.1
... Fossil Fuels Subtotal	***768,467.1***	***2,767.5***	***5,047.2***	***766,187.4***	***-2,279.7***	***-10,788.6***	***-7,562.5***	***770.4***	***10,817.5***	***1,692.6***	***10,421.1***	***-922.2***	***396.4***	***765,265.2***	***766,583.8***
..... Hydroelectric Pumped Storage	22,552.0	6.1	0.0	22,558.1	6.1	146.8	146.8	0.0	152.0	0.0	0.0	0.0	152.0	22,558.1	22,710.1
..... 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	152.6	1.5	0.0	154.1	1.5	4.5	4.5	0.0	81.1	0.0	0.0	0.0	81.1	154.1	235.2
... Energy Storage Subtotal	***22,747.6***	***7.6***	***0.0***	***22,755.2***	***7.6***	***151.3***	***151.3***	***0.0***	***233.1***	***0.0***	***0.0***	***0.0***	***233.1***	***22,755.2***	***22,988.3***
... Nuclear	***98,634.0***	***175.3***	***101.2***	***98,708.1***	***74.1***	***87.2***	***-517.1***	***0.0***	***1,122.0***	***0.0***	***0.0***	***0.0***	***1,122.0***	***98,708.1***	***99,830.1***
... All Other	***2,602.9***	***65.7***	***7.5***	***2,661.1***	***58.2***	***553.0***	***542.7***	***0.0***	***16.0***	***0.0***	***1.0***	***0.0***	***15.0***	***2,661.1***	***2,676.1***
TOTAL	**1,065,170.8**	**4,110.1**	**5,392.5**	**1,063,888.4**	**-1,282.4**	**-6,583.9**	**2,236.5**	**1,722.4**	**24,144.2**	**1,692.6**	**10,596.4**	**29.8**	**13,547.8**	**1,063,918.2**	**1,077,436.2**

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, June 2015 and 2014 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	4,596.2	4,464.8	22,830.6	22,974.0	1,775.4	1,775.4	3.0	3.0	4,046.3	4,630.3	106.5	52.9	33,358.0	33,900.4
Connecticut	336.6	331.6	6,312.7	6,274.5	29.4	29.4	0.0	0.0	2,122.5	2,102.5	30.9	30.9	8,832.1	8,768.9
Maine	1,795.4	1,809.6	2,645.0	2,663.3	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,462.4	4,494.9
Massachusetts	928.5	811.6	9,746.9	9,940.2	1,746.0	1,746.0	3.0	3.0	677.6	677.3	53.6	0.0	13,155.6	13,178.1
New Hampshire	935.4	930.5	2,266.7	2,236.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,448.3	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	10,575.9	10,092.0	67,505.2	68,972.2	3,409.1	3,341.0	40.0	40.0	19,321.4	19,234.3	11.2	11.2	100,862.8	101,690.7
New Jersey	670.3	588.9	12,503.4	13,615.1	420.0	420.0	0.0	0.0	4,110.1	4,107.5	11.2	11.2	17,715.0	18,742.7
New York	7,046.0	6,649.2	26,490.5	26,428.0	1,406.1	1,400.0	20.0	20.0	5,431.5	5,421.0	0.0	0.0	40,394.1	39,918.2
Pennsylvania	2,859.6	2,853.9	28,511.3	28,929.1	1,583.0	1,521.0	20.0	20.0	9,779.8	9,705.8	0.0	0.0	42,753.7	43,029.8
East North Central	9,804.1	9,244.4	117,317.3	121,870.5	1,945.0	1,872.0	25.5	24.0	18,873.3	18,838.1	111.0	109.1	148,076.2	151,958.1
Illinois	3,815.9	3,718.2	30,012.3	29,654.6	0.0	0.0	1.5	0.0	11,564.1	11,577.5	1.0	0.0	45,394.8	44,950.3
Indiana	1,967.0	1,731.4	24,455.0	25,396.6	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	26,510.0	27,216.0
Michigan	2,146.7	1,985.1	22,252.1	22,318.6	1,945.0	1,872.0	0.0	0.0	3,982.0	3,929.1	0.9	0.0	30,326.7	30,104.8
Ohio	717.0	705.4	25,975.2	29,472.1	0.0	0.0	24.0	24.0	2,134.0	2,134.0	0.0	0.0	28,850.2	32,335.5
Wisconsin	1,157.5	1,104.3	14,622.7	15,028.6	0.0	0.0	0.0	0.0	1,193.2	1,197.5	21.1	21.1	16,994.5	17,351.5
West North Central	19,156.3	18,467.8	61,815.5	62,158.0	657.0	657.0	2.0	1.0	5,806.0	5,888.0	44.5	24.5	87,481.3	87,196.3
Iowa	5,761.0	5,212.3	10,044.6	10,124.3	0.0	0.0	0.0	0.0	601.4	601.4	20.0	0.0	16,427.0	15,938.0
Kansas	2,991.9	2,990.9	9,943.9	10,104.3	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.8	0.8	14,111.6	14,271.0
Minnesota	3,272.4	3,517.5	10,244.0	10,625.3	0.0	0.0	1.0	1.0	1,594.0	1,673.0	18.4	18.4	15,129.8	15,835.2
Missouri	1,053.6	1,049.2	18,916.9	18,859.1	657.0	657.0	1.0	0.0	1,193.0	1,194.0	0.0	0.0	21,821.5	21,759.3
Nebraska	1,105.4	1,030.4	6,384.4	6,384.9	0.0	0.0	0.0	0.0	1,242.6	1,244.6	0.0	0.0	8,732.4	8,659.9
North Dakota	2,484.0	2,279.0	4,591.4	4,361.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	7,080.7	6,645.7
South Dakota	2,488.0	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	4,178.3	4,087.2
South Atlantic	12,962.0	12,418.5	159,808.6	161,924.5	7,905.2	7,905.2	32.0	32.0	24,559.1	24,562.6	970.7	930.0	206,237.6	207,772.8
Delaware	45.0	38.3	3,351.4	3,042.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,396.4	3,080.7
District of Columbia	6.6	0.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	9.0
Florida	1,319.3	1,302.4	53,706.1	54,337.5	0.0	0.0	0.0	0.0	3,572.0	3,572.0	776.7	780.0	59,374.1	59,991.9
Georgia	2,888.4	2,813.6	27,454.1	29,473.5	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	44.0	0.0	36,309.7	38,210.3
Maryland	958.7	910.3	9,693.2	9,627.2	0.0	0.0	0.0	0.0	1,707.8	1,716.0	0.0	0.0	12,359.7	12,253.5
North Carolina	3,328.3	2,950.9	22,009.4	21,939.5	86.0	86.0	0.0	0.0	5,094.1	5,076.1	54.0	54.0	30,571.8	30,106.5
South Carolina	1,779.5	1,769.5	11,772.3	11,974.9	2,716.0	2,716.0	0.0	0.0	6,556.2	6,556.2	0.0	0.0	22,824.0	23,016.6
Virginia	1,750.2	1,747.5	17,057.2	16,162.0	3,241.0	3,241.0	0.0	0.0	3,568.0	3,581.3	96.0	96.0	25,712.4	24,827.8
West Virginia	886.0	886.0	14,755.9	15,358.5	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	15,673.9	16,276.5
East South Central	7,956.3	7,929.2	69,337.0	70,261.2	1,616.3	1,616.3	0.0	0.0	9,875.6	9,857.5	159.7	151.4	88,944.9	89,815.6
Alabama	3,886.9	3,889.6	22,793.0	23,361.1	0.0	0.0	0.0	0.0	5,066.4	5,043.4	0.0	0.0	31,746.3	32,294.1
Kentucky	905.6	903.4	19,202.2	20,102.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20,107.8	21,005.6
Mississippi	274.7	278.2	14,247.4	13,699.3	0.0	0.0	0.0	0.0	1,408.5	1,413.4	159.7	151.4	16,090.3	15,542.3
Tennessee	2,889.1	2,858.0	13,094.4	13,098.6	1,616.3	1,616.3	0.0	0.0	3,400.7	3,400.7	0.0	0.0	21,000.5	20,973.6
West South Central	23,897.9	19,931.8	147,908.0	144,647.2	288.0	288.0	36.0	36.0	8,912.4	8,904.4	513.2	425.9	181,555.5	174,233.3
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	642.1	642.9	23,605.8	23,257.3	0.0	0.0	0.0	0.0	2,132.8	2,125.4	275.8	202.3	26,656.5	26,227.9
Oklahoma	4,869.3	4,076.3	19,234.1	18,963.9	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	24,363.4	23,300.2
Texas	16,754.5	13,580.0	93,797.6	91,119.7	0.0	0.0	36.0	36.0	4,960.0	4,960.0	237.4	223.6	115,785.5	109,919.3
Mountain	20,923.1	20,126.6	63,932.2	64,522.7	778.8	778.8	2.6	2.6	3,937.0	3,937.0	111.4	111.4	89,685.1	89,479.1
Arizona	4,406.6	4,274.5	19,674.4	19,599.1	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,234.3	28,026.9
Colorado	3,398.8	3,130.0	10,986.2	11,070.2	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,956.8	14,772.0
Idaho	3,776.1	3,775.1	1,152.9	1,137.4	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	4,943.8	4,927.3
Montana	3,397.8	3,393.2	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	6,348.9
Nevada	2,386.4	2,040.5	8,258.7	8,684.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,645.1	10,725.1
New Mexico	1,173.0	1,131.7	6,914.8	6,881.1	0.0	0.0	2.6	2.6	0.0	0.0	0.0	0.0	8,090.4	8,015.4
Utah	670.0	666.0	7,454.4	7,629.3	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	8,156.2	8,327.1
Wyoming	1,714.4	1,715.6	6,732.1	6,609.3	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,458.0	8,336.4
Pacific Contiguous	62,644.4	60,253.4	51,596.6	52,427.0	4,183.3	4,177.6	8.0	6.0	3,377.0	3,373.0	566.3	275.4	122,375.6	120,512.4
California	25,830.8	23,742.3	43,000.0	43,998.7	3,869.3	3,863.6	8.0	6.0	2,240.0	2,240.0	453.6	218.6	75,401.7	74,069.2
Oregon	12,040.0	12,029.5	3,859.6	3,635.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,899.6	15,664.9
Washington	24,773.6	24,481.6	4,737.0	4,792.9	314.0	314.0	0.0	0.0	1,137.0	1,133.0	112.7	56.8	31,074.3	30,778.3
Pacific Noncontiguous	1,060.4	1,026.0	4,136.4	3,992.6	0.0	0.0	48.0	48.0	0.0	0.0	66.6	26.6	5,311.4	5,093.2
Alaska	507.5	482.6	2,064.4	1,920.6	0.0	0.0	27.0	27.0	0.0	0.0	40.0	0.0	2,638.9	2,430.2
Hawaii	552.9	543.4	2,072.0	2,072.0	0.0	0.0	21.0	21.0	0.0	0.0	26.6	26.6	2,672.5	2,663.0
U.S. Total	173,576.6	163,954.5	766,187.4	773,749.9	22,558.1	22,411.3	197.1	192.6	98,708.1	99,225.2	2,661.1	2,118.4	1,063,888.4	1,061,651.9

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, June 2015 and 2014 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	808.2	800.9	346.7	216.5	0.0	0.0	1,965.8	1,952.6	1,475.5	1,494.8	0.0	0.0	4,596.2	4,464.8
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	631.8	652.3	0.0	0.0	1,795.4	1,809.6
Massachusetts	82.6	76.1	299.6	192.4	0.0	0.0	263.0	263.0	283.3	280.1	0.0	0.0	928.5	811.6
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	521.3	514.4	243.1	245.1	0.0	0.0	935.4	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	514.4	438.3	0.0	0.0	5,618.8	5,226.8	1,344.2	1,344.7	0.0	0.0	10,575.9	10,092.0
New Jersey	7.6	7.5	420.6	351.3	0.0	0.0	12.3	3.3	229.8	226.8	0.0	0.0	670.3	588.9
New York	1,747.0	1,730.8	51.7	46.2	0.0	0.0	4,713.1	4,332.3	534.2	539.9	0.0	0.0	7,046.0	6,649.2
Pennsylvania	1,343.9	1,343.9	42.1	40.8	0.0	0.0	893.4	891.2	580.2	578.0	0.0	0.0	2,859.6	2,853.9
East North Central	7,480.4	7,033.4	162.6	132.8	0.0	0.0	918.2	920.3	1,242.9	1,157.9	0.0	0.0	9,804.1	9,244.4
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	92.1	69.1	0.0	0.0	60.4	60.4	74.8	62.2	0.0	0.0	1,967.0	1,731.4
Michigan	1,360.1	1,215.9	0.0	0.0	0.0	0.0	333.1	331.4	453.5	437.8	0.0	0.0	2,146.7	1,985.1
Ohio	424.1	424.1	37.6	32.1	0.0	0.0	101.9	101.9	153.4	147.3	0.0	0.0	717.0	705.4
Wisconsin	331.7	328.6	1.0	0.0	0.0	0.0	388.7	392.5	436.1	383.2	0.0	0.0	1,157.5	1,104.3
West North Central	15,327.0	14,654.7	13.2	9.4	0.0	0.0	3,300.8	3,292.2	515.3	511.5	0.0	0.0	19,156.3	18,467.8
Iowa	5,595.7	5,047.0	0.0	0.0	0.0	0.0	144.9	144.9	20.4	20.4	0.0	0.0	5,761.0	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	2,637.8	2,893.7	1.7	1.7	0.0	0.0	195.0	184.2	437.9	437.9	0.0	0.0	3,272.4	3,517.5
Missouri	458.5	458.5	10.5	7.7	0.0	0.0	568.1	570.3	16.5	12.7	0.0	0.0	1,053.6	1,049.2
Nebraska	811.9	736.9	0.0	0.0	0.0	0.0	277.8	277.8	15.7	15.7	0.0	0.0	1,105.4	1,030.4
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	890.0	790.5	0.0	0.0	0.0	0.0	1,598.0	1,598.0	0.0	0.0	0.0	0.0	2,488.0	2,388.5
South Atlantic	745.3	705.3	980.5	604.6	0.0	0.0	7,198.0	7,193.2	4,038.2	3,915.4	0.0	0.0	12,962.0	12,418.5
Delaware	2.0	2.0	30.8	28.3	0.0	0.0	0.0	0.0	12.2	8.0	0.0	0.0	45.0	38.3
District of Columbia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	6.6	0.0
Florida	0.0	0.0	72.9	66.4	0.0	0.0	54.5	54.5	1,191.9	1,181.5	0.0	0.0	1,319.3	1,302.4
Georgia	0.0	0.0	68.6	61.1	0.0	0.0	2,047.6	2,044.9	772.2	707.6	0.0	0.0	2,888.4	2,813.6
Maryland	160.0	120.0	63.6	55.2	0.0	0.0	590.0	590.0	145.1	145.1	0.0	0.0	958.7	910.3
North Carolina	0.0	0.0	742.1	391.1	0.0	0.0	1,999.1	1,997.0	587.1	562.8	0.0	0.0	3,328.3	2,950.9
South Carolina	0.0	0.0	2.5	2.5	0.0	0.0	1,340.3	1,340.3	436.7	426.7	0.0	0.0	1,779.5	1,769.5
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	866.0	866.0	884.2	881.5	0.0	0.0	1,750.2	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	6,724.9	6,721.4	1,157.1	1,165.1	0.0	0.0	7,956.3	7,929.2
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,271.0	3,272.2	615.9	617.4	0.0	0.0	3,886.9	3,889.6
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	835.3	833.1	70.3	70.3	0.0	0.0	905.6	903.4
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	19,311.8	15,466.3	215.9	130.3	0.0	0.0	3,043.6	3,054.2	1,326.6	1,281.0	0.0	0.0	23,897.9	19,931.8
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	450.1	450.9	0.0	0.0	642.1	642.9
Oklahoma	3,929.9	3,132.9	0.0	0.0	0.0	0.0	863.2	867.2	76.2	76.2	0.0	0.0	4,869.3	4,076.3
Texas	15,381.9	12,333.4	215.9	130.3	0.0	0.0	664.8	670.8	491.9	445.5	0.0	0.0	16,754.5	13,580.0
Mountain	7,096.8	6,815.2	2,195.0	1,713.0	363.9	363.9	10,560.8	10,562.8	178.2	184.8	528.4	486.9	20,923.1	20,126.6
Arizona	237.3	237.3	1,118.3	982.9	295.4	295.4	2,720.9	2,720.4	34.7	38.5	0.0	0.0	4,406.6	4,274.5
Colorado	2,566.1	2,302.9	129.0	120.2	0.0	0.0	676.3	679.5	27.4	27.4	0.0	0.0	3,398.8	3,130.0
Idaho	962.7	962.7	0.0	0.0	0.0	0.0	2,707.7	2,708.1	95.7	94.3	10.0	10.0	3,776.1	3,775.1
Montana	636.7	632.1	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	3,393.2
Nevada	150.0	150.0	669.5	365.1	68.5	68.5	1,051.4	1,051.4	3.2	3.2	443.8	402.3	2,386.4	2,040.5
New Mexico	812.3	797.3	274.0	243.5	0.0	0.0	82.9	82.9	2.2	6.4	1.6	1.6	1,173.0	1,131.7
Utah	324.4	324.4	4.2	1.3	0.0	0.0	256.4	255.3	12.0	12.0	73.0	73.0	670.0	666.0
Wyoming	1,407.3	1,408.5	0.0	0.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	1,714.4	1,715.6
Pacific Contiguous	12,266.0	11,925.0	5,053.0	3,200.8	1,302.8	1,047.5	40,005.7	39,964.1	2,044.0	2,038.9	1,972.9	2,077.1	62,644.4	60,253.4
California	6,035.5	5,957.8	5,038.6	3,187.6	1,302.8	1,047.5	10,175.9	10,175.4	1,322.8	1,314.6	1,955.2	2,059.4	25,830.8	23,742.3
Oregon	3,157.4	3,160.9	13.9	12.7	0.0	0.0	8,519.8	8,517.1	331.2	321.1	17.7	17.7	12,040.0	12,029.5
Washington	3,073.1	2,806.3	0.5	0.5	0.0	0.0	21,310.0	21,271.6	390.0	403.2	0.0	0.0	24,773.6	24,481.6
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	66,428.7	60,777.7	9,558.7	6,479.5	1,666.7	1,411.4	79,802.1	79,328.2	13,576.1	13,350.7	2,544.3	2,607.0	173,576.6	163,954.5

Values are preliminary.

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of existing or planned capacity for some technologies such as solar 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, June 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	
	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014	June 2015	June 2014
New England	11,718.4	11,720.9	1,110.1	1,111.3	19.1	886.3	2,089.3	2,232.9	0.0	0.0	6,954.8	7,022.6	0.0	0.0	22,830.6	22,974.0
Connecticut	2,504.6	2,504.6	482.2	482.2	19.1	77.3	383.4	383.4	0.0	0.0	2,879.0	2,827.0	0.0	0.0	6,312.7	6,274.5
Maine	1,250.0	1,250.0	297.2	297.2	0.0	119.0	85.0	85.0	0.0	0.0	893.8	912.1	0.0	0.0	2,645.0	2,663.3
Massachusetts	5,000.6	5,033.1	326.9	328.1	0.0	679.6	1,087.0	1,230.6	0.0	0.0	2,567.3	2,668.8	0.0	0.0	9,746.9	9,940.2
New Hampshire	1,231.0	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	2,266.7	2,236.7
Rhode Island	1,732.2	1,732.2	0.0	0.0	0.0	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	23,360.4	22,426.7	7,731.6	8,791.8	0.0	10,148.3	18,443.5	18,982.8	11.6	11.6	6,790.7	8,510.6	100.4	100.4	67,505.2	68,972.2
New Jersey	6,637.2	5,852.0	3,004.5	4,093.8	0.0	670.4	1,870.0	1,875.8	11.6	11.6	467.5	1,111.5	0.0	0.0	12,503.4	13,615.1
New York	8,250.0	8,236.0	3,048.1	3,017.0	0.0	7,679.3	2,490.1	2,507.3	0.0	0.0	3,943.5	4,988.4	0.0	0.0	26,490.5	26,428.0
Pennsylvania	8,473.2	8,338.7	1,679.0	1,681.0	0.0	1,798.6	14,083.4	14,599.7	0.0	0.0	2,379.7	2,410.7	100.4	100.4	28,511.3	28,929.1
East North Central	16,954.6	16,267.1	25,652.9	25,677.7	0.0	3,514.7	67,067.4	71,988.7	521.6	570.1	2,734.8	2,910.9	934.7	941.3	117,317.3	121,870.5
Illinois	3,543.0	2,957.7	10,183.3	10,169.6	0.0	228.0	15,254.1	15,498.4	0.0	0.0	682.2	683.2	117.7	117.7	30,012.3	29,654.6
Indiana	2,480.2	2,471.2	3,142.6	3,119.6	0.0	8.7	17,609.0	18,648.2	274.0	274.0	273.3	268.4	599.9	606.5	24,455.0	25,396.6
Michigan	4,291.6	4,210.1	3,543.8	3,590.4	0.0	3,007.1	10,999.0	10,946.5	47.2	47.2	525.0	517.3	0.0	0.0	22,252.1	22,318.6
Ohio	3,974.6	3,965.2	5,427.7	5,426.7	0.0	131.4	15,425.5	18,744.8	142.0	142.0	656.9	844.9	217.1	217.1	25,975.2	29,472.1
Wisconsin	2,665.2	2,662.9	3,355.5	3,371.4	0.0	139.5	7,779.8	8,150.8	58.4	106.9	597.4	597.1	0.0	0.0	14,622.7	15,028.6
West North Central	5,731.8	5,730.6	11,522.5	11,364.4	0.0	3,230.2	36,936.0	37,679.0	32.0	32.0	4,084.3	4,113.4	8.4	8.4	61,815.5	62,158.0
Iowa	1,111.0	1,112.8	1,104.4	1,105.6	0.0	299.1	6,240.0	6,562.3	32.0	32.0	1,008.9	1,012.5	0.0	0.0	10,044.6	10,124.3
Kansas	0.0	0.0	2,324.8	2,350.7	0.0	2,023.2	5,047.1	5,188.1	0.0	0.0	538.0	542.3	0.0	0.0	9,943.9	10,104.3
Minnesota	2,158.2	2,158.2	2,538.4	2,580.4	0.0	257.2	4,478.0	4,822.3	0.0	0.0	798.0	807.2	0.0	0.0	10,244.0	10,625.3
Missouri	1,830.0	1,830.0	3,379.4	3,320.9	0.0	230.8	12,337.6	12,332.4	0.0	0.0	1,139.1	1,145.0	0.0	0.0	18,916.9	18,859.1
Nebraska	342.6	339.6	1,152.9	1,152.2	0.0	407.3	4,167.9	4,170.5	0.0	0.0	313.7	315.3	0.0	0.0	6,384.4	6,384.9
North Dakota	0.0	0.0	328.0	160.0	0.0	0.0	4,190.4	4,128.4	0.0	0.0	64.6	64.6	8.4	8.4	4,591.4	4,361.4
South Dakota	290.0	290.0	694.6	694.6	0.0	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	47,570.6	46,216.5	31,986.0	31,702.8	31.6	4,661.8	60,004.2	64,264.1	669.8	669.8	14,032.6	14,144.5	135.0	265.0	159,808.6	161,924.5
Delaware	1,505.0	1,196.0	311.0	181.0	30.0	876.0	410.0	410.0	0.0	0.0	114.4	114.4	135.0	265.0	3,351.4	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	25,879.9	8,405.0	8,405.4	0.0	2,647.3	10,085.0	10,117.0	586.0	586.0	6,689.9	6,701.9	0.0	0.0	53,706.1	54,337.5
Georgia	7,961.8	7,921.8	7,823.4	7,799.1	0.0	155.0	9,764.4	12,412.1	83.8	83.8	998.7	1,101.7	0.0	0.0	27,454.1	29,473.5
Maryland	250.0	250.0	1,580.9	1,479.9	1.6	325.8	4,722.0	4,757.0	0.0	0.0	2,814.5	2,814.5	0.0	0.0	9,693.2	9,627.2
North Carolina	4,744.5	4,706.6	6,035.7	6,035.7	0.0	0.0	10,826.8	10,794.8	0.0	0.0	402.4	402.4	0.0	0.0	22,009.4	21,939.5
South Carolina	2,409.0	2,416.0	2,855.6	2,841.2	0.0	110.8	5,575.5	5,945.5	0.0	0.0	661.4	661.4	0.0	0.0	11,772.3	11,974.9
Virginia	5,318.4	3,846.2	3,894.1	3,877.6	0.0	546.9	4,946.9	5,554.1	0.0	0.0	2,340.3	2,337.2	0.0	0.0	17,057.2	16,162.0
West Virginia	0.0	0.0	1,071.3	1,073.9	0.0	0.0	13,673.6	14,273.6	0.0	0.0	11.0	11.0	0.0	0.0	14,755.9	15,358.5
East South Central	18,864.1	17,642.3	12,887.5	12,829.5	110.0	2,725.5	34,590.7	36,759.0	0.0	0.0	150.8	205.1	99.8	99.8	69,337.0	70,261.2
Alabama	9,391.3	9,373.1	2,530.6	2,530.6	110.0	178.3	10,539.4	11,136.7	0.0	0.0	42.6	42.6	99.8	99.8	22,793.0	23,361.1
Kentucky	642.0	0.0	4,870.6	4,812.6	0.0	0.0	13,677.7	15,219.7	0.0	0.0	11.9	69.9	0.0	0.0	19,202.2	20,102.2
Mississippi	7,427.8	6,866.2	1,716.9	1,716.9	0.0	2,547.2	2,526.0	2,526.0	0.0	0.0	43.1	43.0	0.0	0.0	14,247.4	13,699.3
Tennessee	1,403.0	1,403.0	3,769.4	3,769.4	0.0	0.0	7,847.6	7,876.6	0.0	0.0	53.2	49.6	0.0	0.0	13,094.4	13,098.6
West South Central	59,489.0	56,071.5	12,774.8	12,299.6	6.0	36,756.5	37,929.9	37,956.7	903.2	984.2	185.4	198.8	330.8	379.9	147,908.0	144,647.2
Arkansas	4,597.3	4,630.5	725.8	727.6	0.0	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	7,548.1	7,053.4	2,649.8	2,640.4	6.0	9,068.5	3,418.6	3,437.8	892.6	973.6	49.1	49.3	25.2	34.3	23,605.8	23,257.3
Oklahoma	7,216.1	7,097.5	1,316.7	1,189.9	0.0	5,297.0	5,257.3	5,305.1	0.0	0.0	74.4	74.4	0.0	0.0	19,234.1	18,963.9
Texas	40,127.5	37,290.1	8,082.5	7,741.7	0.0	21,577.3	24,129.5	24,091.5	10.6	10.6	49.7	62.9	305.6	345.6	93,797.6	91,119.7
Mountain	21,919.4	21,802.5	8,921.5	8,876.0	6.0	3,392.0	29,368.0	29,978.0	52.0	52.0	370.8	327.3	87.1	94.9	63,932.2	64,522.7
Arizona	9,868.7	9,806.4	2,367.6	2,367.6	0.0	1,177.6	6,170.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	19,674.4	19,599.1
Colorado	2,651.7	2,731.7	2,535.3	2,539.3	0.0	349.0	5,281.8	5,281.8	0.0	0.0	168.4	168.4	0.0	0.0	10,986.2	11,070.2
Idaho	568.5	567.5	557.5	543.0	0.0	4.3	17.2	17.2	0.0	0.0	5.4	5.4	0.0	0.0	1,152.9	1,137.4
Montana	0.0	0.0	362.1	362.1	0.0	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	5,418.6	5,410.5	1,385.6	1,385.6	0.0	587.1	997.4	1,295.4	0.0	0.0	6.0	6.0	0.0	0.0	8,258.7	8,684.6
New Mexico	1,487.9	1,456.4	1,039.6	1,041.6	0.0	888.7	3,471.0	3,471.0	0.0	0.0	66.9	23.4	0.0	0.0	6,914.8	6,881.1
Utah	1,830.0	1,830.0	520.2	520.2	6.0	325.3	4,754.0	4,926.0	0.0	0.0	27.8	27.8	0.0	0.0	7,454.4	7,629.3
Wyoming	94.0	0.0	153.6	116.6	0.0	6.0	6,387.5	6,387.5	0.0	0.0	5.8	5.8	85.6	93.4	6,732.1	6,609.3
Pacific Contiguous	24,830.4	25,609.5	11,471.4	11,399.2	35.6	12,545.1	2,043.6	2,177.8	0.0	17.0	410.7	466.7	211.7	211.7	51,596.6	52,427.0
California	19,200.8	19,924.0	10,696.4	10,624.2	35.6	12,517.5	118.6	252.8	0.0	17.0	395.5	451.5	211.7	211.7	43,000.0	43,998.7
Oregon	2,916.6	2,916.6	133.8	133.8	0.0	0.0	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	3,859.6	3,635.4
Washington	2,713.0	2,768.9	641.2	641.2	0.0	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	4,737.0	4,792.9
Pacific Noncontiguous	565.2	605.2	527.8	520.2	0.0	13.8	286.1	290.5	0.0	0.0	2,575.9	2,556.5	6.4	6.4	4,136.4	3,992.6
Alaska	565.2	605.2	527.8	520.2	0.0	13.8	106.1	110.5	0.0	0.0	690.3	670.9	0.0	0.0	2,064.4	1,920.6
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,885.6	1,885.6	6.4	6.4	2,072.0	2,072.0
U.S. Total	231,003.9	224,092.8	124,586.1	124,572.5	208.3	77,874.2	288,758.7	302,309.5	2,190.2	2,336.7	38,290.8	40,456.4	1,914.3	2,107.8	766,187.4	773,749.9

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	58871	Citizens Enterprises Corporation	IPP	Chicopee Granby Road Solar	MA	59626	PV1	1.6	Solar Photovoltaic	SUN	PV
2015	1	58871	Citizens Enterprises Corporation	IPP	Chicopee River Solar	MA	59625	PV1	2.0	Solar Photovoltaic	SUN	PV
2015	1	58871	Citizens Enterprises Corporation	IPP	Twiss Street Solar	MA	59624	PV1	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 Asset Management	Electric Utility	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	Natural Gas Internal Combustion Engine	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	59454	Solscient Energy, LLC	Industrial	GM Lordstown Assembly Solar Array	OH	59683	12345	1.7	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 Asset Management	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	Natural Gas Internal Combustion Engine	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS08	16.5	Natural Gas Internal Combustion Engine	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS09	16.5	Natural Gas Internal Combustion Engine	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS10	16.5	Natural Gas Internal Combustion Engine	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

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	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
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	Natural Gas Internal Combustion Engine	NG	IC
2015	3	59298	Vega Solar, LLC	IPP	Vega Solar	CA	59555	VEGA1	20.0	Solar Photovoltaic	SUN	PV
2015	4	59359	BHE Renewables, LLC	IPP	TX Jumbo Road Wind	TX	59621	JRWND	299.7	Onshore Wind Turbine	WND	WT
2015	4	59503	Capital Dynamics	IPP	Green Pastures Wind I	TX	59732	GPI	150.0	Onshore Wind Turbine	WND	WT
2015	4	19454	City of Unalaska - (AK)	Electric Utility	Dutch Harbor	AK	7502	12	3.7	Petroleum Liquids	DFO	IC
2015	4	58519	Clean Energy Collective LLC	IPP	Sunnyside Ranch Community Solar Array	CO	59742	HCE	2.0	Solar Photovoltaic	SUN	PV
2015	4	59346	Colton Solar Two, LLC	IPP	Colton Solar Two, LLC	CA	59598	CS002	1.0	Solar Photovoltaic	SUN	PV
2015	4	59289	Everetts Wildcat Solar, LLC	IPP	Everetts Wildcat Solar, LLC	NC	59549	EVER1	5.0	Solar Photovoltaic	SUN	PV
2015	4	56615	First Solar Asset Management	IPP	Lost Hills	CA	58711	BLKW	12.0	Solar Photovoltaic	SUN	PV
2015	4	56615	First Solar Asset Management	IPP	Lost Hills	CA	58711	LTHL	20.0	Solar Photovoltaic	SUN	PV
2015	4	59284	Kona Solar, LLC	IPP	Rancho Cucamonga Dist #1	CA	59540	2	1.8	Solar Photovoltaic	SUN	PV
2015	4	59119	Los Vientos Windpower III, LLC	IPP	Los Vientos Windpower III	TX	59320	GEN1	2.0	Onshore Wind Turbine	WND	WT
2015	4	58863	Main Street Power	IPP	Arizona Western College PV	AZ	57765	SOLEG	1.0	Solar Photovoltaic	SUN	PV
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS01	16.5	Natural Gas Internal Combustion Engine	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS02	16.5	Natural Gas Internal Combustion Engine	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS03	16.5	Natural Gas Internal Combustion Engine	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS04	16.5	Natural Gas Internal Combustion Engine	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS05	16.5	Natural Gas Internal Combustion Engine	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS06	16.5	Natural Gas Internal Combustion Engine	NG	IC
2015	4	59600	Mohave Sunrise Solar I, LLC	IPP	Mohave Electric at Fort Mohave	AZ	59819	PV1	4.4	Solar Photovoltaic	SUN	PV
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
2015	4	5624	RED-Rochester, LLC	Industrial	RED-Rochester, LLC	NY	10025	75TG	2.2	Conventional Steam Coal	BIT	ST
2015	4	59529	Robeson County Landfill	Commercial	Robeson County LFG to Energy	NC	59763	GEN02	1.0	Landfill Gas	LFG	IC
2015	4	59352	Soul City Solar	IPP	Soul City Solar	NC	59606	FLS1	3.5	Solar Photovoltaic	SUN	PV
2015	4	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	2	165.0	Onshore Wind Turbine	WND	WT
2015	4	59131	Sumitomo Corporation of the Americas	IPP	Mesquite Creek Wind	TX	59332	MSCRK	211.2	Onshore Wind Turbine	WND	WT
2015	4	59455	Venable Solar, LLC	IPP	Venable Solar 1	CA	58289	VNPV	1.5	Solar Photovoltaic	SUN	PV
2015	4	59455	Venable Solar, LLC	IPP	Venable Solar 2	CA	58290	VSPV	1.5	Solar Photovoltaic	SUN	PV
2015	4	59156	Wapsie Valley Creamery	Industrial	Wapsie Valley Creamery Back Up Generator	IA	59379	1	1.1	Petroleum Liquids	DFO	IC
2015	4	20542	Weyerhaeuser Co	Industrial	Flint River Operations	GA	50465	GEN2	25.0	Wood/Wood Waste Biomass	WDS	ST
2015	4	58919	Yanceyville Farm 2 LLC	IPP	Yanceyville Farm 2 LLC	NC	59113	1	5.0	Solar Photovoltaic	SUN	PV
2015	5	59236	Alamo Solar, LLC	IPP	Alamo Solar	CA	59469	ALAMO	18.7	Solar Photovoltaic	SUN	PV
2015	5	221	Alaska Village Elec Coop, Inc	Electric Utility	St. Michael	AK	57061	4	0.7	Petroleum Liquids	JF	IC
2015	5	59050	Algonquin Power Co	IPP	Algonquin SKIC20 Solar LLC	CA	59412	SKI20	20.0	Solar Photovoltaic	SUN	PV
2015	5	57369	Apple, Inc	Commercial	Ft. Churchill PV	NV	59472	NVC7	19.9	Solar Photovoltaic	SUN	PV
2015	5	57421	BayWa r.e Wind LLC	IPP	Beethoven Wind	SD	59187	B&H80	80.0	Onshore Wind Turbine	WND	WT
2015	5	56769	Consolidated Edison Development Inc.	IPP	Atwell Island West Solar	CA	59414	AWCA	20.0	Solar Photovoltaic	SUN	PV
2015	5	56769	Consolidated Edison Development Inc.	IPP	Corcoran Solar 2	CA	59413	C2CA	19.8	Solar Photovoltaic	SUN	PV
2015	5	59393	Coronal Lost Hills, LLC	IPP	Coronal Lost Hills	CA	59638	CLH	20.0	Solar Photovoltaic	SUN	PV
2015	5	59288	Creswell Alligood Solar, LLC	IPP	Creswell Alligood Solar, LLC	NC	59548	CRES1	14.0	Solar Photovoltaic	SUN	PV
2015	5	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY
2015	5	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0002	1.0	Conventional Hydroelectric	WAT	HY
2015	5	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0003	1.0	Conventional Hydroelectric	WAT	HY
2015	5	5906	EDF Renewable Services Inc	IPP	City of Corcoran Solar	CA	59087	GEN 1	11.0	Solar Photovoltaic	SUN	PV
2015	5	5906	EDF Renewable Services Inc	IPP	Goose Lake Solar	CA	59086	GEN1	12.0	Solar Photovoltaic	SUN	PV
2015	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT
2015	5	59407	FLS Solar 230 (Warren)	IPP	FLS Solar 230 (Warren)	NC	59646	FLS1	4.8	Solar Photovoltaic	SUN	PV
2015	5	59486	Green Power Solutions of Georgia, LLC	IPP	Dublin Plant	GA	59718	TG1	29.0	Wood/Wood Waste Biomass	WDS	ST
2015	5	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT1	155.7	Natural Gas Fired Combined Cycle	NG	CT
2015	5	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT2	155.7	Natural Gas Fired Combined Cycle	NG	CT
2015	5	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST1	129.6	Natural Gas Fired Combined Cycle	NG	CA
2015	5	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST2	129.6	Natural Gas Fired Combined Cycle	NG	CA
2015	5	59287	Laurel Capital Partners	IPP	DD Hay Road Solar 23 LLC	DE	59715	PV1	1.2	Solar Photovoltaic	SUN	PV
2015	5	59406	Mt. Olive Solar 1	IPP	Mt Olive Solar 1	NC	59645	FLS1	5.0	Solar Photovoltaic	SUN	PV
2015	5	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
2015	5	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
2015	5	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
2015	5	59183	Shafter Solar LLC	IPP	Shafter Solar LLC	CA	59408	1	20.0	Solar Photovoltaic	SUN	PV
2015	5	59638	SolNCPower5, LLC	IPP	SolNCPower5, LLC	NC	59857	BAT1	5.0	Solar Photovoltaic	SUN	PV
2015	5	17826	Springer Electric Coop, Inc	Electric Utility	Springer Solar 1	NM	59560	SPRG1	0.8	Solar Photovoltaic	SUN	PV
2015	5	59350	Stagecoach Solar	IPP	Stagecoach Solar	NC	59604	FLS1	5.0	Solar Photovoltaic	SUN	PV
2015	5	59457	Sun Harvest Solar, LLC	IPP	Sun Harvest Solar NDP1	CA	59687	NDP1	1.5	Solar Photovoltaic	SUN	PV
2015	5	59351	Vicksburg Solar	IPP	Vicksburg Solar	NC	59605	FLS1	5.0	Solar Photovoltaic	SUN	PV
2015	6	221	Alaska Village Elec Coop, Inc	Electric Utility	Noatak	AK	57051	5A	0.5	Petroleum Liquids	JF	IC
2015	6	59345	Colton Solar One, LLC	IPP	Colton Solar One, LLC	CA	59597	CS001	2.5	Solar Photovoltaic	SUN	PV
2015	6	4161	Constellation Power Source Gen	IPP	Perryman	MD	1556	GT6	109.8	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB1	3.3	Other Waste Biomass	OBG	GT
2015	6	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB2	3.3	Other Waste Biomass	OBG	GT
2015	6	59380	Enel Green Power NA, Inc.	IPP	Osage Wind, LLC	OK	58683	1	150.4	Onshore Wind Turbine	WND	WT
2015	6	56615	First Solar Asset Management	IPP	Barilla Solar	TX	58710	BRLA	30.2	Solar Photovoltaic	SUN	PV
2015	6	59612	GES MegaOne LLC	IPP	Indy Grocers	IN	59834	INGRO	1.0	Solar Photovoltaic	SUN	PV
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	CTG1	183.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	STG2	126.0	Natural Gas Fired Combined Cycle	NG	CA
2015	6	7349	Golden Spread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58835	ELK1	189.0	Natural Gas Fired Combustion Turbine	NG	GT

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	6	59636	HP Hood LLC	Industrial	HP Hood CT	VA	59860	HHOOD	15.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	7	642.0	Natural Gas Fired Combined Cycle	NG	CC
2015	6	58822	MC Power Companies Inc	IPP	Macon Solar Power Project	MO	59729	MSF1	2.8	Solar Photovoltaic	SUN	PV
2015	6	12411	Miami Dade Water & Sewer Dept	Commercial	Central District Wastewater Treat Plant	FL	54623	5	1.2	Other Waste Biomass	OBG	IC
2015	6	12411	Miami Dade Water & Sewer Dept	Commercial	Central District Wastewater Treat Plant	FL	54623	6	1.2	Other Waste Biomass	OBG	IC
2015	6	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF	15.5	Onshore Wind Turbine	WND	WT
2015	6	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS11	52.6	Solar Photovoltaic	SUN	PV
2015	6	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS14	32.2	Solar Photovoltaic	SUN	PV
2015	6	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	44.0	Solar Photovoltaic	SUN	PV
2015	6	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
2015	6	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
2015	6	56990	NJR Clean Energy Ventures Corporation	IPP	Harmony	NJ	59627	HRMNY	3.0	Solar Photovoltaic	SUN	PV
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9A	122.0	Conventional Hydroelectric	WAT	HY
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
2015	6	59202	SolNCPower1, LLC	IPP	Two Mile Solar	NC	59427	TMS1	5.0	Solar Photovoltaic	SUN	PV
2015	6	17650	Southern Power Co	IPP	North Star Solar	CA	58713	NSTR	62.5	Solar Photovoltaic	SUN	PV
2015	6	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch A	CA	58418	1	5.0	Solar Photovoltaic	SUN	PV
2015	6	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch B	CA	58419	1	5.0	Solar Photovoltaic	SUN	PV
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	17	1.8	Petroleum Liquids	DFO	IC
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	18	1.8	Petroleum Liquids	DFO	IC
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	19	1.8	Petroleum Liquids	DFO	IC
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	20	1.8	Petroleum Liquids	DFO	IC
2015	6	59332	Yadkin 601 Farm, LLC	IPP	Yadkin 601 Farm	NC	59587	PV1	3.0	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	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 2	0.5	Conventional Steam Coal	BIT	ST
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 3	0.6	Conventional Steam Coal	BIT	ST
2015	3	15298	Talen Montana LLC	IPP	J E Corette Plant	MT	2187	1	153.0	Conventional Steam Coal	SUB	ST
2015	4	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2015	4	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	7	104.0	Conventional Steam Coal	BIT	ST
2015	4	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	3	1.8	Petroleum Liquids	DFO	IC
2015	4	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	6	2.7	Petroleum Liquids	DFO	IC
2015	4	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	IC4	0.8	Petroleum Liquids	DFO	IC
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	1	23.0	Conventional Steam Coal	BIT	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	2	23.0	Conventional Steam Coal	BIT	ST
2015	4	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	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	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	1	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	2	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
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	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN2	18.0	Natural Gas Steam Turbine	NG	ST
2015	4	21148	Zapco Energy Tactics Corp	IPP	Oceanside Energy	NY	50348	OS3	0.6	Landfill Gas	LFG	IC
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	1	200.0	Conventional Steam Coal	BIT	ST
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	2	200.0	Conventional Steam Coal	BIT	ST
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	3	200.0	Conventional Steam Coal	BIT	ST
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	1	190.0	Conventional Steam Coal	BIT	ST
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	2	190.0	Conventional Steam Coal	BIT	ST
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	3	205.0	Conventional Steam Coal	BIT	ST
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	4	205.0	Conventional Steam Coal	BIT	ST
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	5	585.0	Conventional Steam Coal	BIT	ST
2015	5	58620	AEP Generation Resources Inc	Electric Utility	Picway	OH	2843	5	95.0	Conventional Steam Coal	BIT	ST
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	19804	City of Vero Beach - (FL)	Electric Utility	Vero Beach Municipal Power Plant	FL	693	4	56.0	Natural Gas Steam Turbine	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	9788	John Deere Harvester Works Co	Industrial	John Deere Harvester Works	IL	10039	GEN7	0.8	Conventional Steam Coal	BIT	ST
2015	5	22053	Kentucky Power Co	Electric Utility	Big Sandy	KY	1353	2	800.0	Conventional Steam Coal	BIT	ST
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	2647	City of Butler - (MO)	Electric Utility	Butler	MO	2115	3	0.6	Petroleum Liquids	DFO	IC
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	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	ST
2015	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	9	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	4	500.0	Conventional Steam Coal	BIT	ST
2015	6	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	4	155.0	Conventional Steam Coal	BIT	ST
2015	6	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	5	168.0	Conventional Steam Coal	BIT	ST
2015	6	15147	PSEG Fossil LLC	IPP	Bergen Generating Station	NJ	2398	3	21.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	111	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	112	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	113	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	114	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	8	22.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	11	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	12	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	13	43.0	Natural Gas Fired Combustion Turbine	NG	GT

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	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	57427	RockTenn-Battle Creek Mill	Industrial	Battle Creek Mill	MI	58052	2TG	0.8	Natural Gas Steam Turbine	NG	ST
2015	6	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	1	11.5	Natural Gas Steam Turbine	NG	ST
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

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	7	59353	AP North Lake I, LP	IPP	AP North Lake I, LP	CA	59610	APNL1	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2015	7	59652	Adams Community Solar Garden III LLC	IPP	Adams Community Solar Garden III LLC	CO	59850	23376	1.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.2
2015	7	59651	Adams Community Solar Garden LLC	IPP	Adams Community Solar Garden LLC	CO	59849	23377	1.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.2
2015	7	59212	Adelanto Solar II, LLC	IPP	Adelanto Solar II, LLC	CA	59440	SAS	7.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	7.0
2015	7	59711	Bakersfield 111 LLC	IPP	Bakersfield 111	CA	59948	BF111	1.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.4
2015	7	58770	Balko Wind LLC	IPP	Balko Wind LLC	OK	58909	BAL1	299.7	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	299.7
2015	7	19856	City of Vineland - (NJ)	Electric Utility	Clevville	NJ	56235	1	63.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	73.0
2015	7	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	7	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	7	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	7	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	7	59381	EE Kettleman California LLC	IPP	Kettleman Solar -Centaurus	CA	59633	KS	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2015	7	59276	ESA Four Oaks NC 1, LLC	IPP	4Oaks	NC	59534	4OAK5	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2015	7	59277	ESA Princeton NC, LLC	IPP	Princeton	NC	59533	PRCTN	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2015	7	59132	Faison Solar LLC	IPP	Faison Solar	NC	59333	FAIS1	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2015	7	59155	First Wind O&M, LLC	IPP	Greenville Solar Plant	UT	58603	GVSP1	2.2	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.2
2015	7	59155	First Wind O&M, LLC	IPP	Laho Solar Plant	UT	58602	LSP1	3.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2015	7	59155	First Wind O&M, LLC	IPP	Milford Flat Solar Plant	UT	58601	MFSP1	3.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2015	7	59433	Imperial Valley Solar Co (IVSC) 2, LLC	IPP	Imperial Valley Solar Co (IVSC) 2	CA	59651	IVSC2	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	7	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Tell City Solar Park	IN	59482	STELL	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2015	7	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	7	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	7	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	7	59533	Loy Farm Solar LLC	IPP	Loy Farm Solar	NC	59406	SYS1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2015	7	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF2	88.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	93.6
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	59279	Nitro Solar, LLC	IPP	Nitro Solar	NC	59501	NITRO	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2015	7	14385	Palm Springs City of	Commercial	Municipal Cogen Plant	CA	50674	GEN1A	1.2	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	1.2
2015	7	59650	Pikes Peak Solar Garden 1 LLC	IPP	Pikes Peak Solar Garden 1 LLC	CO	59848	PPSG1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2015	7	59706	Rattlesnake Den	IPP	Rattlesnake Den	TX	59943	1	207.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	207.2
2015	7	59146	Red Horse 2	IPP	Red Horse 2	AZ	58833	RH25	51.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	51.0
2015	7	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	7	59589	Rockfish Solar LLC	IPP	Rockfish Solar LLC	MD	59811	GEN1	10.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	10.3
2015	7	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	7	59278	Sarah Solar, LLC	IPP	Sarah Solar	NC	59500	SARAH	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2015	7	59637	SolNCPower6, LLC	IPP	SolNCPower6, LLC	NC	59856	SUN1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	7	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	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	58661	Sustainable Power Group, LLC	IPP	Redcrest Solar Farm	CA	58831	PV-1	16.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	16.6
2015	7	58661	Sustainable Power Group, LLC	IPP	Sterlington Greenworks LLC	NY	59275	STERG	1.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.3
2015	7	58661	Sustainable Power Group, LLC	IPP	Sulter Greenworks LLC	NY	59274	SUTTG	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	7	58519	TerraForm Solar VIII, LLC	IPP	RGS-Rutland VHM SREC II Project (MA)	MA	59777	1	2.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.6
2015	8	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	8	803	Arizona Public Service Co	Electric Utility	SR85	AZ	59444	PV1	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	10.0
2015	8	59613	BayWa r.e. Solar Projects LLC	IPP	Newton Grove	NC	59935	GEN1	1.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.9
2015	8	59251	Brigham Young Univ Idaho	Commercial	BYUI Central Energy Facility	ID	59496	ST601	4.6	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	5.8
2015	8	20069	City of Wamego - (KS)	Electric Utility	Wamego	KS	1328	10	2.9	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	3.2
2015	8	58962	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	8	59155	First Wind O&M, LLC	IPP	Beryl Solar Plant	UT	58599	BSP1	3.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Buckhorn Solar Plant	UT	58600	BSP1	3.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Cedar Valley Solar Plant	UT	58599	CVSP1	3.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Granite Peak Solar Plant	UT	58604	GPSP1	3.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2015	8	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	8	6915	Galena Electric Utility	Electric Utility	Galena Electric Utility	AK	7437	2A	0.4	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	0.5
2015	8	58873	Green Energy Team LLC	IPP	Biomass to Energy Facility, Kauai	HI	59035	MKA1	8.3	Other Waste Biomass	AB	ST	(V) Under construction, more than 50 percent complete	9.3
2015	8	59209	Half Moon Ventures, LLC	IPP	Johnston Solar	RI	59858	JS01	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	8	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Peru Solar Park	IN	59481	SPERU	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	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	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	8	58638	Lenape Solar II, LLC	IPP	Lenape II	IN	58703	1	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2015	8	59648	Lockheed Martin Solar System	IPP	Lockheed Martin Solar System	FL	59867	LMSOL	1.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.9
2015	8	58461	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	8	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN4	0.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	0.3
2015	8	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN1	4.3	Natural Gas Internal Combustion Engine	NG	IC	(TS) Construction complete, but not yet in commercial operation	4.3
2015	8	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN2	4.3	Natural Gas Internal Combustion Engine	NG	IC	(TS) Construction complete, but not yet in commercial operation	4.3
2015	8	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN3	4.3	Natural Gas Internal Combustion Engine	NG	IC	(TS) Construction complete, but not yet in commercial operation	4.3
2015	8	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF3	88.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	93.6
2015	8	55931	Orion Energy Group LLC	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	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	59611	Royal Solar	IPP	Royal Solar	NC	59831	FLS1	4.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.9
2015	8	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	8	59199	SolNCPower2, LLC	IPP	OKS Solar	NC	58426	GKS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	8	59560	SunE Solar XVII Project 1, LLC	IPP	Fiddler's Canyon #1	UT	59787	FID1	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	59695	SunE Solar XVII Project 3, LLC	IPP	Fiddler's Canyon 3	UT	59932	FID3	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	8	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	8	58658	Sunlight Partners	IPP	Melinda Solar	NC	59502	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	8	58658	Sunlight Partners	IPP	Porter Solar	NC	59504	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	8	18260	Surprise Valley Electrification	Electric Utility	Paisley Geothermal Generating Plant	OR	50382	SVEP1	1.8	Geothermal	GEO	ST	(TS) Construction complete, but not yet in commercial operation	3.7
2015	8	58661	Sustainable Power Group, LLC	IPP	Hayworth Solar	CA	59009	PV1	27.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	27.0
2015	8	58661	Sustainable Power Group, LLC	IPP	SEPV Palmdale East	CA	59273	PALME	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	10.0
2015	8	58661	Sustainable Power Group, LLC	IPP	Woodmere Solar Farm	CA	59008	PV1	15.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	15.0
2015	8	59609	TWE Kinston Solar	IPP	Kinston Solar	NC	59832	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	8	59610	TWE Laurinburg Solar	IPP	Laurinburg Solar	NC	59833	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	8	19876	Virginia Electric & Power Co	Electric Utility	Philip Morris	VA	59911	1	2.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.4
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	9	59712	AES Tait LLC	IPP	AES Warrior Run Energy Storage Project	MD	59949	BESS1	11.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	11.0
2015	9	59211	Adelanto Solar, LLC	IPP	Adelanto 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	Cannelton Hydroelectric Plant	KY	57399	CG2	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	29.3
2015	9	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	9	59613	BayWa r.e. Solar Projects LLC	IPP	ESA Selma	NC	59956	GEN02	1.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.8
2015	9	59613	BayWa r.e. Solar Projects LLC	IPP	ESA Smithfield	NC	59955	GEN01	1.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.8
2015	9	59613	BayWa r.e. Solar Projects LLC	IPP	Morgan Lancaster 1	CA	59942	ML1	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	9	1883	Blue Earth Light & Water	Electric Utility	Blue Earth	MN	1967	IC8	1.8	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	1.8
2015	9	59604	Bulldog Energy Airport LLC	IPP	INDY III	IN	59823	INDY3	2.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
2015	9	57365	Consolidated Edison Solutions Inc	IPP	Future Generation Wind	MA	59623	FGMA	7.9	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	8.0
2015	9	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	9	57389	IKEA Property Inc	Commercial	IKEA St. Louis 410	MO	59714	IK410	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2015	9	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Crawfordsville Solar Park	IN	59483	SCRAW	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	9	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Pendleton Solar Park	IN	59770	SPEND	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	9	58461	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	9	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN3	1.0	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	9	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF4	88.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	93.6
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	48.3
2015	9	56990	NJR Clean Energy Ventures Corporation	IPP	Hanover	NJ	59628	HNOVR	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	9	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	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	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN1	4.2	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN2	4.2	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN3	4.2	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN4	4.2	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN5	4.2	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	4.4
2015	9	58565	Saddleback Ridge Wind, LLC	IPP	Saddleback Ridge Wind Farm	ME	58609	SRW1	34.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	34.2
2015	9	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	9	59139	SunEdison LLC	IPP	SunE- E Philadelphia Ontario	CA	59916	12307	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	9	58661	Sustainable Power Group, LLC	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	9	58661	Sustainable Power Group, LLC	IPP	Spring Hill Road	MA	59839	SHRD1	1.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.9
2015	9	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

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	59598	Tooele Army Depot	IPP	Tooele Wind Turbine	UT	59817	GEN03	1.7	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	1.7
2015	10	221	Alaska Village Elec Coop, Inc	Electric Utility	Hooper Bay	AK	6319	5A	0.8	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	0.8
2015	10	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	10	59694	BG Stewart Solar Farm LLC	IPP	BG Stewart Solar Farm, LLC	NC	59930	NB005	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	59476	BRE NC Solar, LLC	IPP	BRE	NC	59706	NB005	4.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 1	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 2	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 3	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 5	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 6	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 7	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 8	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 9	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN10	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN11	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN12	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN4	0.2	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN1	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN10	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN11	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN12	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN2	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN3	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN4	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN5	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN6	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN7	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN8	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN9	0.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	0.1
2015	10	1961	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	IPP	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	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	10	59206	Downs Farm Solar, LLC	IPP	Downs Farm Solar	NC	59429	DOWN1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	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	Shawboro PV1	NC	59155	SHAW1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
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	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	1	205.7	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	205.7
2015	10	59717	Joliet Battery Storage LLC	IPP	Jake Energy Storage Center	IL	59960	JBS	19.8	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	19.8
2015	10	11208	Los Angeles Department of Water & Power	IPP	Coken PV	CA	59798	W4172	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	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	58985	Marion Solar LLC	IPP	Belmont	IN	59172	PV1	3.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.8
2015	10	58985	Marion Solar LLC	IPP	Marion Solar LNG	IN	59180	PV1	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	10	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF5	88.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	93.8
2015	10	58477	OZenergies, Inc.	IPP	Montgomery Solar LLC	NC	58649	1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	10	58589	Orbit Energy Charlotte	IPP	Orbit Energy Charlotte	NC	58638	1	5.2	Other Waste Biomass	OBG	ST	(U) Under construction, less than or equal to 50 percent complete	5.2
2015	10	56545	Pattern Operators LP	IPP	Logans Gap Wind LLC	TX	58442	1	200.1	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	200.1
2015	10	59383	Pleasant Valley Wind, LLC	IPP	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	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	5	173.4	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	185.3
2015	10	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	6	173.4	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	185.3
2015	10	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	7	241.4	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	255.0
2015	10	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	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	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	BLK1	26.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	26.4
2015	10	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	BLK2	27.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	27.9
2015	10	58658	Sunlight Partners	IPP	Elliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
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	59349	Walters Solar (FLS 260)	IPP	Walters Solar (FLS 260)	NC	59603	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	10	59718	West Chicago Battery Storage LLC	IPP	Elwood Energy Storage Center	IL	59959	WCBS	19.8	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	19.8
2015	10	58917	West Salisbury Farm LLC	IPP	West Salisbury Farm LLC	NC	59111	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	11	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	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	1883	Blue Earth Light & Water	Electric Utility	Blue Earth	MN	1967	IC7	1.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	1.1
2015	11	58508	Carolina Solar Energy II LLC	IPP	Green Farm	NC	59148	GREEN	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	11	58508	Carolina Solar Energy II LLC	IPP	Simons Farm	NC	59149	SIMON	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	11	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	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	(V) Under construction, more than 50 percent complete	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	58970	Ecoplexus, Inc	IPP	Little River PV 1	NC	59521	LTLRV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	11	58970	Ecoplexus, Inc	IPP	Manning PV 1	NC	59520	MANN	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	11	58970	Ecoplexus, Inc	IPP	Old Catawba PV 1	NC	59519	OLDC	3.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.5
2015	11	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	11	59380	Enel Green Power NA, Inc.	IPP	Goodwell Wind Project LLC	OK	58998	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	(U) Under construction, less than or equal to 50 percent complete	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	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	14.3
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	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
2015	11	58461	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	11	58461	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	11	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF6	88.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	93.8
2015	11	59394	NextEra Energy Resources Breckinridge	IPP	Breckinridge Wind Project LLC	OK	58994	BWP	98.8	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	98.8
2015	11	59274	SR Hazlehurst, LLC	IPP	SR Hazlehurst	GA	59535	HAZLE	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	11	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	BLK3	37.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	37.2
2015	11	59716	SunE DB24 LLC	IPP	Milford 2	UT	59958	MIL2	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	11	58661	Sustainable Power Group, LLC	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	11	58661	Sustainable Power Group, LLC	IPP	SEPV 18	CA	59730	SPV18	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	11	56694	Thermo No 1 BE 01 LLC	IPP	Thermo Solar PV-01	UT	59883	SOLAR	2.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.9
2015	11	56918	University of California San Diego	Commercial	University of California San Diego	CA	57584	BS1	2.5	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	2.5
2015	12	58703	Apple One LLC	IPP	Apple One	NC	58828	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	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	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	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	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	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	59365	Capital Power Corporation	IPP	Beaufort Solar, LLC	NC	59887	GEN	15.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	15.0
2015	12	59693	Cline Solar Farm LLC	IPP	Cline Solar Farm, LLC	NC	59929	NB007	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	59692	Coats Solar Farm LLC	IPP	Coats Solar Farm, LLC	NC	59937	NB006	4.9	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	(T) Regulatory approvals received. Not under construction	12.0
2015	12	59707	Conetoe II Solar, LLC	IPP	Conetoe II Solar, LLC	NC	59944	CONE1	80.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	80.0
2015	12	56769	Consolidated Edison Development Inc.	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	56769	Consolidated Edison Development Inc.	IPP	Corcoran Solar 3	CA	59900	C3CA	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
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	Crestwood Solar Center LLC	NC	59914	CREST	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Freemont Solar Center LLC	NC	59912	FREE	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. 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

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	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	Balsam	NC	59829	5375	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	59464	Current Energy Group	IPP	Hickory	NC	59829	5515	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	58468	Dominion Renewable Energy	IPP	Marin Carport	CA	59703	1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	12	58468	Dominion Renewable Energy	IPP	Richland Solar Center	GA	59874	PV1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	12	3046	Duke Energy Progress - (NC)	IPP	Camp Lejeune Solar	NC	59966	PV1	12.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	12.8
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	3046	Duke Energy Progress - (NC)	IPP	Warsaw Farm	NC	58848	1	65.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	65.0
2015	12	57170	EDF Renewable Asset Holdings, Inc.	IPP	Milo Wind Project LLC	NM	59838	GEN1	50.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	50.0
2015	12	57170	EDF Renewable Asset Holdings, Inc.	IPP	Slate Creek Wind Project LLC	KS	59837	GEN1	150.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	150.0
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	Baker PV 1	NC	59517	BAKE1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	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	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	59002	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	59403	Gaston Solar LLC	IPP	Gaston Solar	NC	59642	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	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	12	59008	Guernsey 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	59246	Highwater Solar	IPP	Highwater Solar	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	(V) Under construction, more than 50 percent complete	298.0
2015	12	9324	Indiana Michigan Power Co	Electric Utility	Deer Creek PV	IN	59855	DCPV1	2.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.5
2015	12	9324	Indiana Michigan Power Co	Electric Utility	Twin Branch PV	IN	59861	TBPV1	2.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.6
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	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	59657	Kingbird Solar LLC	IPP	Kingbird Solar LLC	CA	59868	GEN01	40.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	40.0
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	(L) Regulatory approvals pending. 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	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	12	59691	Meadowbrook Solar Farm LLC	IPP	Meadowbrook Solar Farm	NC	59936	NB008	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	12341	MidAmerican Energy Co	Electric Utility	Adams Wind	IA	59637	ADWF	150.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	153.4
2015	12	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF7	15.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	16.4
2015	12	59668	Mount Olive Solar LLC	IPP	Mount Olive Solar	NC	59908	2MWPV	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
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	13407	Nevada Power Co	IPP	Nellis Solar PV II	NV	59919	NSPV2	15.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	15.0
2015	12	55868	Noble Wind Operations LLC	IPP	Noble Bellmont Windpark LLC	NY	56803	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	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	12	58477	O2energies, Inc.	IPP	Yadkinville Solar	NC	59950	YAK	3.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.5
2015	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	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	12	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN1	392.5	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	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0001	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	42.3
2015	12	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	12	59514	River Mountains Solar, LLC	IPP	River Mountains Solar	NV	59741	1	14.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	14.4
2015	12	59710	SR Camden, LLC	IPP	SR Camden	AR	59947	AERO	12.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	12.0
2015	12	59428	Sendero Wind Energy, LLC	IPP	Sendero Wind Energy	TX	59654	1	78.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	78.0
2015	12	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	BLK4	35.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	35.7
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	17650	Southern Power Co	IPP	Butler Solar Farm 20	GA	59891	1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	12	17650	Southern Power Co	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	17650	Southern Power Co	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	17650	Southern Power Co	IPP	Pawpaw Solar Plant	GA	59894	1	30.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	30.0
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	Amethyst Solar	NC	58730	PV1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	12	58658	Sunlight Partners	IPP	Andrew Solar	NC	58497	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	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	12	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	12	58658	Sunlight Partners	IPP	Beetle Solar	NC	58511	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	58017	GEN 1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	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	12	58658	Sunlight Partners	IPP	Chei Solar	NC	59508	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	(L) Regulatory approvals pending. Not under construction	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	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	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	12	58658	Sunlight Partners	IPP	Minnie Solar	NC	58740	PV1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	(T) Regulatory approvals received. 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	Sophie Solar	NC	58745	PV1	4.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.5
2015	12	58658	Sunlight Partners	IPP	Star Solar	NC	58746	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	58661	Sustainable Power Group, LLC	IPP	Citizen B	CA	59738	CSB	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58661	Sustainable Power Group, LLC	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	Sustainable Power Group, LLC	IPP	Latigo Wind Park	UT	59965	LTIGO	62.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	62.1
2015	12	58661	Sustainable Power Group, LLC	IPP	Sandstone Solar	AZ	59634	SNDST	45.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	45.0
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	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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

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	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	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	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	59690	Vance Solar Farm LLC	IPP	Vance Solar Farm, LLC	NC	59928	NB007	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	19876	Virginia Electric & Power Co	Electric Utility	Merck	VA	59905	1	2.1	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.1
2015	12	19876	Virginia Electric & Power Co	Electric Utility	Western Branch High School	VA	59904	1	1.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.0
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
2015	12	59107	WED Coventry Three, LLC	IPP	WED Coventry 3	RI	59303	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	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	12	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	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	58984	Winton Solar LLC	IPP	Winton Solar	NC	59177	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
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	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
2016	1	58865	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	59402	Garysburg Solar LLC	IPP	Garysburg Solar	NC	59641	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
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	59491	Seville Solar One LLC	IPP	Seville 1	CA	59722	SEV1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2016	1	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	BLK5	35.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	35.0
2016	1	59138	SunPower Corporation, Systems	IPP	Quinto Solar PV Project	CA	59339	SSC13	105.1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	108.0
2016	1	57249	Suncook Energy LLC	IPP	Nashua Plant	NH	55006	UNIT3	1.5	Landfill Gas	LFG	IC	(OT) Other	1.6
2016	2	58981	Bethel Solar LLC	IPP	Bethel Solar	NC	59173	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
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	57260	CSOLAR IV West LLC	IPP	Imperial Solar Energy Center West	CA	57491	56B19	148.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	148.7
2016	2	6455	Duke Energy Florida, Inc	IPP	Osceola Solar Facility	FL	59554	XXXXX	3.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.8
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	58773	Kingfisher Wind LLC	IPP	Kingfisher Wind LLC	OK	58902	KNG1	298.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	298.0
2016	2	58461	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	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	10	9.2	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	2	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN1	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	2	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN2	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	2	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN3	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	2	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN4	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	2	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN5	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
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	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	BLK6	36.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	36.6
2016	2	58982	Woodland Solar LLC	IPP	Woodland Solar	NC	59175	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
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	59460	Aulander Solar LLC	IPP	Aulander Solar	NC	59707	SMWPV	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58871	Citizens Enterprises Corporation	IPP	Hunt Road Solar	MA	59927	PV1	4.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.5
2016	3	59481	Franklinton Solar LLC	IPP	Franklinton Solar	NC	59708	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	3	59680	Lillington Solar LLC	IPP	Lillington Solar	NC	59921	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	3	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	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN1	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN2	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN3	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN4	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN5	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	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	3	9436	Mosaic Phosphates Co.	Industrial	Mosaic Phosphates Uncle Sam	LA	10198	GEN3	15.0	All Other	OTH	ST	(T) Regulatory approvals received. 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	59582	Pollocksville Solar LLC	IPP	Pollocksville Solar	NC	59917	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	3	59404	Seaboard Solar LLC	IPP	Seaboard Solar LLC	NC	59643	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	3	59698	Sky Global Power One Pledgor, LLC	IPP	Sky Global Power One	TX	59938	UNIT1	8.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	8.5
2016	3	59698	Sky Global Power One Pledgor, LLC	IPP	Sky Global Power One	TX	59938	UNIT2	8.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	8.5
2016	3	59698	Sky Global Power One Pledgor, LLC	IPP	Sky Global Power One	TX	59938	UNIT3	8.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	8.5
2016	3	59698	Sky Global Power One Pledgor, LLC	IPP	Sky Global Power One	TX	59938	UNIT4	8.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	8.5
2016	3	59698	Sky Global Power One Pledgor, LLC	IPP	Sky Global Power One	TX	59938	UNIT5	8.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	8.5
2016	3	59698	Sky Global Power One Pledgor, LLC	IPP	Sky Global Power One	TX	59938	UNIT6	8.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	8.5
2016	3	59681	Smithfield Solar LLC	IPP	Smithfield Solar LLC	NC	59920	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	3	59605	South Louisburg Solar LLC	IPP	South Louisburg Solar	NC	59825	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	3	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
2016	3	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
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	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN2	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN3	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN4	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN5	4.2	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	772	Archer Daniels Midland Co	Industrial	Archer Daniels Midland Cedar Rapids	IA	10864	GEN7	36.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	38.5
2016	4	59474	BQ Energy LLC	IPP	Kings Park Solar I	NY	59880	KIPS1	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2016	4	59474	BQ Energy LLC	IPP	Kings Park Solar II	NY	59881	KIPS2	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2016	4	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	04	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2016	4	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	05	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2016	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
2016	4	56769	Consolidated Edison Development Inc.	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	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	1	2.3	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	2	2.3	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	3	2.3	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	4	2.3	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	5	2.3	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	6	2.3	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	2.7
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	58995	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	58606	Mauka Fit One LLC	IPP	Mauka FIT One	HI	58663	3501	3.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.5
2016	4	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	4	57193	Moapa Southern Paiute LLC	IPP	Moapa Southern Paiute	NV	57859	1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
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	2.9
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	2.2
2016	4	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	BLK7	35.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	35.0
2016	4	58661	Sustainable Power Group, LLC	IPP	Eden Solar LLC	NC	59778	EDEN5	47.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	47.7
2016	4	58661	Sustainable Power Group, LLC	IPP	SEPV Mojave West	CA	59746	SPVMW	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	4	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

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	4	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
2016	4	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
2016	4	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
2016	4	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
2016	4	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
2016	4	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
2016	4	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
2016	4	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
2016	4	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
2016	4	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-1	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	0.5
2016	4	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-2	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	0.5
2016	4	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-3	0.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	0.5
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	(U) Under construction, less than or equal to 50 percent complete	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	7349	Golden Spread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58835	ELK2	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	202.0
2016	5	7349	Golden Spread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58835	ELK3	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	202.0
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Harding Street	IN	990	BAT1	20.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
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	(U) Under construction, less than or equal to 50 percent complete	2.0
2016	5	59669	Louisburg Solar LLC	IPP	Louisburg Solar	NC	59885	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT1	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	2.6
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT2	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	2.6
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT3	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	2.6
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT4	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	2.6
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	GEN1	300.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	300.0
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN2	200.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	200.0
2016	5	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	BLK8	16.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	16.2
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT01	263.9	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	263.9	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	263.9	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	579.4	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	579.7
2016	5	20910	Wolverine Power Supply Coop	IPP	Alpine Power Plant	MI	59926	AU1	202.6	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	226.9
2016	5	20910	Wolverine Power Supply Coop	IPP	Alpine Power Plant	MI	59926	AU2	202.6	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	226.9
2016	6	221	Alaska Village Elec Coop, Inc	Electric Utility	Mountain Village	AK	6329	4A	0.8	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	0.8
2016	6	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	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	Pioneer Generating Station	ND	57881	11	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	12	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	13	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	14	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	15	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	16	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	17	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	18	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	19	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	20	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	21	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	22	9.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	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	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	71.0
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	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-2	138.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	250.0
2016	6	59155	First Wind O&M, LLC	IPP	Hancock Wind Plant	ME	56686	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 Knobb	PA	58821	GEN1	4.2	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	(V) Under construction, more than 50 percent complete	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5B		Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5C		Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5ST		Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	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	RC2	9.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	6.9
2016	6	7140	Georgia Power Co	Electric Utility	Fort Benning Solar Facility	GA	59862	1	30.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	30.0
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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	6	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK3	39.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	39.6
2016	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
2016	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
2016	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
2016	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
2016	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
2016	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR6	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2016	6	59099	New Dimension Energy Company, LLC	IPP	Westwind Trust	CA	54258	WTGS	15.6	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	15.6
2016	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3889	9A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2016	6	58109	President & Trustees of Williams College	Commercial	Williams College - Campus CHP	MA	58160	GEN3	1.2	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.2
2016	6	59492	Seville Solar Two LLC	IPP	Seville 2	CA	59723	SEV2	32.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	32.0
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG01	18.3	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG02	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG03	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG04	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG05	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG06	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG07	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG08	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG09	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG10	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG11	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	6	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG12	18.3	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
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	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	18.8
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Stillwater Energy Center	OK	59647	2	18.3	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	18.8
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Stillwater Energy Center	OK	59647	3	18.3	Natural Gas Internal Combustion Engine	NG	IC	(T) Regulatory approvals received. Not under construction	18.8
2016	6	58661	Sustainable Power Group, LLC	IPP	Western Antelope Blue Sky B	CA	59961	WABSB	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	6	59569	TWE Ahoskie Solar Project, LLC	IPP	Ahoskie	NC	59795	FLS1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2016	6	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
2016	6	59405	Weldon Solar LLC	IPP	Weldon Solar	NC	59644	SMWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0

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	6	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (WI)	WI	59836	11	4.6	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	4.6
2016	6	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (WI)	WI	59836	12	4.6	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	4.6
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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	56769	Consolidated Edison Development Inc.	IPP	Oro Loma	CA	59915	ORCA	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	7	56615	First Solar Asset Management	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	58949	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	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	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	SSS	286.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	286.8
2016	7	58661	Sustainable Power Group, LLC	IPP	Aspiration G	CA	59737	ASPRG	9.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	9.0
2016	7	58661	Sustainable Power Group, LLC	IPP	Elevation Solar C	CA	59964	ELVSC	40.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	40.0
2016	7	58661	Sustainable Power Group, LLC	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	Sustainable Power Group, LLC	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	Sustainable Power Group, LLC	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	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	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
2016	8	59273	625K 8me, 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	59616	635U 8me, LLC	IPP	Springbok Solar Farm 2	CA	59840	SB2	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2016	8	58897	705M 8me 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	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	59709	Granite Mountain Solar East LLC	IPP	Granite Mountain Solar East	UT	59946	GMSE	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2016	8	59708	Granite Mountain Solar West, LLC	IPP	Granite Mountain Solar West	UT	59945	GMSW	51.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	51.3
2016	8	59705	Iron Springs Solar, LLC	IPP	Iron Springs Solar	UT	59941	ISS	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
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
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	8	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	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	Electric Utility	Industrial Plant	AK	59753	15	25.0	Petroleum Liquids	DFO	GT	(L) Regulatory approvals pending. Not under construction	25.0
2016	9	59520	BWC Origination 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	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN2	4.2	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN3	4.2	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN4	4.2	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN5	4.2	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	59662	FuelCell Energy	Electric CHP	Riverside Fuel Cell	CA	58877	MB20	1.4	Other Waste Biomass	OBG	FC	(P) Planned for installation, but regulatory approvals not initiated	1.4
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	9216	Imperial Irrigation District	Electric Utility	El Centro	CA	389	BESS	28.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	30.0
2016	9	59628	Infigen Energy US Development 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
2016	9	59628	Infigen Energy US Development LLC	IPP	Wildwood Solar II	CA	59253	PV1	14.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	15.0
2016	9	59655	Little Bear Solar 1 LLC	IPP	Little Bear Solar 1, LLC	CA	59870	GEN01	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	9	59666	Little Bear Solar 2 LLC	IPP	Little Bear Solar 2, LLC	CA	59885	GEN01	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
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	59713	Potrero Hills Energy Producers, LLC	IPP	Potrero Hills Energy Producers	CA	59952	1	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	1.6
2016	9	59713	Potrero Hills Energy Producers, LLC	IPP	Potrero Hills Energy Producers	CA	59952	2	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	1.6
2016	9	59713	Potrero Hills Energy Producers, LLC	IPP	Potrero Hills Energy Producers	CA	59952	3	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	1.6
2016	9	59713	Potrero Hills Energy Producers, LLC	IPP	Potrero Hills Energy Producers	CA	59952	4	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	1.6
2016	9	59713	Potrero Hills Energy Producers, LLC	IPP	Potrero Hills Energy Producers	CA	59952	5	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	1.6
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	59700	RE Tranquillity LLC	IPP	RE Tranquillity	CA	59939	TQ	200.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	205.3
2016	9	58846	Southeast Renewable Fuels, LLC	Industrial	SRF Sorghum to Ethanol Advanced Biorefinery	FL	58997	G1001	12.0	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete	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	9	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	9	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	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
2016	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
2016	10	57369	Apple, Inc	Industrial	Apple Campus 2 Fuel Cell	CA	59553	AC2FC	4.0	Other Waste Biomass	OBG	FC	(T) Regulatory approvals received. Not under construction	4.0
2016	10	57369	Apple, Inc	Industrial	Apple Campus 2 PV	CA	59473	AC2PV	14.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	14.4
2016	10	58680	Ayrshire Holdings, LLC	IPP	Ayrshire	NC	58792	PV1	19.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	19.4
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	9324	Indiana Michigan Power Co	Electric Utility	OlivePV	IN	59854	OLPV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	10	9324	Indiana Michigan Power Co	Electric Utility	WatervilletPV	MI	59853	WVPV1	4.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.6
2016	10	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
2016	10	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
2016	10	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
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	58949	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	58987	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	59634	North Star Solar PV LLC	IPP	North Star Solar Project	MN	59852	NSSP1	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
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	58838	Parrey, LLC	IPP	Henrietta Solar Project	CA	58975	PV1	102.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	102.0
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	58661	Sustainable Power Group, LLC	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	Sustainable Power Group, LLC	IPP	Con Dios Solar 3	CA	59263	CONO3	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
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	11	58574	Canton Mountain Wind LLC	IPP	Canton Mountain Wind	ME	58620	1	22.8	Onshore Wind Turbine	WND	WT	(OT) Other	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	57406	Deepwater Wind Block Island LLC	IPP	Block Island Wind Farm	RI	58035	BWF	29.3	Offshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	30.0
2016	11	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	BECK2	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
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 8me, 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	59656	Aya Solar Project, LLC	IPP	Aya Solar Project	NV	59869	GEN01	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
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

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	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	58693	1	78.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	78.0
2016	12	59365	Capital Power Corporation	IPP	CP Bloom Wind LLC	KS	59888	GEN	180.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	180.0
2016	12	58998	Chapman Ranch Wind LLC	IPP	Chapman Ranch Wind I	TX	59193	CHA1	236.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	236.0
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	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	12	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	12	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	12	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	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	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	SSTA	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	SSTB	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	Colbies's Corner, 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	150.0	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	Bingham Wind	ME	57531	1	186.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	186.0
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	58291	1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	12	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	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	7140	Georgia Power Co	Electric Utility	Fort Gordon Solar Facility	GA	59863	1	30.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	30.0
2016	12	7140	Georgia Power Co	Electric Utility	Fort Stewart Solar Facility	GA	59865	1	30.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	30.0
2016	12	7140	Georgia Power Co	Electric Utility	King's Bay Solar Facility	GA	59864	1	30.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	30.0
2016	12	7140	Georgia Power Co	Electric Utility	Marine Corps Logistics Base Solar Facility	GA	59876	1	46.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	46.0
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	59633	Great Bay Solar I LLC	IPP	Great Bay Solar 1	MD	59851	GBS01	57.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
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
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	59628	Infigen Energy US Development 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	59628	Infigen Energy US Development LLC	IPP	Caprock Solar 1 LLC	NM	59251	PV1	24.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	25.0
2016	12	59628	Infigen Energy US Development LLC	IPP	Caprock Solar 2 LLC	NM	59846	PV1	30.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.0
2016	12	59628	Infigen Energy US Development 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	59678	KDC Solar PR1, LLC	IPP	KDC Solar PR1, LLC	NJ	59910	SF	22.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	22.0
2016	12	58688	Kelly Energy LLC	IPP	Kelly	PA	58817	GEN1	3.0	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	3.3
2016	12	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	12	55910	Lanai Sustainability Research LLC	IPP	Millani 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	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	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	A	110.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	110.0
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	B	125.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	125.0
2016	12	56622	NextEra Energy Resources	IPP	Marshall Solar Energy Project	MN	59675	PV1	62.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	62.3
2016	12	59663	North Rosamond Solar LLC	IPP	North Rosamond Solar LLC	CA	59879	GEN01	150.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
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	58477	O2energies, Inc.	IPP	Five Forks Solar	NC	59951	SFRK	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
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	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	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN1	4.2	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	12	59380	Soleil Energy Solutions, LLC	IPP	Westside Solar Farm	NC	59258	WEST1	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0
2016	12	59696	Solaga Farms IV	IPP	Solaga Farms IV	NC	59934	SFIV	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
2016	12	58860	Southbridge Recycling and Disposal Park, Inc	IPP	Southbridge Landfill Gas-to-Energy	MA	56011	CAT2	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2016	12	17650	Southern Power Co	IPP	Butler Solar Project 103	GA	59896	1	103.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	103.0
2016	12	17650	Southern Power Co	IPP	Taylor County Solar	GA	59897	1	148.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	148.0
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	58661	Sustainable Power Group, LLC	IPP	Central Antelope Dry Ranch C	CA	59963	CADRC	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	58661	Sustainable Power Group, LLC	IPP	North Lancaster Ranch	CA	59962	NLR	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	59317	Toprak LLC	IPP	Toprak	NC	59576	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	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
2016	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
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
2016	12	59664	Windhub Solar, LLC	IPP	Windhub Solar LLC	CA	59878	GEN01	40.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	40.0
2017	1	59306	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	CMLAP Generating Facility No. 2	KS	59726	10	18.7	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2017	1	3892	City of Coffeyville - (KS)	Electric Utility	CMLAP Generating Facility No. 2	KS	59726	8	18.7	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2017	1	3892	City of Coffeyville - (KS)	Electric Utility	CMLAP Generating Facility No. 2	KS	59726	9	18.7	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7

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	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	PV1	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 Enrgy 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 Enrgy 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 Enrgy 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	5S01	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	5S02	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	5S11	1.7	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction	1.7
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	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	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	CTG1	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	131.8
2017	5	58587	Environmission, Inc	IPP	La Paz Solar Tower	AZ	58652	1	200.0	Solar Thermal without Energy Storage	SUN	CT	(P) Planned for installation, but regulatory approvals not initiated	200.0
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	CGT5	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	STG6	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 Generation Facility	MD	59220	CT1	310.3	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 Generation Facility	MD	59220	CT2	310.3	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 Generation Facility	MD	59220	ST1	493.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	493.0
2017	5	59336	Schell Solar Farm, LLC	IPP	Schell Solar Farm	NC	59591	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
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
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 LP	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	9267	Hoosier Energy R E C, Inc	Electric Utility	Cabin Creek Renewable Energy Station	IN	59791	1	1.9	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	2.0
2017	6	9267	Hoosier Energy R E C, Inc	Electric Utility	Cabin Creek Renewable Energy Station	IN	59791	2	1.9	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	2.0
2017	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	5	340.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	340.0
2017	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	6	340.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	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	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	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	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	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
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	59693	OSW1	12.0	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	12.0
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	59714	Antrim Wind Energy LLC	IPP	Antrim Wind	NH	59953	AWND1	28.4	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	28.8
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	59365	Capital Power Corporation	IPP	Black Fork Wind Energy Project	OH	59907	GEN	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	200.0
2017	12	59365	Capital Power Corporation	IPP	EcoPoint Wind LLC	IL	59902	GEN	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2017	12	59365	Capital Power Corporation	IPP	Hopeful Solar LLC	GA	59892	GEN	29.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	29.0
2017	12	59365	Capital Power Corporation	IPP	Meadowlark Wind	ND	59903	GEN	99.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	99.0
2017	12	59365	Capital Power Corporation	IPP	Poplars Ranch Solar LLC	OR	59890	GEN	16.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	16.0
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	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	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	48.0
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	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	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	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
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
2017	12	59701	RE Tranquility 8 LLC	IPP	RE Tranquility 8	CA	59940	TQ8	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	205.3
2017	12	58943	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
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	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	STG	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	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

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	1	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
2018	1	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
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	CT	(L) Regulatory approvals pending. Not under construction	475.0
2018	1	59123	NTE Carolinas, LLC	IPP	Kings Mountain Energy Center	NC	59325	KMEC2	248.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	248.8
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	59686	Coronado Power Ventures LLC	IPP	Pinecrest Energy Center	TX	59923	CTG-1	229.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	232.0
2018	2	59686	Coronado Power Ventures LLC	IPP	Pinecrest Energy Center	TX	59923	CTG-2	229.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	232.0
2018	2	59686	Coronado Power Ventures LLC	IPP	Pinecrest Energy Center	TX	59923	STG	289.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	289.0
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	59686	Coronado Power Ventures LLC	IPP	La Paloma Energy Center	TX	59924	CTG-1	211.5	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	230.0
2018	3	59686	Coronado Power Ventures LLC	IPP	La Paloma Energy Center	TX	59924	CTG-2	211.5	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	230.0
2018	3	59686	Coronado Power Ventures LLC	IPP	La Paloma Energy Center	TX	59924	STG-1	300.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	311.0
2018	3	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
2018	3	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
2018	3	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
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	59683	Rockwood Energy Center LLC	IPP	Rockwood Energy Center LLC	TX	59918	ROCKW	1,088.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	1,088.0
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	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	59675	Moxie Freedom LLC	IPP	Moxie Freedom Generation Plant	PA	59906	GEN1	490.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	529.0
2018	5	59675	Moxie Freedom LLC	IPP	Moxie Freedom Generation Plant	PA	59906	GEN2	490.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	529.0
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	6	59687	AltaGas Sonoran Energy Inc	IPP	Sonoran Energy Project	CA	59925	GEN1	510.7	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals pending. Not under construction	553.0
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	6035	Exelon Power	IPP	Exelon West Medway II LLC	MA	59882	4	97.4	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	100.0
2018	6	6035	Exelon Power	IPP	Exelon West Medway II LLC	MA	59882	5	97.4	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	100.0
2018	6	58409	Future Power PA	IPP	Good Spring NGCC Facility	PA	58409	GT1	232.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	250.0
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	3503	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	310.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	310.3
2018	6	59124	NTE Ohio LLC	IPP	Middletown Energy Center	OH	59326	MEC2	284.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	284.8
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
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	SS	90.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	93.0
2018	8	59697	Snow Mountain Solar Project, LLC	IPP	Snow Mountain Solar, LLC	NV	59935	GEN01	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2018	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
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	59463	Clear Creek Power	IPP	Highland Park Project	CO	58659	HPWT	198.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	198.0
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	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	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	C	125.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	125.0
2018	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	D	125.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	125.0
2018	12	57470	Noble Energy Systems, Inc	IPP	Pea Patch Wind Farm	MD	58087	PEAP	50.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	50.0
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	59646	Summit Texas Clean Energy	IPP	Texas Clean Energy Project	TX	59859	TCE1A	274.0	Other Gases	OG	CT	(P) Planned for installation, but regulatory approvals not initiated	274.0
2018	12	59646	Summit Texas Clean Energy	IPP	Texas Clean Energy Project	TX	59859	TCE1B	126.0	Other Gases	OG	CA	(P) Planned for installation, but regulatory approvals not initiated	126.0
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
2018	12	19876	Virginia Electric & Power Co	Electric Utility	Greensville County Power Station	VA	59913	CT01	324.4	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	369.8
2018	12	19876	Virginia Electric & Power Co	Electric Utility	Greensville County Power Station	VA	59913	CT02	324.4	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	369.8
2018	12	19876	Virginia Electric & Power Co	Electric Utility	Greensville County Power Station	VA	59913	CT03	324.4	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	369.8
2018	12	19876	Virginia Electric & Power Co	Electric Utility	Greensville County Power Station	VA	59913	ST01	611.8	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	663.9
2019	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
2019	1	20856	Wisconsin Power & Light Co	Electric Utility	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	Electric Utility	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	Electric Utility	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	59677	Middlesex Energy Center LLC	IPP	Middlesex Energy Center LLC	NJ	59909	CT001	560.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	560.0
2019	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	4	268.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	321.0
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	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
2019	6	55983	Luminant Generation Company LLC	IPP	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	IPP	Eagle Mountain	TX	3489	CT2	224.9	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	235.5

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)
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 constnuction	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	6	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
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	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	59656	Desert Quartzite LLC	IPP	Desert Quartzite	CA	59671	GEN01	300.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
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	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
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
2019	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
2020	1	56794	CE Obsidian Energy LLC	IPP	Black Rock II	CA	57478	G3202	60.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction	70.0
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	6	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
2020	6	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
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	I-B	813.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	813.0
2021	1	56794	CE Obsidian Energy LLC	IPP	Black Rock III	CA	57479	G303	60.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction	70.0
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	5	18454	Tampa Electric Co	Electric Utility	Tampa Electric Co NA 2	FL	56352	2	204.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	220.0
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 II LLC	IPP	Blackstone Wind Farm II	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	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
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
2023	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

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signficiant 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	7	733	Appalachian Power Co	Electric Utility	Clinch River	VA	3775	3	230.0	Conventional Steam Coal	BIT	ST
2015	7	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	5	90.0	Conventional Steam Coal	BIT	ST
2015	7	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	6	235.0	Conventional Steam Coal	BIT	ST
2015	7	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	1	200.0	Conventional Steam Coal	BIT	ST
2015	7	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	2	200.0	Conventional Steam Coal	BIT	ST
2015	7	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	1	145.0	Conventional Steam Coal	BIT	ST
2015	7	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	2	145.0	Conventional Steam Coal	BIT	ST
2015	7	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	3	145.0	Conventional Steam Coal	BIT	ST
2015	7	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	4	145.0	Conventional Steam Coal	BIT	ST
2015	7	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC2	0.9	Natural Gas Internal Combustion Engine	NG	IC
2015	7	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC4	0.7	Petroleum Liquids	DFO	IC
2015	7	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Natural Gas Steam Turbine	NG	ST
2015	7	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Natural Gas Steam Turbine	NG	ST
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6	103.8	Conventional Hydroelectric	WAT	HY
2015	8	56774	S Montana Elec Gen and Trans Coop Inc	Electric Utility	Highwood Generating Station	MT	57480	GTG1	40.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	9	59667	NAVFAC Midlant PWD Great Lakes	Electric CHP	Great Lakes Central Power Plant	IL	59884	GTG-1	4.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	9	59667	NAVFAC Midlant PWD Great Lakes	Electric CHP	Great Lakes Central Power Plant	IL	59884	GTG-2	4.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	9	59667	NAVFAC Midlant PWD Great Lakes	IPP	Great Lakes Central Power Plant	IL	59884	STG-1	0.5	All Other	OTH	ST
2015	9	59667	NAVFAC Midlant PWD Great Lakes	IPP	Great Lakes Central Power Plant	IL	59884	STG-2	0.5	All Other	OTH	ST
2015	9	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	1	5.0	Conventional Steam Coal	BIT	ST
2015	9	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	2	5.0	Conventional Steam Coal	BIT	ST
2015	9	56217	Portsmouth Operating Services LLC	IPP	Portsmouth Genco LLC	VA	10071	GEN1	57.5	Conventional Steam Coal	BIT	ST
2015	9	56217	Portsmouth Operating Services LLC	IPP	Portsmouth Genco LLC	VA	10071	GEN2	57.5	Conventional Steam Coal	BIT	ST
2015	10	221	Alaska Village Elec Coop, Inc	Electric Utility	Hooper Bay	AK	6319	5	0.5	Petroleum Liquids	DFO	IC
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN1	4.0	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN2	4.0	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN3	7.5	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN4	7.5	Wood/Wood Waste Biomass	BLQ	ST
2015	10	8198	City of Harrisonburg - (VA)	Electric Utility	Harrisonburg Power Plant	VA	56006	ST-1	2.7	Natural Gas Steam Turbine	NG	ST
2015	10	9267	Hoosier Energy R E C, Inc	Electric Utility	Frank E Ratts	IN	1043	1	110.0	Conventional Steam Coal	BIT	ST
2015	10	9267	Hoosier Energy R E C, Inc	Electric Utility	Frank E Ratts	IN	1043	2	100.0	Conventional Steam Coal	BIT	ST
2015	10	20838	Win-Sam Inc	Commercial	University of Texas at San Antonio	TX	54606	GEN1	3.3	Natural Gas Internal Combustion Engine	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	7175	General Mills Operations Inc	Industrial	General Mills Operations Lodi	CA	10031	1	3.2	Natural Gas Fired Combustion Turbine	NG	GT
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	12897	Moose Lake Water & Light Comm	Electric Utility	Moose Lake	MN	1996	2	1.1	Petroleum Liquids	DFO	IC
2015	12	13584	NRG El Segundo Operations Inc	IPP	El Segundo Power	CA	330	4	335.0	Natural Gas Steam Turbine	NG	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Alliant Techsystems	MN	7376	1	1.6	Petroleum Liquids	DFO	IC
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN1	1.6	Natural Gas Steam Turbine	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN2	1.6	Natural Gas Steam Turbine	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN4	5.2	Natural Gas Steam Turbine	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	Natural Gas Steam Turbine	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	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	Natural Gas Steam Turbine	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	4254	Consumers Energy Co	Electric Utility	B C Cobb	MI	1695	4	156.0	Conventional Steam Coal	SUB	ST
2016	4	4254	Consumers Energy Co	Electric Utility	B C Cobb	MI	1695	5	156.0	Conventional Steam Coal	SUB	ST
2016	4	4254	Consumers Energy Co	Electric Utility	J C Weadock	MI	1720	7	152.0	Conventional Steam Coal	SUB	ST
2016	4	4254	Consumers Energy Co	Electric Utility	J C Weadock	MI	1720	8	151.0	Conventional Steam Coal	SUB	ST
2016	4	4254	Consumers Energy Co	Electric Utility	J R Whiting	MI	1723	1	102.0	Conventional Steam Coal	SUB	ST
2016	4	4254	Consumers Energy Co	Electric Utility	J R Whiting	MI	1723	2	95.0	Conventional Steam Coal	SUB	ST
2016	4	4254	Consumers Energy Co	Electric Utility	J R Whiting	MI	1723	3	122.0	Conventional Steam Coal	SUB	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	2	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	3	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	4	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	5	95.0	Conventional Steam Coal	BIT	ST
2016	4	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	Natural Gas Steam Turbine	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

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	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	4	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	8	465.0	Conventional Steam Coal	BIT	ST
2016	5	4161	Constellation Power Source Gen	IPP	Riverside (MD)	MD	1559	4	74.0	Natural Gas Steam Turbine	NG	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	221	Alaska Village Elec Coop, Inc	Electric Utility	Mountain Village	AK	6329	4	0.6	Petroleum Liquids	DFO	IC
2016	6	1009	City of Austin - (MN)	Electric Utility	Austin Northeast	MN	1961	1	28.0	Natural Gas Steam Turbine	NG	ST
2016	6	3542	Duke Energy Ohio Inc	Electric Utility	Miami Fort	OH	2832	6	163.0	Conventional Steam Coal	BIT	ST
2016	6	50128	Georgia-Pacific Consr Ops LLC-Palatka	Industrial	Georgia-Pacific Palatka Operations	FL	10611	GEN2	7.0	Natural Gas Steam Turbine	NG	ST
2016	6	12807	Michigan South Central Pwr Agy	Electric Utility	Endicott Station	MI	4259	1	55.0	Conventional Steam Coal	BIT	ST
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	2	13.0	Natural Gas Steam Turbine	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	Natural Gas Steam Turbine	NG	ST
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	1	1.3	Conventional Hydroelectric	WAT	HY
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	2	1.3	Conventional Hydroelectric	WAT	HY
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	3	1.3	Conventional Hydroelectric	WAT	HY
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	4	1.2	Conventional Hydroelectric	WAT	HY
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	5	1.2	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	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	Natural Gas Steam Turbine	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	4	37.3	Natural Gas Steam Turbine	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC2	1.4	Petroleum Liquids	DFO	IC
2016	12	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	Natural Gas Steam Turbine	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	16.9	Petroleum Liquids	KER	GT
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	1	239.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	2	238.9	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	3	605.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	4	435.0	Petroleum Liquids	RFO	ST
2017	6	54899	NAES Corporation - (DE)	IPP	McKee Run	DE	599	1	17.0	Natural Gas Steam Turbine	NG	ST
2017	6	54899	NAES Corporation - (DE)	IPP	McKee Run	DE	599	2	17.0	Natural Gas Steam Turbine	NG	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	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	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	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	Natural Gas Steam Turbine	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	Natural Gas Steam Turbine	NG	ST
2017	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	85.6	Natural Gas Steam Turbine	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
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	Natural Gas Steam Turbine	NG	ST
2017	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	82.0	Natural Gas Steam Turbine	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	2	104.0	Natural Gas Steam Turbine	NG	ST

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	3	110.0	Natural Gas Steam Turbine	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	4	300.0	Natural Gas Steam Turbine	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	5	330.0	Natural Gas Steam Turbine	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	Natural Gas Steam Turbine	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	Dyer Road	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	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	1	51.0	Natural Gas Steam Turbine	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	2	51.0	Natural Gas Steam Turbine	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	3	116.5	Natural Gas Steam Turbine	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	4	257.0	Natural Gas Steam Turbine	NG	ST
2017	12	15466	Public Service Co of Colorado	Electric Utility	Valmont	CO	477	5	184.0	Conventional Steam Coal	BIT	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	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	Natural Gas Steam Turbine	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	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	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8	103.8	Conventional Hydroelectric	WAT	HY
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	Natural Gas Steam Turbine	NG	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	102.0	Natural Gas Steam Turbine	NG	ST
2019	12	55951	Exelon Nuclear	IPP	Oyster Creek	NJ	2388	1	609.9	Nuclear	NUC	ST
2019	12	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	49.8	Conventional Steam Coal	SUB	ST
2019	12	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	47.1	Conventional Steam Coal	SUB	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	3	107.0	Natural Gas Steam Turbine	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	Natural Gas Internal Combustion Engine	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	6	58177	Raven Power Holdings LLC	IPP	C P Crane	MD	1552	1	190.0	Conventional Steam Coal	SUB	ST
2020	6	58177	Raven Power Holdings LLC	IPP	C P Crane	MD	1552	2	195.0	Conventional Steam Coal	SUB	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	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Lake Road (MO)	MO	2098	4	96.3	Conventional Steam Coal	SUB	ST
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	1	174.0	Natural Gas Steam Turbine	NG	ST
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	2	177.0	Natural Gas Steam Turbine	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	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	5.8	Natural Gas Internal Combustion Engine	NG	IC
2021	1	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	1	76.0	Natural Gas Steam Turbine	NG	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	Natural Gas Steam Turbine	NG	ST
2021	12	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	2	164.0	Conventional Steam Coal	SUB	ST
2021	12	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	3	176.0	Conventional Steam Coal	SUB	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweatt	MS	2048	1	46.0	Natural Gas Steam Turbine	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweatt	MS	2048	2	46.0	Natural Gas Steam Turbine	NG	ST
2021	12	17166	Sierra Pacific Power Co	Electric Utility	North Valmy	NV	8224	1	254.0	Conventional Steam Coal	BIT	ST
2022	1	59409	Eco Services Operations LLC	Industrial	Houston Plant	TX	52065	GEN2	1.5	All Other	OTH	ST
2022	8	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	1	75.0	Natural Gas Steam Turbine	NG	ST
2022	9	177	AES Hawaii Inc	Electric CHP	AES Hawaii	HI	10673	GEN1	180.0	Conventional Steam Coal	BIT	ST
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY1	0.7	Conventional Hydroelectric	WAT	HY
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY2	0.7	Conventional Hydroelectric	WAT	HY
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTA	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTB	21.7	Natural Gas Fired Combined Cycle	NG	CT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2023	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	Cornell	WI	6086	4	0.4	Conventional Hydroelectric	WAT	HY
2023	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Horseshoe Lake	OK	2951	6	166.0	Natural Gas Steam Turbine	NG	ST
2024	7	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN1	18.0	Natural Gas Steam Turbine	NG	ST
2024	7	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN3	18.0	Natural Gas Steam Turbine	NG	ST
2034	3	58710	Lakeswind Power Partners	IPP	Lakeswind Power Partners	MN	58836	LW1	50.0	Onshore Wind Turbine	WND	WT
2034	6	58944	Enerparc CA 1, LLC	IPP	Enerparc CA1 LLC	CA	59122	ECA11	1.5	Solar Photovoltaic	SUN	PV
2045		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-June 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%
April	42.8%	47.5%	5.7%	9.9%	NA	12.5%	1.1%	6.9%
May	49.7%	49.4%	6.9%	9.6%	NA	13.7%	1.5%	7.1%
June	62.5%	61.4%	8.3%	14.0%	NA	13.7%	1.2%	6.5%

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-June 2015

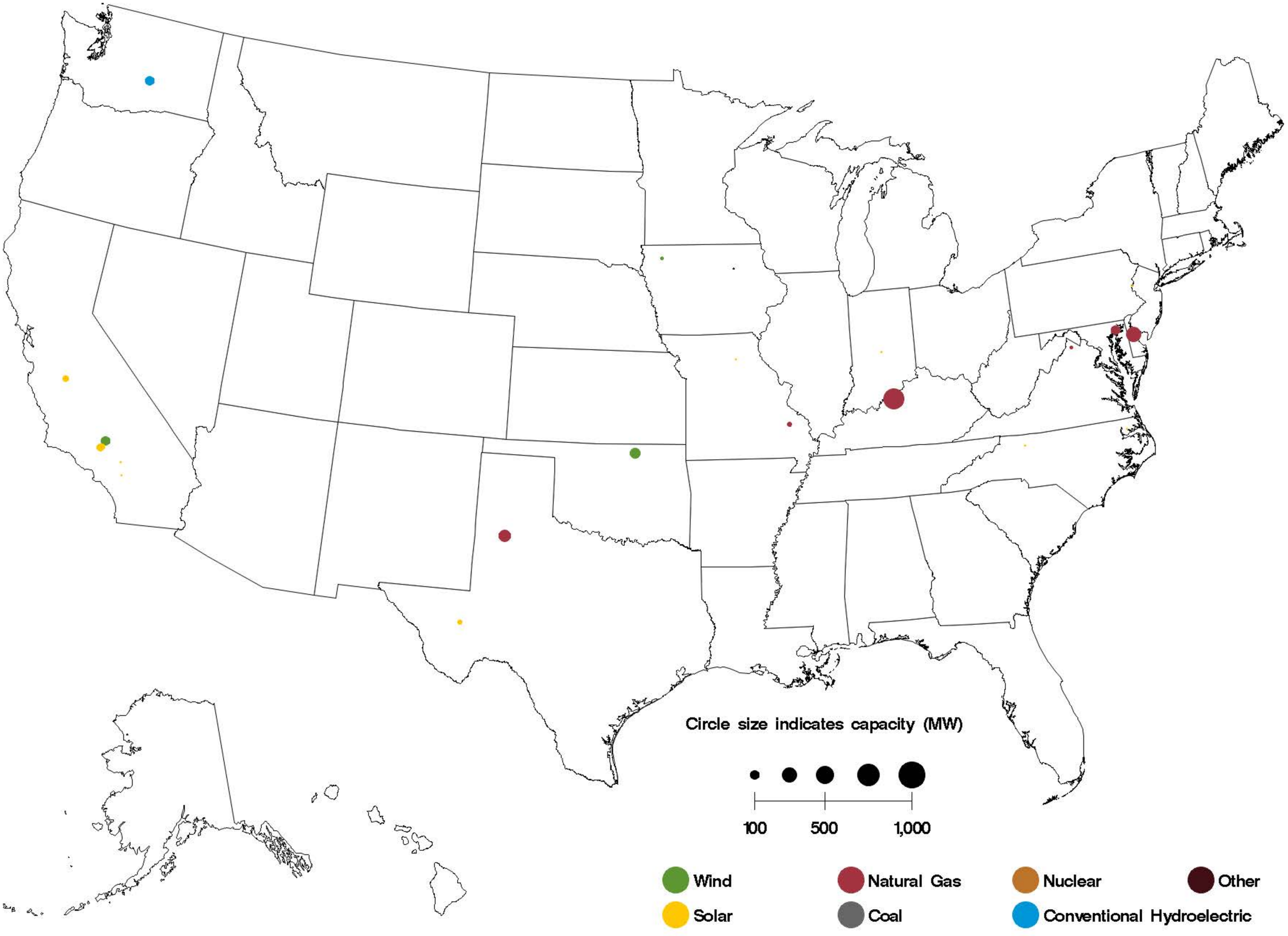
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2013	89.9%	38.9%	32.4%	NA	NA	68.9%	56.7%	73.6%
2014	91.7%	37.5%	33.9%	27.8%	19.5%	68.9%	52.1%	68.8%
Year 2013								
January	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%
April	84.1%	39.5%	37.6%	33.9%	31.8%	65.5%	40.8%	70.8%
May	89.7%	34.3%	35.0%	33.9%	31.1%	67.3%	46.4%	74.4%
June	96.4%	35.0%	28.2%	34.2%	34.5%	69.6%	52.2%	72.3%

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.

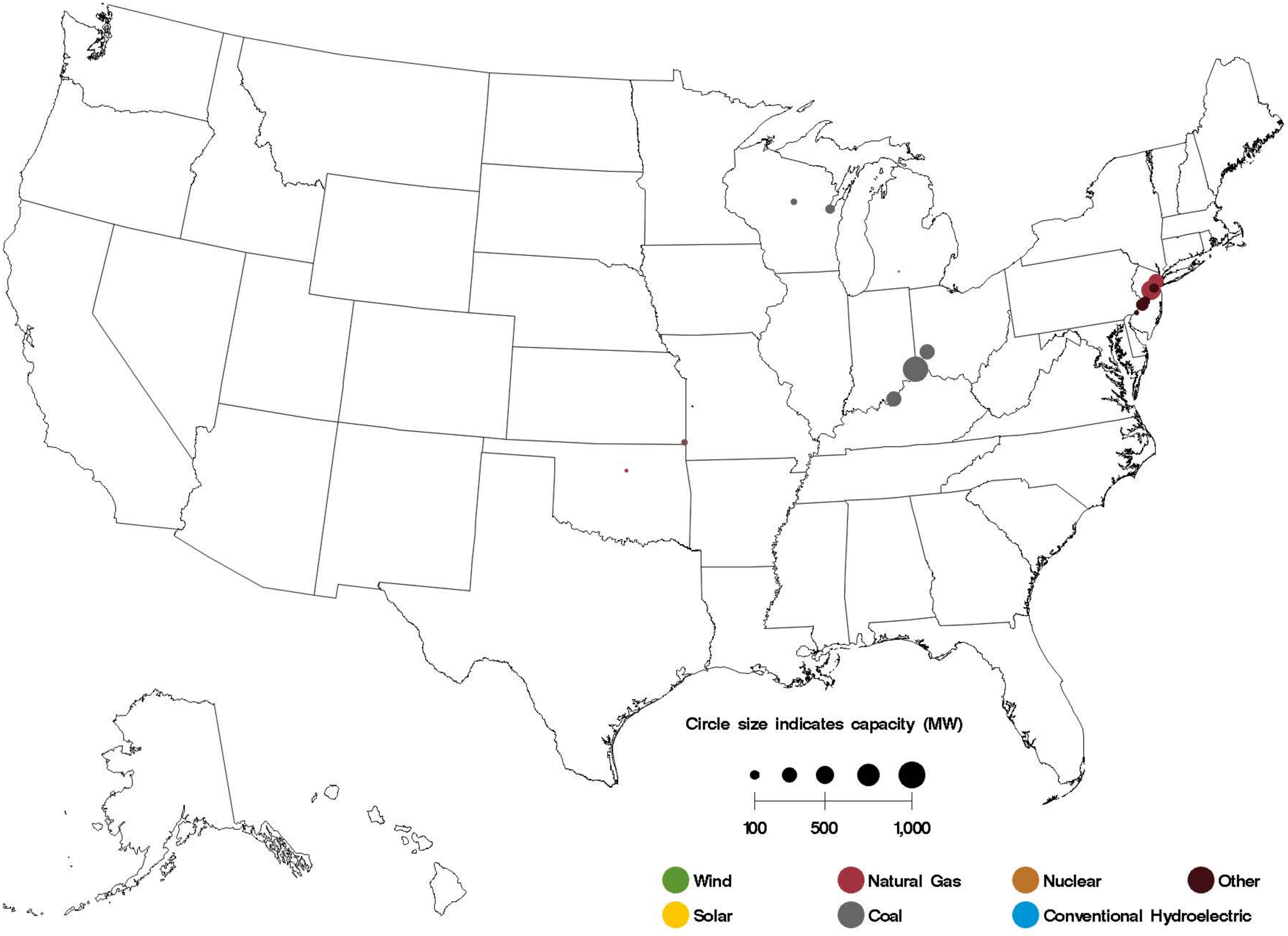
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



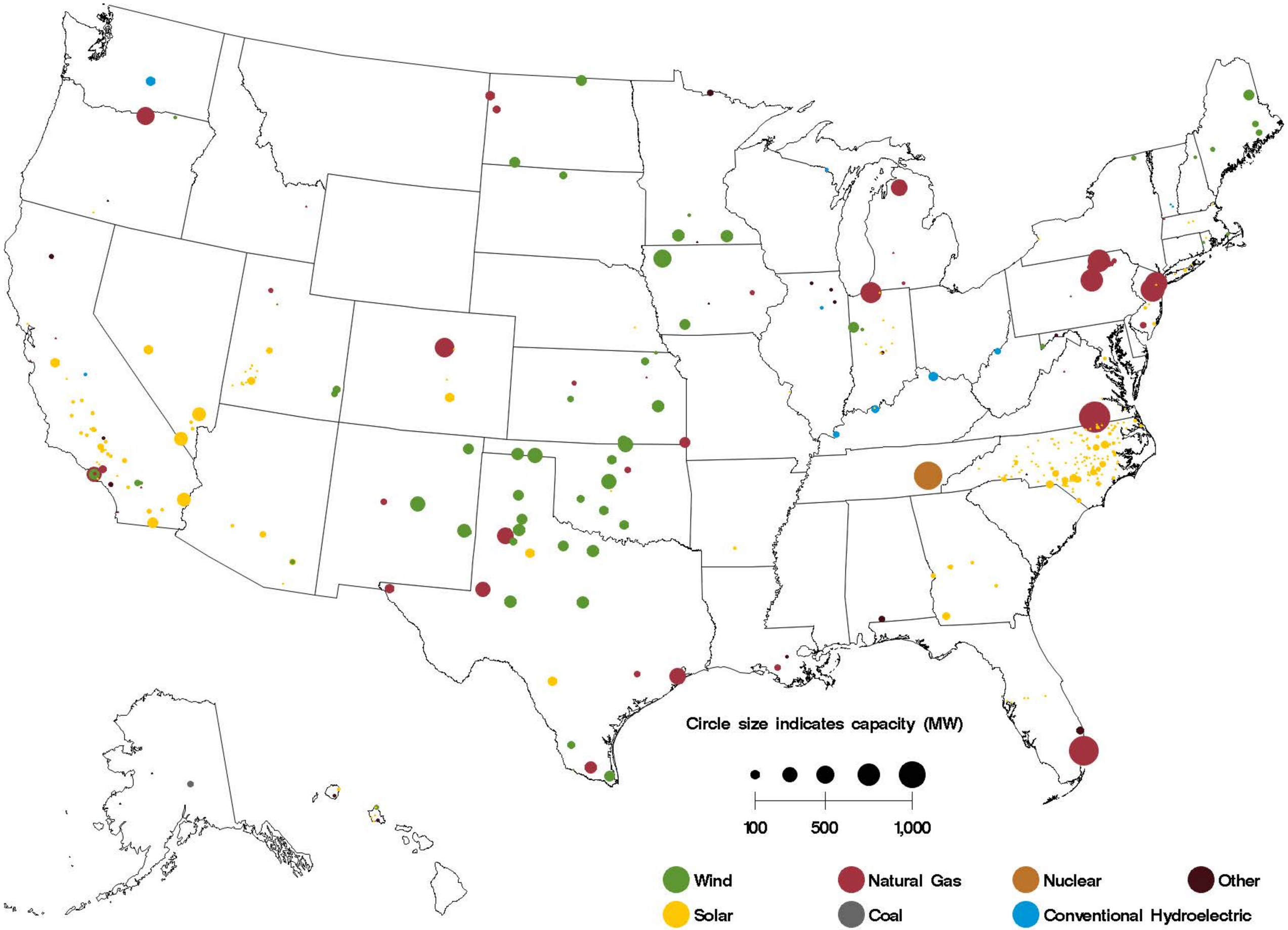
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

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



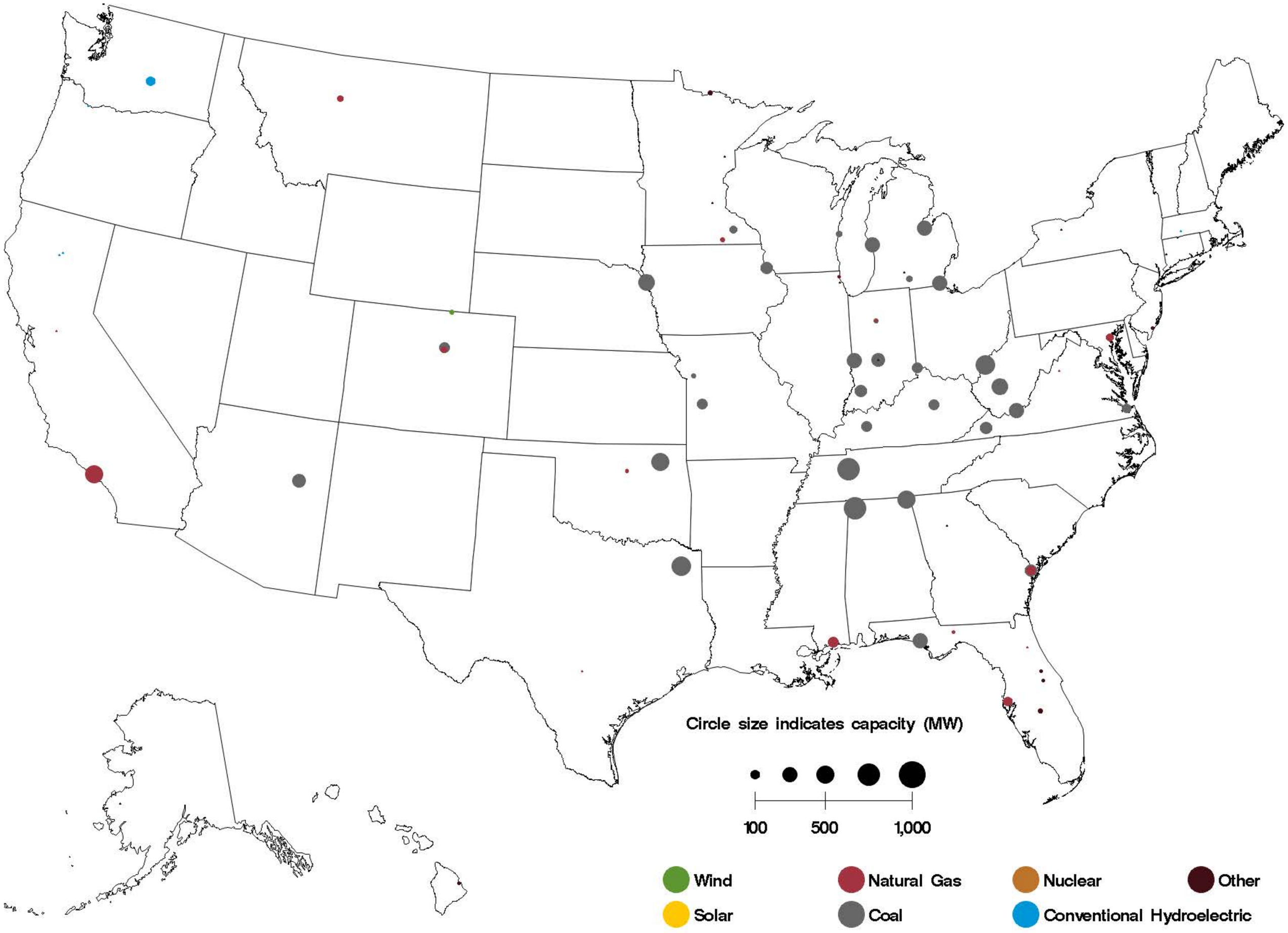
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from July 2015 to June 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 July 2015 to June 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, June 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**23**	**33**	**0**	**2**	**0**	**0**	**14**
Connecticut	0	85	0	3	0	0	90
Maine	0	66	0	15	0	0	20
Massachusetts	101	45	0	3	0	0	41
New Hampshire	0	149	0	1	0	0	17
Rhode Island	0	111	0	2	0	0	816
Vermont	0	361	0	0	0	0	50
Middle Atlantic	**2**	**13**	**93**	**2**	**16**	**0**	**4**
New Jersey	0	58	229	3	36	0	298
New York	27	22	0	4	0	0	4
Pennsylvania	2	13	101	2	13	0	17
East North Central	**0**	**3**	**2**	**1**	**6**	**0**	**18**
Illinois	0	16	0	7	28	0	95
Indiana	0	4	0	4	7	0	32
Michigan	2	10	10	2	0	0	33
Ohio	1	4	3	2	18	0	59
Wisconsin	0	49	0	2	0	0	28
West North Central	**1**	**12**	**200**	**5**	**77**	**0**	**5**
Iowa	2	23	200	9	0	0	49
Kansas	0	75	0	26	0	0	418
Minnesota	4	55	0	3	0	0	51
Missouri	0	12	0	13	0	0	4
Nebraska	2	49	0	14	0	0	37
North Dakota	2	9	0	80	77	0	0
South Dakota	0	319	0	15	0	0	0
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**11**
Delaware	0	20	0	7	0	0	0
District of Columbia	0	0	0	125	0	0	0
Florida	0	6	0	1	0	0	118
Georgia	0	28	0	1	0	0	23
Maryland	0	21	0	12	0	0	5
North Carolina	1	12	0	1	0	0	20
South Carolina	0	37	0	2	0	0	30
Virginia	2	7	0	0	0	0	41
West Virginia	0	0	0	1	0	0	34
East South Central	**1**	**9**	**0**	**1**	**37**	**0**	**9**
Alabama	1	44	0	1	40	0	15
Kentucky	1	8	0	12	0	0	14
Mississippi	0	45	0	1	0	0	0
Tennessee	0	3	0	1	0	0	15
West South Central	**0**	**6**	**8**	**0**	**5**	**0**	**7**
Arkansas	0	10	0	2	0	0	14
Louisiana	0	9	8	1	6	0	0
Oklahoma	1	47	0	1	0	0	9
Texas	0	8	39	1	7	0	32
Mountain	**1**	**8**	**0**	**1**	**7**	**0**	**3**
Arizona	0	6	0	1	0	0	2
Colorado	1	105	0	4	0	0	21
Idaho	60	2,534	0	3	0	0	8
Montana	5	31	0	42	0	0	4
Nevada	0	2	0	1	0	0	4
New Mexico	0	14	0	7	0	0	99
Utah	1	40	0	5	418	0	50
Wyoming	2	10	0	21	5	0	7
Pacific Contiguous	**1**	**11**	**626**	**1**	**6**	**0**	**1**
California	21	14	626	2	7	0	3
Oregon	0	10	0	1	0	0	4
Washington	0	29	0	2	0	0	2
Pacific Noncontiguous	**5**	**2**	**0**	**12**	**238**	**0**	**23**
Alaska	14	15	0	12	0	0	23
Hawaii	4	2	0	0	238	0	116
U.S. Total	**0**	**2**	**3**	**0**	**3**	**0**	**2**

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

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

Total (All Sectors) by Census Division and State, June 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**	**13**	**4**	**0**	**6**	**1**
Connecticut	0	0	0	78	5	0	8	2
Maine	0	0	0	0	3	0	16	8
Massachusetts	0	0	0	14	7	0	7	3
New Hampshire	0	0	0	0	14	0	43	2
Rhode Island	0	0	0	93	9	0	0	2
Vermont	0	0	0	44	16	0	0	31
Middle Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	14	8	0	8	2
New York	0	0	0	28	3	0	9	2
Pennsylvania	0	0	0	42	3	0	6	1
East North Central	**0**	**0**	**0**	**20**	**2**	**0**	**8**	**0**
Illinois	0	0	0	44	1	0	27	0
Indiana	0	0	0	26	2	0	4	1
Michigan	0	0	0	0	4	0	13	1
Ohio	0	0	0	43	6	0	0	1
Wisconsin	0	0	0	245	7	0	34	1
West North Central	**0**	**0**	**0**	**68**	**1**	**0**	**12**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	245	0	0	0	1
Minnesota	0	0	0	188	3	0	14	2
Missouri	0	0	0	76	4	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	59	2
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**7**	**2**	**0**	**3**	**0**
Delaware	0	0	0	43	29	0	0	6
District of Columbia	0	0	0	0	0	0	0	125
Florida	0	0	0	12	4	0	4	0
Georgia	0	0	0	25	4	0	0	0
Maryland	0	0	0	26	5	0	1	2
North Carolina	0	0	0	9	6	0	28	1
South Carolina	0	0	0	155	3	0	16	1
Virginia	0	0	0	0	3	0	8	1
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**38**	**5**	**0**	**9**	**0**
Alabama	0	0	0	0	8	0	0	1
Kentucky	0	0	0	0	8	0	0	1
Mississippi	0	0	0	0	5	0	221	0
Tennessee	0	0	0	38	13	0	0	1
West South Central	**0**	**0**	**0**	**11**	**1**	**0**	**9**	**0**
Arkansas	0	0	0	0	5	0	0	1
Louisiana	0	0	0	0	9	0	10	1
Oklahoma	0	0	0	0	1	0	120	1
Texas	0	0	0	11	1	0	12	0
Mountain	**0**	**5**	**0**	**2**	**1**	**0**	**7**	**1**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	14	1	0	66	1
Idaho	0	59	0	0	5	0	0	4
Montana	0	0	0	0	4	0	0	3
Nevada	0	6	0	4	4	0	70	1
New Mexico	0	152	0	11	5	0	1,400	2
Utah	0	8	0	121	5	0	7	1
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	**0**	**3**	**0**	**2**	**1**	**0**	**12**	**1**
California	0	3	0	2	1	0	13	1
Oregon	0	0	0	54	2	0	58	2
Washington	0	0	0	0	2	0	26	1
Pacific Noncontiguous	**0**	**0**	**0**	**48**	**7**	**0**	**0**	**3**
Alaska	0	0	0	0	31	0	0	9
Hawaii	0	0	0	48	6	0	0	2
U.S. Total	**0**	**3**	**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 June 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**23**	**33**	**0**	**2**	**0**	**0**	**14**
Connecticut	0	85	0	3	0	0	90
Maine	0	66	0	15	0	0	20
Massachusetts	101	45	0	3	0	0	41
New Hampshire	0	149	0	1	0	0	17
Rhode Island	0	111	0	2	0	0	816
Vermont	0	361	0	0	0	0	50
Middle Atlantic	**2**	**13**	**93**	**2**	**16**	**0**	**4**
New Jersey	0	58	229	3	36	0	298
New York	27	22	0	4	0	0	4
Pennsylvania	2	13	101	2	13	0	17
East North Central	**0**	**3**	**2**	**1**	**6**	**0**	**18**
Illinois	0	16	0	7	28	0	95
Indiana	0	4	0	4	7	0	32
Michigan	2	10	10	2	0	0	33
Ohio	1	4	3	2	18	0	59
Wisconsin	0	49	0	2	0	0	28
West North Central	**1**	**12**	**200**	**5**	**77**	**0**	**5**
Iowa	2	23	200	9	0	0	49
Kansas	0	75	0	26	0	0	418
Minnesota	4	55	0	3	0	0	51
Missouri	0	12	0	13	0	0	4
Nebraska	2	49	0	14	0	0	37
North Dakota	2	9	0	80	77	0	0
South Dakota	0	319	0	15	0	0	0
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**11**
Delaware	0	20	0	7	0	0	0
District of Columbia	0	0	0	125	0	0	0
Florida	0	6	0	1	0	0	118
Georgia	0	28	0	1	0	0	23
Maryland	0	21	0	12	0	0	5
North Carolina	1	12	0	1	0	0	20
South Carolina	0	37	0	2	0	0	30
Virginia	2	7	0	0	0	0	41
West Virginia	0	0	0	1	0	0	34
East South Central	**1**	**9**	**0**	**1**	**37**	**0**	**9**
Alabama	1	44	0	1	40	0	15
Kentucky	1	8	0	12	0	0	14
Mississippi	0	45	0	1	0	0	0
Tennessee	0	3	0	1	0	0	15
West South Central	**0**	**6**	**8**	**0**	**5**	**0**	**7**
Arkansas	0	10	0	2	0	0	14
Louisiana	0	9	8	1	6	0	0
Oklahoma	1	47	0	1	0	0	9
Texas	0	8	39	1	7	0	32
Mountain	**1**	**8**	**0**	**1**	**7**	**0**	**3**
Arizona	0	6	0	1	0	0	2
Colorado	1	105	0	4	0	0	21
Idaho	60	2,534	0	3	0	0	8
Montana	5	31	0	42	0	0	4
Nevada	0	2	0	1	0	0	4
New Mexico	0	14	0	7	0	0	99
Utah	1	40	0	5	418	0	50
Wyoming	2	10	0	21	5	0	7
Pacific Contiguous	**1**	**11**	**626**	**1**	**6**	**0**	**1**
California	21	14	626	2	7	0	3
Oregon	0	10	0	1	0	0	4
Washington	0	29	0	2	0	0	2
Pacific Noncontiguous	**5**	**2**	**0**	**12**	**238**	**0**	**23**
Alaska	14	15	0	12	0	0	23
Hawaii	4	2	0	0	238	0	116
U.S. Total	**0**	**2**	**3**	**0**	**3**	**0**	**2**

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

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

Total (All Sectors) by Census Division and State, Year-to-Date through June 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**	**13**	**4**	**0**	**6**	**1**
Connecticut	0	0	0	78	5	0	8	2
Maine	0	0	0	0	3	0	16	8
Massachusetts	0	0	0	14	7	0	7	3
New Hampshire	0	0	0	0	14	0	43	2
Rhode Island	0	0	0	93	9	0	0	2
Vermont	0	0	0	44	16	0	0	31
Middle Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	14	8	0	8	2
New York	0	0	0	28	3	0	9	2
Pennsylvania	0	0	0	42	3	0	6	1
East North Central	**0**	**0**	**0**	**20**	**2**	**0**	**8**	**0**
Illinois	0	0	0	44	1	0	27	0
Indiana	0	0	0	26	2	0	4	1
Michigan	0	0	0	0	4	0	13	1
Ohio	0	0	0	43	6	0	0	1
Wisconsin	0	0	0	245	7	0	34	1
West North Central	**0**	**0**	**0**	**68**	**1**	**0**	**12**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	245	0	0	0	1
Minnesota	0	0	0	188	3	0	14	2
Missouri	0	0	0	76	4	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	59	2
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**7**	**2**	**0**	**3**	**0**
Delaware	0	0	0	43	29	0	0	6
District of Columbia	0	0	0	0	0	0	0	125
Florida	0	0	0	12	4	0	4	0
Georgia	0	0	0	25	4	0	0	0
Maryland	0	0	0	26	5	0	1	2
North Carolina	0	0	0	9	6	0	28	1
South Carolina	0	0	0	155	3	0	16	1
Virginia	0	0	0	0	3	0	8	1
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**38**	**5**	**0**	**9**	**0**
Alabama	0	0	0	0	8	0	0	1
Kentucky	0	0	0	0	8	0	0	1
Mississippi	0	0	0	0	5	0	221	0
Tennessee	0	0	0	38	13	0	0	1
West South Central	**0**	**0**	**0**	**11**	**1**	**0**	**9**	**0**
Arkansas	0	0	0	0	5	0	0	1
Louisiana	0	0	0	0	9	0	10	1
Oklahoma	0	0	0	0	1	0	120	1
Texas	0	0	0	11	1	0	12	0
Mountain	**0**	**5**	**0**	**2**	**1**	**0**	**7**	**1**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	14	1	0	66	1
Idaho	0	59	0	0	5	0	0	4
Montana	0	0	0	0	4	0	0	3
Nevada	0	6	0	4	4	0	70	1
New Mexico	0	152	0	11	5	0	1,400	2
Utah	0	8	0	121	5	0	7	1
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	**0**	**3**	**0**	**2**	**1**	**0**	**12**	**1**
California	0	3	0	2	1	0	13	1
Oregon	0	0	0	54	2	0	58	2
Washington	0	0	0	0	2	0	26	1
Pacific Noncontiguous	**0**	**0**	**0**	**48**	**7**	**0**	**0**	**3**
Alaska	0	0	0	0	31	0	0	9
Hawaii	0	0	0	48	6	0	0	2
U.S. Total	**0**	**3**	**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, June 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**100**	**0**	**18**	**0**	**0**	**41**
Connecticut	0	212	0	0	0	0	305
Maine	0	1,035	0	0	0	0	0
Massachusetts	0	178	0	18	0	0	108
New Hampshire	0	402	0	0	0	0	32
Rhode Island	0	151	0	0	0	0	0
Vermont	0	443	0	0	0	0	75
Middle Atlantic	**491**	**30**	**0**	**11**	**0**	**0**	**2**
New Jersey	0	1,935	0	452	0	0	0
New York	491	30	0	11	0	0	2
Pennsylvania	0	783	0	1,294	0	0	194
East North Central	**0**	**3**	**0**	**3**	**0**	**0**	**20**
Illinois	0	55	0	69	0	0	266
Indiana	0	2	0	5	0	0	32
Michigan	2	11	0	6	0	0	35
Ohio	1	4	0	5	0	0	59
Wisconsin	0	47	0	4	0	0	30
West North Central	**1**	**12**	**0**	**6**	**0**	**0**	**5**
Iowa	2	22	0	9	0	0	49
Kansas	0	75	0	27	0	0	0
Minnesota	4	58	0	3	0	0	72
Missouri	0	12	0	18	0	0	4
Nebraska	2	49	0	14	0	0	37
North Dakota	2	7	0	0	0	0	0
South Dakota	0	348	0	15	0	0	0
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**13**
Delaware	0	2,355	0	539	0	0	0
Florida	0	6	0	0	0	0	118
Georgia	0	23	0	1	0	0	23
Maryland	0	108	0	0	0	0	0
North Carolina	0	7	0	1	0	0	20
South Carolina	0	41	0	2	0	0	30
Virginia	0	5	0	0	0	0	42
West Virginia	0	0	0	0	0	0	82
East South Central	**1**	**3**	**0**	**1**	**0**	**0**	**9**
Alabama	1	0	0	5	0	0	15
Kentucky	1	8	0	19	0	0	14
Mississippi	0	49	0	1	0	0	0
Tennessee	0	1	0	0	0	0	15
West South Central	**0**	**5**	**0**	**1**	**0**	**0**	**8**
Arkansas	0	14	0	7	0	0	14
Louisiana	0	9	0	1	0	0	0
Oklahoma	0	18	0	2	0	0	9
Texas	0	2	0	2	0	0	31
Mountain	**1**	**8**	**0**	**1**	**0**	**0**	**3**
Arizona	0	5	0	1	0	0	2
Colorado	1	105	0	4	0	0	21
Idaho	0	2,534	0	3	0	0	8
Montana	141	371	0	43	0	0	5
Nevada	0	2	0	0	0	0	1
New Mexico	0	14	0	14	0	0	99
Utah	0	31	0	3	0	0	50
Wyoming	2	9	0	163	0	0	7
Pacific Contiguous	**0**	**8**	**0**	**2**	**0**	**0**	**1**
California	0	9	0	3	0	0	2
Oregon	0	0	0	0	0	0	4
Washington	0	275	0	3	0	0	2
Pacific Noncontiguous	**0**	**2**	**0**	**12**	**0**	**0**	**23**
Alaska	0	15	0	12	0	0	23
Hawaii	0	2	0	0	0	0	298
U.S. Total	**0**	**2**	**0**	**0**	**0**	**0**	**2**

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

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

Electric Utilities by Census Division and State, June 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**	**123**	**4**	**0**	**0**	**18**
Connecticut	0	0	0	0	0	0	0	262
Maine	0	0	0	0	0	0	0	1,035
Massachusetts	0	0	0	123	55	0	0	35
New Hampshire	0	0	0	0	0	0	0	15
Rhode Island	0	0	0	0	0	0	0	151
Vermont	0	0	0	0	0	0	0	39
Middle Atlantic	**0**	**0**	**0**	**41**	**41**	**0**	**0**	**4**
New Jersey	0	0	0	41	41	0	0	41
New York	0	0	0	0	0	0	0	4
Pennsylvania	0	0	0	0	0	0	0	223
East North Central	**0**	**0**	**0**	**101**	**3**	**0**	**16**	**1**
Illinois	0	0	0	448	125	0	0	5
Indiana	0	0	0	142	16	0	0	1
Michigan	0	0	0	0	3	0	172	1
Ohio	0	0	0	148	77	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**7**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	6	0	0	2
Missouri	0	0	0	0	47	0	0	1
Nebraska	0	0	0	0	13	0	0	2
North Dakota	0	0	0	0	2	0	59	2
South Dakota	0	0	0	0	2	0	0	3
South Atlantic	**0**	**0**	**0**	**9**	**2**	**0**	**0**	**0**
Delaware	0	0	0	123	123	0	0	431
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	105	105	0	0	1
Maryland	0	0	0	108	108	0	0	79
North Carolina	0	0	0	128	128	0	0	1
South Carolina	0	0	0	0	7	0	0	1
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**0**	**29**	**0**	**0**	**1**
Alabama	0	0	0	0	0	0	0	1
Kentucky	0	0	0	0	29	0	0	1
Mississippi	0	0	0	0	0	0	0	1
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	1
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	2	0	0	1
Mountain	**0**	**0**	**0**	**11**	**4**	**0**	**70**	**1**
Arizona	0	0	0	11	10	0	0	0
Colorado	0	0	0	0	22	0	0	1
Idaho	0	0	0	0	8	0	0	6
Montana	0	0	0	0	0	0	0	7
Nevada	0	0	0	0	0	0	70	0
New Mexico	0	0	0	30	30	0	1,400	2
Utah	0	0	0	0	0	0	0	1
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**14**	**1**	**0**	**0**	**1**
California	0	0	0	14	3	0	0	2
Oregon	0	0	0	118	1	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**71**	**35**	**0**	**0**	**4**
Alaska	0	0	0	0	45	0	0	9
Hawaii	0	0	0	71	56	0	0	2
U.S. Total	**0**	**0**	**0**	**8**	**1**	**0**	**6**	**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 June 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**100**	**0**	**18**	**0**	**0**	**41**
Connecticut	0	212	0	0	0	0	305
Maine	0	1,035	0	0	0	0	0
Massachusetts	0	178	0	18	0	0	108
New Hampshire	0	402	0	0	0	0	32
Rhode Island	0	151	0	0	0	0	0
Vermont	0	443	0	0	0	0	75
Middle Atlantic	**491**	**30**	**0**	**11**	**0**	**0**	**2**
New Jersey	0	1,935	0	452	0	0	0
New York	491	30	0	11	0	0	2
Pennsylvania	0	783	0	1,294	0	0	194
East North Central	**0**	**3**	**0**	**3**	**0**	**0**	**20**
Illinois	0	55	0	69	0	0	266
Indiana	0	2	0	5	0	0	32
Michigan	2	11	0	6	0	0	35
Ohio	1	4	0	5	0	0	59
Wisconsin	0	47	0	4	0	0	30
West North Central	**1**	**12**	**0**	**6**	**0**	**0**	**5**
Iowa	2	22	0	9	0	0	49
Kansas	0	75	0	27	0	0	0
Minnesota	4	58	0	3	0	0	72
Missouri	0	12	0	18	0	0	4
Nebraska	2	49	0	14	0	0	37
North Dakota	2	7	0	0	0	0	0
South Dakota	0	348	0	15	0	0	0
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**13**
Delaware	0	2,355	0	539	0	0	0
Florida	0	6	0	0	0	0	118
Georgia	0	23	0	1	0	0	23
Maryland	0	108	0	0	0	0	0
North Carolina	0	7	0	1	0	0	20
South Carolina	0	41	0	2	0	0	30
Virginia	0	5	0	0	0	0	42
West Virginia	0	0	0	0	0	0	82
East South Central	**1**	**3**	**0**	**1**	**0**	**0**	**9**
Alabama	1	0	0	5	0	0	15
Kentucky	1	8	0	19	0	0	14
Mississippi	0	49	0	1	0	0	0
Tennessee	0	1	0	0	0	0	15
West South Central	**0**	**5**	**0**	**1**	**0**	**0**	**8**
Arkansas	0	14	0	7	0	0	14
Louisiana	0	9	0	1	0	0	0
Oklahoma	0	18	0	2	0	0	9
Texas	0	2	0	2	0	0	31
Mountain	**1**	**8**	**0**	**1**	**0**	**0**	**3**
Arizona	0	5	0	1	0	0	2
Colorado	1	105	0	4	0	0	21
Idaho	0	2,534	0	3	0	0	8
Montana	141	371	0	43	0	0	5
Nevada	0	2	0	0	0	0	1
New Mexico	0	14	0	14	0	0	99
Utah	0	31	0	3	0	0	50
Wyoming	2	9	0	163	0	0	7
Pacific Contiguous	**0**	**8**	**0**	**2**	**0**	**0**	**1**
California	0	9	0	3	0	0	2
Oregon	0	0	0	0	0	0	4
Washington	0	275	0	3	0	0	2
Pacific Noncontiguous	**0**	**2**	**0**	**12**	**0**	**0**	**23**
Alaska	0	15	0	12	0	0	23
Hawaii	0	2	0	0	0	0	298
U.S. Total	**0**	**2**	**0**	**0**	**0**	**0**	**2**

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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 June 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**	**123**	**4**	**0**	**0**	**18**
Connecticut	0	0	0	0	0	0	0	262
Maine	0	0	0	0	0	0	0	1,035
Massachusetts	0	0	0	123	55	0	0	35
New Hampshire	0	0	0	0	0	0	0	15
Rhode Island	0	0	0	0	0	0	0	151
Vermont	0	0	0	0	0	0	0	39
Middle Atlantic	**0**	**0**	**0**	**41**	**41**	**0**	**0**	**4**
New Jersey	0	0	0	41	41	0	0	41
New York	0	0	0	0	0	0	0	4
Pennsylvania	0	0	0	0	0	0	0	223
East North Central	**0**	**0**	**0**	**101**	**3**	**0**	**16**	**1**
Illinois	0	0	0	448	125	0	0	5
Indiana	0	0	0	142	16	0	0	1
Michigan	0	0	0	0	3	0	172	1
Ohio	0	0	0	148	77	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**7**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	6	0	0	2
Missouri	0	0	0	0	47	0	0	1
Nebraska	0	0	0	0	13	0	0	2
North Dakota	0	0	0	0	2	0	59	2
South Dakota	0	0	0	0	2	0	0	3
South Atlantic	**0**	**0**	**0**	**9**	**2**	**0**	**0**	**0**
Delaware	0	0	0	123	123	0	0	431
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	105	105	0	0	1
Maryland	0	0	0	108	108	0	0	79
North Carolina	0	0	0	128	128	0	0	1
South Carolina	0	0	0	0	7	0	0	1
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**0**	**29**	**0**	**0**	**1**
Alabama	0	0	0	0	0	0	0	1
Kentucky	0	0	0	0	29	0	0	1
Mississippi	0	0	0	0	0	0	0	1
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	1
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	2	0	0	1
Mountain	**0**	**0**	**0**	**11**	**4**	**0**	**70**	**1**
Arizona	0	0	0	11	10	0	0	0
Colorado	0	0	0	0	22	0	0	1
Idaho	0	0	0	0	8	0	0	6
Montana	0	0	0	0	0	0	0	7
Nevada	0	0	0	0	0	0	70	0
New Mexico	0	0	0	30	30	0	1,400	2
Utah	0	0	0	0	0	0	0	1
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**14**	**1**	**0**	**0**	**1**
California	0	0	0	14	3	0	0	2
Oregon	0	0	0	118	1	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**71**	**35**	**0**	**0**	**4**
Alaska	0	0	0	0	45	0	0	9
Hawaii	0	0	0	71	56	0	0	2
U.S. Total	**0**	**0**	**0**	**8**	**1**	**0**	**6**	**0**

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

Independent Power Producers by Census Division and State, June 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**41**	**0**	**2**	**0**	**0**	**15**
Connecticut	0	84	0	2	0	0	94
Maine	0	49	0	5	0	0	22
Massachusetts	0	50	0	3	0	0	42
New Hampshire	0	1,691	0	0	0	0	20
Rhode Island	0	0	0	1	0	0	816
Vermont	0	0	0	0	0	0	65
Middle Atlantic	**2**	**16**	**0**	**2**	**0**	**0**	**16**
New Jersey	0	30	0	3	0	0	298
New York	30	70	0	3	0	0	25
Pennsylvania	2	12	0	2	0	0	16
East North Central	**0**	**2**	**0**	**1**	**8**	**0**	**61**
Illinois	0	0	0	5	0	0	76
Indiana	0	0	0	14	0	0	0
Michigan	36	0	0	2	0	0	109
Ohio	0	3	0	1	20	0	0
Wisconsin	0	433	0	0	0	0	133
West North Central	**102**	**405**	**0**	**4**	**0**	**0**	**88**
Iowa	0	569	0	4,267	0	0	532
Kansas	0	0	0	0	0	0	418
Minnesota	0	804	0	7	0	0	90
Missouri	102	0	0	4	0	0	0
South Dakota	0	827	0	0	0	0	0
South Atlantic	**1**	**16**	**0**	**2**	**0**	**0**	**12**
Delaware	0	19	0	7	0	0	0
Florida	0	217	0	5	0	0	0
Georgia	0	2,182	0	1	0	0	442
Maryland	0	17	0	12	0	0	5
North Carolina	28	202	0	0	0	0	229
South Carolina	0	266	0	5	0	0	189
Virginia	31	33	0	1	0	0	209
West Virginia	1	0	0	1	0	0	27
East South Central	**0**	**192**	**0**	**0**	**0**	**0**	**616**
Alabama	0	192	0	0	0	0	0
Kentucky	0	0	0	0	0	0	616
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**	**10**
Arkansas	0	0	0	0	0	0	293
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	0	0	0	0	0	0	318
Mountain	**5**	**16**	**0**	**1**	**0**	**0**	**8**
Arizona	0	0	0	0	0	0	0
Colorado	96	0	0	6	0	0	92
Idaho	0	0	0	4	0	0	25
Montana	5	8	0	172	0	0	4
Nevada	0	0	0	3	0	0	179
New Mexico	0	0	0	2	0	0	0
Utah	45	468	0	40	0	0	410
Wyoming	92	0	0	249	0	0	398
Pacific Contiguous	**1**	**36**	**626**	**1**	**0**	**0**	**23**
California	97	48	626	2	0	0	18
Oregon	0	0	0	1	0	0	66
Washington	0	30	0	0	0	0	72
Pacific Noncontiguous	**5**	**4**	**0**	**0**	**0**	**0**	**0**
Alaska	26	0	0	0	0	0	0
Hawaii	0	4	0	0	0	0	0
U.S. Total	**1**	**4**	**2**	**0**	**5**	**0**	**7**

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

Independent Power Producers by Census Division and State, June 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**	**13**	**4**	**0**	**5**	**1**
Connecticut	0	0	0	78	5	0	8	1
Maine	0	0	0	0	2	0	11	10
Massachusetts	0	0	0	14	8	0	7	2
New Hampshire	0	0	0	0	18	0	43	2
Rhode Island	0	0	0	93	8	0	0	1
Vermont	0	0	0	44	34	0	0	46
Middle Atlantic	**0**	**0**	**0**	**14**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	16	9	0	11	2
New York	0	0	0	28	3	0	6	2
Pennsylvania	0	0	0	46	2	0	7	1
East North Central	**0**	**0**	**0**	**20**	**2**	**0**	**22**	**0**
Illinois	0	0	0	44	1	0	0	0
Indiana	0	0	0	26	2	0	0	2
Michigan	0	0	0	0	5	0	22	2
Ohio	0	0	0	47	6	0	0	0
Wisconsin	0	0	0	245	16	0	0	1
West North Central	**0**	**0**	**0**	**68**	**1**	**0**	**36**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	245	0	0	0	1
Minnesota	0	0	0	188	4	0	36	4
Missouri	0	0	0	76	4	0	0	3
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	1	0	0	1
South Atlantic	**0**	**0**	**0**	**8**	**3**	**0**	**5**	**1**
Delaware	0	0	0	46	30	0	0	7
District of Columbia	0	0	0	0	0	0	0	0
Florida	0	0	0	51	4	0	6	3
Georgia	0	0	0	25	12	0	0	1
Maryland	0	0	0	27	4	0	0	2
North Carolina	0	0	0	9	8	0	28	5
South Carolina	0	0	0	155	53	0	162	7
Virginia	0	0	0	0	5	0	0	3
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**38**	**11**	**0**	**0**	**0**
Alabama	0	0	0	0	4	0	0	0
Kentucky	0	0	0	0	0	0	0	5
Mississippi	0	0	0	0	81	0	0	0
Tennessee	0	0	0	38	24	0	0	24
West South Central	**0**	**0**	**0**	**11**	**0**	**0**	**163**	**0**
Arkansas	0	0	0	0	30	0	0	1
Louisiana	0	0	0	0	33	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	11	0	0	163	0
Mountain	**0**	**6**	**0**	**2**	**1**	**0**	**4**	**1**
Arizona	0	0	0	3	2	0	0	0
Colorado	0	0	0	14	1	0	158	4
Idaho	0	59	0	0	6	0	0	6
Montana	0	0	0	0	5	0	0	4
Nevada	0	6	0	3	4	0	0	2
New Mexico	0	152	0	11	4	0	0	2
Utah	0	20	0	121	6	0	205	17
Wyoming	0	0	0	0	4	0	0	35
Pacific Contiguous	**0**	**4**	**0**	**2**	**1**	**0**	**15**	**1**
California	0	4	0	2	1	0	16	1
Oregon	0	0	0	60	2	0	58	1
Washington	0	0	0	0	1	0	41	1
Pacific Noncontiguous	**0**	**0**	**0**	**65**	**8**	**0**	**0**	**3**
Alaska	0	0	0	0	66	0	0	24
Hawaii	0	0	0	65	7	0	0	2
U.S. Total	**0**	**4**	**0**	**2**	**1**	**0**	**3**	**0**

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**41**	**0**	**2**	**0**	**0**	**15**
Connecticut	0	84	0	2	0	0	94
Maine	0	49	0	5	0	0	22
Massachusetts	0	50	0	3	0	0	42
New Hampshire	0	1,691	0	0	0	0	20
Rhode Island	0	0	0	1	0	0	816
Vermont	0	0	0	0	0	0	65
Middle Atlantic	**2**	**16**	**0**	**2**	**0**	**0**	**16**
New Jersey	0	30	0	3	0	0	298
New York	30	70	0	3	0	0	25
Pennsylvania	2	12	0	2	0	0	16
East North Central	**0**	**2**	**0**	**1**	**8**	**0**	**61**
Illinois	0	0	0	5	0	0	76
Indiana	0	0	0	14	0	0	0
Michigan	36	0	0	2	0	0	109
Ohio	0	3	0	1	20	0	0
Wisconsin	0	433	0	0	0	0	133
West North Central	**102**	**405**	**0**	**4**	**0**	**0**	**88**
Iowa	0	569	0	4,267	0	0	532
Kansas	0	0	0	0	0	0	418
Minnesota	0	804	0	7	0	0	90
Missouri	102	0	0	4	0	0	0
South Dakota	0	827	0	0	0	0	0
South Atlantic	**1**	**16**	**0**	**2**	**0**	**0**	**12**
Delaware	0	19	0	7	0	0	0
Florida	0	217	0	5	0	0	0
Georgia	0	2,182	0	1	0	0	442
Maryland	0	17	0	12	0	0	5
North Carolina	28	202	0	0	0	0	229
South Carolina	0	266	0	5	0	0	189
Virginia	31	33	0	1	0	0	209
West Virginia	1	0	0	1	0	0	27
East South Central	**0**	**192**	**0**	**0**	**0**	**0**	**616**
Alabama	0	192	0	0	0	0	0
Kentucky	0	0	0	0	0	0	616
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**	**10**
Arkansas	0	0	0	0	0	0	293
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	0	0	0	0	0	0	318
Mountain	**5**	**16**	**0**	**1**	**0**	**0**	**8**
Arizona	0	0	0	0	0	0	0
Colorado	96	0	0	6	0	0	92
Idaho	0	0	0	4	0	0	25
Montana	5	8	0	172	0	0	4
Nevada	0	0	0	3	0	0	179
New Mexico	0	0	0	2	0	0	0
Utah	45	468	0	40	0	0	410
Wyoming	92	0	0	249	0	0	398
Pacific Contiguous	**1**	**36**	**626**	**1**	**0**	**0**	**23**
California	97	48	626	2	0	0	18
Oregon	0	0	0	1	0	0	66
Washington	0	30	0	0	0	0	72
Pacific Noncontiguous	**5**	**4**	**0**	**0**	**0**	**0**	**0**
Alaska	26	0	0	0	0	0	0
Hawaii	0	4	0	0	0	0	0
U.S. Total	**1**	**4**	**2**	**0**	**5**	**0**	**7**

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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 June 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**	**13**	**4**	**0**	**5**	**1**
Connecticut	0	0	0	78	5	0	8	1
Maine	0	0	0	0	2	0	11	10
Massachusetts	0	0	0	14	8	0	7	2
New Hampshire	0	0	0	0	18	0	43	2
Rhode Island	0	0	0	93	8	0	0	1
Vermont	0	0	0	44	34	0	0	46
Middle Atlantic	**0**	**0**	**0**	**14**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	16	9	0	11	2
New York	0	0	0	28	3	0	6	2
Pennsylvania	0	0	0	46	2	0	7	1
East North Central	**0**	**0**	**0**	**20**	**2**	**0**	**22**	**0**
Illinois	0	0	0	44	1	0	0	0
Indiana	0	0	0	26	2	0	0	2
Michigan	0	0	0	0	5	0	22	2
Ohio	0	0	0	47	6	0	0	0
Wisconsin	0	0	0	245	16	0	0	1
West North Central	**0**	**0**	**0**	**68**	**1**	**0**	**36**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	245	0	0	0	1
Minnesota	0	0	0	188	4	0	36	4
Missouri	0	0	0	76	4	0	0	3
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	1	0	0	1
South Atlantic	**0**	**0**	**0**	**8**	**3**	**0**	**5**	**1**
Delaware	0	0	0	46	30	0	0	7
District of Columbia	0	0	0	0	0	0	0	0
Florida	0	0	0	51	4	0	6	3
Georgia	0	0	0	25	12	0	0	1
Maryland	0	0	0	27	4	0	0	2
North Carolina	0	0	0	9	8	0	28	5
South Carolina	0	0	0	155	53	0	162	7
Virginia	0	0	0	0	5	0	0	3
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**38**	**11**	**0**	**0**	**0**
Alabama	0	0	0	0	4	0	0	0
Kentucky	0	0	0	0	0	0	0	5
Mississippi	0	0	0	0	81	0	0	0
Tennessee	0	0	0	38	24	0	0	24
West South Central	**0**	**0**	**0**	**11**	**0**	**0**	**163**	**0**
Arkansas	0	0	0	0	30	0	0	1
Louisiana	0	0	0	0	33	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	11	0	0	163	0
Mountain	**0**	**6**	**0**	**2**	**1**	**0**	**4**	**1**
Arizona	0	0	0	3	2	0	0	0
Colorado	0	0	0	14	1	0	158	4
Idaho	0	59	0	0	6	0	0	6
Montana	0	0	0	0	5	0	0	4
Nevada	0	6	0	3	4	0	0	2
New Mexico	0	152	0	11	4	0	0	2
Utah	0	20	0	121	6	0	205	17
Wyoming	0	0	0	0	4	0	0	35
Pacific Contiguous	**0**	**4**	**0**	**2**	**1**	**0**	**15**	**1**
California	0	4	0	2	1	0	16	1
Oregon	0	0	0	60	2	0	58	1
Washington	0	0	0	0	1	0	41	1
Pacific Noncontiguous	**0**	**0**	**0**	**65**	**8**	**0**	**0**	**3**
Alaska	0	0	0	0	66	0	0	24
Hawaii	0	0	0	65	7	0	0	2
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.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, June 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**77**	**0**	**28**	**0**	**0**	**720**
Connecticut	0	574	0	61	0	0	0
Maine	0	391	0	196	0	0	0
Massachusetts	0	110	0	24	0	0	720
New Hampshire	0	160	0	241	0	0	0
Rhode Island	0	161	0	165	0	0	0
Vermont	0	603	0	0	0	0	0
Middle Atlantic	**217**	**45**	**0**	**27**	**0**	**0**	**735**
New Jersey	0	895	0	78	0	0	0
New York	0	45	0	28	0	0	735
Pennsylvania	217	173	0	100	0	0	0
East North Central	**12**	**340**	**0**	**20**	**0**	**0**	**1,089**
Illinois	102	972	0	29	0	0	1,089
Indiana	10	1,647	0	128	0	0	0
Michigan	0	135	0	26	0	0	0
Ohio	403	1,099	0	77	0	0	0
Wisconsin	415	516	0	71	0	0	0
West North Central	**28**	**302**	**0**	**36**	**0**	**0**	**0**
Iowa	45	1,034	0	98	0	0	0
Minnesota	0	323	0	70	0	0	0
Missouri	0	2,604	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	2,087	0	0	0	0	0
South Dakota	0	3,125	0	0	0	0	0
South Atlantic	**37**	**109**	**0**	**43**	**0**	**0**	**322**
District of Columbia	0	0	0	125	0	0	0
Florida	0	0	0	133	0	0	0
Georgia	0	402	0	0	0	0	0
Maryland	367	117	0	52	0	0	0
North Carolina	0	1,510	0	0	0	0	315
South Carolina	0	1,307	0	254	0	0	936
Virginia	261	461	0	463	0	0	0
East South Central	**0**	**1,854**	**0**	**71**	**0**	**0**	**0**
Mississippi	0	0	0	186	0	0	0
Tennessee	0	1,854	0	77	0	0	0
West South Central	**0**	**541**	**0**	**22**	**0**	**0**	**0**
Arkansas	0	0	0	825	0	0	0
Louisiana	0	0	0	63	0	0	0
Oklahoma	0	47,527	0	164	0	0	0
Texas	0	536	0	23	0	0	0
Mountain	**0**	**1,619**	**0**	**27**	**0**	**0**	**449**
Arizona	0	2,631	0	44	0	0	0
Colorado	0	2,044	0	0	0	0	449
Nevada	0	0	0	60	0	0	0
New Mexico	0	0	0	59	0	0	0
Utah	0	0	0	55	0	0	0
Pacific Contiguous	**0**	**376**	**0**	**14**	**0**	**0**	**228**
California	0	604	0	14	0	0	228
Oregon	0	881	0	88	0	0	0
Washington	0	549	0	169	0	0	0
Pacific Noncontiguous	**33**	**66**	**0**	**274**	**0**	**0**	**0**
Alaska	33	146	0	274	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**13**	**40**	**0**	**9**	**0**	**0**	**214**

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, June 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**	**133**	**27**	**0**	**44**	**21**
Connecticut	0	0	0	0	0	0	0	61
Maine	0	0	0	0	35	0	44	32
Massachusetts	0	0	0	133	70	0	0	23
New Hampshire	0	0	0	0	52	0	0	71
Rhode Island	0	0	0	0	139	0	0	119
Vermont	0	0	0	0	316	0	0	280
Middle Atlantic	**0**	**0**	**0**	**27**	**11**	**0**	**14**	**13**
New Jersey	0	0	0	27	16	0	0	21
New York	0	0	0	224	23	0	30	18
Pennsylvania	0	0	0	195	12	0	0	33
East North Central	**0**	**0**	**0**	**188**	**14**	**0**	**18**	**14**
Illinois	0	0	0	0	227	0	0	28
Indiana	0	0	0	0	74	0	100	40
Michigan	0	0	0	0	12	0	17	14
Ohio	0	0	0	188	188	0	0	75
Wisconsin	0	0	0	0	195	0	0	69
West North Central	**0**	**0**	**0**	**0**	**40**	**0**	**84**	**21**
Iowa	0	0	0	0	65	0	0	40
Minnesota	0	0	0	0	62	0	84	50
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	85	0	0	83
North Dakota	0	0	0	0	0	0	0	2,087
South Dakota	0	0	0	0	0	0	0	3,125
South Atlantic	**0**	**0**	**0**	**36**	**14**	**0**	**17**	**19**
Delaware	0	0	0	215	151	0	0	151
District of Columbia	0	0	0	0	0	0	0	125
Florida	0	0	0	232	75	0	0	97
Georgia	0	0	0	196	69	0	0	68
Maryland	0	0	0	145	85	0	647	47
North Carolina	0	0	0	38	29	0	0	22
South Carolina	0	0	0	0	0	0	0	262
Virginia	0	0	0	0	12	0	17	13
East South Central	**0**	**0**	**0**	**271**	**271**	**0**	**0**	**70**
Mississippi	0	0	0	0	0	0	0	186
Tennessee	0	0	0	271	271	0	0	76
West South Central	**0**	**0**	**0**	**205**	**55**	**0**	**0**	**21**
Arkansas	0	0	0	0	151	0	0	198
Louisiana	0	0	0	0	0	0	0	63
Oklahoma	0	0	0	0	0	0	0	164
Texas	0	0	0	205	58	0	0	22
Mountain	**0**	**0**	**0**	**30**	**29**	**0**	**0**	**21**
Arizona	0	0	0	64	64	0	0	38
Colorado	0	0	0	92	76	0	0	94
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	36	36	0	0	31
New Mexico	0	0	0	0	276	0	0	58
Utah	0	0	0	0	0	0	0	55
Pacific Contiguous	**0**	**0**	**0**	**30**	**9**	**0**	**0**	**9**
California	0	0	0	30	9	0	0	9
Oregon	0	0	0	0	72	0	0	71
Washington	0	0	0	0	0	0	0	166
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**8**	**0**	**0**	**7**
Alaska	0	0	0	0	53	0	0	29
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**15**	**6**	**0**	**8**	**6**

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**77**	**0**	**28**	**0**	**0**	**720**
Connecticut	0	574	0	61	0	0	0
Maine	0	391	0	196	0	0	0
Massachusetts	0	110	0	24	0	0	720
New Hampshire	0	160	0	241	0	0	0
Rhode Island	0	161	0	165	0	0	0
Vermont	0	603	0	0	0	0	0
Middle Atlantic	**217**	**45**	**0**	**27**	**0**	**0**	**735**
New Jersey	0	895	0	78	0	0	0
New York	0	45	0	28	0	0	735
Pennsylvania	217	173	0	100	0	0	0
East North Central	**12**	**340**	**0**	**20**	**0**	**0**	**1,089**
Illinois	102	972	0	29	0	0	1,089
Indiana	10	1,647	0	128	0	0	0
Michigan	0	135	0	26	0	0	0
Ohio	403	1,099	0	77	0	0	0
Wisconsin	415	516	0	71	0	0	0
West North Central	**28**	**302**	**0**	**36**	**0**	**0**	**0**
Iowa	45	1,034	0	98	0	0	0
Minnesota	0	323	0	70	0	0	0
Missouri	0	2,604	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	2,087	0	0	0	0	0
South Dakota	0	3,125	0	0	0	0	0
South Atlantic	**37**	**109**	**0**	**43**	**0**	**0**	**322**
District of Columbia	0	0	0	125	0	0	0
Florida	0	0	0	133	0	0	0
Georgia	0	402	0	0	0	0	0
Maryland	367	117	0	52	0	0	0
North Carolina	0	1,510	0	0	0	0	315
South Carolina	0	1,307	0	254	0	0	936
Virginia	261	461	0	463	0	0	0
East South Central	**0**	**1,854**	**0**	**71**	**0**	**0**	**0**
Mississippi	0	0	0	186	0	0	0
Tennessee	0	1,854	0	77	0	0	0
West South Central	**0**	**541**	**0**	**22**	**0**	**0**	**0**
Arkansas	0	0	0	825	0	0	0
Louisiana	0	0	0	63	0	0	0
Oklahoma	0	47,527	0	164	0	0	0
Texas	0	536	0	23	0	0	0
Mountain	**0**	**1,619**	**0**	**27**	**0**	**0**	**449**
Arizona	0	2,631	0	44	0	0	0
Colorado	0	2,044	0	0	0	0	449
Nevada	0	0	0	60	0	0	0
New Mexico	0	0	0	59	0	0	0
Utah	0	0	0	55	0	0	0
Pacific Contiguous	**0**	**376**	**0**	**14**	**0**	**0**	**228**
California	0	604	0	14	0	0	228
Oregon	0	881	0	88	0	0	0
Washington	0	549	0	169	0	0	0
Pacific Noncontiguous	**33**	**66**	**0**	**274**	**0**	**0**	**0**
Alaska	33	146	0	274	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**13**	**40**	**0**	**9**	**0**	**0**	**214**

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 June 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**	**133**	**27**	**0**	**44**	**21**
Connecticut	0	0	0	0	0	0	0	61
Maine	0	0	0	0	35	0	44	32
Massachusetts	0	0	0	133	70	0	0	23
New Hampshire	0	0	0	0	52	0	0	71
Rhode Island	0	0	0	0	139	0	0	119
Vermont	0	0	0	0	316	0	0	280
Middle Atlantic	**0**	**0**	**0**	**27**	**11**	**0**	**14**	**13**
New Jersey	0	0	0	27	16	0	0	21
New York	0	0	0	224	23	0	30	18
Pennsylvania	0	0	0	195	12	0	0	33
East North Central	**0**	**0**	**0**	**188**	**14**	**0**	**18**	**14**
Illinois	0	0	0	0	227	0	0	28
Indiana	0	0	0	0	74	0	100	40
Michigan	0	0	0	0	12	0	17	14
Ohio	0	0	0	188	188	0	0	75
Wisconsin	0	0	0	0	195	0	0	69
West North Central	**0**	**0**	**0**	**0**	**40**	**0**	**84**	**21**
Iowa	0	0	0	0	65	0	0	40
Minnesota	0	0	0	0	62	0	84	50
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	85	0	0	83
North Dakota	0	0	0	0	0	0	0	2,087
South Dakota	0	0	0	0	0	0	0	3,125
South Atlantic	**0**	**0**	**0**	**36**	**14**	**0**	**17**	**19**
Delaware	0	0	0	215	151	0	0	151
District of Columbia	0	0	0	0	0	0	0	125
Florida	0	0	0	232	75	0	0	97
Georgia	0	0	0	196	69	0	0	68
Maryland	0	0	0	145	85	0	647	47
North Carolina	0	0	0	38	29	0	0	22
South Carolina	0	0	0	0	0	0	0	262
Virginia	0	0	0	0	12	0	17	13
East South Central	**0**	**0**	**0**	**271**	**271**	**0**	**0**	**70**
Mississippi	0	0	0	0	0	0	0	186
Tennessee	0	0	0	271	271	0	0	76
West South Central	**0**	**0**	**0**	**205**	**55**	**0**	**0**	**21**
Arkansas	0	0	0	0	151	0	0	198
Louisiana	0	0	0	0	0	0	0	63
Oklahoma	0	0	0	0	0	0	0	164
Texas	0	0	0	205	58	0	0	22
Mountain	**0**	**0**	**0**	**30**	**29**	**0**	**0**	**21**
Arizona	0	0	0	64	64	0	0	38
Colorado	0	0	0	92	76	0	0	94
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	36	36	0	0	31
New Mexico	0	0	0	0	276	0	0	58
Utah	0	0	0	0	0	0	0	55
Pacific Contiguous	**0**	**0**	**0**	**30**	**9**	**0**	**0**	**9**
California	0	0	0	30	9	0	0	9
Oregon	0	0	0	0	72	0	0	71
Washington	0	0	0	0	0	0	0	166
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**8**	**0**	**0**	**7**
Alaska	0	0	0	0	53	0	0	29
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**15**	**6**	**0**	**8**	**6**

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**63**	**104**	**0**	**27**	**0**	**0**	**44**
Connecticut	0	1,054	0	45	0	0	0
Maine	0	89	0	36	0	0	44
Massachusetts	101	499	0	84	0	0	791
New Hampshire	0	971	0	189	0	0	0
Middle Atlantic	**15**	**23**	**93**	**25**	**16**	**0**	**236**
New Jersey	0	470	229	51	36	0	0
New York	0	3	0	61	0	0	236
Pennsylvania	24	192	101	32	13	0	0
East North Central	**6**	**25**	**58**	**21**	**8**	**0**	**98**
Illinois	7	0	0	53	29	0	0
Indiana	146	21	0	29	7	0	0
Michigan	45	21	129	32	0	0	249
Ohio	16	391	382	125	34	0	0
Wisconsin	10	240	0	68	0	0	106
West North Central	**8**	**117**	**200**	**43**	**77**	**0**	**117**
Iowa	8	1,259	200	83	0	0	0
Kansas	0	0	0	77	0	0	0
Minnesota	21	119	0	58	0	0	117
Missouri	94	0	0	407	0	0	0
Nebraska	28	0	0	0	0	0	0
North Dakota	55	327	0	165	77	0	0
South Atlantic	**13**	**47**	**0**	**8**	**0**	**0**	**27**
Delaware	0	0	0	0	0	0	0
Florida	74	153	0	15	0	0	0
Georgia	33	57	0	17	0	0	412
Maryland	0	292	0	141	0	0	0
North Carolina	64	184	0	66	0	0	913
South Carolina	31	0	0	113	0	0	0
Virginia	39	129	0	22	0	0	522
West Virginia	3	0	0	744	0	0	17
East South Central	**5**	**90**	**0**	**14**	**37**	**0**	**0**
Alabama	56	95	0	15	40	0	0
Kentucky	0	0	0	65	0	0	0
Mississippi	0	0	0	34	0	0	0
Tennessee	1	409	0	29	0	0	0
West South Central	**40**	**97**	**48**	**2**	**6**	**0**	**0**
Arkansas	0	0	0	20	0	0	0
Louisiana	0	0	68	2	6	0	0
Oklahoma	46	670	0	86	0	0	0
Texas	0	383	39	2	12	0	0
Mountain	**9**	**965**	**0**	**15**	**8**	**0**	**0**
Colorado	304	2,806	0	176	0	0	0
Idaho	60	0	0	67	0	0	0
Montana	201	0	0	0	0	0	0
Nevada	0	0	0	63	0	0	0
New Mexico	0	2,569	0	0	0	0	0
Utah	0	1,961	0	25	418	0	0
Wyoming	25	1,357	0	13	5	0	0
Pacific Contiguous	**0**	**6**	**0**	**5**	**7**	**0**	**0**
California	0	5	0	5	7	0	0
Oregon	0	0	0	70	0	0	0
Washington	0	47	0	0	0	0	0
Pacific Noncontiguous	**138**	**43**	**0**	**99**	**238**	**0**	**190**
Alaska	0	73	0	99	0	0	0
Hawaii	138	51	0	0	238	0	190
U.S. Total	**4**	**17**	**30**	**2**	**4**	**0**	**27**

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, June 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**	**7**	**0**	**42**	**14**
Connecticut	0	0	0	0	0	0	0	45
Maine	0	0	0	0	7	0	42	13
Massachusetts	0	0	0	0	209	0	0	72
New Hampshire	0	0	0	0	0	0	0	187
Middle Atlantic	**0**	**0**	**0**	**110**	**12**	**0**	**0**	**12**
New Jersey	0	0	0	316	316	0	0	34
New York	0	0	0	0	3	0	0	20
Pennsylvania	0	0	0	117	17	0	0	15
East North Central	**0**	**0**	**0**	**200**	**11**	**0**	**10**	**5**
Illinois	0	0	0	0	0	0	27	10
Indiana	0	0	0	0	54	0	0	7
Michigan	0	0	0	0	20	0	0	18
Ohio	0	0	0	200	17	0	0	17
Wisconsin	0	0	0	0	16	0	73	11
West North Central	**0**	**0**	**0**	**0**	**12**	**0**	**59**	**8**
Iowa	0	0	0	0	0	0	0	9
Kansas	0	0	0	0	0	0	0	77
Minnesota	0	0	0	0	12	0	59	13
Missouri	0	0	0	0	260	0	0	101
Nebraska	0	0	0	0	0	0	0	28
North Dakota	0	0	0	0	0	0	0	44
South Atlantic	**0**	**0**	**0**	**0**	**3**	**0**	**5**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	10	0	6	6
Georgia	0	0	0	0	5	0	0	5
Maryland	0	0	0	0	0	0	0	29
North Carolina	0	0	0	0	10	0	0	13
South Carolina	0	0	0	0	1	0	0	3
Virginia	0	0	0	0	7	0	0	9
West Virginia	0	0	0	0	0	0	0	7
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**37**	**5**
Alabama	0	0	0	0	9	0	0	8
Kentucky	0	0	0	0	6	0	0	24
Mississippi	0	0	0	0	5	0	221	8
Tennessee	0	0	0	0	16	0	0	7
West South Central	**0**	**0**	**0**	**0**	**6**	**0**	**9**	**2**
Arkansas	0	0	0	0	5	0	0	5
Louisiana	0	0	0	0	9	0	10	2
Oklahoma	0	0	0	0	30	0	120	27
Texas	0	0	0	0	15	0	12	2
Mountain	**0**	**0**	**0**	**154**	**4**	**0**	**17**	**6**
Colorado	0	0	0	0	263	0	72	73
Idaho	0	0	0	0	3	0	0	12
Montana	0	0	0	0	0	0	0	201
Nevada	0	0	0	154	154	0	0	61
New Mexico	0	0	0	0	0	0	0	2,569
Utah	0	0	0	0	0	0	0	6
Wyoming	0	0	0	0	0	0	0	10
Pacific Contiguous	**0**	**0**	**0**	**135**	**10**	**0**	**17**	**4**
California	0	0	0	135	23	0	18	4
Oregon	0	0	0	0	15	0	0	15
Washington	0	0	0	0	11	0	0	9
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**33**	**0**	**0**	**34**
Alaska	0	0	0	0	0	0	0	66
Hawaii	0	0	0	0	33	0	0	40
U.S. Total	**0**	**0**	**0**	**72**	**3**	**0**	**5**	**1**

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**63**	**104**	**0**	**27**	**0**	**0**	**44**
Connecticut	0	1,054	0	45	0	0	0
Maine	0	89	0	36	0	0	44
Massachusetts	101	499	0	84	0	0	791
New Hampshire	0	971	0	189	0	0	0
Middle Atlantic	**15**	**23**	**93**	**25**	**16**	**0**	**236**
New Jersey	0	470	229	51	36	0	0
New York	0	3	0	61	0	0	236
Pennsylvania	24	192	101	32	13	0	0
East North Central	**6**	**25**	**58**	**21**	**8**	**0**	**98**
Illinois	7	0	0	53	29	0	0
Indiana	146	21	0	29	7	0	0
Michigan	45	21	129	32	0	0	249
Ohio	16	391	382	125	34	0	0
Wisconsin	10	240	0	68	0	0	106
West North Central	**8**	**117**	**200**	**43**	**77**	**0**	**117**
Iowa	8	1,259	200	83	0	0	0
Kansas	0	0	0	77	0	0	0
Minnesota	21	119	0	58	0	0	117
Missouri	94	0	0	407	0	0	0
Nebraska	28	0	0	0	0	0	0
North Dakota	55	327	0	165	77	0	0
South Atlantic	**13**	**47**	**0**	**8**	**0**	**0**	**27**
Delaware	0	0	0	0	0	0	0
Florida	74	153	0	15	0	0	0
Georgia	33	57	0	17	0	0	412
Maryland	0	292	0	141	0	0	0
North Carolina	64	184	0	66	0	0	913
South Carolina	31	0	0	113	0	0	0
Virginia	39	129	0	22	0	0	522
West Virginia	3	0	0	744	0	0	17
East South Central	**5**	**90**	**0**	**14**	**37**	**0**	**0**
Alabama	56	95	0	15	40	0	0
Kentucky	0	0	0	65	0	0	0
Mississippi	0	0	0	34	0	0	0
Tennessee	1	409	0	29	0	0	0
West South Central	**40**	**97**	**48**	**2**	**6**	**0**	**0**
Arkansas	0	0	0	20	0	0	0
Louisiana	0	0	68	2	6	0	0
Oklahoma	46	670	0	86	0	0	0
Texas	0	383	39	2	12	0	0
Mountain	**9**	**965**	**0**	**15**	**8**	**0**	**0**
Colorado	304	2,806	0	176	0	0	0
Idaho	60	0	0	67	0	0	0
Montana	201	0	0	0	0	0	0
Nevada	0	0	0	63	0	0	0
New Mexico	0	2,569	0	0	0	0	0
Utah	0	1,961	0	25	418	0	0
Wyoming	25	1,357	0	13	5	0	0
Pacific Contiguous	**0**	**6**	**0**	**5**	**7**	**0**	**0**
California	0	5	0	5	7	0	0
Oregon	0	0	0	70	0	0	0
Washington	0	47	0	0	0	0	0
Pacific Noncontiguous	**138**	**43**	**0**	**99**	**238**	**0**	**190**
Alaska	0	73	0	99	0	0	0
Hawaii	138	51	0	0	238	0	190
U.S. Total	**4**	**17**	**30**	**2**	**4**	**0**	**27**

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 June 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**	**7**	**0**	**42**	**14**
Connecticut	0	0	0	0	0	0	0	45
Maine	0	0	0	0	7	0	42	13
Massachusetts	0	0	0	0	209	0	0	72
New Hampshire	0	0	0	0	0	0	0	187
Middle Atlantic	**0**	**0**	**0**	**110**	**12**	**0**	**0**	**12**
New Jersey	0	0	0	316	316	0	0	34
New York	0	0	0	0	3	0	0	20
Pennsylvania	0	0	0	117	17	0	0	15
East North Central	**0**	**0**	**0**	**200**	**11**	**0**	**10**	**5**
Illinois	0	0	0	0	0	0	27	10
Indiana	0	0	0	0	54	0	0	7
Michigan	0	0	0	0	20	0	0	18
Ohio	0	0	0	200	17	0	0	17
Wisconsin	0	0	0	0	16	0	73	11
West North Central	**0**	**0**	**0**	**0**	**12**	**0**	**59**	**8**
Iowa	0	0	0	0	0	0	0	9
Kansas	0	0	0	0	0	0	0	77
Minnesota	0	0	0	0	12	0	59	13
Missouri	0	0	0	0	260	0	0	101
Nebraska	0	0	0	0	0	0	0	28
North Dakota	0	0	0	0	0	0	0	44
South Atlantic	**0**	**0**	**0**	**0**	**3**	**0**	**5**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	10	0	6	6
Georgia	0	0	0	0	5	0	0	5
Maryland	0	0	0	0	0	0	0	29
North Carolina	0	0	0	0	10	0	0	13
South Carolina	0	0	0	0	1	0	0	3
Virginia	0	0	0	0	7	0	0	9
West Virginia	0	0	0	0	0	0	0	7
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**37**	**5**
Alabama	0	0	0	0	9	0	0	8
Kentucky	0	0	0	0	6	0	0	24
Mississippi	0	0	0	0	5	0	221	8
Tennessee	0	0	0	0	16	0	0	7
West South Central	**0**	**0**	**0**	**0**	**6**	**0**	**9**	**2**
Arkansas	0	0	0	0	5	0	0	5
Louisiana	0	0	0	0	9	0	10	2
Oklahoma	0	0	0	0	30	0	120	27
Texas	0	0	0	0	15	0	12	2
Mountain	**0**	**0**	**0**	**154**	**4**	**0**	**17**	**6**
Colorado	0	0	0	0	263	0	72	73
Idaho	0	0	0	0	3	0	0	12
Montana	0	0	0	0	0	0	0	201
Nevada	0	0	0	154	154	0	0	61
New Mexico	0	0	0	0	0	0	0	2,569
Utah	0	0	0	0	0	0	0	6
Wyoming	0	0	0	0	0	0	0	10
Pacific Contiguous	**0**	**0**	**0**	**135**	**10**	**0**	**17**	**4**
California	0	0	0	135	23	0	18	4
Oregon	0	0	0	0	15	0	0	15
Washington	0	0	0	0	11	0	0	9
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**33**	**0**	**0**	**34**
Alaska	0	0	0	0	0	0	0	66
Hawaii	0	0	0	0	33	0	0	40
U.S. Total	**0**	**0**	**0**	**72**	**3**	**0**	**5**	**1**

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**5**	**1**	**5**	**0**	**2**
Connecticut	0	1	5	0	1
Maine	48	9	17	0	18
Massachusetts	1	1	8	0	1
New Hampshire	1	1	5	0	1
Rhode Island	0	0	0	0	0
Vermont	3	4	8	0	3
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	3	0	0
New York	0	0	2	0	0
Pennsylvania	0	0	1	0	0
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	2	2	0	1
Michigan	0	2	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	1	1	3	0	1
Minnesota	1	4	4	0	2
Missouri	1	1	5	0	1
Nebraska	1	7	5	0	3
North Dakota	2	5	7	0	3
South Dakota	2	10	8	0	4
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	1	2	10	0	2
District of Columbia	0	0	0	0	0
Florida	0	1	2	0	0
Georgia	1	1	2	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	1	0	1
South Carolina	1	1	1	0	1
Virginia	1	0	2	0	0
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	1	1	1	0	1
Kentucky	1	2	3	0	1
Mississippi	2	2	2	0	1
Tennessee	1	2	4	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	2	2	2	0	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	2	0	1
Texas	1	0	1	0	0
Mountain	**1**	**2**	**1**	**0**	**1**
Arizona	1	3	2	0	1
Colorado	2	6	4	0	3
Idaho	1	4	1	0	1
Montana	2	7	5	0	3
Nevada	1	3	1	0	1
New Mexico	3	8	5	0	4
Utah	2	6	2	0	2
Wyoming	2	7	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	1	1	2	0	1
Oregon	1	4	5	0	2
Washington	1	4	4	0	2
Pacific Noncontiguous	**1**	**5**	**2**	**0**	**2**
Alaska	3	10	9	0	5
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**0**

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

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

by End-Use Sector, Census Division, and State, Year-to-Date through June 2015

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

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

Table A.7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, June 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**2**	**1**	**2**	**0**	**1**
Connecticut	0	1	4	0	1
Maine	29	6	9	0	15
Massachusetts	1	1	4	0	1
New Hampshire	0	1	4	0	1
Rhode Island	0	14	0	0	6
Vermont	2	4	6	0	2
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	1	0	1
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	0	1	2	0	1
Indiana	1	2	2	0	1
Michigan	0	2	3	0	1
Ohio	1	1	3	0	1
Wisconsin	1	3	4	0	1
West North Central	**1**	**2**	**2**	**0**	**1**
Iowa	1	6	4	0	2
Kansas	2	2	4	0	1
Minnesota	1	4	5	0	2
Missouri	1	1	4	0	1
Nebraska	2	6	7	0	3
North Dakota	2	5	7	0	3
South Dakota	2	9	10	0	4
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	1	2	9	0	1
District of Columbia	0	1	0	0	1
Florida	1	1	3	0	0
Georgia	1	1	3	0	1
Maryland	1	1	3	0	1
North Carolina	1	1	2	0	1
South Carolina	1	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	1	1	1	0	1
Kentucky	1	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	1	1	1	0	1
Oklahoma	2	1	3	0	1
Texas	1	1	1	0	1
Mountain	**1**	**2**	**2**	**0**	**1**
Arizona	1	2	4	0	1
Colorado	2	6	7	0	3
Idaho	1	4	1	0	1
Montana	2	6	9	0	3
Nevada	1	15	1	0	4
New Mexico	3	8	9	0	4
Utah	2	6	3	0	2
Wyoming	2	6	3	0	3
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	1	2	0	1
Oregon	1	3	6	0	2
Washington	1	3	6	0	2
Pacific Noncontiguous	**1**	**3**	**2**	**0**	**1**
Alaska	3	8	10	0	4
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**0**	**0**

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

Table A.7.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 June 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**1**	**2**	**0**	**1**
Connecticut	0	1	4	0	0
Maine	8	3	2	0	4
Massachusetts	0	1	3	0	1
New Hampshire	0	1	3	0	0
Rhode Island	0	9	0	0	4
Vermont	2	2	5	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	2	0	0
New York	0	0	1	0	0
Pennsylvania	0	2	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	2	0	0
Indiana	1	1	1	0	1
Michigan	0	1	2	0	1
Ohio	0	1	2	0	0
Wisconsin	1	2	3	0	1
West North Central	**0**	**1**	**2**	**0**	**1**
Iowa	1	4	4	0	2
Kansas	1	1	3	0	1
Minnesota	1	3	4	0	1
Missouri	1	1	4	0	1
Nebraska	1	5	6	0	2
North Dakota	1	3	5	0	2
South Dakota	1	5	7	0	2
South Atlantic	**0**	**0**	**1**	**4**	**0**
Delaware	4	3	7	0	2
District of Columbia	7	1	4	7	2
Florida	0	1	3	0	0
Georgia	1	1	2	0	1
Maryland	1	1	2	0	1
North Carolina	1	1	2	0	1
South Carolina	1	1	2	0	1
Virginia	1	0	2	0	0
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**1**	**0**	**0**
Alabama	1	1	2	0	1
Kentucky	1	2	3	0	1
Mississippi	2	2	3	0	1
Tennessee	1	2	4	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	1	2	3	0	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	3	0	1
Texas	1	1	1	0	0
Mountain	**0**	**2**	**2**	**0**	**1**
Arizona	0	2	3	0	1
Colorado	1	4	5	0	2
Idaho	1	3	2	0	1
Montana	1	4	7	0	2
Nevada	0	14	1	0	4
New Mexico	2	6	7	0	3
Utah	1	4	2	0	2
Wyoming	1	4	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**0**
California	0	1	2	0	0
Oregon	1	2	5	0	1
Washington	1	2	4	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	5	7	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, June 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**3**	**1**	**3**	**0**	**1**
Connecticut	0	0	5	0	1
Maine	20	6	10	0	6
Massachusetts	1	0	4	0	1
New Hampshire	0	0	2	0	1
Rhode Island	0	14	0	0	6
Vermont	2	1	3	0	1
Middle Atlantic	**0**	**1**	**0**	**0**	**0**
New Jersey	0	0	1	0	0
New York	0	0	1	0	0
Pennsylvania	0	2	1	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	0	1	0	0
Indiana	1	1	1	0	1
Michigan	0	0	1	0	0
Ohio	0	0	1	0	0
Wisconsin	1	1	2	0	1
West North Central	**0**	**0**	**1**	**0**	**0**
Iowa	1	2	2	0	1
Kansas	1	1	2	0	1
Minnesota	1	1	2	0	1
Missouri	1	0	2	0	1
Nebraska	1	1	3	0	1
North Dakota	1	1	3	0	1
South Dakota	1	2	4	0	1
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	1	1	4	0	1
District of Columbia	0	1	0	0	1
Florida	1	1	1	0	0
Georgia	1	1	2	0	1
Maryland	0	0	2	0	0
North Carolina	1	1	1	0	1
South Carolina	1	1	1	0	1
Virginia	1	1	1	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**0**
Alabama	1	1	1	0	1
Kentucky	1	1	1	0	1
Mississippi	2	2	2	0	1
Tennessee	1	1	2	0	1
West South Central	**1**	**1**	**1**	**0**	**0**
Arkansas	2	2	1	0	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	2	0	1
Texas	1	1	1	0	0
Mountain	**0**	**2**	**1**	**0**	**1**
Arizona	0	0	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	1	0	0
Montana	1	2	5	0	1
Nevada	0	15	0	0	3
New Mexico	1	2	4	0	1
Utah	1	1	1	0	1
Wyoming	1	1	2	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	3	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	4	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**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 June 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**1**	**3**	**0**	**1**
Connecticut	0	1	5	0	1
Maine	13	4	6	0	6
Massachusetts	1	1	6	0	1
New Hampshire	0	1	4	0	1
Rhode Island	0	9	0	0	4
Vermont	2	3	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	2	0	1
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	0	1	2	0	1
Indiana	1	2	2	0	1
Michigan	0	2	2	0	1
Ohio	0	1	2	0	1
Wisconsin	1	3	3	0	1
West North Central	**0**	**1**	**2**	**0**	**1**
Iowa	1	6	4	0	2
Kansas	1	1	3	0	1
Minnesota	1	3	4	0	2
Missouri	1	1	5	0	1
Nebraska	1	6	6	0	3
North Dakota	1	4	6	0	2
South Dakota	1	7	8	0	3
South Atlantic	**0**	**0**	**1**	**4**	**0**
Delaware	2	2	8	0	2
District of Columbia	5	1	6	7	2
Florida	0	1	3	0	0
Georgia	1	1	2	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	2	0	1
South Carolina	1	1	2	0	1
Virginia	0	0	2	0	0
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	1	1	0	1
Kentucky	1	2	3	0	1
Mississippi	1	2	3	0	1
Tennessee	1	2	4	0	1
West South Central	**0**	**0**	**1**	**0**	**0**
Arkansas	1	2	3	0	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	3	0	1
Texas	0	1	1	0	0
Mountain	**0**	**2**	**2**	**0**	**1**
Arizona	0	2	3	0	1
Colorado	1	5	5	0	2
Idaho	1	4	2	0	1
Montana	1	6	7	0	3
Nevada	0	14	1	0	4
New Mexico	1	7	8	0	3
Utah	1	5	2	0	2
Wyoming	1	5	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	1	2	0	1
Oregon	1	3	6	0	2
Washington	1	3	5	0	1
Pacific Noncontiguous	**1**	**3**	**2**	**0**	**1**
Alaska	2	7	8	0	4
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	03/26/2015 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
2015	4	04/03/2015 2:00 AM	04/03/2015 7:48 AM	5 Hours, 48 Minutes	Westar Energy Inc	SPP	Harvey, Reno, and Sedgwick Counties, Kansas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather Thunderstorms	Unknown	70000
2015	4	04/06/2015 8:12 AM	04/06/2015 12:08 PM	3 Hours, 56 Minutes	Pacific Gas & Electric Co	WECC	Butte County, California	Loss of electric service to more than 50,000 customers for 1 hour or more - System Operations	Unknown	80000
2015	4	04/07/2015 12:30 PM	04/07/2015 5:34 PM	5 Hours, 4 Minutes	Potomac Electric Power Co	RFC	Unknown	Uncontrolled loss of 300 Megawatts or more of firm system loads for more than 15 minutes from a single incident - System Operations	Unknown	Unknown
2015	4	04/07/2015 3:34 PM	04/07/2015 3:46 PM	0 Hours, 12 Minutes	WAPA Sierra Nevada Region	WECC	California	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - System Operations	0	0
2015	4	04/17/2015 9:16 AM	04/17/2015 11:00 AM	1 Hours, 44 Minutes	Peak Reliability	WECC	Canada	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - System Operations	9300	Unknown
2015	4	04/17/2015 9:30 PM	04/19/2015 11:50 PM	50 Hours, 20 Minutes	CenterPoint Energy	TRE	Houston, Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	280982
2015	4	04/18/2015 9:00 PM	04/21/2015 4:00 AM	55 Hours, 0 Minutes	Oncor Electric Delivery Company LLC	TRE	Dallas, Fort Worth, Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	89000
2015	4	04/24/2015 7:10 PM	04/26/2015 4:00 PM	44 Hours, 50 Minutes	Oncor Electric Delivery Company LLC	TRE	Dallas, Fort Worth, Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	57000
2015	4	04/27/2015 10:30 AM	04/28/2015 6:45 PM	32 Hours, 15 Minutes	Entergy Services, Inc.	SERC	Louisiana and Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	199000
2015	5	05/18/2015 3:28 PM	05/18/2015 3:47 PM	0 Hours, 19 Minutes	Peak Reliability for BCHA	WECC	Washington	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - Severe Weather	275	0
2015	5	05/25/2015 6:00 PM	05/29/2015 7:15 AM	85 Hours, 15 Minutes	Oncor Electric Delivery Company LLC	TRE	North Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	454000
2015	5	05/25/2015 8:30 PM	ongoing	ongoing	Southwest Power Pool, Inc.	SPP	Texas, Louisiana, Arkansas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	57351
2015	5	05/25/2015 8:30 PM	05/26/2015 6:30 PM	22 Hours, 0 Minutes	American Electric Power - (SPP Reliability Region)	SPP	Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	57531
2015	5	05/25/2015 10:45 PM	05/28/2015 1:25 AM	50 Hours, 40 Minutes	CenterPoint Energy	TRE	Fort Bend County, & Harris County ,Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	61000
2015	5	05/26/2015 5:30 AM	05/27/2015 7:00 PM	37 Hours, 30 Minutes	Entergy Services, Inc.	SERC	Texas, Louisiana, Arkansas, Mississippi	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	78515
2015	6	06/01/2015 7:19 PM	06/02/2015 8:36 AM	13 Hours, 17 Minutes	Pacific Gas & Electric Co	WECC	California	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - System Operations	5	484

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	6	06/02/2015 6:58 PM	06/02/2015 7:24 PM	0 Hours, 26 Minutes	Pacific Gas & Electric Co	WECC	California	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - System Operations	5	727
2015	6	06/03/2015 3:00 PM	06/05/2015 5:00 PM	50 Hours, 0 Minutes	ERCOT	TRE	Texas	Public appeal to reduce the use of electricity - System Operations	Unknown	Unknown
2015	6	06/07/2015 1:52 PM	06/07/2015 2:13 PM	0 Hours, 21 Minutes	Tennessee Valley Authority	SERC	Tennessee	Uncontrolled loss of 300 Megawatts or more of firm system loads for more than 15 minutes from a single incident - System Operations	Unknown	Unknown
2015	6	06/07/2015 1:54 PM	06/07/2015 2:13 PM	0 Hours, 19 Minutes	Memphis Light Gas and Water Division	SERC	Shelby County, Tennessee	Uncontrolled loss of 300 Megawatts or more of firm system loads for more than 15 minutes from a single incident and System-wide voltage reductions of 3 percent or more - System Operations	926	Unknown
2015	6	06/08/2015 12:00 AM	ongoing	ongoing	California Department of Water Resources	WECC	Merced County, California	Fuel supply emergencies that could impact electric power system adequacy or reliability - System Operations	176	Unknown
2015	6	06/23/2015 5:06 PM	06/26/2015 4:00 PM	70 Hours, 54 Minutes	Delmarva Power & Light Company	RFC	New Castle County, Delaware	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	65000
2015	6	06/23/2015 5:30 PM	06/23/2015 7:00 PM	1 Hours, 30 Minutes	Exelon Corporation / PECO	RFC	Delaware County, PA; Chester County, PA	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	200000
2015	6	06/23/2015 6:00 PM	06/30/2015 6:00 PM	168 Hours, 0 Minutes	Atlantic City Electric Co	RFC	Gloucester County, Burlington County, Atlantic County, Cape May County, New Jersey	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	263000
2015	6	06/23/2015 6:18 PM	06/23/2015 8:30 PM	2 Hours, 12 Minutes	PJM Interconnection	RFC	New Jersey	Load shedding of 100 Megawatts or more implemented under emergency operational policy and Loss of electric service to more than 50,000 customers for 1 hour or more - System Operations	198	156338
2015	6	06/23/2015 6:26 PM	ongoing	ongoing	Public Service Electric & Gas	NPCC	New Jersey	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	90	73000
2015	6	06/23/2015 6:30 PM	06/24/2015 5:00 AM	10 Hours, 30 Minutes	ISO New England	NPCC	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	62442
2015	6	06/26/2015 2:00 AM	ongoing	ongoing	Kansas City Power & Light Co	SPP	Kansas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	110000
2015	6	06/27/2015 5:00 PM	06/30/2015 5:18 PM	72 Hours, 18 Minutes	Detroit Edison Co	RFC	Wayne County, Michigan	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	68000
2015	6	06/29/2015 7:21 PM	06/29/2015 7:42 PM	0 Hours, 21 Minutes	Peak Reliability	WECC	Washington	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - Severe Weather	0	0
2015	6	06/30/2015 10:50 AM	07/01/2015 9:00 PM	34 Hours, 10 Minutes	Pacific Gas & Electric Co	WECC	California	Public appeal to reduce the use of electricity - Severe Weather	Unknown	Unknown
2015	6	06/30/2015 2:00 PM	06/30/2015 9:00 PM	7 Hours, 0 Minutes	California ISO	WECC	California	Public appeal to reduce the use of electricity - Severe Weather	Unknown	Unknown

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

Table B.2 Major Disturbances and Unusual Occurrences, 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	. .	. Hours, . Minutes	We Energies	RFC	Wisconsin	Fuel Supply Emergency - Coal	Unknown	
2014	1	01/27/2014 2:20 PM	01/28/2014 9:00 PM	30 Hours, 40 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	2	02/05/2014 12:00 AM	02/09/2014 6:00 PM	114 Hours, 0 Minutes	FirstEnergy Corp: Potomac Edison	RFC	Maryland, West Virginia	Severe Weather - Snow/Ice	Unknown	101580
2014	2	02/05/2014 1:00 AM	02/09/2014 8:40 PM	115 Hours, 40 Minutes	FirstEnergy Corp: Met-Ed	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	144000
2014	2	02/05/2014 5:00 AM	02/05/2014 5:01 AM	0 Hours, 1 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	715000
2014	2	02/05/2014 7:00 AM	02/23/2014 7:00 AM	432 Hours, 0 Minutes	Upstate New York Power Producers	NPCC	New York	Fuel Supply Emergency - Coal	300	Unknown
2014	2	02/05/2014 7:35 AM	02/07/2014 4:03 AM	44 Hours, 28 Minutes	PPL Electric Utilities Corp	RFC	Lancaster Region, Pennsylvania	Severe Weather - Snow/Ice	Unknown	62159
2014	2	02/05/2014 8:05 AM	02/05/2014 8:06 AM	0 Hours, 1 Minutes	Baltimore Gas & Electric Company	RFC	Baltimore, Maryland	Severe Weather - Ice	800	181000
2014	2	02/06/2014 1:00 PM	02/06/2014 10:00 PM	9 Hours, 0 Minutes	California ISO	WECC	California	Fuel Supply Emergency - Natural Gas	4000	Unknown
2014	2	02/06/2014 1:05 PM	02/06/2014 7:15 PM	6 Hours, 10 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Fuel Supply Emergency - Natural Gas	160	Unknown
2014	2	02/06/2014 1:58 PM	02/06/2014 8:40 PM	6 Hours, 42 Minutes	American Electric Power	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/06/2014 2:15 PM	02/06/2014 7:39 PM	5 Hours, 24 Minutes	Southern California Edison	WECC	California	Fuel Supply Emergency - Natural Gas	611	Unknown
2014	2	02/06/2014 3:35 PM	02/07/2014 11:30 AM	19 Hours, 55 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 7:00 AM	03/21/2014 8:00 AM	1,009 Hours, 0 Minutes	Somerset Operating Company, LLC	NPCC	Niagara County New York	Fuel Supply Emergency - Coal	675	Unknown
2014	2	02/07/2014 4:30 PM	02/08/2014 9:00 AM	16 Hours, 30 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 4:50 PM	02/07/2014 8:30 PM	3 Hours, 40 Minutes	American Electric Power	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/12/2014 7:48 AM	02/15/2014 4:30 AM	68 Hours, 42 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Snow/Ice	1246	373835
2014	2	02/12/2014 11:03 AM	02/15/2014 8:40 AM	69 Hours, 37 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Severe Weather - Snow/Ice	700	120124
2014	2	02/12/2014 12:10 PM	02/15/2014 3:20 PM	75 Hours, 10 Minutes	Duke Energy Progress	SERC	North Carolina	Severe Weather - Snow/Ice	Unknown	200000
2014	2	02/20/2014 4:40 PM	02/21/2014 11:59 PM	31 Hours, 19 Minutes	Ameren Missouri	SERC	Missouri, Illinois	Severe Weather - Snow/Ice	Unknown	66000
2014	2	02/21/2014 2:53 AM	02/21/2014 9:00 PM	18 Hours, 7 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Thunderstorms/High Winds	221	66445
2014	3	03/02/2014 7:00 PM	03/04/2014 9:00 AM	38 Hours, 0 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal due to Severe Weather - Cold	N/A	N/A
2014	3	03/03/2014 1:48 AM	03/03/2014 1:49 AM	0 Hours, 1 Minutes	Public Utility District #1 of Chelan County (CHPD)	WECC	Mid-Columbia River Generation, Washington	Fuel Supply Emergency - Hydro	630	Unknown
2014	3	03/03/2014 6:40 AM	03/03/2014 3:28 PM	8 Hours, 48 Minutes	Tennessee Valley Authority	SERC	Tennessee	Severe Weather - Winter Storm	Unknown	65904
2014	3	03/04/2014 9:06 AM	03/17/2014 9:06 AM	312 Hours, 0 Minutes	Wisconsin Public Service Corp	MRO	Weston, Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	3	03/07/2014 3:30 AM	03/07/2014 9:00 PM	17 Hours, 30 Minutes	Duke Energy Carolinas	SERC	Triad, North Carolina	Severe Weather - Winter Storm	1500	370900
2014	3	03/12/2014 7:35 PM	03/13/2014 12:00 PM	16 Hours, 25 Minutes	Duke Energy Carolinas	SERC	North Carolina	Severe Weather - High Winds	250	61377
2014	3	03/26/2014 1:37 PM	03/26/2014 2:33 PM	0 Hours, 56 Minutes	Peak Reliability	WECC	Montana	Electrical System Separation (Islanding)	Unknown	Unknown
2014	3	03/31/2014 3:41 PM	03/31/2014 8:08 PM	4 Hours, 27 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	System Wide Voltage Reduction	Unknown	Unknown
2014	4	04/03/2014 12:00 AM	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	9750	4000000
2014	4	04/29/2014 9:37 AM	05/01/2014 9:00 AM	47 Hours, 23 Minutes	Tennessee Valley Authority	SERC	Northeastern Mississippi, Northern Alabama	Severe Weather - Thunderstorms	Unknown	57000
2014	4	04/29/2014 11:30 PM	04/29/2014 12:30 PM	-11 Hours, 0 Minutes	Southern Company	SERC	Mississippi, Alabama	Severe Weather - Thunderstorms	355	106648
2014	4	04/30/2014 3:50 AM	04/30/2014 2:00 PM	10 Hours, 10 Minutes	Southern Company	SERC	Alabama, Florida, Georgia	Severe Weather - Thunderstorms	296	89000

Table B.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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	Luminant Energy Company, LLC	ERCOT	Texas	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	6	06/07/2014 11:00 PM	06/08/2014 5:30 AM	6 Hours, 30 Minutes	Southern Company	SERC	North and Central , Alabama	Severe Weather - Thunderstorms	217	65000
2014	6	06/09/2014 11:07 AM	06/09/2014 11:30 AM	0 Hours, 23 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Islanding	Unknown	Unknown
2014	6	06/10/2014 9:50 PM	06/11/2014 2:30 PM	16 Hours, 40 Minutes	American Electric Power	RFC	West Virginia	Severe Weather - Thunderstorms	Unknown	66383
2014	6	06/15/2014 12:00 AM	06/15/2014 1:00 AM	1 Hours, 0 Minutes	Xcel Energy	MRO	Central Minnesota	Severe Weather - Thunderstorms	Unknown	55951
2014	6	06/18/2014 5:00 PM	06/20/2014 3:00 PM	46 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	138802
2014	6	06/27/2014 1:21 PM	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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, June 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	25.84	6.26	--	1.03
Connecticut	--	6.22	--	1.03
Maine	24.91	6.21	--	1.02
Massachusetts	--	6.30	--	1.03
New Hampshire	25.91	5.70	--	1.03
Rhode Island	--	--	--	1.03
Vermont	--	--	--	--
Middle Atlantic	23.56	5.84	--	1.04
New Jersey	25.91	5.79	--	1.04
New York	21.16	5.86	--	1.03
Pennsylvania	23.57	5.84	--	1.04
East North Central	20.22	5.81	28.33	1.05
Illinois	17.92	5.81	--	1.02
Indiana	22.33	5.77	29.80	1.05
Michigan	18.77	5.92	26.50	1.03
Ohio	24.34	5.77	28.25	1.06
Wisconsin	17.89	5.88	27.52	1.05
West North Central	16.64	5.77	--	1.05
Iowa	17.57	5.76	--	1.07
Kansas	17.19	--	--	1.04
Minnesota	17.63	5.79	--	1.06
Missouri	17.53	5.79	--	1.03
Nebraska	16.86	--	--	1.07
North Dakota	13.12	5.76	--	0.99
South Dakota	16.31	--	--	1.05
South Atlantic	23.53	6.03	28.57	1.03
Delaware	25.83	5.67	--	1.05
District of Columbia	--	--	--	--
Florida	23.56	5.96	29.04	1.02
Georgia	20.37	5.96	27.29	1.03
Maryland	25.08	6.18	--	1.05
North Carolina	24.91	5.78	--	1.03
South Carolina	24.90	5.98	--	1.03
Virginia	22.38	6.23	--	1.06
West Virginia	24.63	5.76	--	1.07
East South Central	21.50	5.78	28.22	1.03
Alabama	20.67	5.67	--	1.03
Kentucky	22.50	5.82	28.22	1.03
Mississippi	15.61	5.84	--	1.03
Tennessee	22.27	5.76	--	1.01
West South Central	15.72	5.87	29.11	1.03
Arkansas	17.59	5.89	--	1.03
Louisiana	15.76	5.89	29.11	1.03
Oklahoma	17.18	5.80	--	1.05
Texas	15.18	5.87	--	1.03
Mountain	18.88	5.74	--	1.04
Arizona	19.41	5.47	--	1.03
Colorado	19.29	--	--	1.07
Idaho	--	--	--	1.02
Montana	17.00	--	--	--
Nevada	17.79	5.83	--	1.05
New Mexico	18.00	5.66	--	1.04
Utah	21.82	5.88	--	1.04
Wyoming	17.48	5.82	--	1.03
Pacific Contiguous	17.56	6.00	--	1.04
California	23.07	--	--	1.04
Oregon	16.96	--	--	1.05
Washington	16.89	6.00	--	1.07
Pacific Noncontiguous	--	6.15	--	1.01
Alaska	--	--	--	1.01
Hawaii	--	6.15	--	--
U.S. Total	19.43	6.05	28.46	1.04

'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%	0.32%
Commercial	0.24%	0.20%	0.33%
Industrial	0.58%	0.20%	2.76%
Transportation	0.29%	1.09%	4.07%
Total	**0.31%**	**0.13%**	**0.76%**
Average Retail Price			
Residential	0.66%	0.10%	0.12%
Commercial	0.79%	0.27%	0.11%
Industrial	1.02%	0.39%	0.30%
Transportation	1.08%	1.57%	2.70%
Total	**0.90%**	**0.21%**	**0.13%**
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	1,394,889	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	978,354	2.47%
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**	**3,725,060**	**0.90%**
Revenue (Million Dollars)									
Residential	167,930	166,714	-0.72%	163,352	163,280	-0.04%	168,546	169,109	0.33%
Commercial	136,138	135,927	-0.16%	133,908	133,898	-0.01%	137,778	138,228	0.33%
Industrial	67,212	67,606	0.59%	65,691	65,761	0.11%	65,111	66,908	2.76%
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**	**375,049**	**0.76%**
Average Retail Price (Cents/kWh)									
Residential	11.80	11.72	-0.66%	11.88	11.88	-0.04%	12.12	12.12	0.06%
Commercial	10.32	10.24	-0.81%	10.12	10.09	-0.25%	10.29	10.28	-0.10%
Industrial	6.89	6.82	-1.01%	6.70	6.67	-0.39%	6.82	6.84	0.28%
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**	**10.07**	**-0.14%**
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.